

**MINIMUM REQUIREMENTS FOR TAPS ONLY PROJECTS**

PROJECT NAME		REVIEW DATE:			
GENERAL		YES	NO	N/A	SEE COMMENTS
A1	DESIGN AND DRAFT ALL PLANS ON 24"x36" (SIZE D) OR 30"x42" (SIZE E) SHEETS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A2	DISPLAYED PROJECT NAME SHOULD BE CONSISTENT ON ALL PLANS & ALL DOCUMENTS INCLUDED WITH THE SUBMITTAL, AND SHOULD BE UNIQUE TO EACH PROJECT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A3	DATE TO BE CONSISTENT ON ALL SUBMISSION FORMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A4	NORTH ARROW ALL SHEETS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A5	SHEET INDEX WITH THE TOTAL NUMBER OF SHEETS AND DESCRIPTIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A6	IF THE PROJECT IS WITHIN MUNICIPAL INFLUENCE AREA (MIA) OF FAYETTEVILLE OR HOPE MILLS, A PETITION FOR ANNEXATION MUST BE SUBMITTED TO THE APPLICABLE MUNICIPALITY. INCLUDE EVIDENCE OF THE PETITION AND/OR PROOF OF WAIVER.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A7	DETERMINE WHETHER AN EASEMENT WILL BE BLANKET OR DEDICATED AND ADDRESS ACCORDINGLY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A8	SHOW WETLANDS AN ALL PLANS (WHERE APPLICABLE) WITH RESPECT TO ALL UTILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A9	INCLUDE A LANDSCAPE PLAN WITHIN PLAN SET IF LANDSCAPING IS PROPOSED/REQUIRED. SHOW EXISTING AND PROPOSED UTILITY EASEMENTS ON THIS LANDSCAPE PLAN.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A10	PROVIDE JUSTIFICATION FOR ANY METER SIZE 2" OR LARGER. PWC WILL PROVIDE METER DATA SHEETS UPON REQUESTS FOR YOUR INFORMATION.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A11	PWC DETAILS APPLICABLE TO THE PROJECT SHOULD BE INCLUDED IN THE PLAN SET AND SHALL BE THE MOST UP-TO-DATE VERSIONS. DETAILS ARE UPDATED IN JANUARY AND JULY ANNUALLY.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A12	ALL OF THE ACCOMPANYING DOCUMENTS SHALL BE SIGNED AND SEALED BY DESIGN ENGINEER WHERE REQUIRED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A13	ALL PLAN SHEETS MUST BE SIGNED AND SEALED BY DESIGN ENGINEER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A14	ALL "NOT FOR CONSTRUCTION", "PRELIMINARY", OR SIMILAR NOTES SHOULD BE REMOVED FROM A PLAN SET BEFORE SUBMISSION. PLANS WILL NOT BE PERMITTED IF THEY BEAR THESE NOTES.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A15	IF PROPERTY IS BEING RECOMBINED, THE FINAL RECOMBINED PIN IS REQUIRED FOR QUOTE, AND A RECOMBINATION MAP IS TYPICALLY REQUIRED FOR PERMITTING/APPROVAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UTILITY COVER		YES	NO	N/A	SEE COMMENTS
B1	THE BOTTOM RIGHT HAND CORNER OF UTILITY PAGE(S) SHOULD BE LEFT BLANK FOR PWC APPROVAL STAMPS (7" H X 5" W)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B2	INCLUDE A VICINITY MAP WITH A NORTH ARROW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B3	INCLUDE A NORTH ARROW WITH HORIZONTAL AND VERTICAL DATUM REFERENCE ON ALL SHEETS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B4	INCLUDE A SCALE - HORIZONTAL (TO INCLUDE GRAPHICAL & WRITTEN SCALE), VERTICAL (TO INCLUDE WRITTEN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B5	SHOW PIN/REID W/ OWNER FOR PARCELS(S)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B6	SHOW ENTIRE PARCEL BOUNDARY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B7	