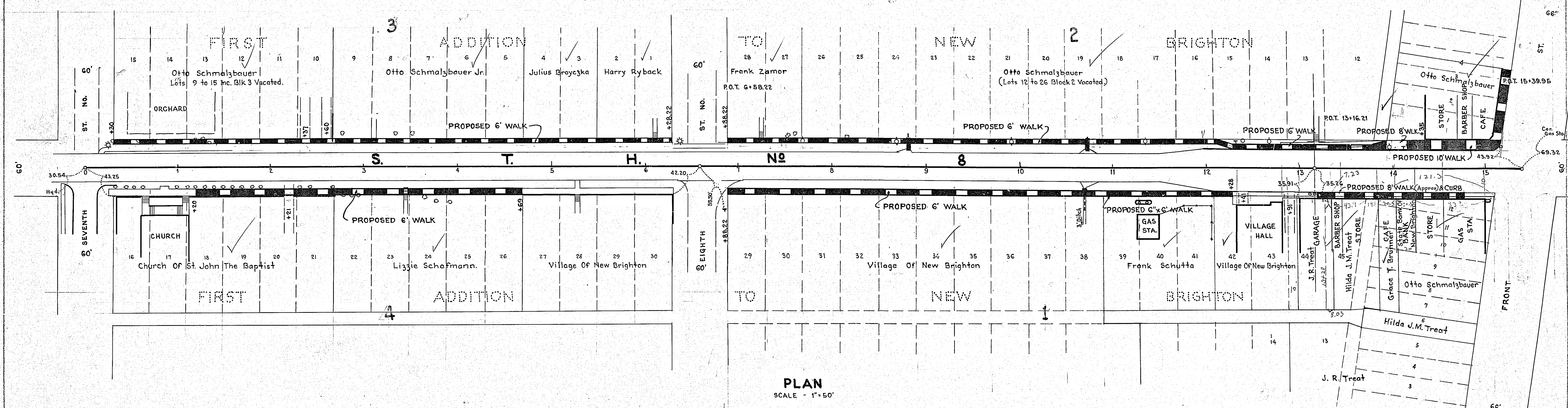
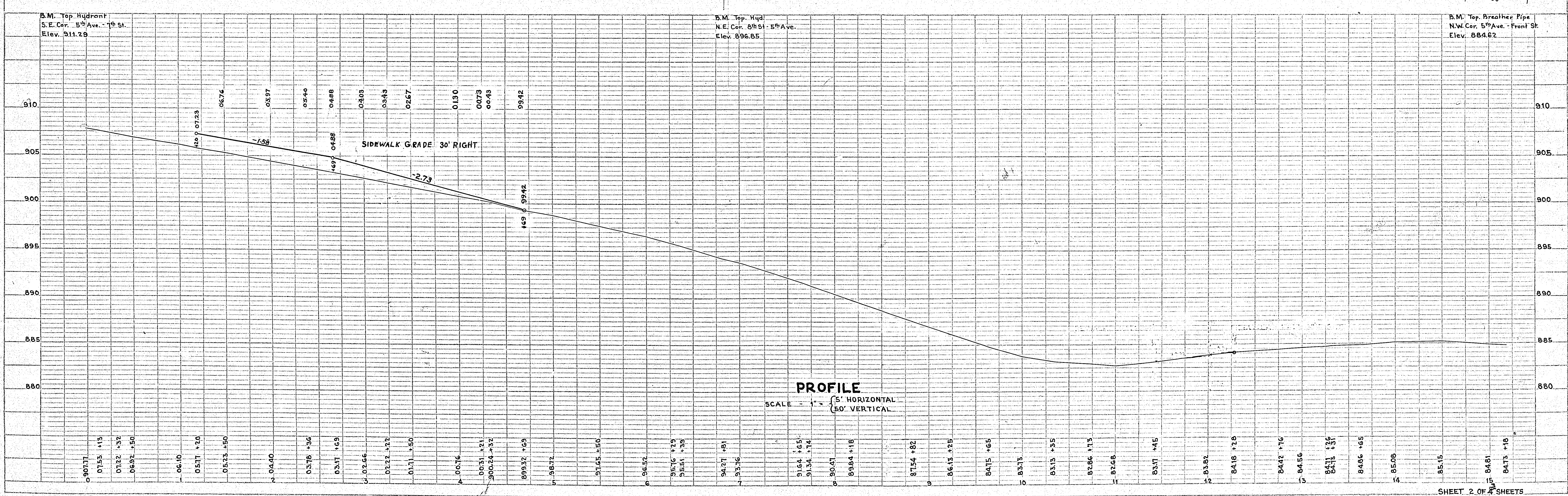


