

Appendix B

Record Drawings

	Page
Introduction	B-1
Medical Center A	
First Floor Key Plan.....	B-3
First Interstitial Key Plan.....	B-4
Third Floor Key Plan.....	B-5
Third Interstitial Key Plan	B-6
Allocation of Interstitial Space-Typical.....	B-7
Typical Interstitial Space Composite Sections	B-8
Interstitial Space Details and Sections	B-9
First Floor Interstitial Plan Area A	
Power, Lighting and Communications.....	B-10
Typical Interstitial Space Composite Plan	B-11
Medical Center B	
Basement Floor Composite Plan.....	B-12
Interstitial Zoning and Services Arrangement	B-13
Basement S-3 Level Interstitial Plan	B-14
First Floor S-3 Level Interstitial Plan	B-15
Fourth Floor S-3 Level Interstitial Plan	B-16
Interstitial Typical Details.....	B-17
Medical Center C	
Building Gross Section	B-18
Typical Interstitial Space Comp. Plan & Section .	B-19
Partial Interstitial Floor Plan – West	B-20
Pneumatic Tubes / ABC Riser Diagram	
& Schedule	B-21

This page intentionally left blank.

Introduction

The following documents were obtained during the field surveys of the example Medical Centers. They are included with this Supplement as examples of some of the information provided in the construction documents of previous projects to illustrate the VAHBS concept to the Contractor.

This page intentionally left blank.

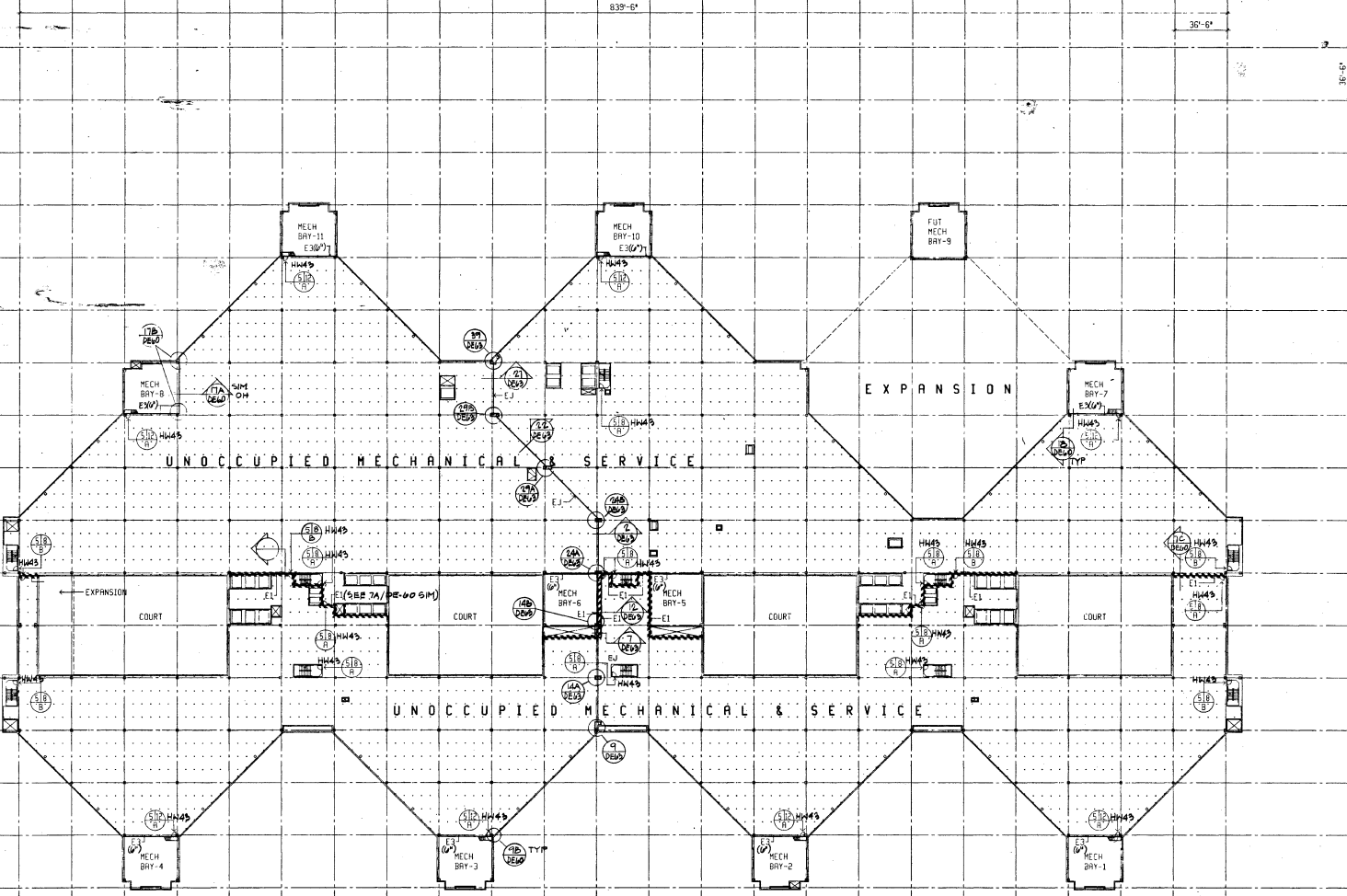
25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2

839'-6"

38'-6"

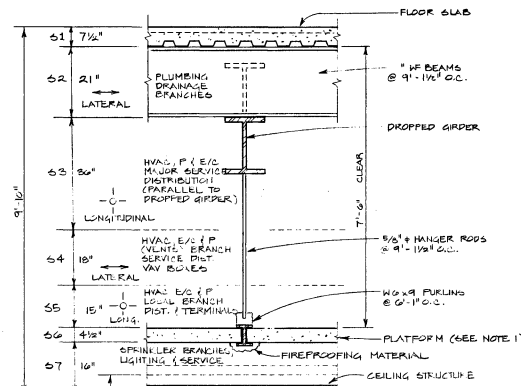
A
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R
S

SHEET NOTES
1. SEE GENERAL INTERSTITIAL NOTES,
DRAWING 100-2.



Third Interstitial Key Plan B-6

THREE INCHES = ONE FOOT
ONE AND ONE HALF INCHES = ONE FOOT
ONE INCH = ONE FOOT
THREE QUARTERS INCH = ONE FOOT
ONE HALF INCH = ONE FOOT
THREE EIGHTH INCH = ONE FOOT
ONE QUARTER INCH = ONE FOOT



SECTION
SCALE: 3/4" = 1'-0"

NOTES:

1. EXCEPTIONS TO CEILING & PLATFORM HEIGHTS OCCUR AT SURGERY, CHAPEL, MAIN LOBBY, AUDITORIUM & OTHER INDIVIDUAL ROOMS... REFER TO ARCHITECTURAL & STRUCTURAL PLANS.

EXHAUST SHAFT H-15 (40' TO 1ST FLOOR ONLY)

MECHANICAL BAY #8

4 SPACES @ 9'-1 1/2" O.C.

TYPICAL HANGER ROD LOCATIONS

MECHANICAL BAY #11

MECHANICAL BAY #10

MECHANICAL BAY #12

MECHANICAL BAY #9

MECHANICAL BAY #7

MECHANICAL BAY #6

MECHANICAL BAY #5

EXHAUST SHAFT H-12 (60' FLOOR ONLY)

