

JOB DRAWINGS

GENERAL INFORMATION & NUMBERING PLANS

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1. GENERAL

1.1 Scope of Section

1.11 This section provides general information pertaining to job drawings and describes the numbering plans for the drawings most commonly used in installing Central Office Equipment.

2. DEFINITION

2.1 A job drawing is a drawing that is individual to a Central Office, Repeater Station or Customers Premises location and provides physical equipment and building layout information to the Installer.

3. FUNCTIONAL RESPONSIBILITY FOR

3.1 The functional responsibility for originating and updating job drawings lies with Systems Equipment Engineering.

4. NUMBERING PLAN

4.1 Job drawing numbers consist of the prefix "T", a base number of four digits or a character combination of three digits and a letter and the job drawing dash number. The components of the job drawing number are arranged in the order indicated above and each component is separated.

5. JOB DRAWING BASE NUMBERS

5.1 Job Drawing Base Numbers are assigned as follows:

5.11 Nonregional Engineered Orders

Newark

- 0001-0299 Manual and Toll
- 3300-8999 Manual and Toll
- 5A00-9A99 Manual and Toll
- 5B00-9B99 Manual and Toll
- 5C00-9C99 Manual and Toll
- 5D00-9D99 Manual and Toll
- 5F00-9F99 Manual and Toll
- 5H00-9H99 Reserved
- 9N80-9N89 (Nonassociated)

Chicago

- 0300-0999 Step-by-Step
- 1000-3299 Local Crossbar and Panel
- 9000-9999 Step-by-Step
- 0A00-4A99 Step-by-Step
- 0B00-4B99 Step-by-Step
- 0C00-4C99 Step-by-Step
- 0D00-4D99 Step-by-Step and No. 5 Crossbar
- 0F00-4F99 Step-by-Step
- 0H00-4H99 No. 5 Crossbar
- 1L00-1L99 No. 5 Crossbar
- 9N90-9N99 (Nonassociated)

5.12 Regional Engineered Orders

- | | |
|----------------------------|-----------------------|
| <u>Northeastern Region</u> | <u>Central Region</u> |
| (Newark) | (Chicago) |
| 5E00-9E99 | 0E00-4E99, 0M00-9M99 |
| 0J00-9J99 | 0L00-0L99, 2L00-9L99 |
| 0K00-9K99 | |

- | | |
|------------------------|-----------------------|
| <u>Southern Region</u> | <u>Pacific Region</u> |
| (Sandy Springs) | (Sunnyvale) |
| 0S00-9S99 | 0P00-9P99 |
| 0U00-9U99 | |

- | | |
|-----------------------|----------------------------|
| <u>Eastern Region</u> | <u>Southwestern Region</u> |
| (Cockeysville) | (Clayton) |
| 0R00-9R99 | 0T00-9T99 |
| 0V00-9V99 | |

Mountain-Northwest Region

- (Aurora)
- 0W00-9W99
- 0Y00-9Y99

5.13 Defense Activities Division

- 0G00-3G00
- 4G00-4G74
- 5G00-9G99

5.14 Alaska Communication System

4G75-4G99 (Reassigned from the Defense Activities Divisions to Newark)

5.15 Distributor Sales

Region	Assigned	FUT
N.E. & N.Y.	0N00-1N49	1N50-1N99
Sou.	2N00-2N99	3N00-3N29
East.	3N30-4N29	4N30-4N59
Cent.	4N60-5N59	5N60-5N89
Pac.	5N90-6N89	6N90-7N19
S.W.	7N20-8N19	8N20-8N49
M-N.W.	8N50-9N49	9N50-9N79

5.16 Master Route Map Assignments

Dwg. No.	Region
T-00E1-100	Northeastern
T-00S1-100	Southern
T-00R1-100	Eastern
T-00G1-100	Central
T-00P1-100	Pacific
T-00T1-100	Southwestern
T-00M1-100	Mountain-Northwest

5.2 All Floor Plans for buildings irrespective of where prepared, use the same base number. When a building serves more than one Company, only one base number is used for all Floor Plans, that base belonging to the local Company.

5.3 Relay Racks are assigned one dash number for a whole line-up unless otherwise requested by the telephone company. If this scheme has not been followed, cross reference notes to facilitate association of one drawing to another are shown.

