

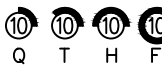
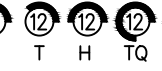
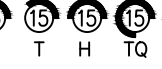
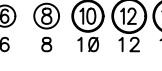


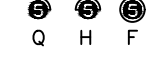
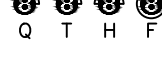
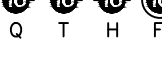
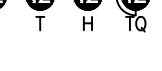
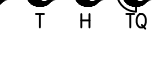





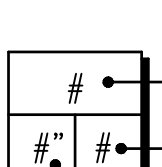


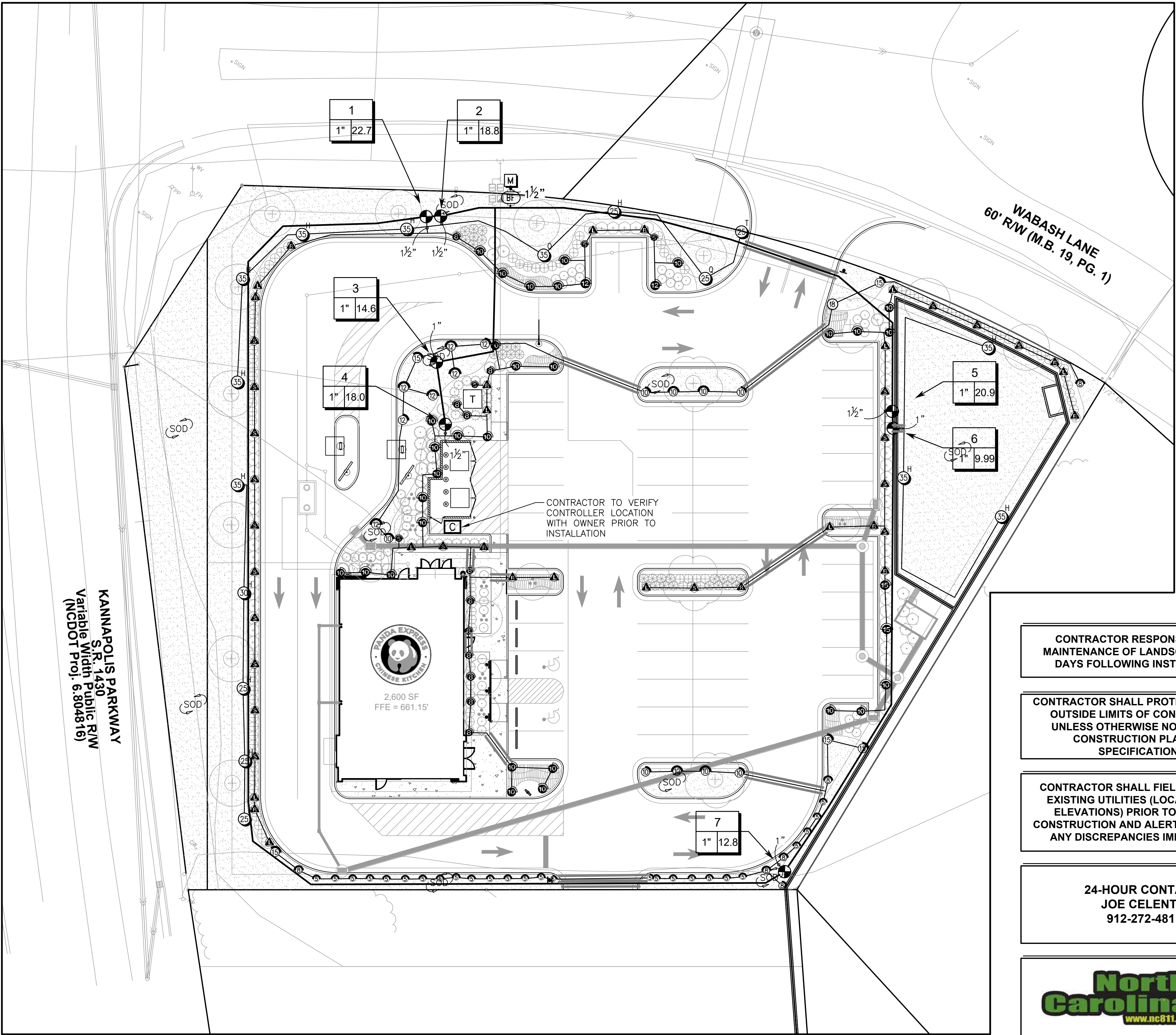
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI		
	RAIN BIRD 1806-SAM-PRS 5 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	26	30		
	RAIN BIRD 1806-SAM-PRS 8 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	6	30		
	RAIN BIRD 1806-SAM-PRS 10 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	9	30		
	RAIN BIRD 1806-SAM-PRS 12 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	7	30		
	RAIN BIRD 1806-SAM-PRS 15 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	5	30		
	RAIN BIRD 1806-SAM-PRS ADJ TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING.	1	30		
	RAIN BIRD 1812-SAM-PRS SQ 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.	1	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.	43	30		
	RAIN BIRD 1812-SAM-PRS 5 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.	4	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.	11	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.	30	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.	2	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.	2	30		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
	RAIN BIRD 5006-SAM-R-PC,FC-MPR 25 TURF ROTOR, 6.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL. 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.	16	35		24'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	RAIN BIRD PGA GLOBE 1" 1IN., 1-1/2IN., 2IN. ELECTRIC REMOTE CONTROL VALVE, GLOBE.	7			
	FEBCO 765 1" PRESSURE VACUUM BREAKER, BRASS WITH BALL VALVE SOV. INSTALL 12\" (305MM) ABOVE HIGHEST DOWNSTREAM OUTLET AND THE HIGHEST POINT IN THE DOWNSTREAM PIPING.	1			
	RAIN BIRD ESP4ME WITH (1) ESP-SM3 (2) ESP-SM6 19 STATION, HYBRID MODULAR OUTDOOR CONTROLLER. FOR RESIDENTIAL OR LIGHT COMMERCIAL APPLICATIONS.	1			
	WATER METER 1" BASIS OF DESIGN 37.5 GPM @ 54.6 PSI, CONTRACTOR TO VERIFY PRIOR TO INSTALLATION	1			
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 ONLY LATERAL TRANSITION PIPE SIZES 1 1/4" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 1" IN SIZE.	109.1 L.F.			
	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.	2,106 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.	14.4 L.F.			
	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 1 1/2"	872.8 L.F.			
	PIPE SLEEVE: PVC SCHEDULE 40	235.2 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.

