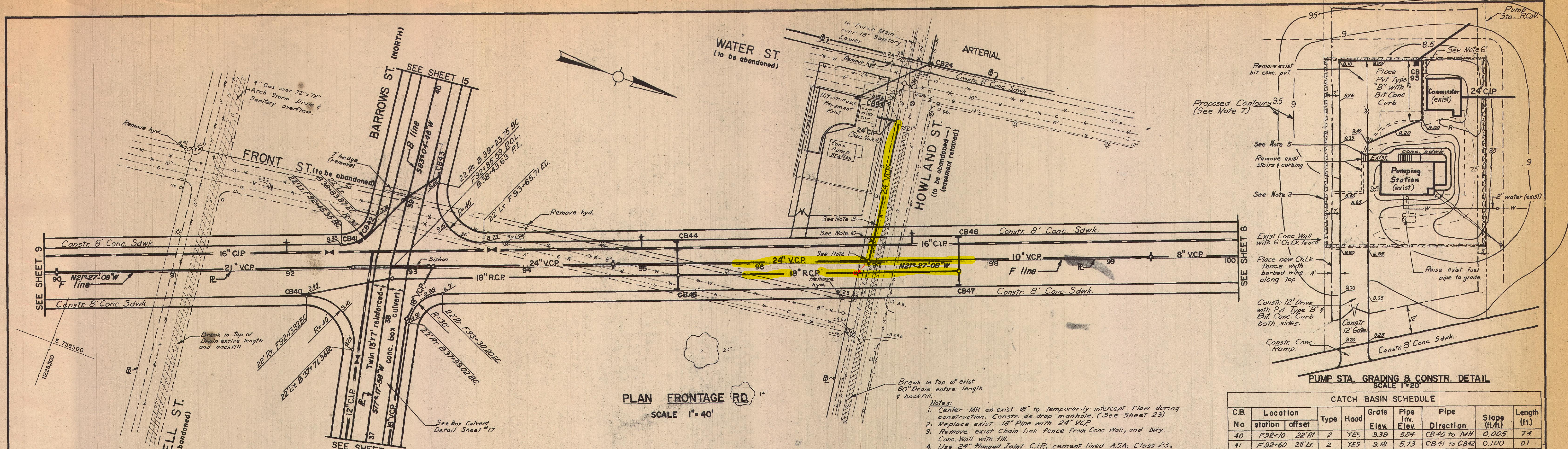
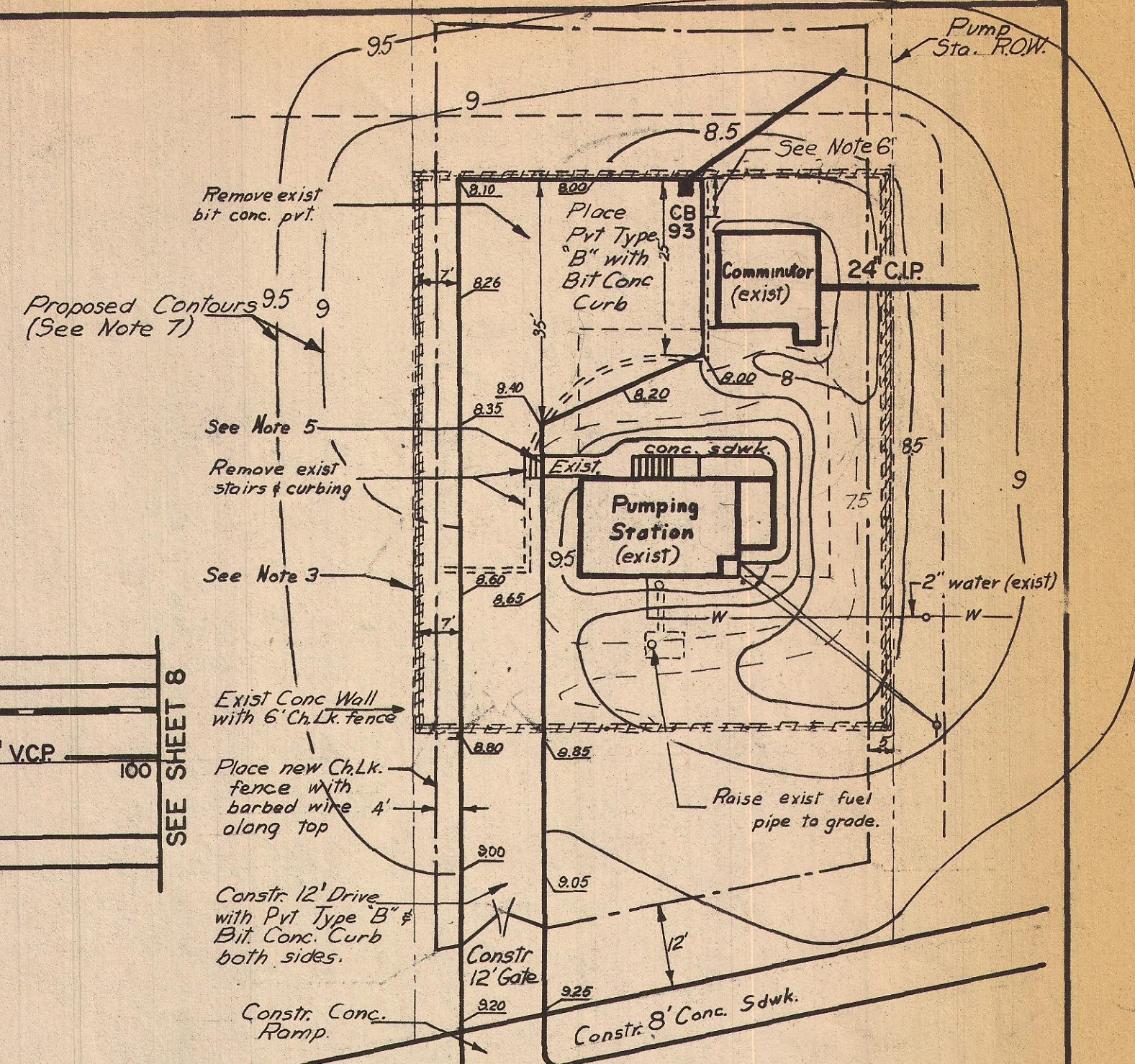