6. JOB DRAWING DASH NUMBERS

6.01 Wiring Lists and Wiring List and Equipment Drawings

6.011 The First Digit is in All Cases

- 0 for Common (including Power)
- 1 for Manual, Toll and Toll Terminal
- 3 for Electronic Switching
- 4 for Panel
- 5 for No. 5 Crossbar
- 6 for No. 1 Crossbar and Crossbar Tandem
- 7 for Step-by-Step
- 8 for Traffic Service and Traffic Management
- 9 for No. 4 Toll Crossbar

(a) The second and third digits of a wiring list dash number will agree with the second and third digits of the associated job specification ordering new equipment with the following exceptions:

(b) Units furnished in conjunction with Switchboards (or Desks) and ordered in a -130 specification will

not appear on a -1300 Wiring List. The wiring for these units will be on the same Wiring List as the Switchboard (or Desk) if space permits. If room is not available, a separate Wiring List for the unit wiring is originated and numbered in continuation of the Switchboard (or Desk) Wiring List.

(c) Dash numbers of miscellaneous specifications, such as -92 are not used in numbering Wiring Lists.

(d) The fourth digit of a Wiring List dash number will be 0. In case two drawings are required for the same equipment, the fourth digit will be 0 for the first drawing and 1 for the second.

6.02 Key Sheets: Key Sheets are assigned dash numbers 1 thru 9.

6.03 Office Drawing and Floor Drawing Records: Office Drawing and Floor Drawing Records are assigned dash numbers 000 thru 009.

6.031 If only one drawing per office or floor is required -000 is used. If a second, third, etc. is required, a continuation of the first drawing (-001, -002, etc.) is used. If an office does not warrant the use of a special numbering plan and it is desirable to use an Office Drawing Record for each floor, a dash number corresponding to the floor number is used, such as -001 for the first floor, -002 for the second floor, etc.

6.04 Floor Plans: Floor Plans are assigned dash numbers 00 to 99.

(a) For both conventional and underground buildings a Floor Plan dash number is assigned to indicate the floor. If two or more drawings per floor are required, the letters A, B, C, etc. are added after the dash number to indicate that the Floor Plan is divided into sections.

6.05 Front Equipment Drawings

Type of Equipment	Dash Number
"A" Switchboards	110 to 112
"B" Switchboards	113 to 115
Toll Switchboards	116 to 118
Trouble Desks	119
Information Desks	120 to 129
Telegraph Switchboards and Service Boards	130 to 139

6.06 Power Drawings

Type of Equipment	Dash Number
Power Charge and Discharge Circuit	500 to 512
Power Ring Tones, Signals and Alarm Circuits	513 to 519
Power Board Front Equipment	520 to 531

<u>Type of Equipment</u>	<u>Dash Number</u>
Power Board Rear Equipment	532 to 539
Power Board Details	540 to 545
Machine Room Bus Bars	546 & 547
AC Bus Duct Layout	548 & 549
Battery Control or Fuse Panel Front and Rear Equipment	550 to 553
Battery Control or Fuse Panel Details	554 & 555
Battery Distributing Fuse Panels	556 to 561
Battery Distributing Fuse Panel Details	562
Power Conduit and Cable Running List and Frame and Aisle Lighting, Conduit Plans	563 to 570
Battery Bus Bar Plans	571 to 576
Conn. Bus Bars for Storage Battery Details	577 to 580
Power Cable and Bus Bar Support and Details	581 to 584
Power Beam Clamp Layout	585
Numbering of Dup. Drive Motor Switch Boxes	586 & 587
Gas Engine Guard Rails	588 & 589
Power Engine Alternator Circuits	590 & 591
Power Board Emergency Alternator Panels	592 to 595
Power Board Emergency Alternator Panel Details	596 to 598
Current Drains and Power Lead Capacity	599
Power Charge, Discharge and Service Circuits	770 to 779
Power Board Front and Rear Equipment	780 to 789
Discharge Fuse and Lead Designation Record Drawing	820 to 849

