

IRRIGATION NOTES

THESE NOTES ARE PRESENTED AS A "SUMMARY" OF THE WRITTEN SPECIFICATIONS ISSUED FOR THE PROJECT. REFER TO THE WRITTEN SPECIFICATIONS, IF INCLUDED, FOR ADDITIONAL DETAIL AND FULL PROJECT REQUIREMENTS.

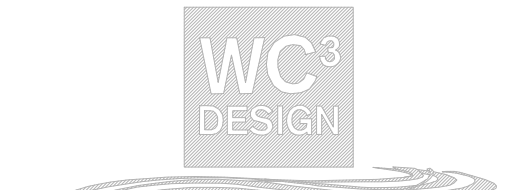
1. THE IRRIGATION SYSTEM DESIGN IS BASED ON 60 STATIC PRESSURE (PSI) AND MAXIMUM FLOW OF 16 GALLONS PER MINUTE(GPM). THE IRRIGATION CONTRACTOR SHALL VERIFY THE PRESSURE AND FLOW PRIOR TO COMMENCEMENT OF CONSTRUCTION. REPORT TO THE OWNER OR OWNER'S REPRESENTATIVE ANY DIFFERENCES BETWEEN THE PRESSURE INDICATED AND THE ACTUAL PRESSURE READING AT THE POINT OF CONNECTION.
2. THE PIPE ROUTING SHOWN IS DIAGRAMMATIC ONLY. ALL PIPING, VALVES, HEADS, ETC SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY. PRESSURE LOSS CALCULATIONS ARE BASED ON THE PIPE ROUTING AS SHOWN. SIGNIFICANT DEVIATIONS FROM THE ROUTING SHOWN SHOULD BE AVOIDED.
3. DO NOT WILLINGLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE DIMENSIONS OF THE CONSTRUCTED AREAS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE IRRIGATION DESIGN OR CHANGES HAVE OCCURRED IN THE SITE PLAN. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR IMMEDIATELY. SHOULD THE IRRIGATION CONTRACTOR PROCEED WITH THE INSTALLATION WITHOUT NOTIFYING THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR, THE IRRIGATION CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY AND ALL REVISIONS / RECONSTRUCTION NECESSARY.
4. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF / HERSELF WITH THE SITE, ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, AND INSTALLED UTILITIES. COORDINATE WORK WITH THE OWNER OR GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES UNDERNEATH PAVEMENT AND THROUGH WALLS.
5. DUE TO THE SCALE OF THE DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, JOINTS, ETC. WHICH MAY BE REQUIRED. THE IRRIGATION CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS/HER WORK AND PLAN HIS/HER WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC. AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. ALL WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTEM COMPONENTS, LANDSCAPE PLANTING, AND ARCHITECTURAL FEATURES.
6. FLUSH ALL LINES AND HEADS PRIOR TO INSTALLING NOZZLES. ADJUST NOZZLE SPRAY ARC AND RADIUS FOR OPTIMUM PERFORMANCE TO PREVENT OVERSPRAY ONTO PAVED SURFACES OR FACE OF BUILDING AS MUCH AS POSSIBLE TO FIT THE SITE CONDITIONS. THROTTLE FLOW CONTROL AT EACH VALVE FOR OPTIMUM OPERATING PRESSURE FOR EACH ZONE.
7. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISHED GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE NOTED.
8. WHEN VERTICAL OBSTRUCTIONS (POLES, SIGNS, TREES, HYDRANTS, ETC) INTERFERE WITH THE SPRAY PATTERN OF THE HEADS SO AS TO PREVENT PROPER COVERAGE, THE CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER, THIRD, OR HALF CIRCLE HEAD AT THE SIDES OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST.
9. USE TEFLON TAPE ON ALL MALE PIPE THREADS ON PVC PIPE, SWING JOINTS, AND VALVE ASSEMBLIES.
10. INSTALL VALVE BOXES 18-INCHES FROM AND PERPENDICULAR TO WALKS, CURBS, BUILDING, OR LANDSCAPE FEATURES. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE INSTALLED A MINIMUM OF 12-INCHES APART.
11. ALL VALVES SHALL BE PLACED IN VALVE BOXES AS SHOWN IN THE DETAILS AND ALL ELECTRICAL CONNECTIONS SHALL BE SEALED WITH WATERPROOF CONNECTORS.
12. 120-VOLT ELECTRICAL POWER AT THE CONTROLLER SHALL BE PROVIDED BY OTHERS. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE POWER PROVIDED TO THE CONTROLLER.
13. PROVIDE AS-BUILT DRAWINGS WITHIN 21 DAYS UPON COMPLETION OF THE IRRIGATION INSTALLATION.
14. THERE SHALL BE NO SUBSTITUTIONS OR CHANGES TO THE IRRIGATION DESIGN ALLOWED WITHOUT DIRECT, WRITTEN APPROVAL FROM THE IRRIGATION CONSULTANT OR THE LANDSCAPE ARCHITECT. CONTACT WC3 DESIGN FOR INFORMATION.
15. ALL SPRINKLERS, VALVES AND VALVE BOXES SHALL BE PLACED 5' AWAY FROM ANY RADIUS OF CURB AS SHOWN IN DETAILS.
16. IRRIGATION CONTRACTOR SHALL PROVIDE THE FIRST WINTERIZATION BLOW OUT. IN ADDITION, HE SHALL PROVIDE THE SPRING TURN ON. ALL NECESSARY HEAD ADJUSTMENTS SHALL BE MADE AT THAT TIME AND REPLACE OR REPAIR ANY WARRANTY ITEMS. THESE ITEMS SHALL BE INCLUDED WITH BID.
17. SLEEVING BY GENERAL CONTRACTOR.