MECHANICAL BAY #3

MECHANICAL BAY #2

MECHANICAL BAY #1

5'-4" CHANNEL ASSIGNMENT LATERAL BRANCH DISTRIBUTION

6'-3" CHANNEL ASSIGNMENT LONGITUDINAL MAIN DISTRIBUTION

LEGEND

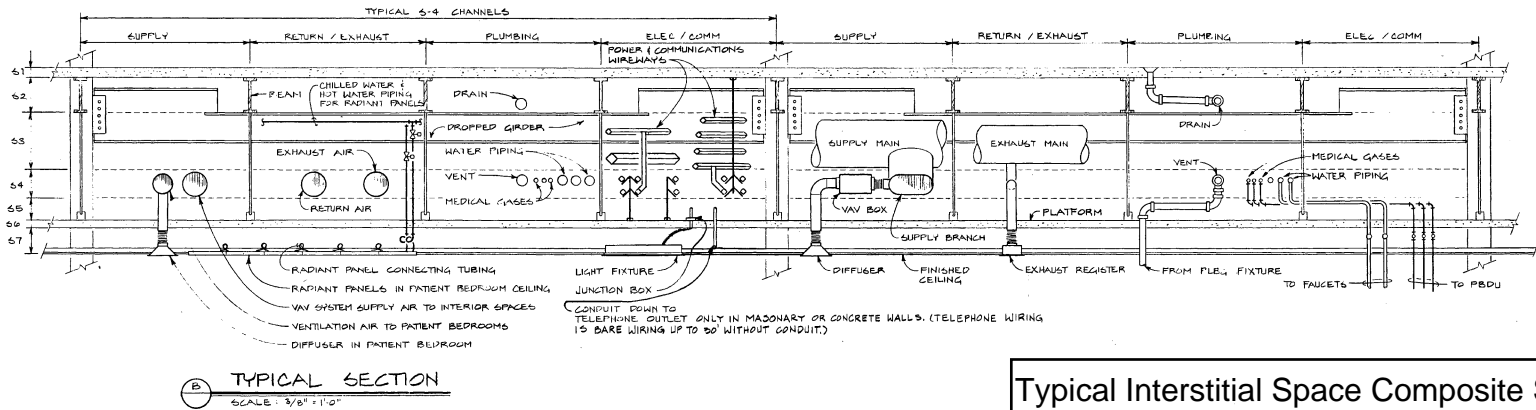
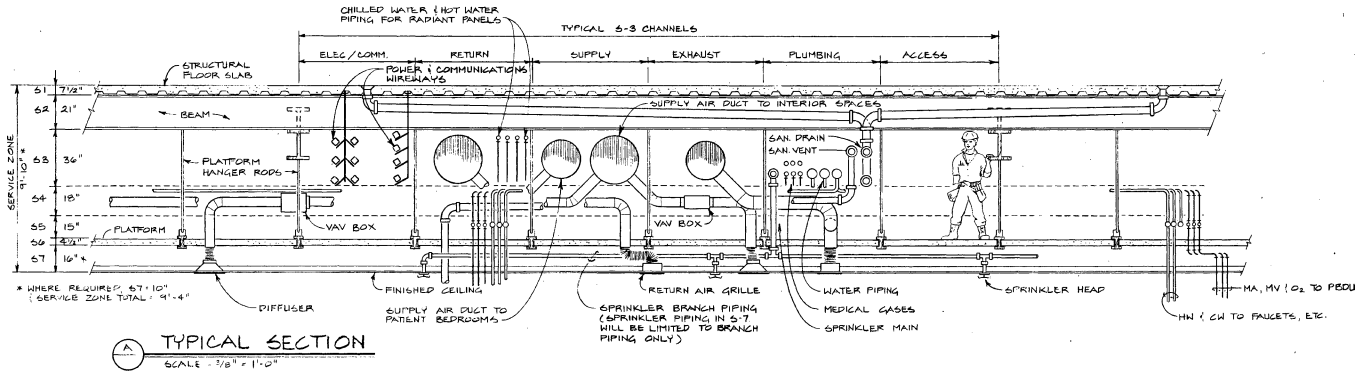
- ▣ EXHAUST DUCT SHAFT
- ELEC / COMM RISER
- ▬ PLUMBING PIPING RISER IN MECHANICAL BAY
- ▬ HVAC PIPING RISER IN MECHANICAL BAY
- ELEC / COMM SPACE WITHIN MECHANICAL BAY
- PLUMBING SAN / VENT STACK
- STORM DOWNSPOUT
- ▭ STAIRWELL
- ▭ SERVICE STAIR (TO INTERSTITIAL SPACE)
- SERVICE MODULE BOUNDARY
- ~~~~ PERIMETER ACCESS AISLE
- ⊙ ACCESS TO INTERSTITIAL SPACE FROM STAIRWELL OR SHIP'S LADDER
- ⊗ ELEVATOR OR DUMBWATER SHAFT

NOTES:

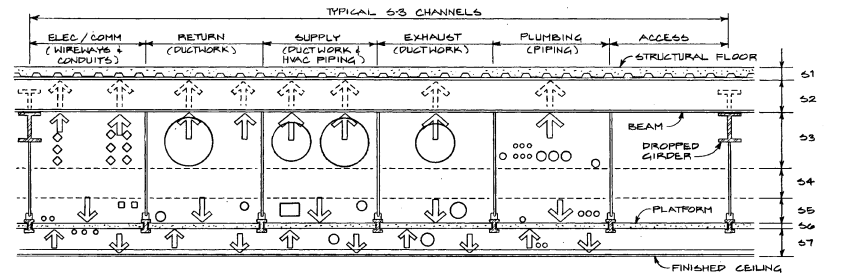
1. ALL HVAC PIPING WILL BE LOCATED WITHIN DUCT CHANNELS.
2. FOR SERVICE BAYS 5 & 6, THE DISTRIBUTION SYSTEM MAINS WILL BE RUN LATERALLY IN ZONES 5-3 & 5-4 TO CENTER BAY OF SERVICE MODULE.
3. ON 5th FLOOR, THE SUPPLY & RETURN DISTRIBUTION SYSTEM MAINS FOR RECOVERY AREA WILL BE RUN LATERALLY IN ZONE 5-2, 5-3 (1-4 TO RECOVERY AREA). THE AIR HANDLING UNIT SERVING RECOVERY AREA WILL BE LOCATED ON 6th FLOOR ROOF.
4. THIS PLAN DEPICTS 2nd FLOOR INTERSTITIAL; HOWEVER, THE ALLOCATION OF SPACE WITHIN THE INTERSTITIAL WILL BE TYPICAL FOR OTHER FLOORS.
5. ACCESS AISLE ROUTINGS SHOWN ON THIS SHEET DEPICT TYPICAL LAYOUTS; REFER TO THE VAV & GALS INTERSTITIAL PLANS FOR EXACT ROUTINGS IN EACH AREA.



Allocation of Interstitial Space--Typical B-7



Typical Interstitial Space Composite Sections B-8



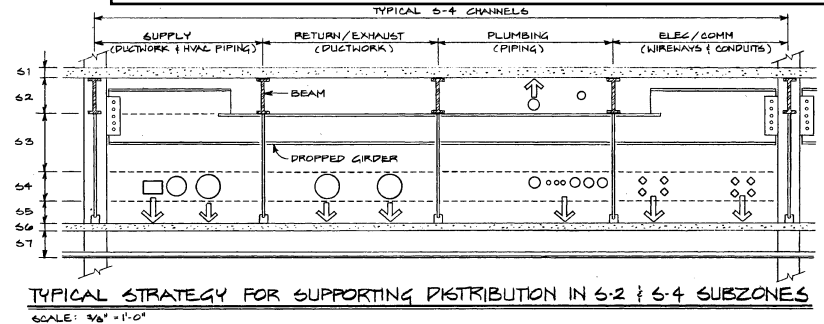
SUBZONE 5-2: SYSTEM ELEMENTS IN THE 5-2 ZONE SHALL BE SUPPORTED FROM THE UNDERSIDE OF THE FLOOR SLAB OR DECK.

SUBZONE 5-3: SYSTEM ELEMENTS IN THE 5-3 ZONE SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE UNDERSIDE OF THE STRUCTURAL BEAM. ALL ELEMENTS SHALL BE SECURED TO THE BOTTOM OF THE BEAM. SUPPORT FOR SYSTEMS IN THIS ZONE MAY BE FROM THE UNDERSIDE OF THE DECK. HOWEVER, USE OF THE DECK FOR SUPPORT SHOULD BE MINIMIZED.

SUBZONE 5-5: SYSTEM ELEMENTS IN THE 5-5 ZONE SHALL BE SUPPORTED FROM THE PLATFORM PURLIN.

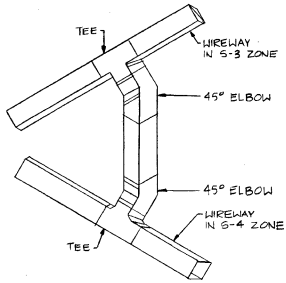
SUBZONE 5-6: SYSTEM ELEMENTS IN THE 5-6 ZONE SHALL BE SUPPORTED FROM THE PLATFORM.