8+84 Lt. Pl. Type I-C.B. in sidewalk with 24"x12" C.M. outlet  
 10+70 Rt. Pl. 6" Rein. Conc. Slab Over Spillway  
 10+73 Lt. Pl. 6" Rein. Conc. Slab Over Spillway

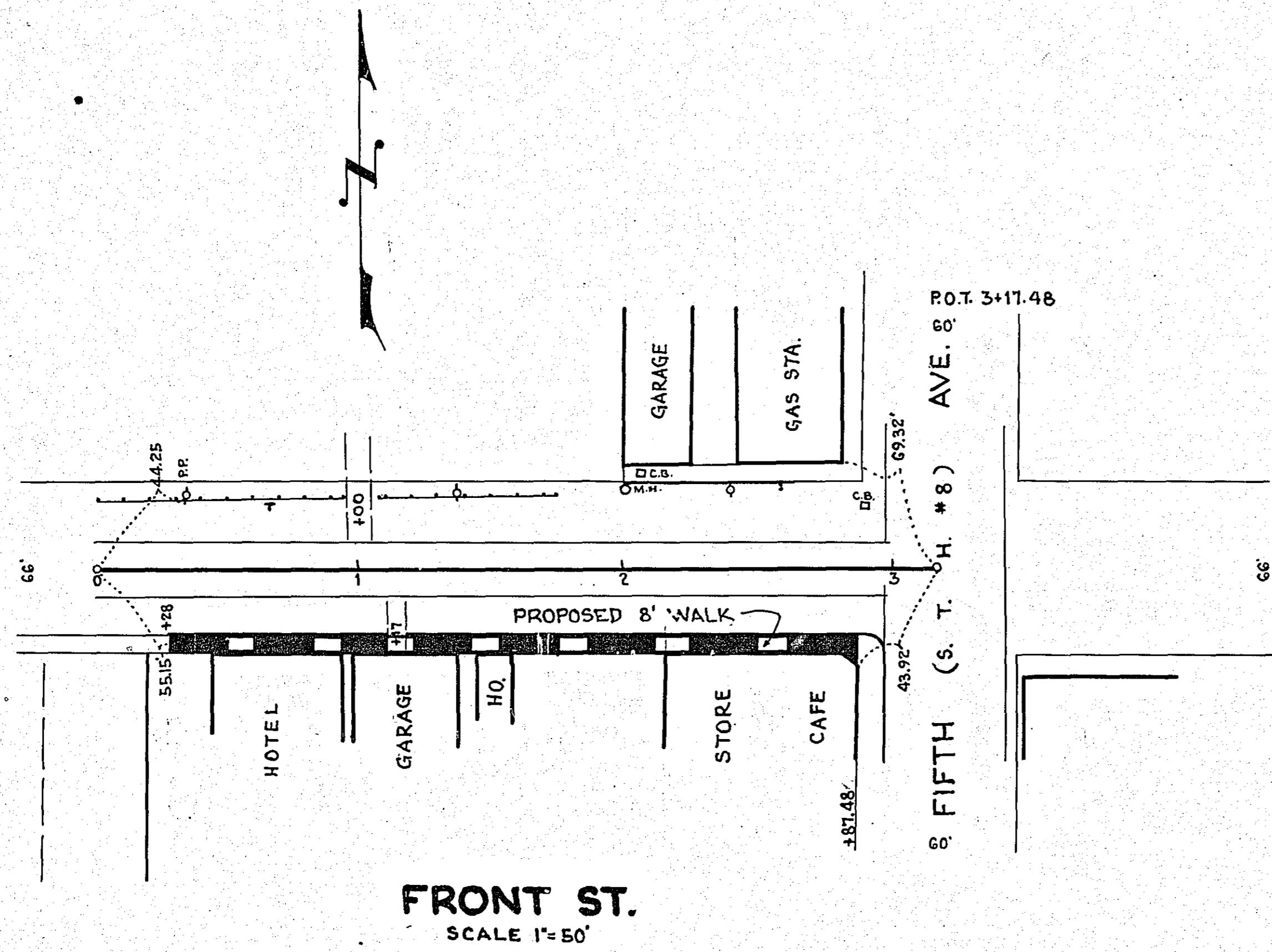
DATE  
 BY  
 SURVEYED  
 PLOTTED  
 NOTE BOOK PLACEMENT CHECKED  
 INT. OF WALK CHECKED  
 NO.



