

1/30/78
Ed J
Dave
Clayton
Dennis
Art
Ken

2/3/78
Ed J
Dere T
Clayton
Dennis
Art
Ken

3/1/78
Clayton
Dennis
Arthur
Ken

- Laundry list
- Establish station requirements
 - Establish family of system curves
 - Determine pump availability
 - Determine pump motor characteristics
 - Determine power need
 - Determine power availability
 - Balance power needs against availability
 - Determine number/type of pumping unit
 - Determine size of pumping unit
 - Prepare pump structure program
 - Determine characteristics of electrical power equip
 - Prepare prelim power equip layout
 - Prepare power equip struct program
 - Prepare prelim site plan
 - Prepare prelim power service site, structural class for internal review/comment

- Program (outline)
- Prelim flow plan
 - Prelim flow charts
 - Prelim sizes of all elements
 - Prelim sections
 - Prelim performance specs
 - Prelim operating characteristics
 - Prelim site plan

Prelim design report includes:

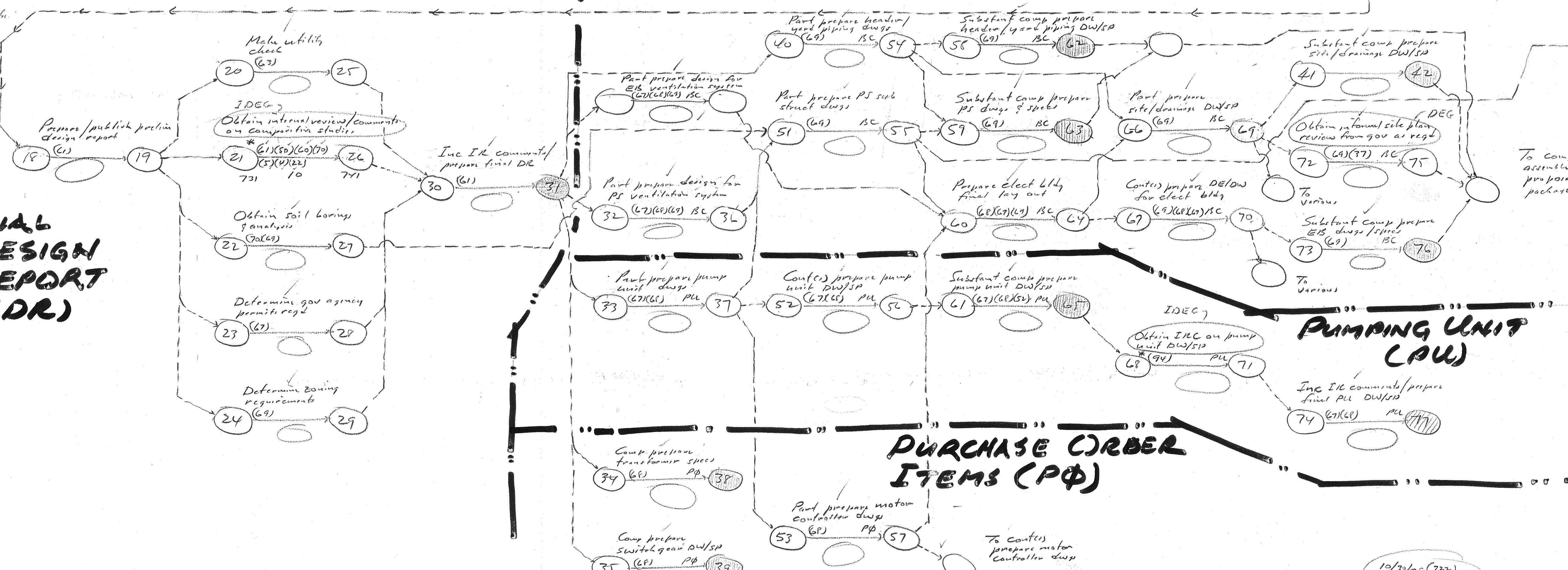
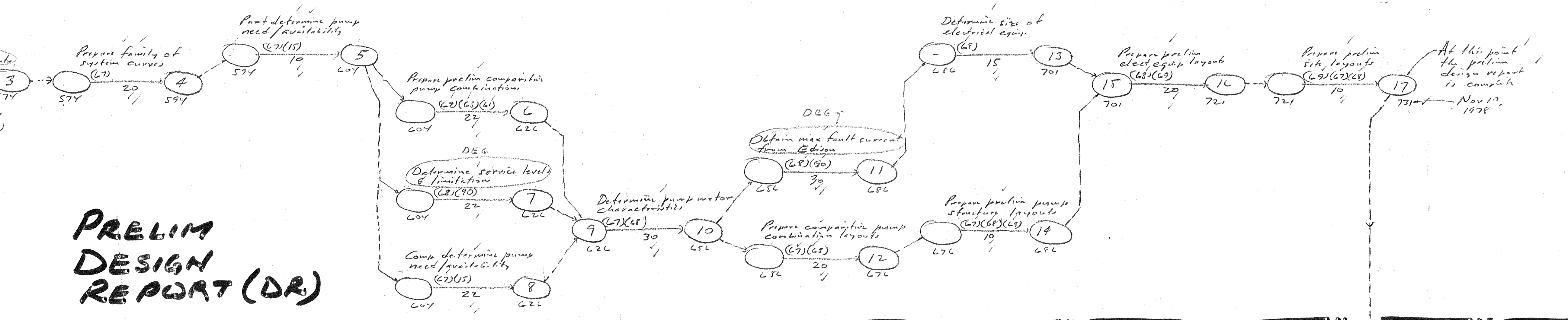
FINAL DESIGN REPORT (DR)