SUBZONE 5-7: SYSTEM ELEMENTS IN THE 5-7 ZONE AS WELL AS THE CEILING GRID SYSTEM SHALL BE SUPPORTED FROM THE UNDERSIDE OF THE PLATFORM. LIGHT FIXTURES WILL BE SUPPORTED BY THE ARCHITECTURAL CEILING GRID SYSTEM. CEILING MOUNTED ITEMS SHALL BE SUPPORTED BY A SYSTEM OF STRUCTURAL ELEMENTS BEARING ON THE PLATFORM PURLIN. IN THE CASE OF HEAVY CEILING MOUNTED ITEMS, SUPPORT MAY BE PROVIDED BY FLOOR FRAMING ELEMENTS.

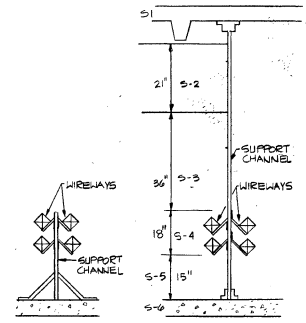


INTERSTITIAL RACKWAY SYSTEM

NORMAL POWER	SYMBOL
NORMAL POWER "A" PANELS, 277/480V & 120/208V	(A)
NORMAL POWER "B" PANELS, 277/480V & 120/208V	(B)
EQUIPMENT NORMAL POWER 277/480V & 120/208V	(E)
ESSENTIAL POWER	(S)
CRITICAL POWER	(C)
LIFE SAFETY POWER	(L)
EQUIPMENT POWER	(E)
COMMUNICATIONS	(C)
TELEPHONE	(T)
NURSE CALL	(N)
MATV/CCTV/RADIO/PAGING	(M)
FIRE ALARM	(F)



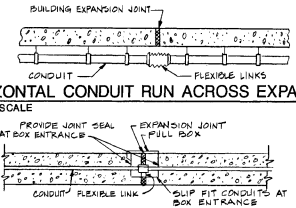
5 WIREWAY TRANSITION FROM S-3 ZONE TO S-4 ZONE
NOT TO SCALE



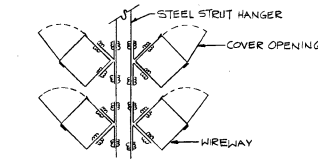
2 ALTERNATE MOUNTING METHOD S-4 ZONE
NOT TO SCALE

SYMBOL	WIREWAY SIZE*	WIREPLATE
(A)	4 x 4	NORMAL POWER "A"
(B)	4 x 4	NORMAL POWER "B"
(E)	4 x 4	EQUIP. NORMAL POWER
(S)	4 x 4	CRITICAL POWER
(L)	2-1/2" x 2-1/2"	LIFE SAFETY POWER
(C)	2-1/2" x 2-1/2"	EQUIP. EMERGENCY POWER
(T)	6 x 6	TELEPHONE
(M)	6 x 6	MATV/CCTV/RADIO/PAGING
(F)	6 x 6	FIRE ALARM SYSTEM
(N)	6 x 6	NURSE CALL
()		RESERVE

8 HORIZONTAL CONDUIT RUN ACROSS EXPANSION JOINT
NOT TO SCALE

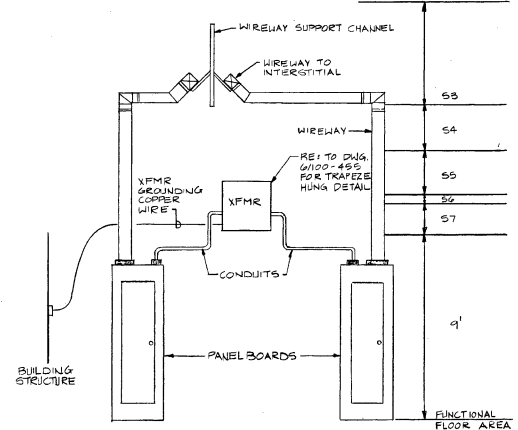


7 CONCEALED CONDUIT CROSSING EXPANSION JOINT
NOT TO SCALE

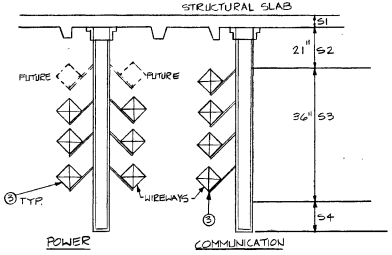


4 WIREWAY IN S-4 ZONE
NOT TO SCALE

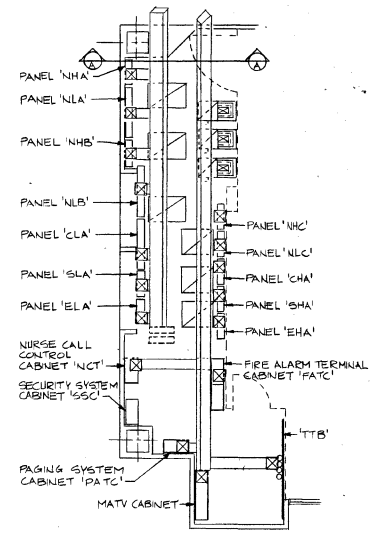
SYMBOL	WIREWAY SIZE*	WIREPLATE
(A)	2-1/2" x 2-1/2"	NORMAL POWER "A"
(B)	2-1/2" x 2-1/2"	NORMAL POWER "B"
(E)	2-1/2" x 2-1/2"	EQUIP. NORMAL POWER
(S)	2-1/2" x 2-1/2"	CRITICAL POWER
(L)	2-1/2" x 2-1/2"	LIFE SAFETY POWER
(C)	2-1/2" x 2-1/2"	EQUIP. EMERGENCY POWER
(T)	4 x 4	TELEPHONE
(M)	4 x 4	MATV/CCTV/RADIO/PAGING
(F)	4 x 4	FIRE ALARM SYSTEM
(N)	4 x 4	NURSE CALL
()		RESERVE



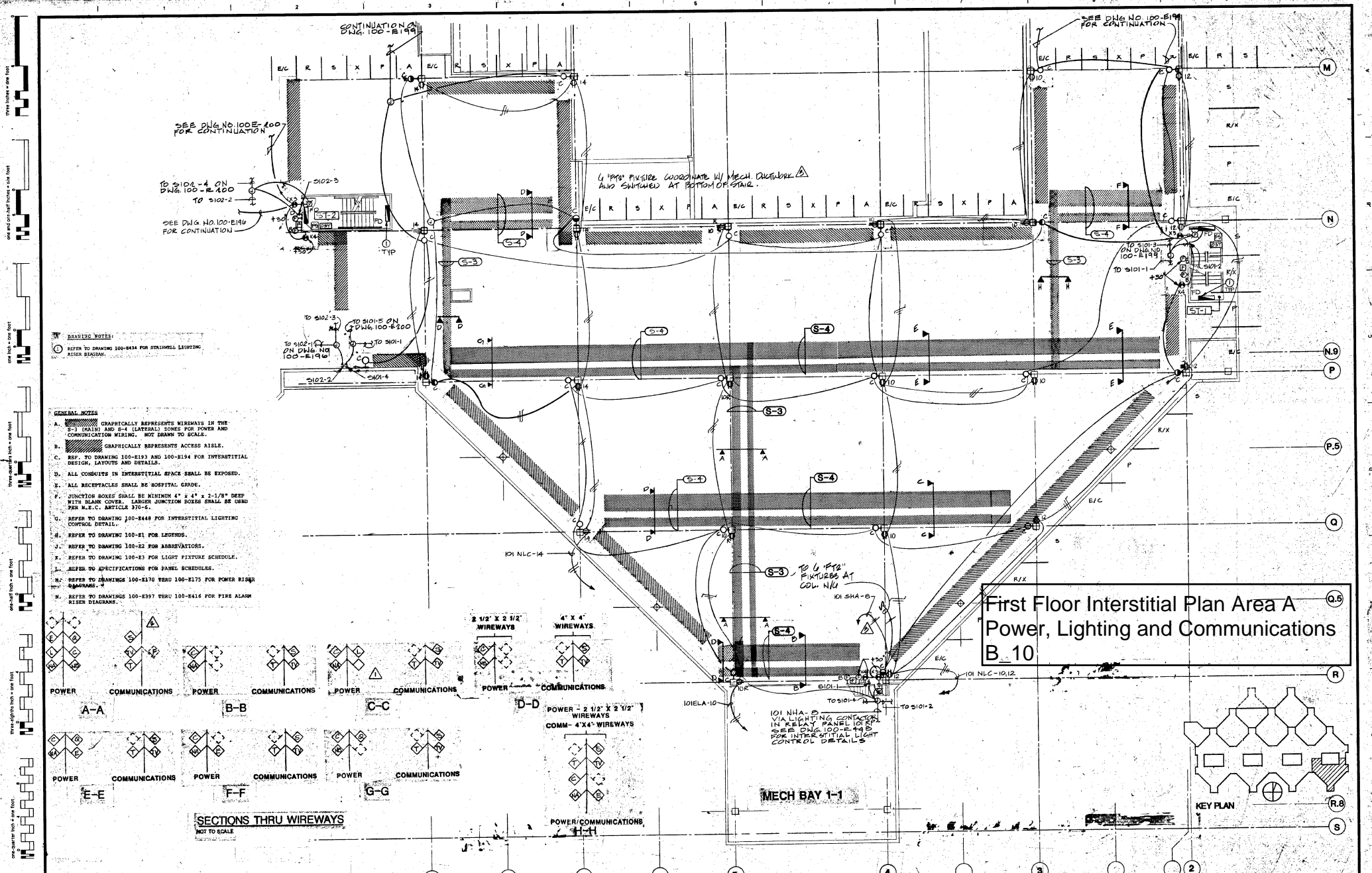
6 TYPICAL WIREWAY CONNECTION IN ELECTRICAL ROOM
NOT TO SCALE



3 SECTION A-A
NOT TO SCALE



1 TYPICAL WIREWAY SYSTEM AT ELECTRICAL ROOM
NOT TO SCALE



SEE DWG NO. 100-E-100 FOR CONTINUATION

TO S102-4 ON DWG 100-E-100 TO S102-2
SEE DWG NO. 100-E116 FOR CONTINUATION

4 1/2\"/>

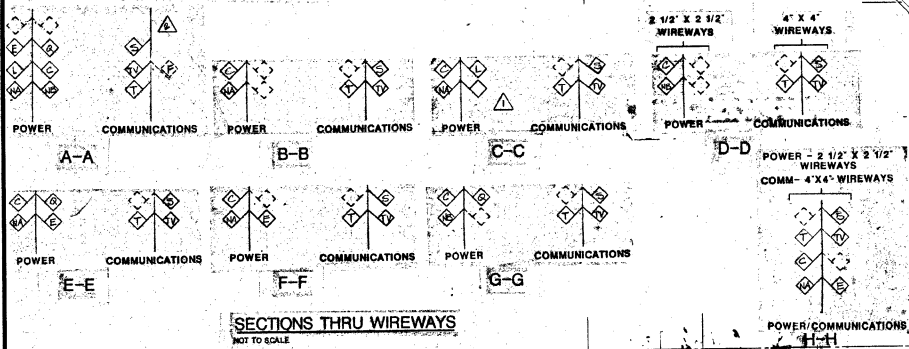
SEE DWG NO. 100-E116 FOR CONTINUATION