6.07 Cabling Drawings

	<u>Dash Number</u>
Cabling, Cable Rack and Framing Plans	600 to 639

Conventional Buildings

Basement	600
Basement or First Level, First Section	600A
First Floor	601
Second Floor, First Section	602A
Second Floor, Second Section	602B

Underground Buildings

Basement or First Level Beneath the Surface	600
Basement or First Level, First Section	600A
Second Level Beneath the Surface	60A
Second Level Beneath the Surface, First Section	60AA
Second Level Beneath the Surface, Second Section	60AB
Third Level Beneath the Surface, First Section	60BA
Third Level Beneath the Surface, Second Section	60BB

<u>Underground Buildings</u>	<u>Dash Number</u>
Office Formed Cable Record Drawing	640 to 649
Schematic-Relay Rack Grounding	650 to 659
Tube Cooling and Power Lead Duct Equipment	660 to 669
Detail Use and Cross Sections	670 to 679 & 693 to 699
Office Framework Record Drawing or "Weights of Frame"	680 to 689

6.08 Step-by-Step Job Drawings

<u>Equipment</u>	<u>Dash Number</u>
Cross Connection Charts, Traffic Schematics and Selector Frame Equipment Drawings	300 to 370 & 390
ANI Cross Connection, Assignment, and Miscellaneous Charts	380 to 389
Office Alarm Frame Equipment	391 to 399
Cross Connection Charts	400 to 417
Traffic Schematics	418 to 420
Selector Frame Equipment	421 to 499
Connector Frame Equipment	800 to 812
Repeater Frame Equipment	813 & 814
Pickup Test Panel Equipment	815 & 816

6.09 Panel and Local Crossbar Job Drawings

<u>Equipment</u>	<u>Dash Number</u>
Line Finder or Line Switch Equipment	300 to 303
Line Relay Equipment	304 to 307
Dist. Sender Selector or Link Equipment	308 & 309
Dist. Sender Selector or Sublink Table of Connections	310 & 311
Special "A" Position Sender and Sender Selector	312 & 313
"B" Sender and Link Circuit Equipment	314 & 315
Subsender Equipment	316 & 319
Local Sender Equipment	320 & 321
Incoming or Dial Zero Sender Equipment	322 & 323
Incoming Sender Selector Equipment	324 & 325
Translator Equipment	340 & 341
Distributor Frame Equipment	342 & 345
Special "A" Position Dist. Selector Equipment	346 & 347
Office Frame Equipment	348 & 351
Incoming Frame Equipment	352 to 359
Final Frame Equipment	360 & 361
Misc. Interrupter Frame Equipment	362 & 363
Dist. Interrupter Frame Equipment	364
ANI Cross Connection, Assignment and Miscellaneous Charts	380 to 389
Alarm Equipment	394 to 396
Miscellaneous	397 to 419

<u>Equipment</u>	<u>Dash Number</u>
Miscellaneous, Cross Connection Charts, Interconnection Drawings and Cabling Schematics	430 to 474
Terminal Strip Numbering	420 to 429
Mounting Plate Equipment	475 & 476
Designation Card Numbering	477 to 479
Assignment of Transfer Trunks to Transfer Trunk Link Frame and Transfer Register Link Frames-Charts	480
Assignment of Incoming and Interoffice Trunks to Transfer Link Frames-Chart	481
Assignment of Orig. Reg., Inc. Regs., Trfr. Regs. to Grp. Busy Ckt.	482

6.10 Manual Toll, Toll Terminal and Dial System Job Drawings

<u>Equipment</u>	<u>Dash Number</u>
MDF or CDF Equipment	140 to 148
Mezzanine Platform	149
IDF, DDF or TDF Equipment	150 to 169
Relay Rack Equipment	170 to 209
Fuse Bays and Misc. Fuse Panels on Misc. Relay Racks	210 to 229
Traffic Register Rack Equipment	230
Line Message Register Rack Equipment	231
Other Message Register Rack Equipment	232 to 237
Misc. (includes frwk. and eqpt. sketches and assignment dwgs. and details)	238 to 239
Traffic Schematics	240 to 249
Alarm Application Schematics and Terminal Strip Strapping	394 to 396
Interconnection Drawings	400 to 429
Fire detection System Schematic	845 to 849
Relay Rack Equipment	850 to 948