SHOW PIN/REID WITH OWNER FOR ALL NEIGHBORING PARCELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B8	SHOW THE EXISTING AND PROPOSED CONTOURS WITH LABELS (CONTOUR INTERVALS SHOULD NOT EXCEED 2 FEET)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B9	SHOW THE PROPOSED WATER MAINS WITH SIZE AND MATERIAL. (EX. 8" C-900). "PVC" IS NOT AN ADEQUATE MATERIAL LABEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B10	SHOW THE PROPOSED SEWER MAINS WITH SIZE, LENGTH, MATERIAL, SLOPE AND DIRECTIONAL FLOW ARROWS (EX. 12S LF-8" SDR-26 @ 0.45%). USE THE LENGTH FROM MANHOLE CENTER TO MANHOLE CENTER TO CALCULATE SLOPE. "PVC" IS NOT AN ADEQUATE MATERIAL LABEL.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B11	SHOW LOCATION OF ANY EXISTING STRUCTURES THAT WILL REMAIN ON SITE, INCLUDING BUT NOT LIMITED TO WELLS, FENCES, HOUSES, ETC.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B12	LABEL ROAD FRONTAGE LENGTH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B13	LABEL FINISHED FLOOR ELEVATION (FFE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B14	LABEL ALL STREET NAMES: INCLUDE STATE ROAD NUMBER (LOCAL NAME - XXXXXX RD), AS WELL AS ANY STATE ROAD IDENTIFIER (SR #####)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B15	LABEL THE WIDTH OF ALL EXISTING AND PROPOSED EASEMENTS; LABEL APPROPRIATE EASEMENTS AS "PWC UTILITY EASEMENT". EXISTING EASEMENTS MUST BE LABELED TO INCLUDE A DB AND PG NUMBER FOR EACH EASEMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B16	PROPOSED VS EXISTING UTILITIES SHOULD BE DIFFERENTIATED BY LINE TYPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B17	EXISTING UTILITY LINES SHOULD BE LABELED BY SIZE & MATERIAL (IF MATERIAL IS KNOWN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B18	STORM DRAINAGE MAY NOT BE DISCHARGED IN FRONT OF OR ON TOP OF WATER AND SEWER MAINS AND EASEMENTS; STORM OUTLETS SHOULD BE EXTENDED PAST THE FULL WIDTH OF THE EASEMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B19	SHOW AND LABEL ALL EXISTING AND PROPOSED STORMWATER MANAGEMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B20	SHOW AND LABEL ROADSIDE DITCHES AND DRIVEWAYS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B21	SHOW AND LABEL SIDEWALKS, INCLUDE WIDTH WITHIN THE LABEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B22	ENCROACHMENTS INTO PWC EASEMENTS MUST BE CLEARLY SHOWN AND LABELED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B23	INCLUDE A LEGEND WITH ALL LINE TYPES AND SYMBOLS. ALTERNATIVELY, LINES AND SYMBOLS SHOULD BE INDIVIDUALLY LABELED.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B24	EXISTING SERVICES SHOULD BE LABELED AS TO "REMAIN IN USE" OR "TO BE ABANDONED"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B25	RESTAURANT/FOOD SERVICE - A GREASE TRAP IS MANDATORY FOR ALL RESTAURANT/FOOD SERVICE DESIGNS AND MUST BE SHOWN AND LABELED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B26	CAR WASH - AN OIL SEPARATOR IS MANDATORY FOR ALL CAR WASH DESIGNS AND MUST BE SHOWN AND LABELED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B27	THERE MAY NOT BE MORE THAN 4-4" OR 3-6" SEWER LATERALS IN 4" DIAMETER MANHOLES, DEPENDING ON INDIVIDUAL DESIGNS. REFER TO PWC DETAIL S.2 FOR MORE INFORMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B28	LABEL ALL FITTINGS/TAPS AND APPURTENANCES ON ALL WATER AND SEWER LINES.