READING NOTES:

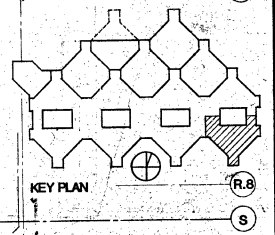
1. REFER TO DRAWING 100-8434 FOR STRAIGHT LIGHTING RISER DIAGRAM.

GENERAL NOTES:

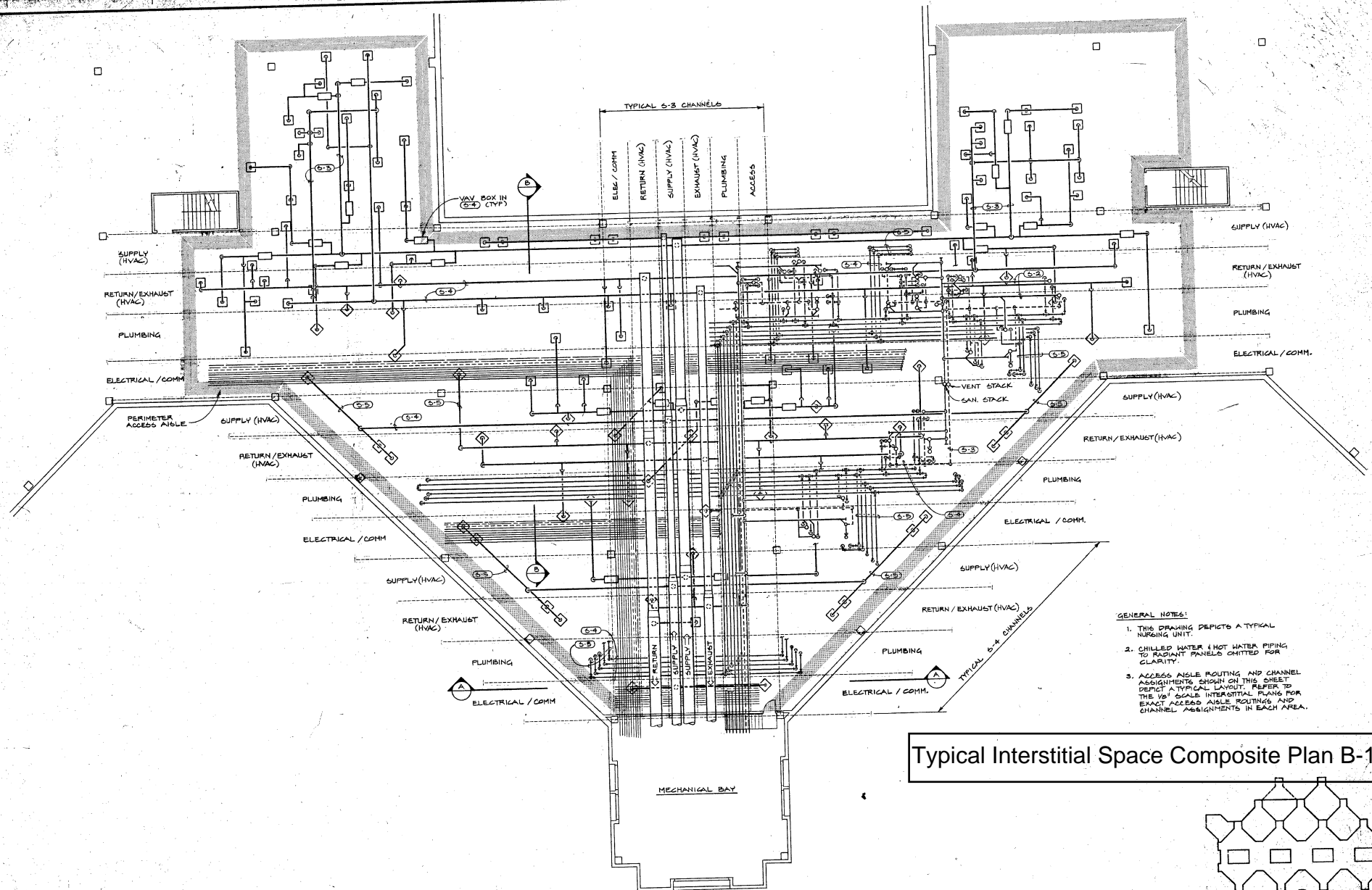
- A. GRAPHICALLY REPRESENTS WIREWAYS IN THE S-3 (MAIN) AND S-4 (LATERAL) ZONES FOR POWER AND COMMUNICATION WIRING. NOT DRAWN TO SCALE.
- B. GRAPHICALLY REPRESENTS ACCESS AISLES.
- C. REF. TO DRAWING 100-E193 AND 100-E194 FOR INTERSTITIAL DESIGN, LAYOUTS AND DETAILS.
- D. ALL CONDUITS IN INTERSTITIAL SPACE SHALL BE EXPOSED.
- E. ALL RECEPTACLES SHALL BE HOSPITAL GRADE.
- F. JUNCTION BOXES SHALL BE MINIMUM 4" x 4" x 2-1/8" DEEP WITH BLANK COVER. LARGER JUNCTION BOXES SHALL BE USED FOR R.E.C.C. ARTICLE 370-6.
- G. REFER TO DRAWING 100-8448 FOR INTERSTITIAL LIGHTING CONTROL DETAIL.
- H. REFER TO DRAWING 100-E1 FOR LEGENDS.
- J. REFER TO DRAWING 100-E2 FOR ABBREVIATIONS.
- K. REFER TO DRAWING 100-E3 FOR LIGHT FIXTURE SCHEDULE.
- L. REFER TO SPECIFICATIONS FOR PANEL SCHEDULES.
- M. REFER TO DRAWINGS 100-E170 THRU 100-E175 FOR POWER RISER DIAGRAMS.
- N. REFER TO DRAWINGS 100-E397 THRU 100-E416 FOR FIRE ALARM RISER DIAGRAMS.



**First Floor Interstitial Plan Area A
Power, Lighting and Communications
B.10**

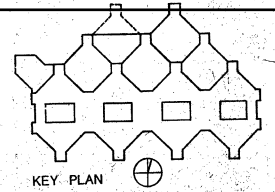


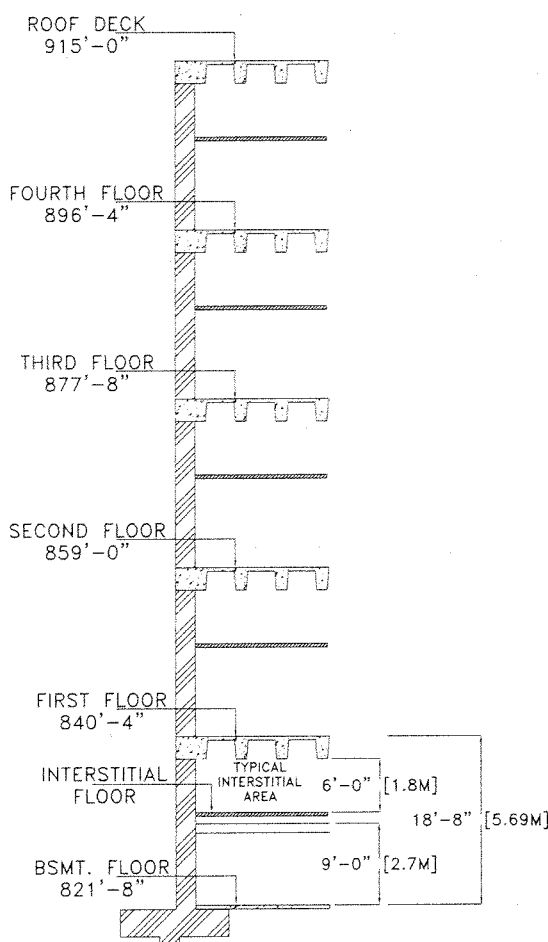
ONE INCH = ONE FOOT
ONE HALF INCH = ONE FOOT
ONE QUARTER INCH = ONE FOOT
ONE EIGHTH INCH = ONE FOOT



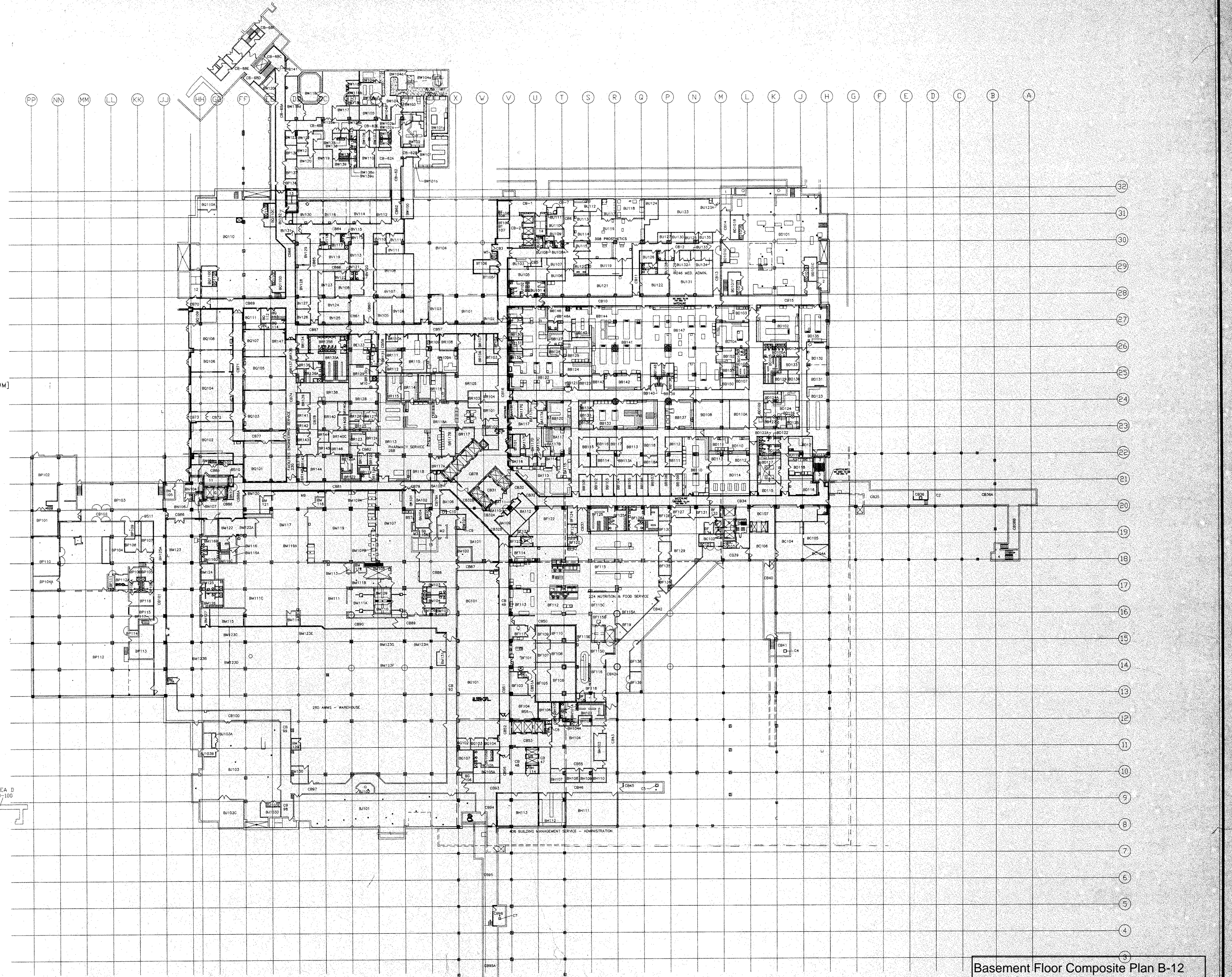
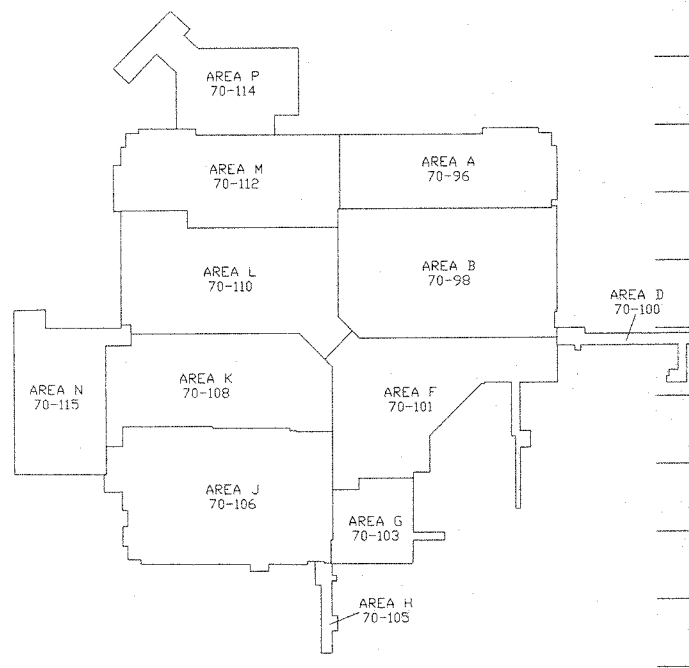
- GENERAL NOTES:**
1. THIS DRAWING PICTURES A TYPICAL HURGING UNIT.
 2. CHILLED WATER & HOT WATER PIPING TO RADIANT PANELS OMITTED FOR CLARITY.
 3. ACCESS ANGLE ROUTING AND CHANNEL ASSIGNMENTS SHOWN ON THIS SHEET DEPICT A TYPICAL LAYOUT. REFER TO THE 1/8" SCALE INTERSTITIAL PLANS FOR EXACT ACCESS ANGLE ROUTINGS AND CHANNEL ASSIGNMENTS IN EACH AREA.

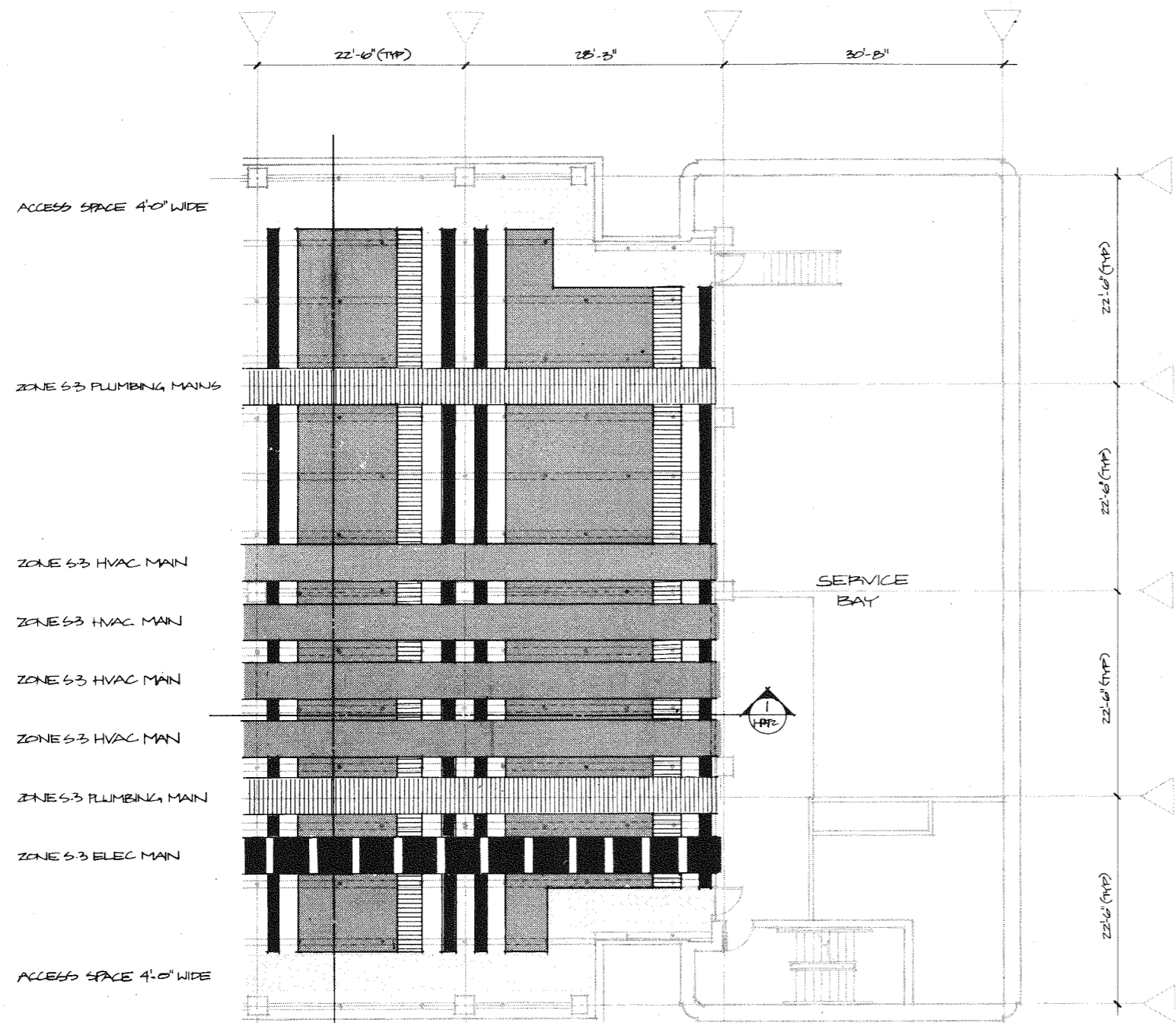
Typical Interstitial Space Composite Plan B-11



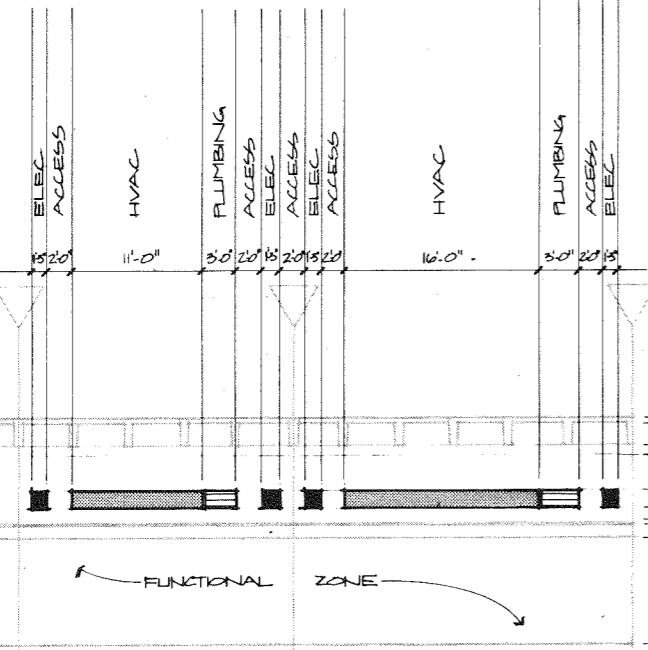


TYPICAL ELEVATION
SCALE: NOT TO SCALE



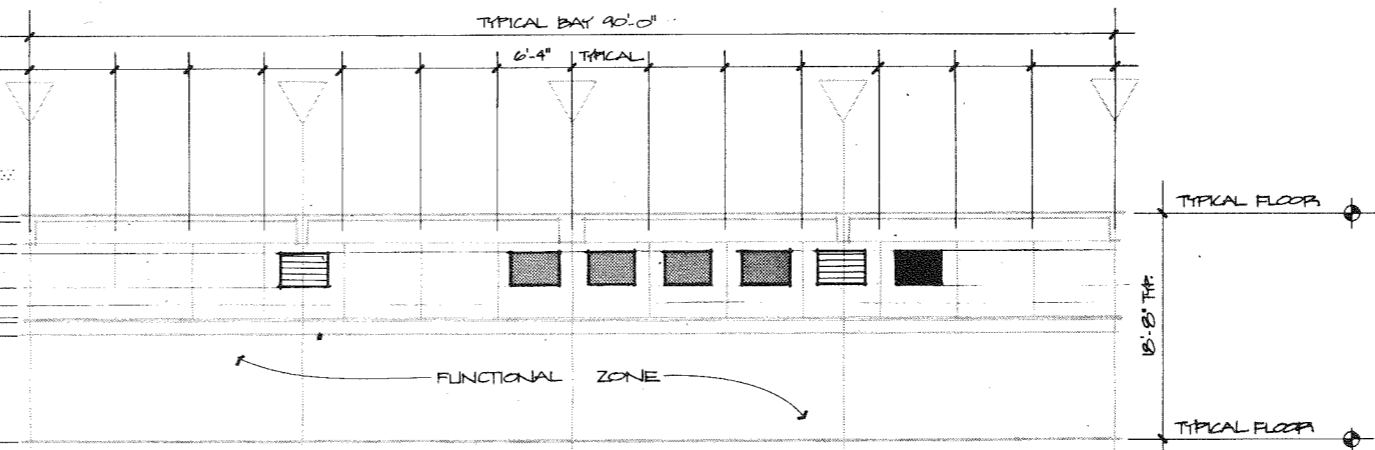


INTERSTITIAL PLAN
1/8" = 1'-0"



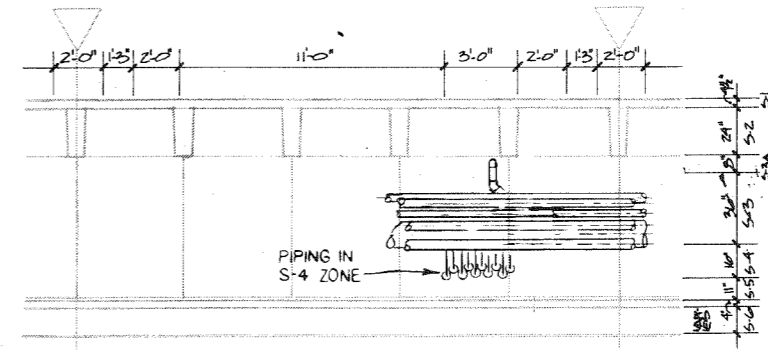
1 SECTION
1/8" = 1'-0"

- ZONE S-1 4'-2"
- ZONE S-2 2'-1"
- ZONE S-3A 2'-1"
- ZONE S-3 2'-0"
- ZONE S-4 1'-0"
- ZONE S-5 1'-1"
- ZONE S-6 VARIES

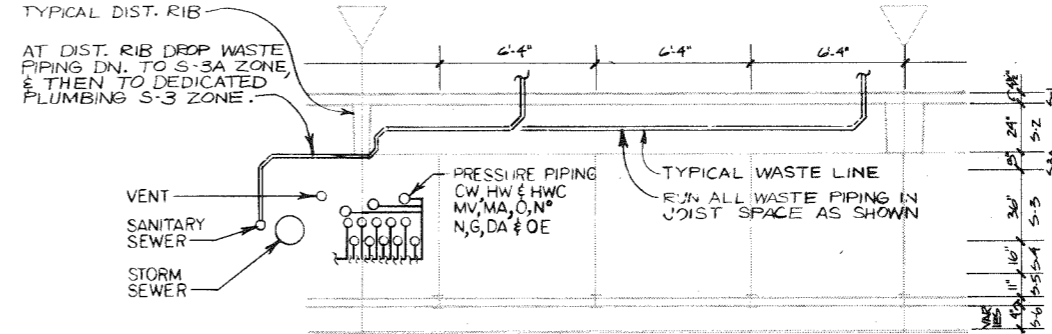