6.11 Manual, Toll and Toll Terminal Job Drawings

<u>Equipment</u>	<u>Dash Number</u>
Front Eqpt. Toll Switchboards	116 to 118
Application Schematics, Fuse Bays and Misc. Fuse Panels on Misc. Relay Racks	251 to 289
Alarm System Application Schematics (K Carrier)	250
Cross Connections	290 to 299
TU Switching System Paired Value Tables	389 & 390
"L" Carr Interconn & Carrier	400 to 403
Supply assign dwg	949
Waveguide Details	949
Plot Plans for Turnkey Orders	0100 to 0109

6.12 No. 101 ESS Job Drawings

<u>Equipment</u>	<u>Dash Number</u>
Fuse Assignment and Multiple Trunk Relay Frame	245
Assignment Chart-Trunk Logic Circuit	330
Assignment Chart-Trunk Logic and Multiple Tables	331
Assignment of Trunks to Sectors and Switch Units	332
Wiring List and Equipment-Maintenance Sender Frame	3210
Wiring List and Equipment-Card Processor and Line Data Frames	3220
Wiring List and Equipment-Digit Data Frame	3230
Wiring List and Equipment-Toll Control Frame	3240
Wiring List and Equipment-Trunk Relay Frame	3241
Wiring List and Equipment-2A, 3A and 4A Switch Units	3250-00 and Up
Wiring List and Equipment-Line Connector Equipment	3260-00 and Up

6.13 No. 1 ESS Job Drawings

<u>Equipment</u>	<u>Dash Number</u>
Equipment - Distributing Frame	140
Equipment - Misc. Trunk Frame	170 to 179
Equipment - Misc. Power Frame	180
Equipment - Misc. Frame	182 to 188
Assignments - Bus Terminating Resistor	285
Equipment - Power Distribution Frame	311 to 313
Assignments - Signal Distributor	460
Assignments - Signal Distributor	461
Assignments - Master Scanner Applique	
Assignments - Master Scanner Frame	463
Assignments - Central Pulse Distributor Frame	464
Assignments - Signal Distributor Applique	465
Assignments - Interrupter Applique	467
Tone Removal Applique Assignment	468
Equipment - Ring and Tone Power Plant	513 to 519
Wiring List and Equipment - Misc. Power Frame, Recorded Announcement Frame, Misc. Frame	3300