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B29	EACH MANHOLE MUST BE LABELED WITH ITS UNIQUE MANHOLE NUMBER, ITS RIM ELEVATION, ITS STATION NUMBER, AND ALL INVERT IN AND INVERT OUT ELEVATIONS, BOTH EXISTING AND PROPOSED.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B30	IF BORE & JACK IS REQUIRED, YOU MUST SHOW ALL DETAILS REQUIRED (CASING, LENGTH, ENTRY/RECEIVING BORE PITS, BEGIN AND END STATION, ETC.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B31	SHOW PROPOSED AND EXISTING TURNING LANE ARROWS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B32	ALL WATER LATERALS MUST SHOWN, AND LABELED BY STATION NUMBER, FINISHED CURB GRADE, TAP SIZE AND TYPE AND/OR FITTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B33	VALVES SHOULD BE PLACED NEAR THE MAIN ON ALL 2" OR LARGER TAPS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B34	FIRE HYDRANT LEGS SHALL BE 6" RIDI WITH 6" GATE VALVE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B35	FIRE HYDRANTS AND BLOW-OFFS SHALL BE LOCATED ON PROPERTY LINES WHERE POSSIBLE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B36	THE PURPOSE OF EACH PROPOSED SERVICE SHOULD BE SPECIFIED (i.e. FIRE, DOMESTIC, IRRIGATION)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B37	A TAPPING SADDLE SHOULD BE USED FOR ALL WATER LINES 2" AND SMALLER. A TAPPING SLEEVE SHOULD BE USED FOR ALL WATER LINES GREATER THAN 2". SEE W.8, W.10 AND W.11 FOR DETAILS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B38	A 1" BLOW OFF OR IRRIGATION METER SHALL BE USED AT THE END OF ALL METER BANKS, UNLESS LOOPED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B39	THE BFP MUST BE WITHIN 100' OF THE TAP ON THE MAIN LINES FOR ALL FIRE AND IRRIGATION LINES. THE BFP MUST BE LABELED WITH SIZE AND TYPE.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B40	BACK FLOW PREVENTERS SHOULD BE AT LEAST 5' FROM THE METER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B41	FIRE LINES SHOULD BE RIDI TO THE END OF PWC'S O&M (ROW OR EASEMENT LINE) ADD A NOTE TO SHOW WHERE PWC'S O&M ENDS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B42	NO TAPS ARE ALLOWED TO COME OFF OF A FIRE LINE WITHOUT PWC APPROVAL (REFER TO DETAIL DRAWING W.21)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B43	THE BASE FLANGE ELEVATION OF ALL PROPOSED FIRE HYDRANTS MUST BE LABELED11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B44	ADD A NOTE THAT PWC O&M ENDS AT THE FIRST SSC0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B45	ADD A NOTE THAT PWC O&M ENDS AT THE METER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B46	A JUMBO BOX MUST BE USED FOR 1.5" AND 2" IRRIGATION METERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B47	LENGTH, SIZE, MATERIAL AND SLOPE OF ALL SEWER MAINS & LATERALS SHOULD BE CLEARLY IDENTIFIED/LABELED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B48	FLOW DIRECTION MUST BE SHOWN WITH ARROWS ON ALL EXISTING SEWER MAINS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B49	SHOW PROPOSED MH'S & STRUCTURES, LABELED w/ STATION #, SIZE OR DIAMETER, RIM ELEVATION, INVERT ELEVATION OF ALL CONNECTING PIPES, COATINGS, PIPE SLIDES & TYPE OF RING & COVER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B50	MINIMUM SEPARATION BETWEEN UTILITIES SHOULD BE