2 SECTION
1/8" = 1'-0"

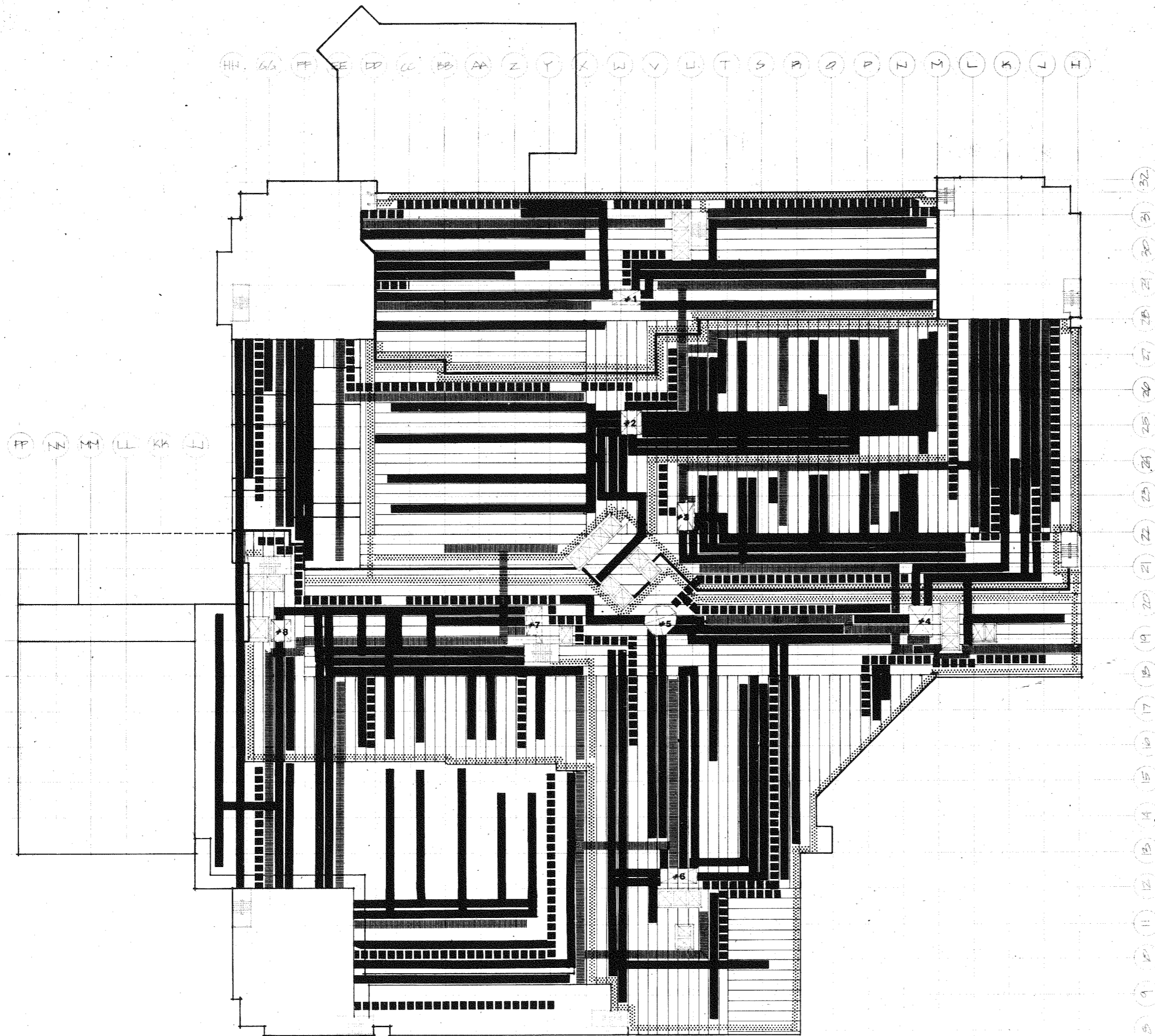
NOTE: A. SEE 1/32" S-3 LEVEL INTERSTITIAL PLANS FOR EQUIPMENT LOCATIONS IN ZONE S-3
B. SEE SHIT H-100 FOR SECTIONS THRU INTERSTITIAL @ 1/4" = 1'-0" SCALE



SECTION SIMILAR TO SECTION #1 THIS SHIT
SCALE 1/4" = 1'-0"



SECTION SIMILAR TO SECTION #2 THIS SHIT
SCALE 1/4" = 1'-0"



■ HVAC
 ■ PLUMBING
 ■ ELECTRICAL
 ■ ACCESS

NOTES REGARDING LEVEL S-3 DISTRIBUTION

A. WHEN HVAC PLUMBING OR ELEC EQUIPMENT INTERSECTS ANY ACCESS SPACE, EQUIPMENT SHALL RISE UP TO S-3A LEVEL AND BE ARRANGED AS TO MINIMIZE DEPTH OF EQUIPMENT.

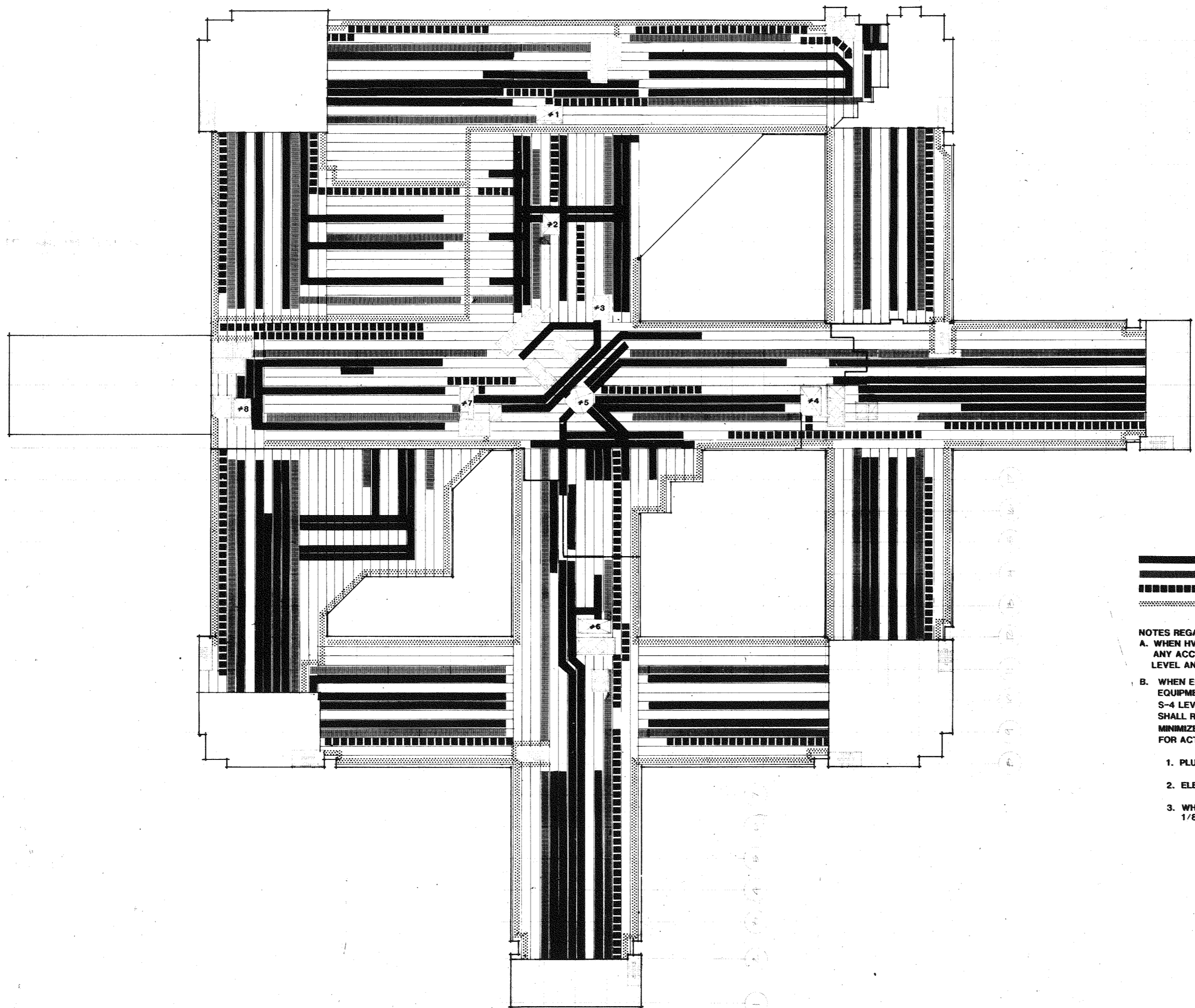
B. WHEN EQUIPMENT INTERSECTS EQUIPMENT THE YIELDING EQUIPMENT SHALL DROP DOWN TO ITS DEDICATED S-4 LEVEL SPACE AS REQUIRED, OR YIELDING EQUIPMENT SHALL RISE UP TO S-3A LEVEL AND BE ARRANGED AS TO MINIMIZE DEPTH OF EQUIPMENT. SEE 1/8" PLANS FOR ACTUAL EQUIPMENT LOCATION.

1. PLUMBING SHALL YIELD TO ALL OTHER EQUIPMENT.

2. ELEC SHALL YIELD TO HVAC.

3. WHEN HVAC INTERSECTS HVAC SEE 1/8" HVAC INTERSTITIAL PLANS.

Basement S-3 level Interstitial plan B-14

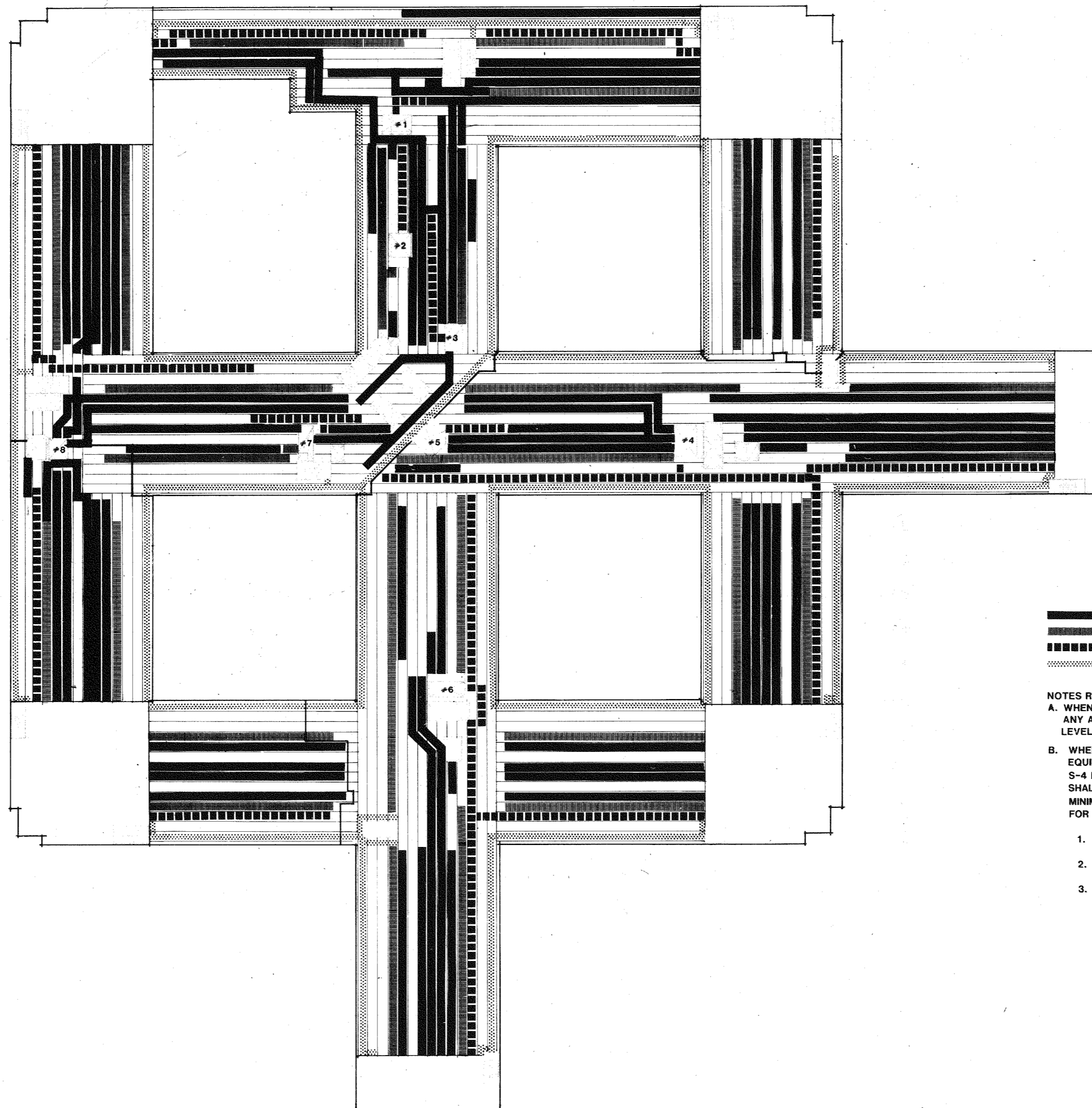


——— HVAC
 - - - - - PLUMBING
 ······ ELECTRICAL
 ······ ACCESS

- NOTES REGARDING LEVEL S-3 DISTRIBUTION
- A. WHEN HVAC PLUMBING OR ELEC EQUIPMENT INTERSECTS ANY ACCESS SPACE, EQUIPMENT SHALL RISE UP TO S-3A LEVEL AND BE ARRANGED AS TO MINIMIZE DEPTH OF EQUIPMENT.
 - B. WHEN EQUIPMENT INTERSECTS EQUIPMENT THE YIELDING EQUIPMENT SHALL DROP DOWN TO ITS DEDICATED S-4 LEVEL SPACE AS REQUIRED, OR YIELDING EQUIPMENT SHALL RISE UP TO S-3A LEVEL AND BE ARRANGED AS TO MINIMIZE DEPTH OF EQUIPMENT. SEE 1/8" PLANS FOR ACTUAL EQUIPMENT LOCATION.
1. PLUMBING SHALL YIELD TO ALL OTHER EQUIPMENT.
 2. ELEC SHALL YIELD TO HVAC.
 3. WHEN HVAC INTERSECTS HVAC SEE 1/8" HVAC INTERSTITIAL PLANS.

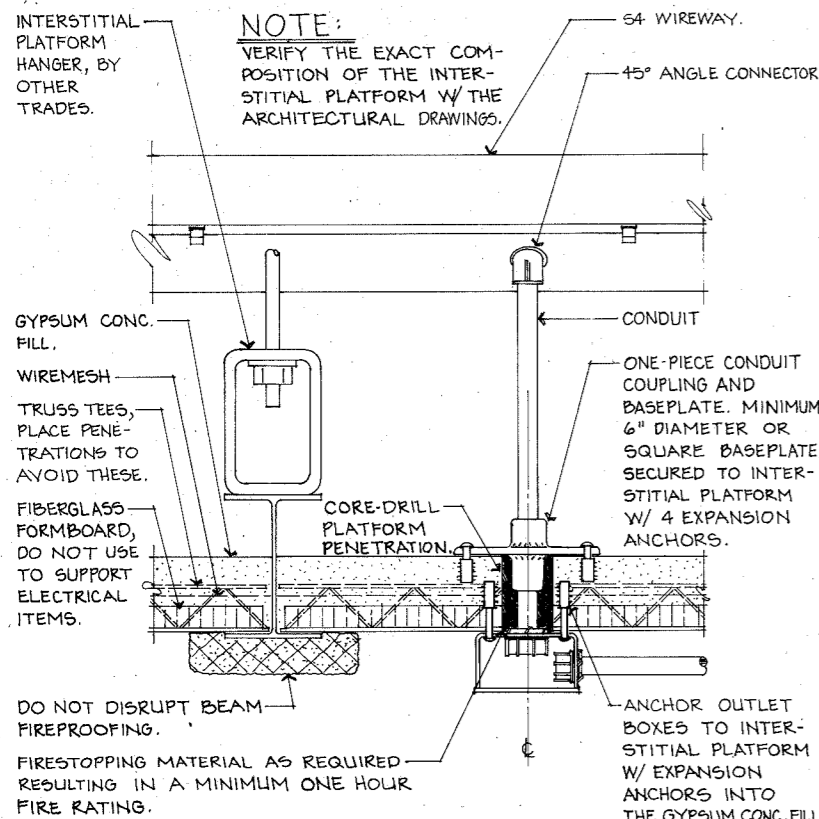
First Floor S-3 Level Interstitial Plan B-15

14.054
 14.054
 P.3

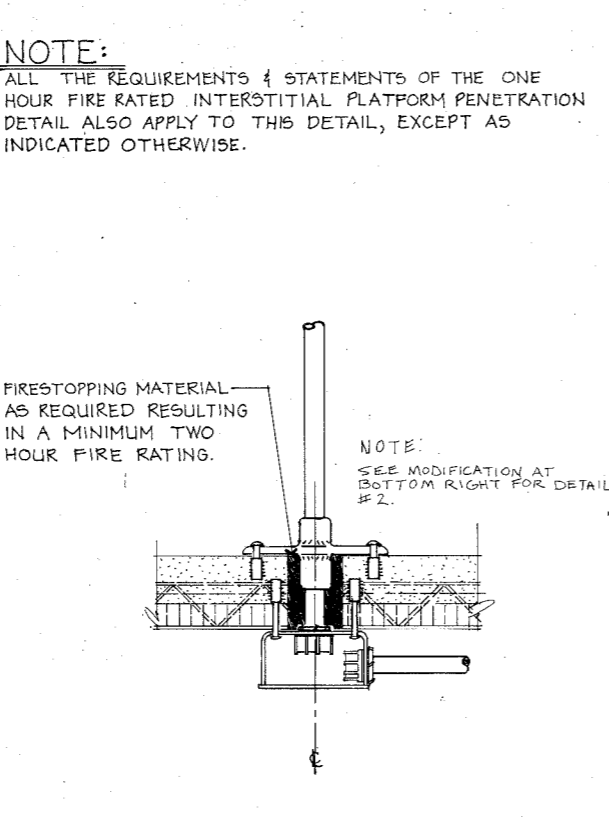


- HVAC
- - - - - PLUMBING
- ELECTRICAL
- ACCESS

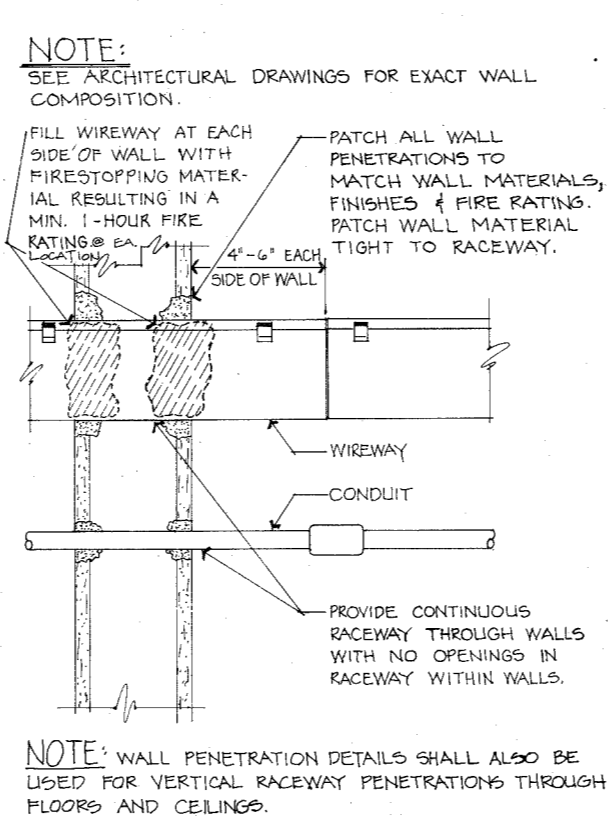
- NOTES REGARDING LEVEL S-3 DISTRIBUTION
- A. WHEN HVAC PLUMBING OR ELEC EQUIPMENT INTERSECTS ANY ACCESS SPACE, EQUIPMENT SHALL RISE UP TO S-3A LEVEL AND BE ARRANGED AS TO MINIMIZE DEPTH OF EQUIPMENT.