DATE  
 BY  
 SURVEYED  
 PLOTTED  
 GRADES CHECKED  
 STRUCTURE NOTATION CHECKED  
 NO.

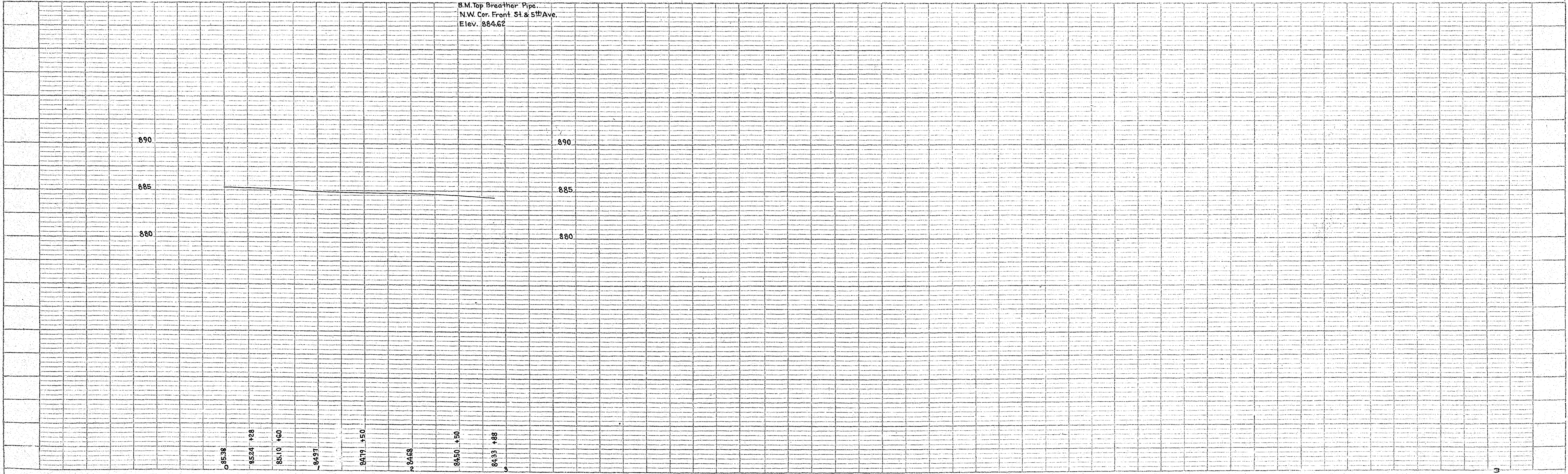


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
NOTE BOOK NO.			



