

91:22

Macy's

KA Macy's - The Mall of America - disk ?

- I. **KA Macy's - The Mall of America**
- II. **Project Location - The Mall of America - Bloomington, Minnesota**
- III. **7:10:29 AM - Wednesday, May 1, 1991**
 - A. **Meeting in KA downtown office - Wednesday, May 1, 1991**
 - B. **Those attending**
 1. Bill Jarvis - project manager
 2. Donnie Willam - project superintendent
 3. Ralph J. Stephenson - consultant
 - C. **Those Involved**
 1. Kraus-Anderson
 2. Slomanson Smith & Barresi - Architects
 3. Gludice, Valerio & Associates - Structural Engineer
 4. Highland Associates - Mechanical-Electrical Engineers
 5. NODA, Norwood Oliver Design Assoc., Inc. - Interior Consultants
 6. Macy's - Owner
 7. Phoenix Steel - steel supplier & erector (subbed to Amerect) - earlier package
 8. Kamish - excavators
 9. Jessco - concrete & masonry
 10. Gage Brothers - precast architectural panels
 11. Anderson Iron - miscellaneous metals supplier
 12. High Five - miscellaneous metals erector
 13. Division 7 - metallic waterproofing & traffic topping
 14. Classic Drywall - elfs, spray on fp, load bearing studs
 15. Valley Building Products - cooling tower screen
 16. All Weather Roofing - roofing
 17. Carclofinl - joint sealers
 18. Glewwe - hollow metal
 19. Twin City Garage Door - overhead doors & grills
 20. Thompson Lock & Key - finish hardware & cashler's vault equipment
 21. Harmon Glass - glass & glazing, entrance doors
 22. Crystal Manufacturing - louvers
 23. Nordquist Sign - exterior signage
 24. Puggleasa - loading dock equipment
 25. Lin-EI - skylight
 26. Montgomery Elevator - hydraulic elevators & escalators
 27. Olson Fire Protection - standpipe system
 28. Horowitz - HVAC & plumbing
 29. ERC - Electrical
 - D. **Agenda**
 1. Review project scope with dwl and wja
 2. Prepare network model for entire current contract work - GC1
 3. Copy disks to hard drive and to floppy
 4. Print networks if time permits
 - E. **Bid packages**
 1. GC1 - Exterior shell package
 - F. **Project characteristics**
 1. **Project construction components**
 - ✓ Construct composite concrete decks
 - Install vault door

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- Drill & install elevator plunger casing
- Install floor drains at toilet, mechanical & restaurant areas
- Apply spandrel spray on fireproofing
- Apply interior spray on fireproofing
- Construct loading dock walls
- Install underground utilities at first floor slab on grade
- Install underground utilities at loading dock slab on grade
- Construct loading dock slab on grade
- Construct cellar slab on grade
- Install loading dock equipment
- Construct first floor slab on grade
- Erect interior masonry partitions
 - Stairwells & elevator shafts
 - Party wall at mall
 - Loading dock area
- Install standpipe
- Lay insulation & roofing
- Install skylight framing and glass (150' long by 30' wide - center section 42' x 42')
- Erect exterior architectural precast panels
- Install eifs exterior skin
- Form, reinforce, pour & strip vault at 2nd floor
- Install ext man doors, frames & hardware
- Install standing seam roof substrate
- Install standing seam metal roof
- Install and glaze ext storefronts
- Install equipment at mechanical equipment rooms - on 3rd floor
- Install escalators
- Install elevators
- Install 3 coil partitions at mall entrance

