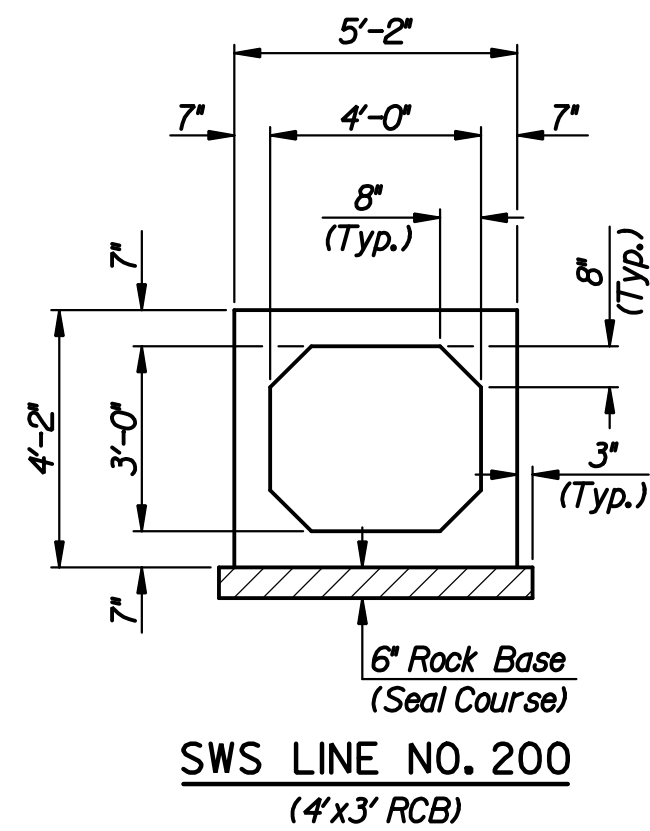


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INLET AND MANHOLE DATA																				FOR INFORMATION ONLY					REMARKS								
ROUTING SEQUENCE		LOCATIONS OF INSTALLATIONS					CONSTRUCT OR INSTALL					DIMENSIONS				ELEVATIONS		INFLOW CONDUITS				OUTFLOW CONDUITS		CLASS III EXC. (CU. YD)		CAST IRON (LBS.)	STRUCT. STEEL (LBS.)	REINF. STEEL (LBS.)	CLASS A CONC. (CU. YD)	STEPS			
FROM	TO	STATION	ROUTE IDENTIFICATION	DISTANCE LEFT/RIGHT	NORTH COORDINATE	EAST COORDINATE	CURB INLET (TYPE I)	R.C. MANHOLE	END SECTION	G&F TYPE	L&F TYPE	L (FT.)	W (FT.)	H (FT.)	H _r (FT.)	TOP	FLOOR	SIZE DIRECTION	FLOWLINE ELEV.	SIZE DIRECTION	FLOWLINE ELEV.	SIZE DIRECTION	FLOWLINE ELEV.								SIZE DIRECTION	FLOWLINE ELEV.	
200	-	134+40.00	Waterman	9.00' Lt.	1,684,396.1266	1,651,983.9131		/				8'-6"	8'-6"	7'-0"	1'-3"	1294.94	1287.69	16.6° Exist. (N)	1288.72	16.6° Exist. (S)	1288.72	4'x3' (W)	1288.72	54" Exist. (E)	1288.72								
201	200	133+50.00	Waterman	3.20' Rt.	1,684,382.0604	1,651,894.2237		/				6'-6"	6'-6"	7'-0"	1'-3"	1294.93	1287.68	4'x3' (W)	1289.00	18" (N)	1290.50	18" (S)	1290.50	4'x3' (E)	1289.00								
202	201	132+30.00	Waterman	3.00' Lt.	1,684,379.0201	1,651,774.2092		(Exist.)				6'-6"	6'-6"	7'-9"	1'-3"	1296.53	1288.53	24" (S)	1289.21	4'x3' Exist. (W)	1289.21	24" Exist. (N)	1292.09	4'x3' (E)	1289.21								
203	201	133+50.00	Waterman	31.50' Rt.	1,684,353.7873	1,651,895.3561	/					10'-0"	3'-0"	5'-0"	-	1294.78	1290.45							18" (N)	1290.66								
204	201	133+50.00	Waterman	31.50' Lt.	1,684,416.7369	1,651,892.8368	/					10'-0"	3'-0"	5'-0"	-	1294.78	1290.45							18" (S)	1290.66								
205	-	134+91.00	Waterman	9.00' Lt.	1,684,397.0477	1,652,034.9048		/				5'-6"	8'-6"	7'-0"	1'-3"	1294.71	1287.46	54" Exist. (W)	1288.06	15" (N)	1290.00	15" (S)	1291.00	54" Exist. (E)	1288.06								
206	205	134+91.00	Waterman	21.00' Rt.	1,684,367.0526	1,652,035.4466	/					5'-0"	3'-0"	4'-6"	-	1294.82	1290.99							15" (N)	1291.18								
207	205	134+91.00	Waterman	13.00' Lt.	1,684,410.0455	1,652,034.6700	/					5'-0"	3'-0"	5'-0"	-	1294.76	1290.43							15" (S)	1290.62								
208	202	132+38.00	Waterman	29.68' Rt.	1,684,347.1427	1,651,784.9778	(Reset Exist)					6'-2 1/2"	3'-4 3/8"	5'-0"	-	1296.21	1291.88							24" (N)	1292.13								
TOTALS (THIS SHEET)							4	3																									

