

QUANTITY CALCULATIONS  
BY: J.A.W. DATE 1/30/73  
CHKD. K.N.M. DATE 1/31/73  
F. A. THOMAS & ASSOC. INC.

REF. NO.	DESCRIPTION	QUANTITIES
1W	ADJUST WATER VALVE BOX TO GRADE	2
2W	PLUG 3/4" SERVICE CONNECTION AT MAIN	1

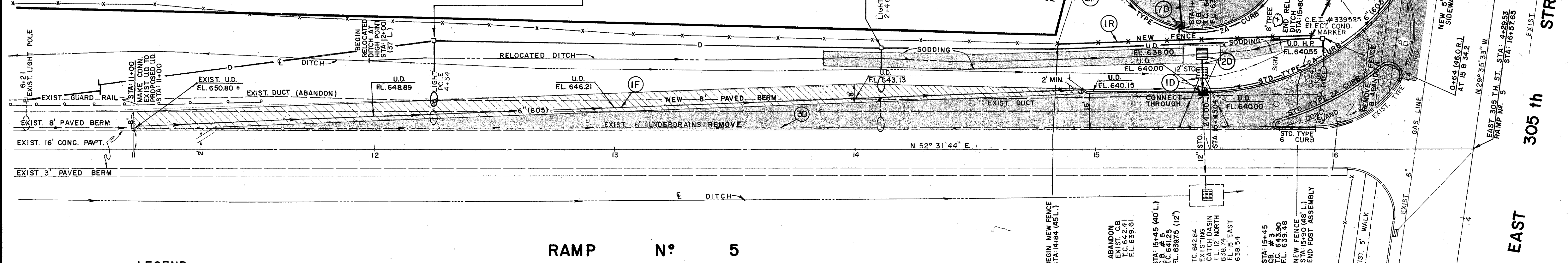
STORM SEWER		603		604	
LOCATION	STATION	REMOVAL OF PIPE UNDER	ABANDON VALVE	CLASS "B" BEDDING TYPE "B" TYPE "C" CONDUIT	ADJUST
REF. NO.	FROM TO	L.F. EA.	C.B. EA.	L.F. L.F. EA.	ST. C.B. TO GRADE NO. 3
1D	RAMP N° 5 15+45	8	1	17	1
2D	RAMP N° 5 15+45				
3D	RAMP N° 5 11+00	595	180		
4D	FOREST GROVE 0+28	1+92			
5D	FOREST GROVE 0+30	1+92			
6D	FOREST GROVE 1+22	1+40			
7D	FOREST GROVE 1+29	1+40			
8D	FOREST GROVE 1+25				
9D	FOREST GROVE 1+40				
TOTAL		986	1	57	17

ROADWAY		606		607		608	
LOCATION	STATION	STD. MON. ASSEMBLY	FENCE TYPE CL	GUARD-RAIL TYPE 5	ST. C.B. TO GRADE	ADJUST	ST. C.B. TO GRADE NO. 3
REF. NO.	FROM TO	EA.	L.F.	L.F.	EA.	EA.	EA.
1M	FOREST GROVE 1+24.69	2	183				
1R	RAMP N° 5 14+8.4	16+25					
1G	FOREST GROVE 0+80	0+94					
TOTAL		2	183	37.5			

SANITARY WORK		ITEM QUANTITIES	
REF. NO.	DESCRIPTION	ITEM	QUANTITIES
1A	ADJUST M.H. TO GRADE	604	1

UNDERDRAINS		STATION		LOCATION		TOTAL	
REF. NO.	FROM TO	L.F.	L.F.	EA.	EA.	EA.	EA.
1F	RAMP N° 5 11+00	16+49		57	20		
2F	FOREST GROVE 0+86	1+92		235	40		
TOTAL				832	60		

NOTE:  
FOR EXPANSION BOLT REFERENCE SEE STANDARD DRAWING BP-3  
PAYMENT UNDER ITEM 451



**LEGEND**

- NEW CONC. PAVEMENT
- NEW PAVED BERM
- EXIST. CONC. PAVEMENT AND SIDEWALK TO BE REMOVED

NOTE:  
LIGHTING STA: 0+00 EQUALS RAMP N° 5 STA: 16+57.65