- B. WHEN EQUIPMENT INTERSECTS EQUIPMENT THE YIELDING EQUIPMENT SHALL DROP DOWN TO ITS DEDICATED S-4 LEVEL SPACE AS REQUIRED, OR YIELDING EQUIPMENT SHALL RISE UP TO S-3A LEVEL AND BE ARRANGED AS TO MINIMIZE DEPTH OF EQUIPMENT. SEE 1/8" PLANS FOR ACTUAL EQUIPMENT LOCATION.
1. PLUMBING SHALL YIELD TO ALL OTHER EQUIPMENT.
 2. ELEC SHALL YIELD TO HVAC.
 3. WHEN HVAC INTERSECTS HVAC SEE 1/8" HVAC INTERSTITIAL PLANS.



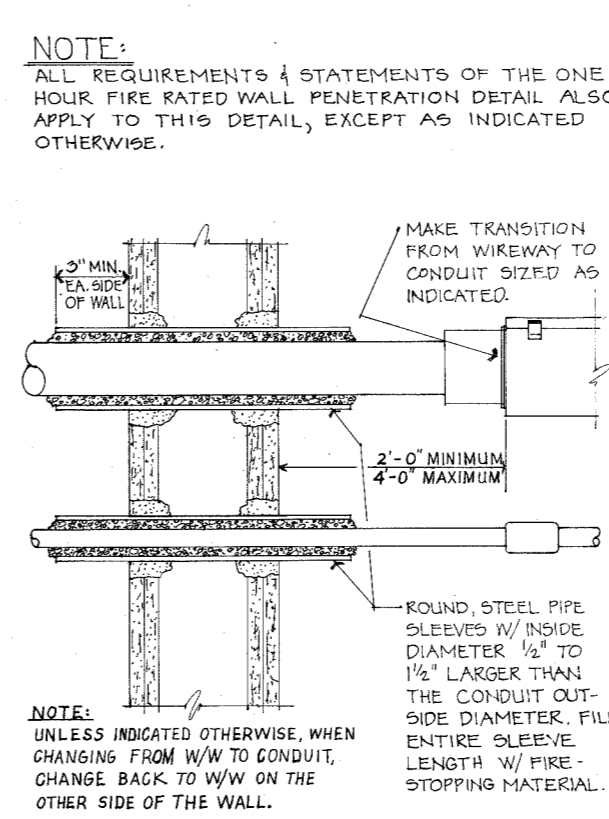
1. ONE HOUR FIRE RATED INTERSTITIAL PLATFORM PENETRATION DETAIL SCALE: 3"=1'-0"



2. TWO HOUR FIRE RATED INTERSTITIAL PLATFORM PENETRATION DETAIL SCALE: 3"=1'-0"

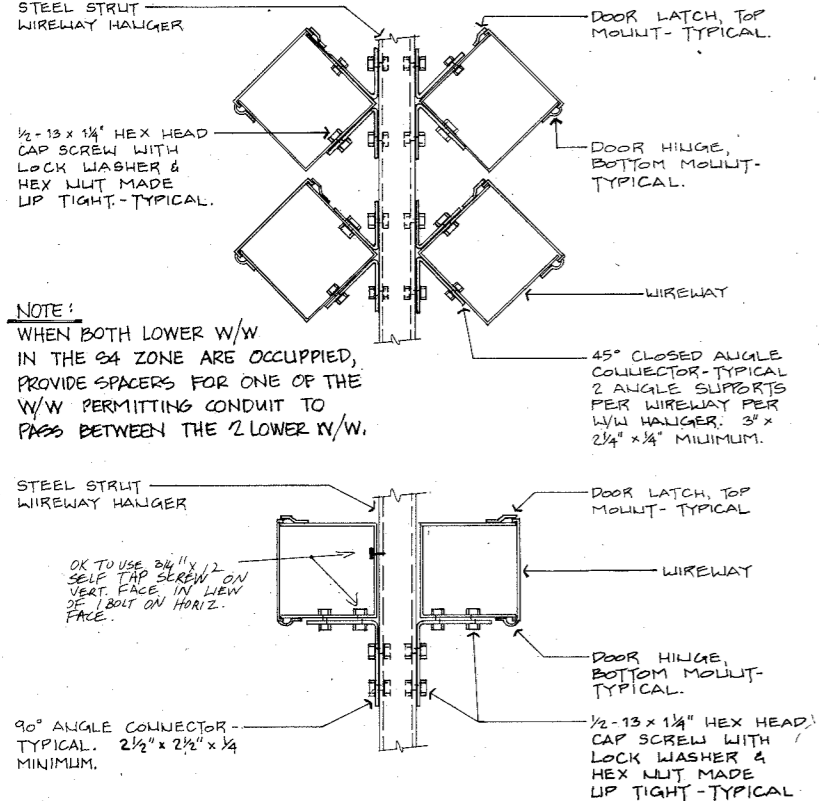


3. ONE HOUR FIRE RATED WALL PENETRATION DETAIL SCALE: 3"=1'-0"

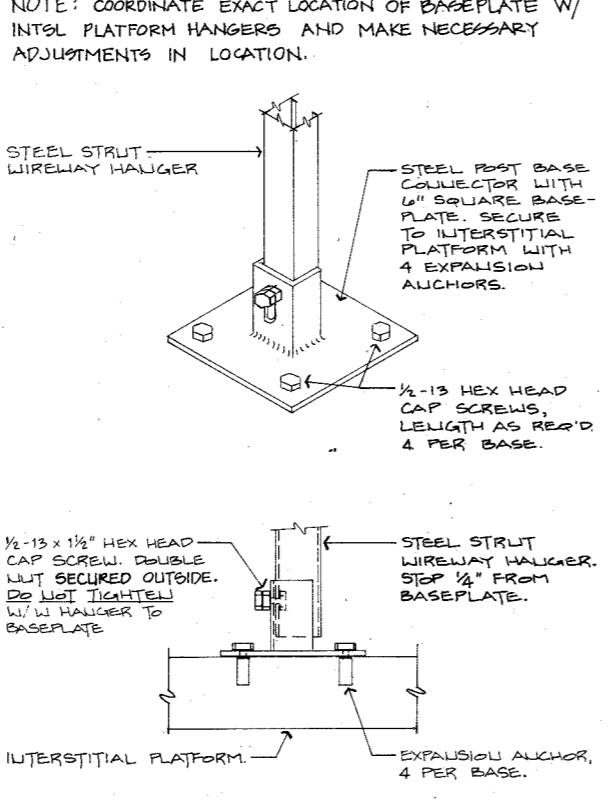


4. TWO HOUR FIRE RATED WALL PENETRATION DETAIL SCALE: 3"=1'-0"

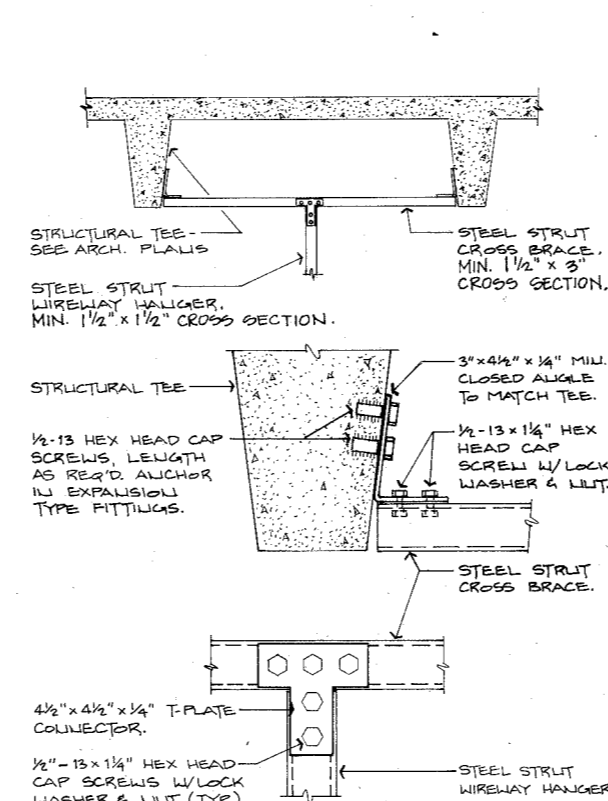
- INTERSTITIAL GENERAL NOTES:**
- (APPLY TO ALL INTERSTITIAL ELECTRICAL WORK)
 - PROVIDE RACEWAY INSTALLED IN S3 AND S4 ZONES ROUTED THE ENTIRE ZONE LENGTH INDICATED ON THE 1/8" SCALE PLANS UNLESS SPECIFICALLY INDICATED OTHERWISE TO END AT A SHORTER LENGTH.
 - ROUTE SPECIFIC CIRCUIT CONDUCTORS AND TELECOMMUNICATIONS SYSTEM CABLES ONLY IN THE SPECIFIC RACEWAY OF ZONES S3, S4 AND S5 INDICATED FOR THE USE OF THE RESPECTIVE PANELBOARDS AND TELECOMMUNICATIONS SYSTEMS, AS INDICATED ON THE DRAWINGS.
 - LABEL EACH RACEWAY IN THE DESIGNATED S3 AND S4 ZONES WITH PAINTED, STENCILED LETTERING INDICATING THE PANELBOARD OR TELECOMMUNICATIONS SYSTEM CONTAINED. THIS LABELING COLOR SHALL CORRESPOND WITH THE RACEWAY COLOR AND SHALL OCCUR AT LEAST EVERY 20 LINEAR FEET.
 - WIREWAY NOTED "FUTURE" ON THE DETAILS, IDENTIFY LOCATIONS THAT MUST BE KEPT OPEN UNDER THE CONTRACT. SUCH LOCATIONS SHALL BE KEPT AVAILABLE FOR FUTURE RACEWAY INSTALLATION.
 - PROVIDE NO WIREWAY HANGERS WHERE ALL THE SUPPORTED RACEWAYS ARE NOTED "FUTURE".
 - PROVIDE ALL NECESSARY "PROTECTIONS" FROM ZONES S3 AND S4 INCLUDING THE FLOOR TO THE S4 RACEWAY, FROM THE S4 RACEWAY TO THE S3 RACEWAY, AND TO TERMINATING AT PANELS, CABINETS, AND EQUIPMENT MOUNTING HARDWARE. SUCH PROTECTIONS SHALL CONSIST OF 1" CONTINUOUS WALLS, 1/2" MINIMUM THICKNESS, ALL PLACED UNIDIRECTIONALLY. WIREWAY TO WIREWAY TRANSITIONS SHALL CONSIST OF FEELINGS, MANDED ALONG BY THE WIREWAY HANGER FOR THE PURPOSE AND PURPOSE ONLY. IN THE INSTALLATION OF W/W AND CABLES AT THE WIREWAY INSTALLATION IS COMPLETE.