<u>Equipment</u>	<u>Dash Number</u>	<u>Equipment</u>	<u>Dash Number</u>
Wiring List - Software Programs	3570	Position Group Gate Frame (PGG), ONI Frame (AIS)	8160
Wiring List and Equipment - Power Distributing Frame	3690	Position Scanner Frame (PS)	8161
Wiring List and Equipment - Line Switching Frame	3840-00 and Up	Position Buffer Frame (PB)	8162
Wiring List and Equipment - Trunk Switching Frame	3841	Position Signal Distributor Frame (PSD)	8163
Wiring List and Equipment - Junctor Switching Frame	3842	Recorded Announcement Frame (RA)	8170
Wiring List and Equipment - Junctor Frame	3843	Miscellaneous Frame (M)	8171
Wiring List and Equipment - Junctor Group Frame	3844	Teletypewriter Buffer Frame (TTYB)	8172
Wiring List and Equipment - Memory Card Writer Unit	3850	Automatic Message Accounting Frame (AMA)	8240
Wiring List and Equipment - Automatic Message Accounting Teletypewriter Frame	3851	Time of Day Frame (TD)	8241
Wiring List and Equipment - Control Display and Test Frame	3852	Traffic Data Converter Frame, TUR Converter Units, Remote Recorder Frame Encoder Units, Traffic Data Converter Summarizer	826X
Wiring List and Equipment - Supplementary Trunk Tester Frame	3853	Miscellaneous Fr (AIS)	8300
Wiring List and Equipment - Universal Trunk Frame	3860	Control Display Program Tape and TTY Frame (CD-TTY-PT)	8321
Wiring List and Equipment - Misc. Trunk Frame	3861	Trunk Test Frame (AIC)	8330
Wiring List and Equipment - Misc. Trunk Frames Equipped with Plug-ins	3862	Service Observing Equipment Frame	8380
Wiring List and Equipment - Central Pulse Distributor Frame	3873	Service Observing Facilities (Desks, Sets)	X38X
Wiring List and Equipment - Master Scanner Frame	3874	Maintenance Test Sets	8470
Wiring List and Equipment - Bus Terminating Resistors and Common Buses for Peripheral Units	3876	Multifrequency Receiver Frame (AIS)	8510
Wiring List and Equipment - Central Processor Frame, Central Control Frame	3880	Software	857X
Wiring List and Equipment - Maintenance Frames, Signal Processor Frame	3881	6V Power Converter Frame (AIC)	8650
Wiring List and Equipment - Program Store Frames	3882	Power Distributor Frame (AIC)	8690
Wiring List and Equipment - Call Store Frames	3883-00 and Up	Power Distributing Frame (Local) (PD)	8690
Wiring List and Equipment - Centrex Control Frame	3884	Power Distributing Frame (Remote) (RPD)	8691
100B Console; Chief Operator Administration Cabinet, Central Supervisory Console Unit and Group Administration Cabinets	8130	Misc. Power Distributing Frame (MP)	8692
Traffic Studies Positions, Position with Key Controlled Calls, CIB Positions, Monitoring Positions, Traffic Register Cabinets and Cameras, Operator Training Equipment	813X	Power Distributing Frame (AIC)	869X
		Trunk Link Network Frame (TL)	8770
		Junctor Switch Buildout Frame (JSBO-TLN)	8771
		Trunk Switch Buildout Frame (TSBO-TLN)	8772
		Position Link Network Frame (PL)	8773
		Junctor Switch Buildout Frame (JSBO-PLN)	8774
		File Control Frame (AIC) - Number Storage File (AIS)	877X
		Maintenance Frame (AIC)	8850
		Universal Trunk Frames (2-Wire and 4-Wire) (UT)	8860
		Miscellaneous Trunk Frames (MT)	8862
		Processor Frame (SPC)	8870
		Frame (SPC)	8871
		Store Master Scanner (AIS)	887X
		V4 and E6 Repeater Equipment	8910
		Signal Distributor Frame (SD)	8950
		Central Pulse Distributor Frame (CPD)	8951