LABELED WITH VERTICAL SEPARATION DISTANCE FOR EACH CROSSING. CALL OUT SPECIAL CONDITIONS WHEN MINIMUM SEPARATIONS ARE NOT MET (I.e., DI PIPE USED)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B51	AN INTERIOR DROP STRUCTURE IS REQUIRED WHERE THE VERTICAL SEPARATION BETWEEN INVERTS EQUALS OR EXCEEDS 2.50'. REFER TO PWC DETAIL S.4 AND S.5, AND NOTATE ON EACH SSMH WHERE REQUIRED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B52	PWC SANITARY SEWER CLEANOUTS SHOULD BE PLACED 18" INSIDE THE EASEMENT OR RIGHT-OF-WAY LINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B53	A LOCKING RING AND COVER (CAMLOCK) IS REQUIRED ON ALL MANHOLES OUTSIDE OF PAVEMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B54	PWC SEWER CLEANOUTS SHOULD BE 4 TO 6 FT IN DEPTH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B55	MH RIMS MUST BE 24" ABOVE THE 100-YR FLOOD LINE ELEVATION, OR 18" ABOVE GRADE IN OUTFALL AREAS, WHICHEVER IS GREATER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B56	PLANS MUST SHOW 100 YR FLOOD ELEVATION & BOUNDARIES, IF APPLICABLE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B57	NO 90° BENDS ON SEWER FORCE MAINS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B58	NO SEWER LATERALS TAPPED ONTO MAIN LARGER THAN 15"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B59	PERMIT APPLICATIONS, AND SPECIFICATION CHECKLISTS SHOULD BE FULLY COMPLETED BY THE DESIGN TEAM BEFORE SUBMISSION TO PWC - DRAFTS OF THESE DOCUMENTS DO NOT HAVE TO BE SIGNED AT THE 60% STAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B60	THE DISPLAYED PROJECT NAME SHOULD BE CONSISTENT ON ALL PLANS & ALL DOCUMENTS INCLUDED WITH THE SUBMITTAL, AND SHOULD BE UNIQUE TO EACH PROJECT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B61	HYDRAULIC CALCULATIONS MUST BE SEALED BY A P.E.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>ADDITIONAL APPROVAL REQUIREMENTS (ONLY WHEN APPLICABLE)</b>	YES	NO	N/A	SEE COMMENTS
C1	IS AN OFF-SITE EASEMENT REQUIRED? IF SO, PROVIDE EASEMENT MAP AND LEGAL DESCRIPTION. THE LEGAL DESCRIPTION MUST BE SUBMITTED IN WORD FORMAT. OFF-SITE EASEMENTS MUST BE RECORDED PRIOR TO PWC PERMIT ISSUANCE.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C2	IS AN NCDOT ENCROACHMENT REQUIRED? IF SO, PROVIDE NCDOT ENCROACHMENT MAPS AND DOCUMENTATION TO PWC. THE DESIGN ENGINEER IS RESPONSIBLE FOR ENSURING DESIGN MEETS NCDOT REQUIREMENTS. PWC WILL REVIEW AND SUBMIT TO NCDOT.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C3	IS A RAILROAD ENCROACHMENT REQUIRED? IF SO, HAVE THE APPROPRIATE MAPS AND DOCUMENTATION BEEN SUBMITTED?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C4	INCLUDE A LANDSCAPE PLAN WITHIN PLAN SET IF LANDSCAPING IS PROPOSED/REQUIRED. SHOW EXISTING AND PROPOSED UTILITY EASEMENTS ON THIS LANDSCAPE PLAN.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C5	IF A PROPERTY IS BEING RECOMBINED, THE FINAL RECOMBINED PIN IS REQUIRED FOR A QUOTE. RECOMBINATION MAP TYPICALLY REQUIRED FOR PERMITTING/APPROVAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMENTS:					
<div></div>					
THIS IS A LIST OF MINIMUM REQUIREMENTS ONLY. PWC MAY HAVE FURTHER COMMENTS DURING PRELIMINARY AND PERMIT REVIEWS.					
PWC WRE Form July 2025					
If you have questions please contact:					
Tech/Specialist: _____ Phone: _____					
Email: _____					