2021  
2024

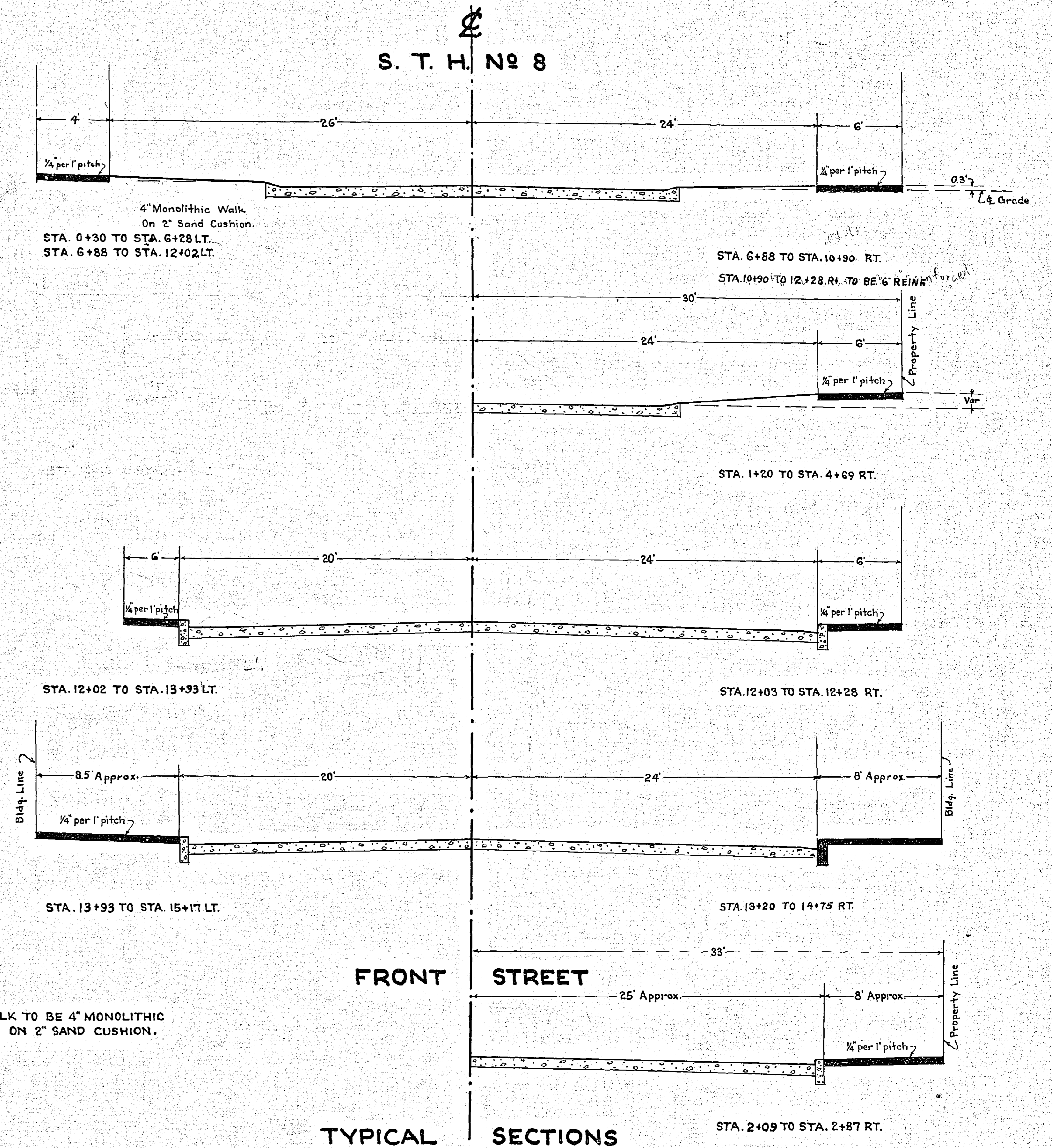
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHECKED		
NOTE BOOK NO.			