IRRIGATION SCHEDULE

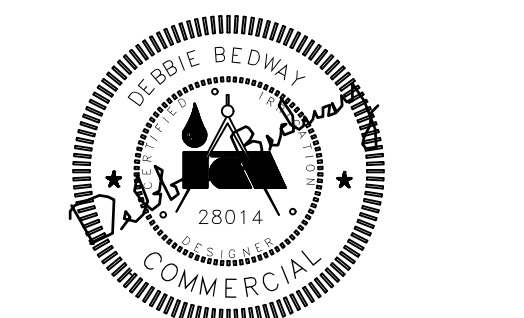
SYMBOL	MANUFACTURER/MODEL
	Toro 570Z-4P-COM 8 Series
	Toro 570Z-4P-COM 12 Series
	Toro 570Z-4P-COM 15 Series
	Toro 570Z-4P-COM ADJ
	Toro 570Z-4P-COM Turf Strip Spray
	Toro T5-P
	Toro T5-P
	Toro T5-P
	Toro DZK-TPV-1-MF
	Area to Receive Dripline
	Toro RGP-418 (18)
	Toro TPV-F-100
	Toro 100-SLVLC
	Nibco TI-8
	Zurn 375 1"
	Toro EVO-040D with (02) EMOD-04
	Toro EVO-WS
	Irrigation Lateral Line: PVC Class 200
	Irrigation Mainline: PVC Class 200 SDR
	Valve Outlet
	Pipe Sleeve: PVC Schedule 40
	Valve Number
	Valve Flow
	Valve Size



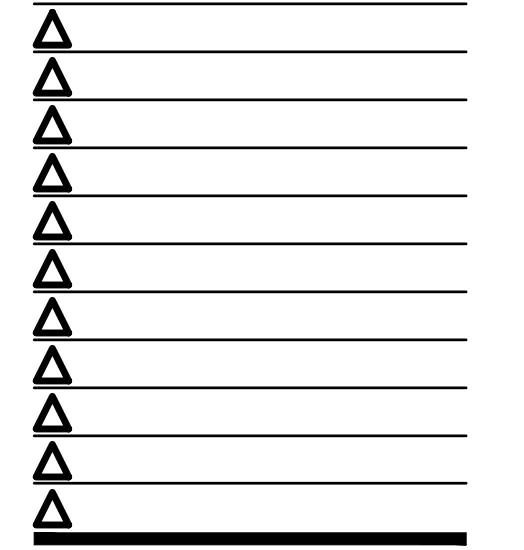
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Columbus, OH • Louisville, KY
Pittsburgh, PA



ISSUED FOR CONST. 08.09.18



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



IRRIGATION PLAN

L-111
PROJECT NO. - SDP17-0154

NOTE
GPD GROUP IS NOT RESPONSIBLE FOR IRRIGATION DESIGN, NOTE OR DETAILS. PLEASE CONTACT WC3 DESIGN FOR ANY QUESTIONS.



Know what's below
Call before you dig.

A1 IRRIGATION PLAN
1" = 20'