<u>Equipment</u>	<u>Dash Number</u>	<u>Description</u>	<u>Dash Number</u>
Master Scanner Frame	8952	CiB AUX Service Pos No 3A	8130
Bus Terminating Resistor and Communication Buses (TSPS)	8953	or 3B	
W.L. SPC (TSPS) Communication Buses & Bus Terminating Resistor	8954	Traffic Studies Positions, Position with Key Controlled Calls, Monitoring Positions, Consoles 3A,3B,3C	813X
W.L. ETS Communication Buses & BTR	9953	Traffic Register Cabinets and Cameras	813X
W.L. SPC Communication Buses & BTR	9954	Operator Training Equipment	813X
		Position Group Gate Frame (PGG)	8160
<u>6.14 Traffic Service, Traffic Manage- ment and Electronic Translator Systems</u>		ONI Frame (AIS)	8160
		Position Scanner Frame (PS)	8161
		Position Buffer Frame (PB)	8162
		Position Signal Distributor Frame (PSD)	8163
<u>Description</u>	<u>Dash Number</u>	Recorded Announcement Frame (RA)	8170
Distributing Frame - Frame- work	140	Miscellaneous Frame (M)	8171
Miscellaneous Trunk Frame Equipment	170 to 179	Teletypewriter Buffer Frame (TTYB)	8172
Power Distributing Frame (Local) - Equipment	180	Announcement Machine (AIS)	8180
Miscellaneous Frame Equipment Layout	182 to 188	Automatic Message Accounting Frame (AMA)	8240
Bus Term Resis. Assgn. Record End Guard Nbrs.	285	Time of Day Frame (TD)	8241
Power Distributing Fuse Assignment (PD)	311	Traffic Data Converter Frame TUR Converter Units Remote Recorder Frame Encoder Units	X26X
Power Distributing Remote Fuse Assignment (RPD)	312	Traffic Measurement System No. 1A	
Miscellaneous Power Distribu- ting Fuse Assignment (MPD) & Cable Running List	313	Traffic Data Summarizer	826X
Signal Distributor Universal Trunk Assignment (SD UT)	460	Misc. Fr. (AIS)	8300
Signal Distributor Assign- ments, Signal Distributor Store Monitor Lockout - SPC	461	Control Display and Test Frame (CDT)	8320
Remote Master Scanner Applique Assignment	462	Control Display Program Tape and TTY Frame (CD-TTY-PT)	8321
Master Scanner Assignment (MS)	463	Trunk Test Fr (AIS)	8330
Central Pulse Distributor Assignment (CPD)	464	Service Observing Equipment Frame (SO) (TSPS No. 1)	8380
Signal Distributor Applique Assignment (TSPS)	465	Service Observing Facilities (Desks, Sets) (AIC)	X38X
Interrupter Applique Assign- ments	467	Maintenance Test Sets	8470
Tone Removal Applique Assign- ment	468	Multifrequency Receiver (AIC)	8510
Operator Cut Thru Unit Assign.	469	Software (SPC)	857X
Trunk Link Assignment Chart	470	Software (AIC)	857X
Position Link Assignment Chart (PL)	472	6 Volt Power Converter Frame (AIC & CiB)	8650
Repeater, Universal Trunk and Trunk Line Assignment Chart	473	Power Distributing Frame (AIC)	8690
Signal Distributor Assign- ments (ETS)	491	Power Distributing Frame (Local) (PD)	8690
Master Scanner Assignments (ETS)	493	Power Distributing Frame (Remote) (RPD)	8691
Central Pulse Distributor Assignments (ETS)	494	Miscellaneous Power Distribu- ting Frame (MP)	8692
Peripheral Scanner Assign- ments (ETS)	495	Power Distributing Frames (CiB)	869X
100B Console; Chief Operator Administration Cabinet, Central Supervisory Console Unit and Group Administration Cabinets	8130	Trunk Link Network Frame (TL)	8770
		Junctor Switch Buildout Frame (JSBO-TLN)	8771
		Trunk Switch Buildout Frame (TSBO-TLN)	8772
		Position Link Network Frame (PL)	8773
		Junctor Switch Buildout Frame (JSBO-PLN)	8774

<u>Description</u>	<u>Dash Number</u>	<u>Equipment</u>	<u>Dash Number</u>
File Control Frames (AIC)	877X	Wiring List - Miscellaneous Power Fr.	-3301
Number Storage File FR (AIS)	877X	Wiring List - Maintenance Test Sets	-3470
Supplementary Maintenance Frame (AIS)	8850	Wiring List - 6 Volt Converter Frame	-3650
Universal Trunk Frames (2-wire & 4-wire) (UT)	8860	Wiring List - Ring and Tone Frame	-3651
Miscellaneous Trunk Frames (MT)	8862	Wiring List - Power Distributing Frame	-3690
Supplementary Connector, Trunk Frame Connector, Trunk Frames (AIS)	8860	Wiring List - Line and/or Trunk Switch Frame	-3840
Processor Frame (SPC)	8870	Wiring List - Network Control Junctor Switch Fr.	-3841
Store Frame (SPC)	8871	Wiring List - Junctor Grouping Fr.	-3842
Master Scanner (AIS)	887X	Wiring List - Maintenance Center Fr.	-3850
Central Processor Frame (AIS)	8880	Wiring List - Trunk Test Fr.	-3851
Maintenance Center Frame (AIS)	8881	Wiring List - Automatic Message Accounting Fr.	-3852
Program Store Frame (AIS)	8882	Wiring List - Miscellaneous Trunk Fr.	-3860
V4 and E6 Repeater Equipment	8910	Wiring List - Universal Trunk and Junctor Fr.	-3861
Signal Distributor Frame (SD)	8950	Wiring List - Master Scanner Fr.	-3870
Central Pulse Distributor Frame (CPD)	8951	Wiring List - Central Processor Fr.	-3880
Master Scanner Frame (MS)	8952	Wiring List - Program Store Fr.	-3881
Bus Terminating Resistor & Communication Buses (TSPS)	8953	Wiring List - Communication Bus	-3882
Teletype Buffer Fr Miscellaneous Fr	915X	Wiring List - Supplementary Call Store Fr.	-3883
Control Display Program Tape & TTY (ETS)	931X	Wiring List - Supplementary Central Pulse Distributor Fr.	-3884
Power Distributor (ETS)	969X		
Software (ETS)	975X		
Alarm & Display Frame	983X		
Distributor Resistor	986X		
Processor Frames (ETS)	9870		
Store Frame (ETS)	9871		
Signal Distributor Frame (ETS)	9950		
Central Pulse Distributor Frame (ETS)	9951		
Master Scanner Frame (ETS)	9952		