STATEMENT OF ESTIMATED QUANTITIES

CLASS	ITEM	UNIT	MILE From To	MILE From To	MILE From To	MILE From To	MILE From To	MILE From To	MILE From To	MILE From To	MILE From To	MILE From To	TOTAL ESTIMATED QUANTITIES
GRADING	1	Clearing	Trees										
	2	Grubbing	Trees										
	3	Clearing	Acres										
	4	Grubbing	Acres										
	5	Excavation Earth	Cu. Yds.	800									
	6	Excavation Loose Rock	Cu. Yds.										
	7	Excavation Solid Rock	Cu. Yds.										
	8	Excavation Overhaul	Cu. Yds.										
	9	Excavation Special	Cu. Yds.										
	10	Excavation Hand Ditch	Cu. Yds.										
	11	Install 12" C.M.	Lin. Ft.										
	12	Install 15" C.M.	Lin. Ft.										
	13	Install 18" C.M.	Lin. Ft.										
	14	Install 24" C.M.	Lin. Ft.	38									
	15	Install	Lin. Ft.										
	16	Install	Lin. Ft.										
	17	Install 18" P <sub>3</sub>	Lin. Ft.										
	18	Install 24" P <sub>3</sub>	Lin. Ft.										
	19	Install 30" P <sub>3</sub>	Lin. Ft.										
	20	Install 36" P <sub>3</sub>	Lin. Ft.										
	21	Install	Lin. Ft.										
	22	Install	Lin. Ft.										
	23	Remove Old Culvert	Lin. Ft.										
	24	Replace Old Culvert	Lin. Ft.										
	25	Finishing and Seeding	100 Sq. Yds.										
	26	Rubble Gutter	Cu. Yds.										
	27	Headwall Concrete	Cu. Yds.										
	28	Headwall Steel	Lbs.										
	29	Retaining Wall	Cu. Yds.	763									
	30												
	31												
	32												
C.M. CULVERTS	1	Furnish 12" C.M.	Lin. Ft.										
	2	Furnish 15" C.M.	Lin. Ft.										
	3	Furnish 18" C.M.	Lin. Ft.										
	4	Furnish 24" C.M.	Lin. Ft.	38									
	5	Furnish	Lin. Ft.										
	6	Furnish	Lin. Ft.										
	7	Furnish 12" C.M. Band	Each										
	8	Furnish 15" C.M. Band	Each										
	9												
	10												
P <sub>3</sub> CULVERTS	1	Furnish 18" P <sub>3</sub>	Lin. Ft.										
	2	Furnish 24" P <sub>3</sub>	Lin. Ft.										
	3	Furnish 30" P <sub>3</sub>	Lin. Ft.										
	4	Furnish 36" P <sub>3</sub>	Lin. Ft.										
	5												
GUARD RAIL P <sub>3</sub> CULVERTS	1	Guard Rail - Cable	Lin. Ft.										
	2	Guard Rail Anchors	Each										
	3	Dummy Posts	Each										
	4												
SIDEWALKS AND CURBING	1	Concrete Curb - Straight	Lin. Ft.										
	2	Concrete Curb - Radius	Lin. Ft.										
	3	Remove Old Curb	Lin. Ft.										
	4	Remove Old Curb and Gutter	Lin. Ft.										
	5	Remove Old Sidewalk	Sq. Ft.	3498									
	6	Replace Old Sidewalk	Sq. Ft.										
	7	Construct New Sidewalk	Sq. Ft.	13606									
	8	Curb Inlet	Each										
	9	Catch Basin Complete Type-1	Each	3									
	10												
	11												
	12												
SEWER	1	12" Vitrified Sewer Pipe	Lin. Ft.										
	2	15" Vitrified Sewer Pipe	Lin. Ft.										
	3	18" Vitrified Sewer Pipe	Lin. Ft.										
	4	20" Vitrified Sewer Pipe	Lin. Ft.										
	5	24" Vitrified Sewer Pipe	Lin. Ft.										
	6	Manhole Complete	Each										
	7	Catch Basin Complete	Each										
	8												
	9												
	10												
SURFACE	1	Loading Gravel	Cu. Yds.										
	2	Hauling Gravel	C.Y. Mi.										
	3	Shaping & Compacting	Cu. Yds.										
	4	Oil	Gal.										
	5	Cut-back	Sq. Yds.										
	6												
	7												
	8												
STRUCTURES	1	Concrete	Cu. Yds.										
	2	Reinforcing Steel	Lbs.										
	3	Excavation	Cu. Yds.										
	4	Piling	Lin. Ft.										
	5												
	6												
	7												
	8												
	9												
	10												

DETAILS



NOTE: ALL WALK TO BE 4" MONOLITHIC PLACED ON 2" SAND CUSHION.

FRONT STREET  
TYPICAL SECTIONS

OFFICE OF  
RAMSEY COUNTY SURVEYOR  
HARRY S. BRONSON  
SIDEWALK PLAN  
**S. T. H. No. 8**  
FROM 7th ST. No. TO FRONT ST.  
**FRONT ST.**  
FROM S.T.H. No. 8 TO 300' WEST.  
AUGUST 1939 SCALE AS SHOWN.  
PLANS APPROVED 8/31 1939 *Harry S. Bronson*  
APPROVED 8/30 1939 *LeRoy Linder*  
COUNTY SURVEYOR  
MAYOR OF NEW BRIGHTON VILLAGE.