CONDUIT DATA																				REMARKS																					
ROUTING SEQUENCE		LOCATIONS OF INSTALLATIONS				CONSTRUCT OR INSTALL			CONDUIT FLOWLINES		SEWER EXCAVATION		STORM SEWER (LIN. FT.)					END SECTIONS (EACH)				AASHTO CONC. CLASS	SAND FILL, FLUSH AND VIBRATE (L.F.)																		
FROM	TO	STATION	ROUTE IDENTIFICATION	DISTANCE LEFT/RIGHT	TYPE OF CONDUIT	LENGTH (L.F.)	INFLOW ELEV.	OUTFLOW ELEV.	ROCK (CU. YD)	COMMON (CU. YD)	15"	18"	24"	4'x3'	15"	18"	24"	42"																							
201	200	133+50.00	Waterman	3.20' Rt.	4'x3' RCB	92.1	1289.00	1288.72						92.1									92.1																		
202	201	132+30.00	Waterman	3.00' Lt.	4'x3' RCB	120.1	1289.21	1289.00						120.1									120.1																		
203	201	133+50.00	Waterman	31.50' Rt.	18" RCP	28.3	1290.66	1290.50					28.3										28.3																		
204	201	133+50.00	Waterman	31.50' Lt.	18" RCP	34.7	1290.66	1290.50					34.7										34.7																		
206	205	134+91.00	Waterman	21.00' Rt.	15" RCP	30.0	1291.18	1291.00				30.0											30.0																		
207	205	134+91.00	Waterman	13.00' Lt.	15" RCP	13.0	1290.62	1290.00				13.0											13.0																		
208	202	132+38.00	Waterman	29.68' Rt.	24" RCP	33.7	1292.13	1289.21						33.7									33.7																		
TOTALS (THIS SHEET)												43.0	63.0	33.7	212.2																		212.2								

GENERAL NOTES (4'x3' RCB)



LOADING: HS20-44 A.A.S.H.T.O. Specification, 1983 Edition.

UNIT STRESSES:
 Concrete $F_c = 4000$ p.s.i. $F_y = 60,000$ p.s.i.
 $F_c = 1600$ p.s.i. $F_s = 24,000$ p.s.i.

CONSTRUCTION: Plan detail depicts precast construction. Cast-in-place construction may be used at the Contractors option with the approval of the Engineer. Payment will be the same regardless of the option chosen.

EXCAVATION: All excavation and backfill shall extend two (2) feet beyond the sides of the box.

CONFLICT: If R.C.B. plan notes conflict with the General Notes from this sheet, then these General Notes will govern.

PRECAST CONCRETE: Precast Box Sections shall meet the appropriate design and inspection requirements of A.S.T.M. Designation C-850, Table 2 or C-789, Table 2 whichever is critical and the Loading Specifications. The intermediate joints shall be sealed with a mastic compound which shall be provided for approval with the shop detail submittal. The Contractor shall furnish, to the Engineer, detail plans and shop drawings showing the proposed precast layout and all other details for manufacture and delivery of any precast items to be incorporated into the work.

SEAL COURSE: A Seal Course shall be constructed below the R.C.B. as shown in the Plans. The Seal Course shall consist of 6" of crushed rock conforming to ASTM C-33, Gradation No. 67, and shall meet the requirements for Portland Cement Concrete Pavement Coarse Aggregate, Section 406.2, City of Wichita Standard Specifications. No reinforcing shall be placed until the Seal Course has gained sufficient strength to permit working upon it without injury. Seal Course will not be measured or paid for separately but shall be considered subsidiary to the 4'x3' RCB.

REINFORCING STEEL: Reinforcing used in the Precast Sections is not required to be epoxy coated. The concrete cover for all reinforcing shall be 1 1/2" minimum unless otherwise noted.

MANHOLES: See Sheet R28 and R30 for Manhole Details.

Revision		By	Date
WASHINGTON STREET			
SCHEDULE OF INLETS AND MANHOLES			
JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84657			
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	MJW	Job No.	05493-8
Drawn by	MJW	Date	Dec., 2008
			Sht. R33 of R73