 - ADJUST FINAL LOCATIONS OF INTERSTITIAL PLATFORM PENETRATIONS AS PROVIDED TO CORRELATE WITH THE WORK OF OTHER TRADES.
 - THE "DOWN" SYMBOL, AT THE INTERSTITIAL RACEWAY PENETRATIONS AND SPLICES IN THE INTERSTITIAL RACEWAYS, SET THE FUNCTIONAL FLOOR PLANS FOR WIRE SIZES INDICATED ON THE SPLICES.
 - INTERSTITIAL HOMERUNS, INDICATED BY PANELBOARD NOM. SYMBOL NUMBER, AND "DOWN" SYMBOL, SHALL HAVE THE SAME SIZE WIRE AS THE FUNCTIONAL FLOOR WHEN NO WIRE SIZE IS INDICATED AT THE INTERSTITIAL HOMERUN.
 - WHEN A WIRE SIZE (FOR EXAMPLE: #10) APPEARS NEAR THE INTERSTITIAL HOMERUN, THAT WIRE SIZE SHALL BE USED FOR THE INDICATED CIRCUITS WHILE ROUTED IN INTERSTITIAL RACEWAYS. MAKE TRANSITION TO THE INTERSTITIAL WIRE SIZE IN THE S3 AND S4 RACEWAY AT THE "DOWN" SYMBOL LOCATION.
 - IF THE CIRCUIT IS TO HAVE A GROUND WIRE OTHER THAN THE #14 COMMON GROUND THE GROUND WIRE SIZE SHALL BE AS DESCRIBED IN 9 AND 10 ABOVE, BUT SHALL BE INDICATED SEPARATELY FROM THE CURRENT CARRYING CONDUCTOR SIZE AND IDENTIFIED (FOR EXAMPLE: #10 + #14 GND) WHICH INDICATES FUNCTIONAL FLOOR CURRENT CARRYING CONDUCTORS CHANGING TO #10 AND FUNCTIONAL FLOOR GROUND CONDUCTOR CHANGING TO #14 ALSO.)
 - WHEN TERMINATING AND SPLICING TERMINALS, MATCH WIRE SIZE WITH THE PROPER TERMINAL AND LUG WIRE SIZE RANGE.
 - WHEN WIRES ENTERING A PANELBOARD WOULD BE LARGER THAN THE INVESTMENT DEVICE LUG WIRE SIZE RANGE, REDUCED WIRE SIZE WITH A SPLICE WITHIN THE RACEWAY MUST AVOID THE PANELBOARD. THE SMALLEST ACCEPTABLE WIRE SIZE FOR CONNECTION TO OVERCURRENT DEVICES SHALL BE EQUAL TO THE SMALLEST BROWNE & CALVERT WIRE SIZE SHOWN ON THE FUNCTIONAL FLOOR FOR THE CIRCUIT UNDER CONSTRUCTION.
 - PROVIDE THE FOLLOWING DEVELOPMENT CONDUIT UNDER TOPS IN INTERSTITIAL RACEWAY:
 - #14 AWG COMMON #4 AWG BARE COPPER GROUND WIRE IN ALL S3 & S4 WIREWAY ENDS IN TELECOMMUNICATIONS RACEWAYS UNLESS INDICATED OTHERWISE.
 - WHEN NO GROUND WIRE IS INDICATED AT THE INTERSTITIAL HOMERUN, BOND THE FUNCTIONAL FLOOR GROUND WIRE TO THE COMMON #4 AWG GROUND WIRE IN THE INTERSTITIAL RACEWAY AS THE "DOWN" SYMBOL LOCATION.
 - WHEN A GROUND WIRE IS INDICATED WITH A DESIGNATION (FOR EXAMPLE: #10 + #14 GND) TO "POINT" THE GROUND CONDUCTOR OF THE SIZE INDICATED FROM THE "DOWN" SYMBOL TO THE COMMON #4 AWG GROUND WIRE AT THE INDICATED LOCATION AND BOND THE TWO TOGETHER AT THAT LOCATION.