PLAN FRONTAGE RD.
SCALE 1"=40'

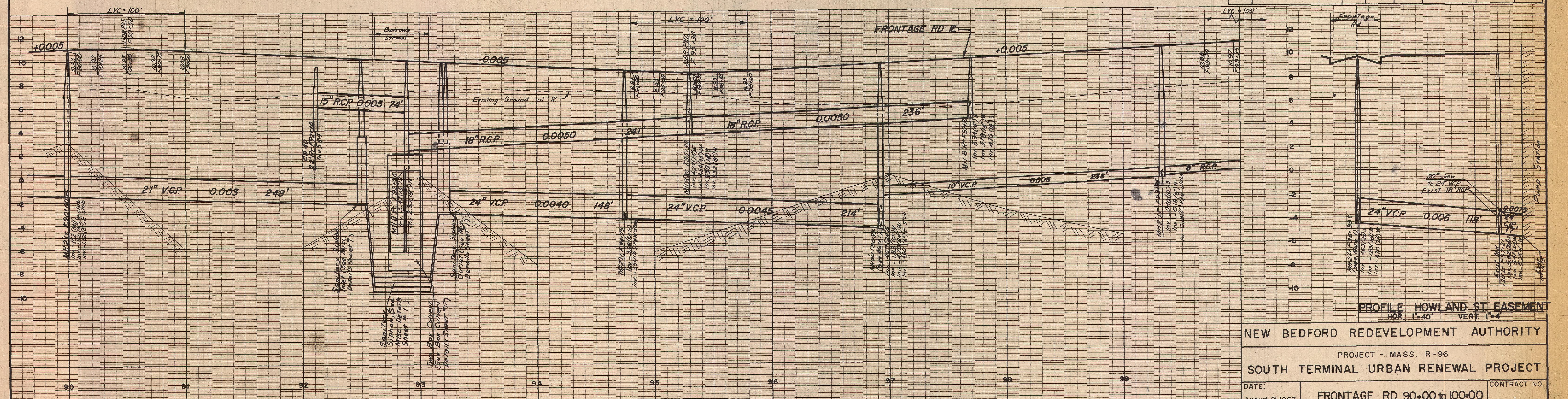
Water Main Notes:
 10. Use 16x16x8 tee to connect exist 8" water main in Howland St. to new 16" CIP in Frontage Rd. Abandon exist 8" water main east of connection.
 11. Location of new 16" CIP on Frontage Rd. is 16' Lt. of F Line. Location of new 12" CIP on Barrows (North) is 16' Lt. of B Line.

