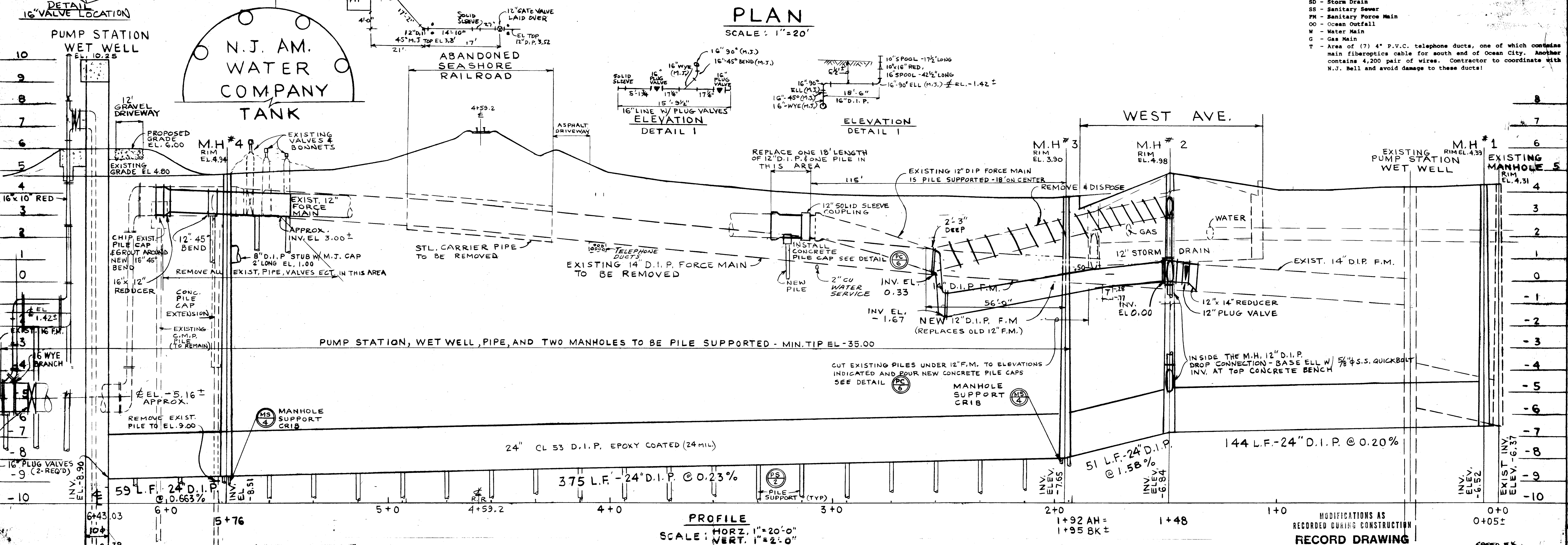
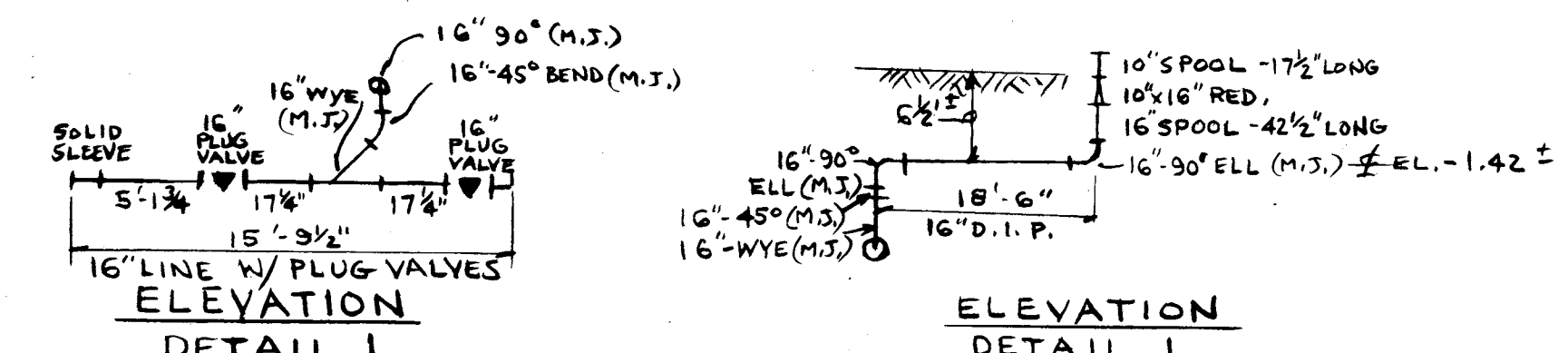


- NOTES**
- *M.H. #1 - Construct a new 6' Ø manhole over the exist sanitary sewer as shown - once the proposed pump station has been accepted for service saw cut the existing pipe and form new invert as per plan M-4 on sheet #4
 - At the contractors option M.H. #1 may be located in the foot print of the existing manhole (A 5' Ø M.H. may be used in lieu of 6' Ø M.H.) removal of the existing M.H. and placement of the new could only be done after acceptance of the new pump station and force main is completed. Flow diversion to be approved by owner and New Jersey American Water Co.
 - For Survey Control Points, see Appendix D in the specifications.
 - Block 4505 Lot 1 is owned by the CMCMUA, and except for the exit road from the WTP, the Contractor may utilize this area for staging.
 - Contract limits restricted to 15' each side of pipe alignment and the area indicated on Sheet 2 as staging area. Absolutely no stockpile staging to be outside the limits of Block 4505, Lot 1 which is owned by the CMCMUA.
 - The profile stationing is on the centerline of the piping. A survey baseline was established on the centerline of 46th Street beginning at station 0+00 at the existing sanitary manhole upstream of the existing pump station. The station break on the profile is due to the approximate 3-foot gained when the alignment is not parallel to the street centerline. The profile stationing from manhole No. 4 to the wet well is also on the pipe alignment centerline and this stationing does not correspond to the baseline stationing.

- LEGEND**
- MH - Manhole
 - SD - Storm Drain
 - SS - Sanitary Sewer
 - FM - Sanitary Force Main
 - OO - Ocean outfall
 - W - Water Main
 - G - Gas Main
 - T - Area of (7) 4" P.V.C. telephone ducts, one of which contains main fiber optics cable for south end of Ocean City. Another contains 4,200 pair of wires. Contractor to coordinate with N.J. Bell and avoid damage to these ducts!

PLAN
SCALE: 1" = 20'



TOP OF 2-0 SLAB BASE EL. - 21.00
WET WELL FLOOR EL. - 17.00

Manley C. Solheim Jr.
MANLEY C. SOLHEIM JR.
PROFESSIONAL ENGINEER
N.J. LIC. NO. 32888 DATE 7/16/91

DESIGNED BY	W. H.	1	1/20/91	ADDED NEW VALVE LAYOUT
CHECKED BY	H. R. S.			
APPROVED BY	W. H.			
	M. C. S.			

REVISIONS

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SCALE: HORZ. 1" = 20'-0"
VERT. 1" = 2'-0"

CAPE MAY COUNTY MUNICIPAL UTILITIES AUTHORITY
CAPE MAY COUNTY NEW JERSEY
REGIONAL PUMPING STATIONS
OCEAN CITY REGION

46TH STREET GRAVITY SEWER WET WELL - FORCE MAIN
PLAN & PROFILE

DATE 7/12/91