

SEWER PLANS CHECK LIST

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|--|------------------------------|
| 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 | | | |