- Notes:**
 1. Center MH on exist 16" to temporarily intercept flow during construction. Constr. as drop manhole. (See Sheet 23)
 2. Replace exist 16" Pipe with 24" VCP
 3. Remove exist Chain link fence from Conc. Wall, and bury Conc. Wall with fill.
 4. Use 24" Flanged Joint CIP, cement lined A.S.A. Class 23, working pressure 125 psi. See Misc Details, Sheet 1 for pump sta. details.
 5. Bit conc. curb is not to be placed across exist conc. sdwk. Square off exist sdwk. with cone of edge of proposed pvt.
 6. Leave 5' opening in Bit Conc. Curb.
 7. Grade to top of proposed curb. See Landscaping Detail for Topsoil & planting requirements.



PUMP STA. GRADING & CONSTR. DETAIL
SCALE 1"=20'

CATCH BASIN SCHEDULE									
C.B. No	Location	station offset	Type	Hood	Grate Elev.	Pipe Inv. Elev.	Pipe Direction	Slope (ft./ft.)	Length (ft.)
40	F92+10	22' R/L	2	YES	9.39	5.94	CB40 to MH	0.005	74
41	F92+60	25' L/R	2	YES	9.18	5.73	CB41 to CB42	0.100	01
42	F92+65	29' L/R	2	YES	9.18	5.63	CB42 to MH	0.010	40
43	B39+30	22' R/L	2	YES	9.54	6.00	CB43 to MH	0.010	36
44	F95+30	22' L/R	2	YES	7.92	4.80	CB44 to MH	0.010	26
45	F95+30	22' R/L	2	YES	7.92	4.37	CB45 to MH	0.010	10
46	F97+70	22' L/R	2	YES	8.99	5.44	CB46 to MH	0.010	26
47	F97+70	22' R/L	2	YES	8.99	5.44	CB47 to MH	0.010	10
93	AS PER DETAIL		3	NO	7.80	4.80	CB93 to CB24	0.005	64



PROFILE FRONTAGE RD.
HOR. 1"=40'
VERT. 1"=4'

PROFILE HOWLAND ST EASEMENT
HOR. 1"=40' VERT. 1"=4'

NEW BEDFORD REDEVELOPMENT AUTHORITY		
PROJECT - MASS. R-96		
SOUTH TERMINAL URBAN RENEWAL PROJECT		
DATE: August 21, 1967	FRONTAGE RD. 90+00 to 100+00 HOWLAND ST. EASEMENT	CONTRACT NO. 1
DESIGNED BY		SHEET NO. 10 OF 70
CHECKED BY E.L.	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS SPRINGFIELD, MASSACHUSETTS	SCALE AS SHOWN
APPROVED BY A.E.		DRW. NO. 371-01-10
GRC.		