6.15 NO. 2 ESS JOB DRAWING

<u>Equipment</u>	<u>Dash Number</u>
CDF - Equipment Assignments	-140
Equipment - Misc. Power	-180
Equipment - Misc. Trunk Fr.	-170-00 & UP
Equipment - UT and Jctr. Fr.	-170 to 179
Equipment - Power Distribution Fr.	-311
Master Scanner & TCS Strapping Assignments - Milliwatt Distributor	-420-00 & UP -441
Assignments - Peripheral Decoder	-462
Assignments - MS and TSC	-463-00 & UP
Assignments - Central Pulse Distributor	-464
Assignments - Peripheral Decoder and Applique	-465
Assignments - MS and Remote MS Applique	-466
Assignments - Interrupter Applique	-467
Wiring List - Recorded Announcement Fr.	-3300

7. "EQUIPMENT AND TRUNK MULTIPLE TABLE FOR TRUNK RELAY RACK FRAMES" DRAWINGS

7.1 This format combines the features of the Trunk Multiple Chart and Equipment Drawing on a single drawing of Tabular Format. Drawings of this type are numbered in the Relay Rack Equipment Drawing Series and are listed under "Framework, Assembly and Equipment Drawings" in Job Specifications.

8. "TABLES FOR TRUNK RELAY RACK FRAMES" DRAWINGS

8.1 In conjunction with the drawing specified in Paragraph 204 a form drawing is used which combines all the Trunk Multiple Chart Miscellaneous Tables. This drawing will be numbered -401 and will be listed under "Circuit and other Maintenance Drawings" in Job Specifications.

9. SPECIAL NUMBERING PLAN

9.1 A special numbering plan in which the floor number is included in the Job Drawing Number may be used where equipment is located on more than one floor. Under this plan, an Office Drawing Record

is prepared for the office, and a Floor Drawing Record for each floor involved. Job Drawing Dash Numbers with the exception of Office Drawing Records, Floor Plans, Cabling Plans, Cable Rack Drawings and Auxiliary Framing Drawings are assigned on a floor basis as illustrated below.

T-XXXX-000 Office Drawing Record
 T-XXXX-03-000 Floor Drawing Record, 3rd Floor
 T-XXXX-02-XXX Relay Rack Equipment, 2nd Floor
 T-XXXX-04-XXXX Wiring List, 4th Floor

9.11 Under this special numbering plan the floor number is used as the drawing dash number on floor Plan Drawings and the Floor number preceded by the numeral "6" for Cable Racking and Auxiliary Framing Drawings as illustrated below:

T-XXXX-01 Floor Plan, 1st Floor
 T-XXXX-601 Cabling Plan, 1st Floor

10. SPECIAL MIDDLE-FIX DESIGNATIONS

10.1 A Special Middle-Fix Designation is included as part of a Job Drawing number when

- (a) The Job Drawing is associated with an ESS installation.
- (b) The telephone company has specifically requested its use.
- (c) There will ultimately be more than one Marker Group, ESS Control Group or Switching Unit in the same building.