13
AM 5/24/91

AM
5/28/91
5/30/91

AM.
5/30/91
6/3/91

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- I. **KA Macy's - The Mall of America**
- II. **Project Location - The Mall of America - Bloomington, Minnesota**
- III. **General notes - to be updated as project proceeds**
 - A. **Project laundry list - added to general notes on June 12, 1991 (115)**
 1. **Superstructure - GC1**
 - Construct composite concrete decks
 - Apply spandrel spray on fireproofing
 2. **Building skin work - GC1**
 - Lay insulation & roofing
 - Install skylight framing and glass (150' long by 30' wide - center section 42' x 42')
 - Erect exterior architectural precast panels
 - Install eifs exterior skin
 - Install ext man doors, frames & hardware
 - Install standing seam roof substrate
 - Install standing seam metal roof
 - Install and glaze ext storefronts
 3. **Interior rough work - GC2**
 - Install underground utilities at first floor slab on grade
 - Construct loading dock walls
 - Drill & install elevator plunger casing
 - Install floor drains at toilet, mechanical & restaurant areas
 - Apply interior spray on fireproofing
 - Install underground utilities at loading dock slab on grade
 - Construct loading dock slab on grade
 - Construct cellar slab on grade
 - Install loading dock equipment
 - Construct first floor slab on grade
 - Erect interior masonry partitions
 - Stairwells & elevator shafts
 - Party wall at mall
 - Loading dock area
 - ✓ Install standpipe
 - Form, reinforce, pour & strip vault at 2nd floor
 - ✓ Install above floor sheet metal ductwork
 - ✓ Install above floor mechanical piping
 - ✓ Install above sprinkler piping
 - ✓ Install above floor rough electrical conduit & feeders
 - ✓ Install above floor rough security and safety rough in
 - ✓ Erect interior metal studs
 - ✓ Install stud wall in wall work
 - ✓ Install hard ceiling suspension & framing
 4. **Interior finish work - GC2**
 - ✓ Hang gyp board at stud walls
 - ✓ Tape & sand gyp board at stud walls

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- ✓ Hang hard ceiling gyp board
- ✓ Tape & sand hard ceiling gyp board
- ✓ Install ceramic tile at toilet rooms
- ✓ Install quarry tile at food service areas
- Install acoustic ceiling suspension & grid
- Install millwork and trim
 - Escalator well
 - Skylight
- Install doors and hardware
- Install light fixtures at ceilings
- Install grills & diffusers
- Install sprinkler heads and related ceiling tile
- Install toilet room vanities and plumbing fixtures
- Install toilet room partitions and accessories
- Install mechanical trim items
- Install electrical trim items
- Install architectural trim items
- Install fiberglass cove panels (gfrd - glass reinforced gypsum)
- install suspension & framing for fiberglass cove panels
- Install security and life safety devices and trim
- Paint required interior surfaces
- Apply vinyl wall covering
- Install vault door
- Install 3 coil partitions at mall entrance
- Clean up & move out

5. Systems work - GC2

- Install equipment at mechanical equipment rooms - on 3rd floor
- Install escalators
 - Install trusses
 - Install escalator machinery
 - Install escalator finish items
 - Test and approve escalators
- Install elevators
 - Install elevator rails
 - Install elevator equipment at machine room
 - Install elevator cab & finishes
 - Test and approve elevator

IV. 7:10:29 AM - Wednesday, May 1, 1991

A. Meeting in KA downtown office - Wednesday, May 1, 1991

B. Those attending

- 1. Bill Jarvis - project manager**
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- 3. Ralph J. Stephenson - consultant**

C. Those involved

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 5. **NODA, Norwood Oliver Design Assoc., Inc. - Interior Consultants**
 6. **Macy's - Owner**
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 26. **Montgomery Elevator - hydraulic elevators & escalators**
 27. **Olson Fire Protection - standpipe system**
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- D. Agenda**
1. **Review project scope with dwi and wja**
 2. **Prepare network model for entire current contract work - GC1**
 3. **Copy disks to hard drive and to floppy**
 4. **Print networks if time permits**
- E. Bid packages**
1. **GC1 - Exterior shell package**
- F. Project characteristics**
1. **Zones as determined by tenant - shown in finish sequence as specified**
 - Second floor
 - Zone A2
 - Rough mechanical & electrical work
 - 07/15/91 (137) am - start of work

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10/14/91 (202) pm - complete work