NOTE:
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.

- IRRIGATION NOTES:
1. LOCATE ALL UTILITIES BEFORE DIGGING. PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
 2. IRRIGATION SYSTEM WILL USE RECLAIMED WATER WHEN IT IS AVAILABLE. PROVIDE IRRIGATION COMPONENTS WITH NON-POTABLE MARKINGS.
 3. PIPE ROUTING IS DIAGRAMMATIC. PLACE IRRIGATION LINES WITHIN PLANTING AND TURF AREAS UNLESS SLEEVING IS INDICATED. ROUTE PIPING TO AVOID TREE LOCATIONS. LOCATE MAINLINE AND VALVE BOXES WITHIN PROPERTY LINES.
 4. ROCURE ALL NECESSARY PERMITS TO COMPLETE INSTALLATION OF IRRIGATION SYSTEM PER STATE AN LOCAL CODES.
 5. JET OR BORE FOR SLEEVING WHERE NECESSARY TO ACCOMMODATE LATERAL LINES, MAIN LINES, OR CONTROL WIRE.
 6. PROVIDE A MINIMUM 12 INCH COVER OVER LATERAL LINES AND A MINIMUM OF 18 INCH COVER OVER MAINLINES
 7. INSTALL ALL ELECTRICAL SERVICE TO MEET LOCAL CODES.
 8. PROVIDE POP-UP SPRINKLERS ONLY. MOUNT SPRINKLERS ON POLY PIPE WITH BARBED FASTENERS UNLESS OTHERWISE SPECIFIED IN PROVIDED DETAILS.
 9. MOUNT HEADS FLUSH WITH FINISHED GRADE. INSTALL HEADS 6 INCH OFF ALL SIDEWALKS AND 1 FOOT FROM BUILDING WALLS.
 10. INSTALL VALVES IN 15 INCH BOXES WITH TAMPER RESISTANT LIDS.
 11. ALL IRRIGATION CONTROL WIRE TO BE 14-GAUGE WIRE. PROVIDE WHITE FOR COMMON, RED FOR HOT, AND SPARE BLUE WIRE PARALLEL TO COMMON THROUGH OUT THE ENTIRE SYSTEM.
 12. MAKE ALL WIRE SPICES WITH WATERPROOF SPLICE KITS RATED FOR DIRECT BURIAL, NEATLY COIL 30 INCHES OF SLACK WIRE IN VALVE BOX.
 13. ADJUST HEADS TO MAXIMIZE COVERAGE AND MINIMIZE OVER SPRAY.



CONTRACTOR RESPONSIBLE FOR
MAINTENANCE OF LANDSCAPE FOR 90
DAYS FOLLOWING INSTALLATION.

CONTRACTOR SHALL PROTECT ALL ITEMS
OUTSIDE LIMITS OF CONSTRUCTION
UNLESS OTHERWISE NOTED IN THE
CONSTRUCTION PLANS OR
SPECIFICATIONS.

CONTRACTOR SHALL FIELD VERIFY ALL
EXISTING UTILITIES (LOCATIONS AND
ELEVATIONS) PRIOR TO STARTING
CONSTRUCTION AND ALERT ENGINEER TO
ANY DISCREPANCIES IMMEDIATELY.

24-HOUR CONTACT:
JOE CELENTO
912-272-4811



1 IRRIGATION PLAN
Scale: 1"= 20'



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

REVISIONS:

ISSUE DATE:

PLAN CHECK	03-08-23
BID	XX-XX-XX
CONSTRUCTION	XX-XX-XX

DRAWN BY: LDC, WAS DESIGN, INC.

PANDA PROJECT #: D24956
PANDA STORE #: TBD
CIVIL PROJECT #: 220148



IRRIGATION
PLAN

L02.0