

SEWER PLANS CHECK LIST

CHECKED BY: _____	JOB ORDER _____
SUBMITTED BY: _____	PHONE NO. _____
EMAIL: _____	PLAN CHECK DATES
	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	
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 - SEWER LINE SIZE, MATERIAL, & SDR (MIN)	
PLAN - SEWER LINE LOCATED AT CENTERLINE ON PUBLIC ROADS	
PLAN - SEWER LATERALS STATIONS (SL)	
PLAN - SEWER LATERALS NOT IN DRIVEWAYS, 5' FROM PL, OR LANDSCAPING	
PLAN - SEWER LATERALS TO BE PROVIDED TO ALL PROPERTIES	
PLAN - SEWER LATERALS TO EXTEND TO PROPERTY LINE & SHOW CLEAN OUTS	
PLAN - MANHOLES NUMBERED - OBTAIN FROM GIS TECH	
PLAN - STATION ALL MANHOLES & PROVIDE NORTHING & EASTING	
PLAN - MANHOLE SPACING OF 350 FEET OR 150 FEET IF DEAD END	
PLAN - NO CURVED PIPE OR BENDS UNLESS APPROVED BY DISTRICT ENGINEER	
PLAN - PROVIDE BOUYANCE CALCULATIONS	
PLAN - STUBS TO EXTEND 5 FEET BEYOND MANHOLE	
PLAN - STUBS TO EXTEND OUT OF ROADWAY OR INTERSECTION	
PLAN - LATERAL DATA TABLE	
PLAN - LATERAL 4-FEET DEEP AT PROPERTY LINE	
PLAN - DEEP CUT LATERAL IF VERT. DIST. BET. LATERAL & MAIN IS > 4- FEET	
PLAN - LATERALS ARE PERPINDICULAR TO MAIN (EXCEPT CUL-DE-SACS)	
PROFILE - 1" = 4' , 1"= 8' , OR OTHER WITH PRIOR APPROVAL	
PROFILE - STATIONS AND INVERT ELEVATIONS (IN AND OUT) AT MANHOLES	
PROFILE - TOP OF MANHOLE (RIM) ELEVATIONS	
PROFILE - NO GRADE BREAKS WITHOUT A MANHOLE	
PROFILE - ORIGINAL GROUND LINE OVER PIPELINE	
PROFILE - PROPOSED GROUND LINE OVER PIPELINE	
PROFILE - TYPICAL COVER 5' TO 8' , MINIMUM 3' OF COVER.	
PROFILE - TYPICAL MANHOLE INVERT MIN. 7.5 FEET	
PROFILE - MINIMUM 12" SPACE ABOVE PIPE WHEN CROSSED BY OTHER PIPES	
PROFILE - MIN SLOPES - 8" (0.40%) - 10" (0.28%) - 12" (0.21%)	

	1ST	2ND	3RD
PROFILE - MAX. SLOPES - 8" (8.3%) - 10" (6.2%) - 12" (4.9%) - OR DROP MANHOLE			
PROFILE - PIPES THROUGH CREEK CROSSINGS ENCASED IN STEEL & CONCRETE			
PROFILE - SHOW ALL CROSSING PIPELINES OF 8-IN AND ABOVE W/ INVERT ELEV.			
PROFILE - MANHOLE DROP 0.20 ' MIN. (PIPES <15") OR FORMULA (PIPES>15")			
PROFILE - MINIMUM DEPTH OF MAIN @ FL = 5- FEET			
PROFILE - MAXIMUM DEPTH OF MAIN =14- FEET WITHOUT SPECIAL DESIGN			
PROFILE - DROP MANHOLE USED IF 2 MAINS HAVE > 4' SEPARATION			
PLAN/PROFILE - LATERALS HAVE MIN. 4- FOOT SEPARATION BETWEEN THEM			
PLAN/PROFILE - T- LOCK LINERS SPECIFIED PER WADG 6.2.4 C3			
PLAN/PROFILE - SEWER MAIN CLEANOUT REQD ON DEAD ENDS <150' FROM MH			