10.11 Assignments of broad category Middle-Fix symbols to Switching Systems are as follows:

<u>System</u>	<u>Middle-Fix</u>	<u>Example</u>
ESS No. 101	A0 to A9 B0 to B9	T-XXXX-A0-3XXX
ESS No. 1 (2W, 4W, ADF, AUTOVON)	C0 to C9 D0 to D9	T-XXXX-C0-3XXX
ESS No. 2 (2W)	E0 to E9	T-XXXX-E0-XXXX
Crossbar No. 4	F0 to F9	T-XXXX-F0-9XXX
Crossbar No. 5 Panel	M0 to M9 P0 to P9	T-XXXX-P0-4XXX
Traf. Serv. Pos. No. 1 Step-by- Step	R0 to R9 S0 to S9	T-XXXX-R0-8XXX
Crossbar Tandem AIS or CIB	T0 to T9 V0 to V9	T-XXXX-T0-6XXX
Crossbar No. 1	X0 to X9	T-XXXX-X0-6XXX

10.12 Job drawings exclusively excepted from the use of a middle-fix symbol are floor and Cabling Plans and such other drawings which reflect information common to more than one type of Switching System such as IDF, TDF, MDR, Fuse Bay and Power Drawings.

10.13 Switching Systems with equipment located on different floors reflect the same middle-fix symbol.

11. EXPANDED JOB DRAWING DASH NUMBERS

11.1 To limit the quantity of "dash numbers" required when single sheet job drawings were split into two or more sheets, an expanded dash number scheme was introduced for the following types of drawings.

11.2 Selector Distributing Terminal Assembly (DTA) and Selector Frame Drawings

(a) The numbering plan for these drawings is based on grouping by type of Selector, i.e., first Selector, second Selector etc., by frame under a distinctive drawing dash number. The following drawing number arrangement illustrates this format. T-XXXX-421-01 indicates selector frame 101-2. This number indicates the type of selector (first Selector in this case).

(b) The following examples shows a list of first, fifth and Toll Selector expanded job drawing dash numbers to illustrate the association of the expanded dash number with the type of selector and the frame number.

(c) All 20 capacity DTA drawing numbers use the odd Selector Bay numbers, namely 01, 03, 05 etc., regardless of whether the odd number bay is in place or not. All 10 capacity Selector Bays use consecutive dash numbers such as XXX-01, XXX-02 etc., since these Bays are numbered consecutively.

T-XXXX-421-01	Sel. Fr. 101
-421-11	" " 111
T-XXXX-425-01	" " 501
-425-03	" " 503
T-XXXX-426-01	" " 601
-426-02	" " 602
-426-03	" " 603

(d) It is not intended that Miscellaneous Selector Frame Equipment Drawing dash numbers be included in the expanded dash number plan. Drawings containing miscellaneous frames numbered M1, M2 etc., and Automatic Electric Company or similar frames numbered with a letter suffix (101A, 202A, etc.), use regular dash numbers in the -431 and VP Series.

11.3 Crossbar System Relay Rack Trunk Multiple Chart Drawings

(a) The expanded numbering scheme for these drawings utilize suffix numbers from -00 to -99 added to the dash number for each drawing. The suffix number is part of the drawing number and should not be considered a set in the multiple sheet. The application of this plan is based upon grouping the bays in any one or more ways to provide individual flexibility to suit job conditions. The bays are grouped in each drawing series by floors, aisles, line-ups or any combinations of these methods which provide the most flexible arrangement in the office.

11.4 Distributing Frame Drawings

(a) Typical drawing numbers showing the expanded dash numbers are as follows:

T 1234-140-00 MDF VERTS. 1-20
T 1234-140-01 MDF VERTS. 21-40

11.5 L Carrier Intercom and Carrier Supply Assignment Drawings

(a) Typical Examples of Dash Numbers
T 1234-400-00 Intercom Index Record
T 1234-400-01,-02 etc. Intercom Record
T 1234-401-00 Carrier Supply Index and Flow Chart

T 1234-401-01,-02 etc. Carrier Supply Records
T 1234-402-00,-01,-02 etc. Systems Association Drawings
T 1234-403-00,-01 etc. E-I Alarms

11.6 Wiring Lists and Relay Rack Drawings

(a) The expanded dash number scheme utilizes suffix number 00 TO 99, however, unique building conditions may necessitate the employment of additional dash numbers.

12. ISSUE NUMBERS ON MULTISHEET JOB DRAWINGS

12.1 Permanent issue numbers are no longer shown in the issue column on all sheets of a multisheet job drawing. The permanent issue number will only appear on the first sheet. Penciled issue numbers will appear above the title box on all other sheets.

→ Arrowed lines indicate new or changed information.

Manager, Engineering Practices

Reason for Reissue:
To add latest information.