

WATER PLANS CHECK LIST

CHECKED BY: _____	JOB ORDER _____		
SUBMITTED BY: _____	PHONE NO. _____		
EMAIL: _____	PLAN CHECK DATES		
PLANS SIGNED BY DISTRICT ENGINEER -	1ST	2ND	3RD
DATE RECEIVED			
DATE RETURNED			
PLANS DISTRIBUTED FOR REVIEW			
COVER SHEET			
TITLE BLOCK			
DRAWING NUMBER/PROJECT NUMBER			
NORTH ARROW AND SCALE			
PROJECT MAP (SHOW LOCATION OF RAMONA IN RELATIONSHIP TO COUNTY)			
VICINITY MAP (SHOW LOCATION OF PROJECT IN RELATIONSHIP TO RAMONA)			
INDEX MAP (SHOW SHEET NUMBER FOR EACH PORTION OF PROJECT)			
LEGEND (SYMBOLGY AND STANDARDS CALLED OUT PER WAS WI-06)			
RMWD STANDARD CONSTRUCTION NOTES			
REFERENCES - WAS STDS, RMWD STDS, GREENBOOK, REGIONAL STDS			
TABLE OF CONTENTS			
BENCHMARKS			
ENGINEER'S STAMP			
SEPARATE RMWD AND COUNTY REVISION BLOCKS			
RMWD SIGNATURE BLOCK			
NOTE - APPROVAL FROM DISTRICT IS VALID FOR 2 YEARS			
NOTE - NO AGREEMENTS HAVE BEEN EXECUTED FOR WATER FOR METER BOX INSTALL.			
NOTE - THRUST BLOCKS SIZED ON ASSUMED SOIL CONDITIONS			
NOTE - CONTRACTOR RESPONSIBLE FOR ACP REMOVAL			
PLAN AND PROFILE SHEETS			
TITLE BLOCK			
PLAN SCALE 1"= 40', 1" = 20', OR OTHER WITH PRIOR APPROVAL			
PLAN STATIONING			
PLAN - EXISTING WATER - MIN. SPACE TO NEW WATER - 10 FT			
PLAN - EXISTING SEWER - MIN. SPACE TO WATER - 10 FT			
PLAN - EXISTING STORM DRAINS, WATER, SEWER, AND POWER SHOWN			
PLAN - NEW STORM DRAINS			
PLAN - DISTANCE TO UTILITIES FROM CENTERLINE			
PLAN - EXISTING EASEMENT DOC NUMBERS			
PLAN - NEW EASEMENTS DOC NUMBERS			
PLAN - EASEMENTS MIN. 20' WIDE, ADD 10' FOR EACH PIPELINE			
PLAN - APNs			
PLAN - STREET NAMES			
PLAN - WATER LINE SIZE AND CLASS CALLED OUT			
PLAN - WATER LINE LOCATED BETW ROAD CENTERLINE AND CURB			
PLAN - METER BOX STATIONS (WM BOX)			
PLAN - BLOWOFFS (BO) AT LOW POINTS AND STATIONED			
PLAN - AIR RELEASE/VACUUM (AV) AT HIGH POINTS AND STATIONED			
PLAN - AVOID AVs AND BOs BY MINOR ADJUSTING GRADING			
PLAN - WM BOX, BO, AV NOT IN DRIVEWAY			
PLAN - WM BOX, BO, AV AT PROPERTY LINE, BUT WITHIN ROW OR EASEMENT.			
PLAN - VALVES AT INTERSECTIONS OF PIPELINES			
PLAN - VALVES AT MAX. OF 1320 LF ON DISTRIBUTION (1000 FOR HIGH DENSITY)			
PLAN - VALVES AT MAX. OF 2500 LF ON TRANSMISSION			
PLAN - LOOP DISTRIBUTION SYSTEM IF 40 EDUs OR MORE			
PLAN - NORTH ARROW AND SCALE			
PLAN - EXTEND PIPELINE BEYOND INTERSECTIONS			
PLAN - PIPE DATA TABLE WITH PIPE SIZE, MATERIAL, PRESSURE CLASS, AWWA STD.			
PLAN - SERVICE LATERALS ARE DROPPED OFF AT ALL PARCELS W/O WATER SRVC.			
PLAN - WATER SERVICES (2" OR LESS) HAVE SEPARATION > 3'			
PLAN - WATER SERVICES (GREATER THAN 2") HAVE SEPARATION > 10'			
PLAN - ALL COPPER TUBING HAS CATHODIC PROTECTION			
PLAN - MARKER POSTS @ 100' OC ALT SIDES FOR RMWD EASEMENTS PER WM-06			
PLAN - NORTHING AND EASTING CALLED OUT AT ALL PIPE INTERSECTIONS			
PROFILE - 1" = 4', 1" = 8', OR PRIOR APPROVAL FOR OTHER			
PROFILE - STATIONS AND ELEVATIONS AT TOP OF PIPE AT GRADE BREAKS			
PROFILE - DEFLECTION COUPLINGS/DI FITTING CALLED OUT AT ALL BENDS			
PROFILE - ORIGINAL GROUND LINE OVER PIPELINE			
PROFILE - PROPOSED GROUND LINE OVER PIPELINE			
PROFILE - MINIMUM 3' OF COVER TO TOP OF PIPE			
PROFILE - BELOW 8' MAXIMUM ALLOWABLE COVER OF EXISTING/PROPOSED PIPE			
PROFILE - BLOWOFF AT LOW POINTS AND HIGH POINTS FOR FLUSHING			
PROFILE - AIR/VACS AT HIGH POINTS			
PROFILE - MINIMUM 12" ABOVE PIPE WHEN CROSSED BY OTHER PIPES			
PROFILE - IF CROSSING LESS THAN 12" USE A DIP SECTION OR MOVE OTHER PIPE.			
PROFILE - PIPELINE ENCASED IN STL SLEEVE & CONCRETE AT CREEK CROSSINGS.			
PROFILE - SHOW ALL CROSSING PIPELINES OF 8-IN AND ABOVE W/ INVERT ELEV.			