Finish work

01/20/92 (269) pm - complete work

Zone B2

Zone C2

First floor

Zone A1

Zone B1

Zone C1

Third floor

Zone A3

Zone B3

Zone C3

Zone D3

2. Project construction components (continued in general notes)

Construct composite concrete decks
Install vault door
Drill & install elevator plunger casing
Install floor drains at toilet, mechanical & restaurant areas
Apply spandrel spray on fireproofing
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Install equipment at mechanical equipment rooms - on 3rd
floor

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Install escalators

Install elevators

Install 3 coil partitions at mall entrance

V. 8:46:31 AM - Wednesday, June 12, 1991

A. Meeting in KA downtown office - June 12, 1991 (115)

B. Those attending

1. Bill Jarvis - project manager

2. Ralph J. Stephenson - consultant

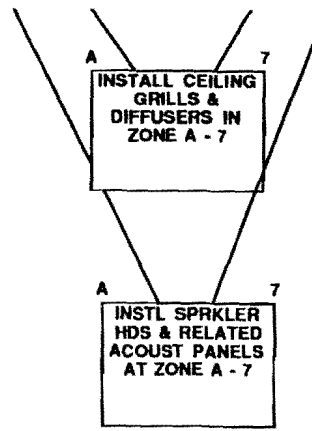
C. Agenda

1. Monitor current project status

2. Prepare GC2 laundry list

3. Prepare interior network models for

Levels 1, 2 & 3



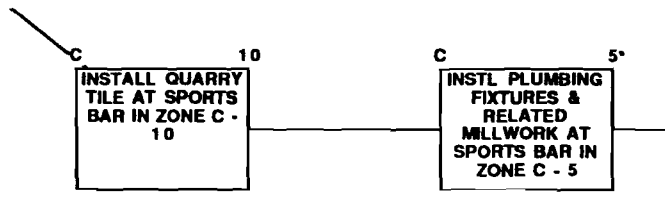
Level 2 Interior Work

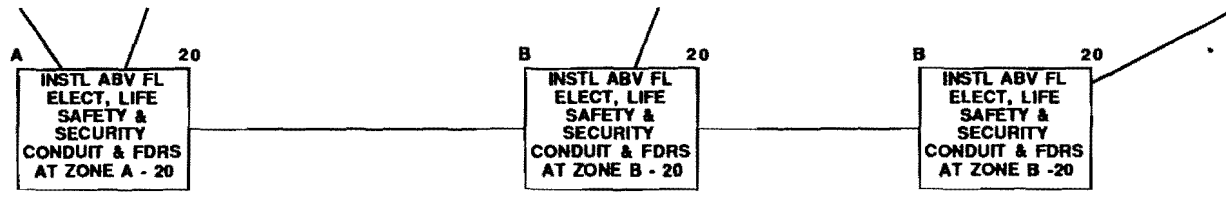
**NETWORK MODEL FOR MACY'S
THE MALL OF AMERICA
Bloomington, Minnesota**

**Kraus-Anderson Construction
Company - Minneapolis,
Minnesota**

Issue #1 - not issued
Issue #2 - June 12, 1991
i2eht#2 int wk macy
disk ?
Sheet format data:
Laser, 92/46% red, horiz

Ralph J. Stephenson PE PC
Consulting Engineer
323 Hiawatha Drive
Mt. Pleasant, Michigan 48858
ph 517 772 2537

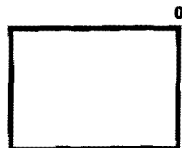




NOTE:

All float time in this plan of work is the property of Kraus-Anderson and is for their use only. Any use of float time by others is to be only with the written permission of Kraus-Anderson

