

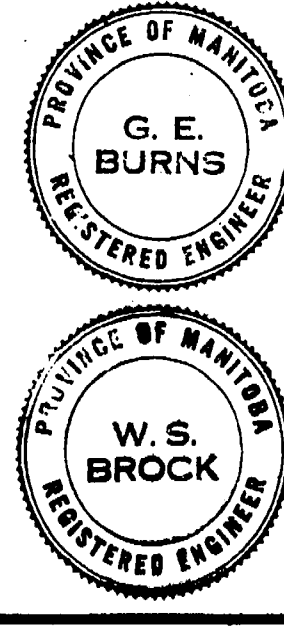
- NOTES:**
- ALL PRECAST CHAMBER SLABS ARE TO BE NUMBERED ON THE UNDERSIDE IN THE ORDER BY WHICH THEY CAN BE REMOVED. CAST IN TYPICAL HOUSE NUMBERS.
 - PLACE BUILDING PAPER BETWEEN VALVES AND CONCRETE SADDLES AND BETWEEN ELBOWS AND CONCRETE SADDLES.
 - VICTAULIC COUPLINGS TO BE STYLE #44.
 - ALL EXTERIOR AND INTERIOR CORNERS, INCLUDING PRECAST CONCRETE SLABS TO BE CHAMFERED AS SPECIFIED IN THE SPECIFICATIONS.
 - FITTINGS REQUIRED FOR ITEMS "A" + "D" (30" CONC. SHORTS) ON TOP OF PIPE:
3" NIPPLE (SCREW TO SCREW-ON-FLANGE) - SUPPLIED WITH PIPE
3" GATE VALVE FLANGED WITH BRONZE TRIM
ON BOTTOM OF PIPE:
4" NIPPLE (SCREW TO SCREW-ON-FLANGE) - SUPPLIED WITH PIPE
3" C.I. GATE VALVE FLANGED WITH BRONZE TRIM
1" - 90° GALV. BASE ELBOW (FLANGE TO SCREW) JOIN ELBOW TO VALVE WITH SCREW END DIRECTED TOWARDS MANHOLE OPENING.
 - FITTINGS REQUIRED FOR ITEM "E" (18" C.I. SHORT) ON TOP OF PIPE:
2" NIPPLE (SCREW TO SCREW-ON-FLANGE)
2" GATE VALVE FLANGED
ON BOTTOM OF PIPE:
3" NIPPLE (SCREW TO SCREW-ON-FLANGE)
3" C.I. GATE VALVE FLANGED WITH BRONZE TRIM
3" - 90° GALV. BASE ELBOW (FLANGE TO SCREW) JOIN ELBOW TO VALVE WITH SCREW END DIRECTED TOWARDS MANHOLE OPENING.
 - ALL FITTINGS TO BE MADE OF BRONZE UNLESS SPECIFIED OTHERWISE.

LIST OF MATERIALS FOR OFF-TAKE CHAMBER

ITEM	DESCRIPTION	LENGTH
"A"	30" x 30" CONC. SHORT (VICTAULIC TO FLANGE)	6'-0"
"B"	30" x 18" x 30" CONC. TEE (VICT. TO WGT. TO VICT. BRANCH)	2'-0"
"C"	30" VICTAULIC BUTTERFLY VALVE	1'-10"
"D"	30" CONC. SHORT (VICTAULIC TO BELL)	6'-0"
"E"	18" VICTAULIC BUTTERFLY VALVE	1'-2"
"F"	18" C.I. SHORT (VICTAULIC TO FLANGE)	4'-0"
"G"	30" BLIND FLANGE COMPLETE WITH A GASKET, STAINLESS STEEL NUTS AND BOLTS	

NOTE:

- METRO CORPORATION WILL SUPPLY ALL ITEMS, EXCEPT ITEM "F" (18" C.I. SHORT). ITEM "F" AND ALL FITTINGS TO BE SUPPLIED BY THE CONTRACTOR.
- ITEM "F" TO HAVE A CONCRETE RING 2'-3" FROM THE VICTAULIC END. ALSO ITEM "F" TO HAVE A 2" TAPPED HOLE ON TOP AND A 3" TAPPED HOLE ON THE BOTTOM.



REVISIONS

NO.	DESCRIPTION	DATE	BY
1	ROOF SLAB THICKNESS CHANGED FROM 12" TO 8"	22 DEC 64 S.K.	
2	30" x 18" TEE AND VALVE DIMENSIONS IN ROOF SLAB DIMENSION ADDED	2 DEC 64 S.K.	
3	USE SET DIMENSION OF 18" CONNECTION FROM ELDRIDGE ST. MANHOLE	2 DEC 64 S.K.	
4	AS CONSTRUCTED	6 AUG 65 IB	
5			
6			
7			
8			

**THE METROPOLITAN CORPORATION OF GREATER WINNIPEG
WATERWORKS & WASTE DISPOSAL DIVISION
WATERWORKS DEPT.**

CHARLESWOOD - ASSINIBOIA FEEDERMAIN

OFFTAKE CHAMBER ON ELDRIDGE AVE. AT HANEY ST.

APPROVED BY: *[Signature]* CHIEF ENGINEER
DESIGNED BY: W.S.B. G.E.B.
DRAWN BY: A.C. & S.K. DATE: 21 JULY 64
SCALE: AS NOTED

DRAWING NO. **D-1085**

OFFTAKE CHAMBER AT STA. 0+20.75
SCALE: 1/4" = 1'-0"