PRELIM DESIGN REPORT (DR)

BUILDING CONTRACTS (BC)

PUMPING UNIT (PU)

PURCHASE ORDER ITEMS (PO)



* General Notes
- IRC group consists of codes 61, 50, 60, 70, 5, 4, 22
- IRC code is 94

- Abbreviations
- T/R Time restraint
 - DE/DW Design & drawings
 - DE/SP Design & specs
 - IR Internal review
 - DR Design report
 - PO Purchase order items
 - PU Pumping unit items (includes site work & installation of PUs)
 - BC Building contract items
 - PS Pumping station
 - ES Electrical bldg
 - DEG Dependent gear tasks
 - DOEG Internal DEG

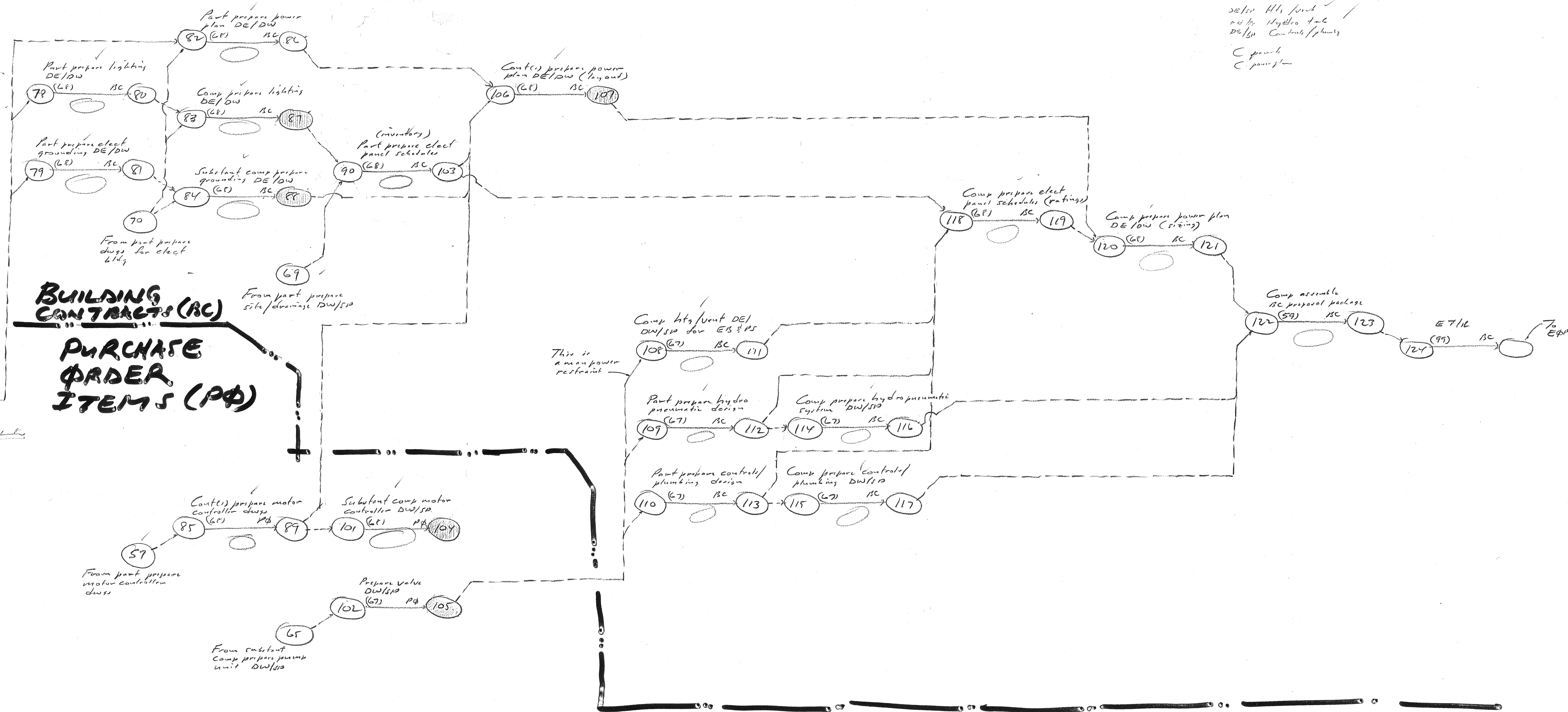
MONITORING RECORD			ISSUE RECORD	
DATE	DATE	DATE	ISSUE No.	DATE
			1	JAN 30, 78
			2	FEB 3, 78
			3	MAR 2, 78

Revised No. & Date

4/ 46
4/ 47
4/ 48
4/ 49
4/ 50

NETWORK MODEL FOR DESIGN OF TOSILANTI STATION - PERMANENT VAN BUREN TOWNSHIP PROJECT NO

RALPH J. STEPHENSON, P.E.
15064 WARWICK ROAD
DETROIT, MICHIGAN 48223
CONSULTANT PH 273-5026



Set for H/L point
 Set for hydro tank
 DE/SP Controls/plumbing
 C power
 C power plan

BUILDING CONTRACTS (BC)
PURCHASE ORDER ITEMS (PO)

10/30/78 (Rev)
 V.H.L.
 project

MONITORING RECORD			ISSUE RECORD	
DATE	DATE	DATE	ISSUE No.	DATE
			1	-
			2	FEB 3, 78
			3	MAR 2, 78

Reserved Node Nos.
 91 96
 92 97
 93 98
 94 99
 95 100

LN 78
 HN 124

NETWORK MODEL FOR
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PROJECT No.

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