Early start Duration
 Early finish



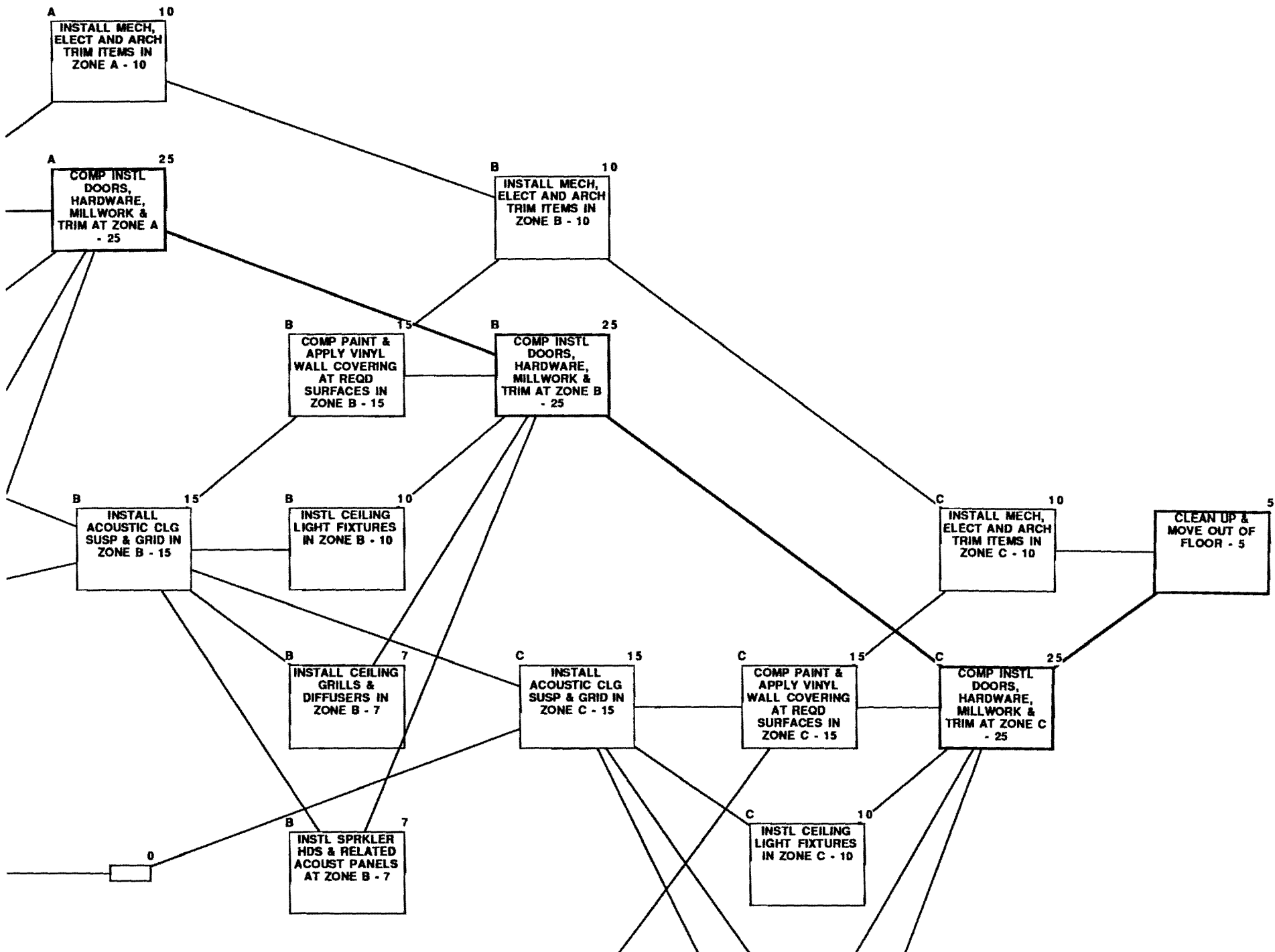
Latest start Latest finish

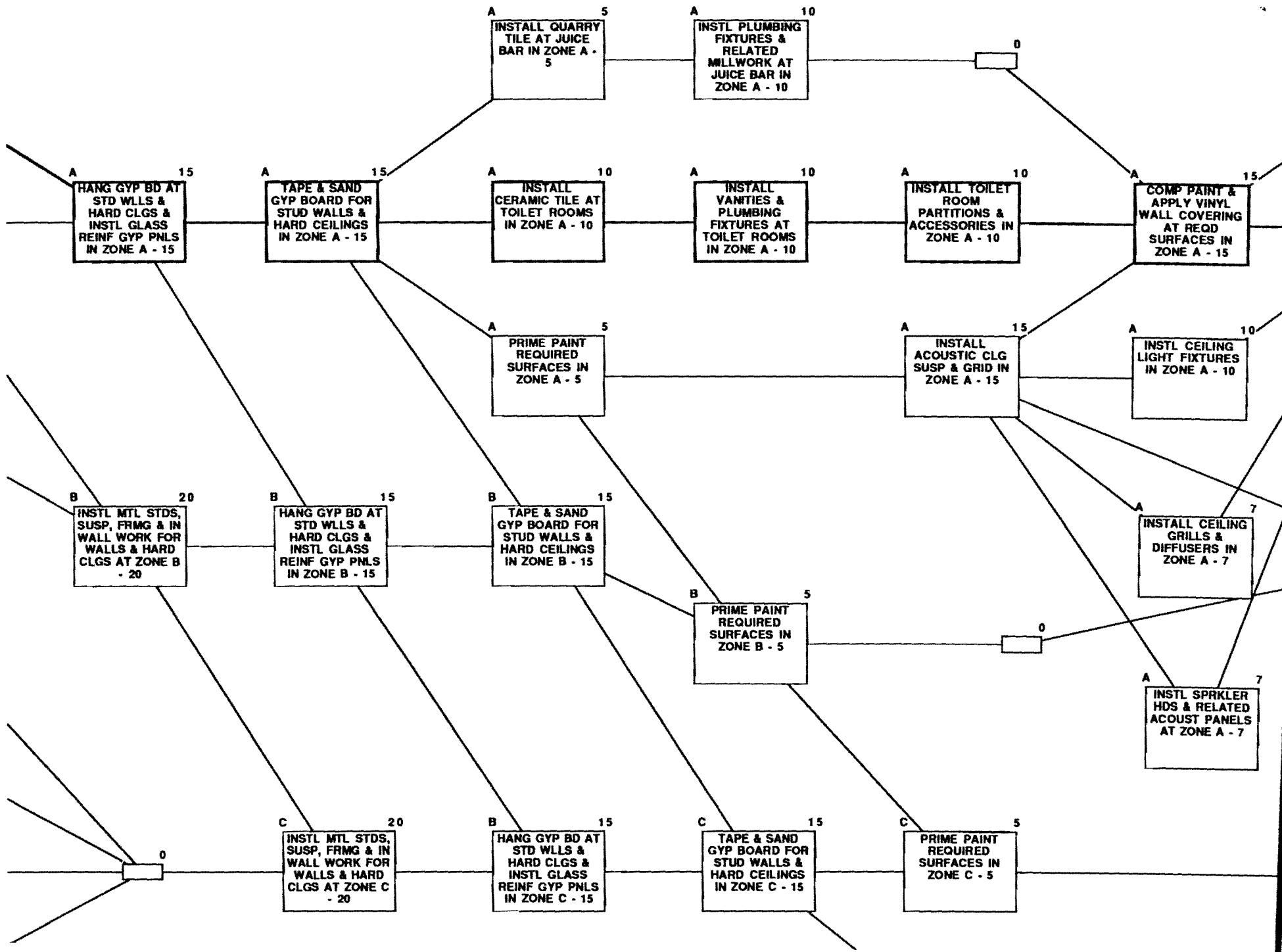
Activity Key

Reserved Activity Numbers

- 041 048
- 042 047
- 043 048
- 044 049
- 045 050

LAN - 001
 HAN - ?







FROM BUILDING
CLOSE IN POINT
- ASSUME
06/12/91 FOR
SIMULATION
ONLY