 - WHEN AN INDICATED INTSL GND WIRE IS NOT SHOWN TO A SPECIFIC INTSL W/W, IT IS A DEDICATED GROUND AND IT SHALL BE ROUTED TO THE GROUND BUS IN ITS RESPECTIVE PANELBOARD WITHOUT BEING BONDED TO ANY OTHER GROUND IN THE INTERSTITIAL SPACE. THE SAME REQUIREMENTS APPLY TO GROUND WIRES NOTED AS ROUTED TO A SPECIFIC PANELBOARD.
 - BOND WIREWAY TO W/W COMMON #4 AWG BARE GROUND WIRE AT LEAST EVERY 20 FEET UNLESS A W/W COMMON GROUND IS NOT PROVIDED.
 - INTERSTITIAL WIRING NOT IN THE S3 AND S4 RACEWAY SHALL COMPLY WITH WIRE AND CONDUIT SIZING RULES USED ON THE FUNCTIONAL FLOOR.
 - ROUTE CONDUITS EXPOSED IN THE INTERSTITIAL SPACE ALONG THE WALLS, IN THE S2 SPACE, AND AS INDICATED IN THE S3A, S3, S4, AND S5 ZONES. TO CROSS BEAMS AND OTHER STRUCTURAL MEMBERS, ROUTE CONDUIT IN THE S3A ZONE, BUT STAY TO THE TOP OF THE ZONE AND IN ALL CASES YIELD TO OTHER TRADES, ESPECIALLY PNEUMATIC TUBES.
 - IN THE INTERSTITIAL SPACE, INSTALL ALL DEVICES AT THE STANDARD MOUNTING HEIGHTS ABOVE THE INTERSTITIAL PLATFORM UNLESS INDICATED OTHERWISE FOR SPECIFIC DEVICES.
 - INSTALL TYPE 10 LIGHT FIXTURES IN THE INTERSTITIAL SPACE WITH THE BOTTOMS OF THE FIXTURES EVEN WITH THE BOTTOM OF THE INTERSTITIAL S2 ZONE. ADJUST EXACT FIXTURE LOCATIONS SLIGHTLY AS REQUIRED TO MAXIMIZE LIGHT OUTPUT AND TO PERMIT LAMP REPLACEMENT. ADJUST LIGHTING JUNCTION BOX LOCATIONS AS REQUIRED TO MAINTAIN ACCESSIBILITY.
 - INSTALL INTERSTITIAL SPACE EXIT LIGHTS SO THAT THE TOPS OF THE FIXTURES ARE EVEN WITH THE BOTTOM OF THE S2 ZONE. ALSO, INSTALL EXIT LIGHTS WITH MINIMUM INTRUSION INTO THE ACCESS SPACE BUT WITH MAXIMUM VISIBILITY.
 - PROVIDE FIRE STOPPING AS PER DETAIL 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.



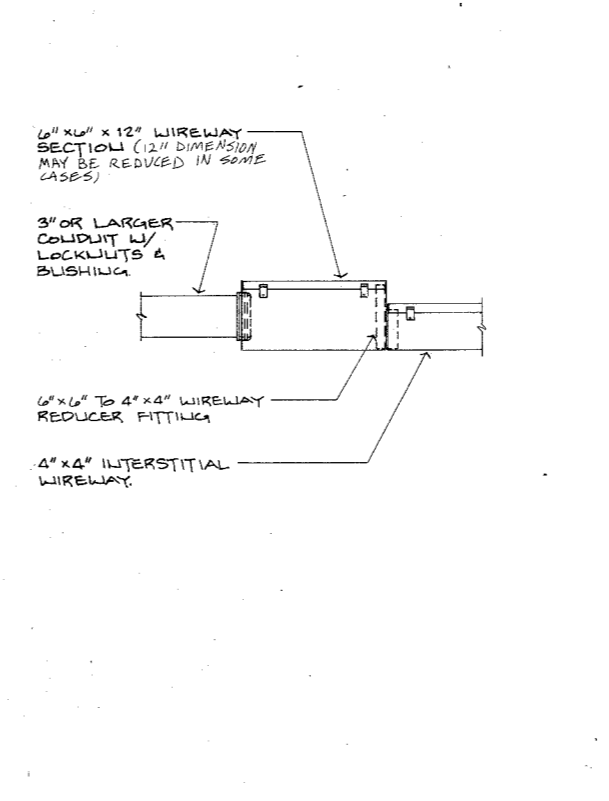
5. WIREWAY TO WIREWAY HANGER SUPPORT DETAILS No SCALE



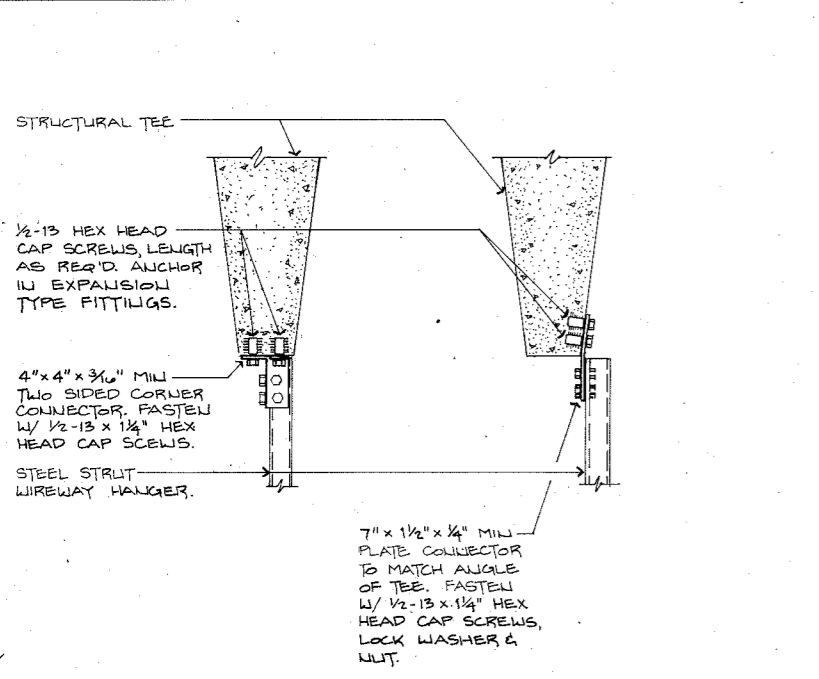
6. WIREWAY HANGER BOTTOM ANCHORING DETAIL No SCALE



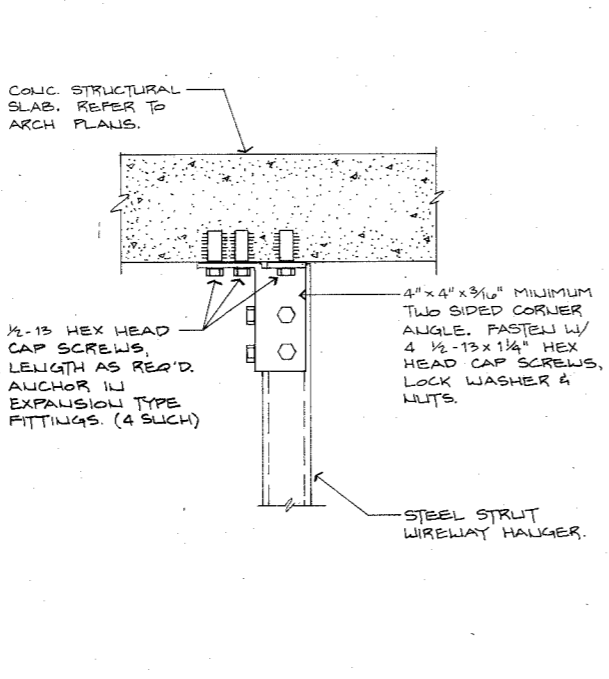
7. WIREWAY HANGER TOP ANCHORING DETAIL No SCALE



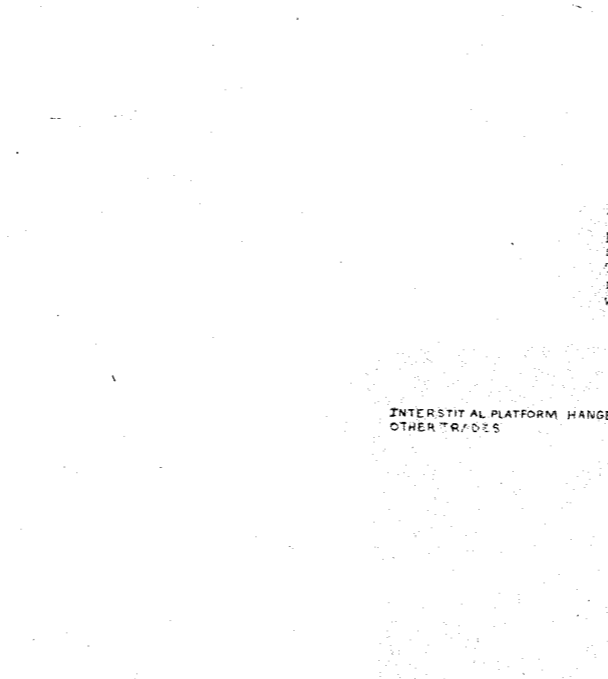
8. TERMINATION DETAIL - LARGE CONDUIT (3" OR GREATER) TO 4" x 4" WIREWAY No SCALE



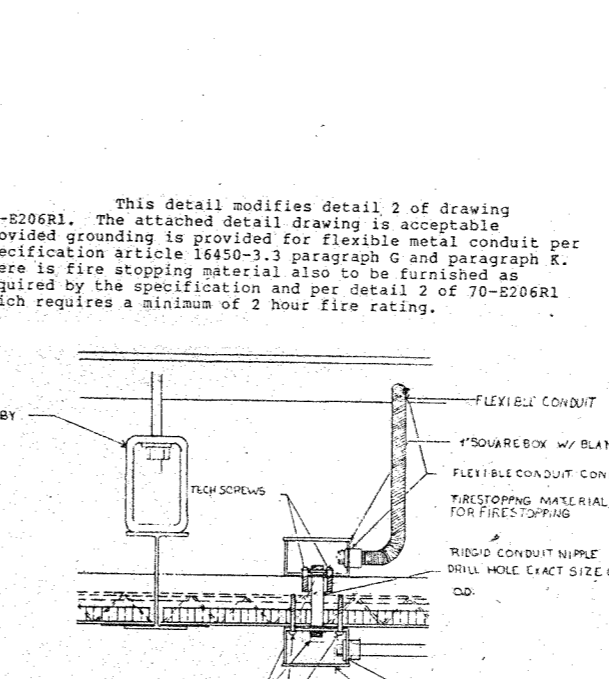
9. WIREWAY HANGER SUPPORT DETAILS No SCALE



10. WIREWAY HANGER BOTTOM ANCHORING DETAIL No SCALE

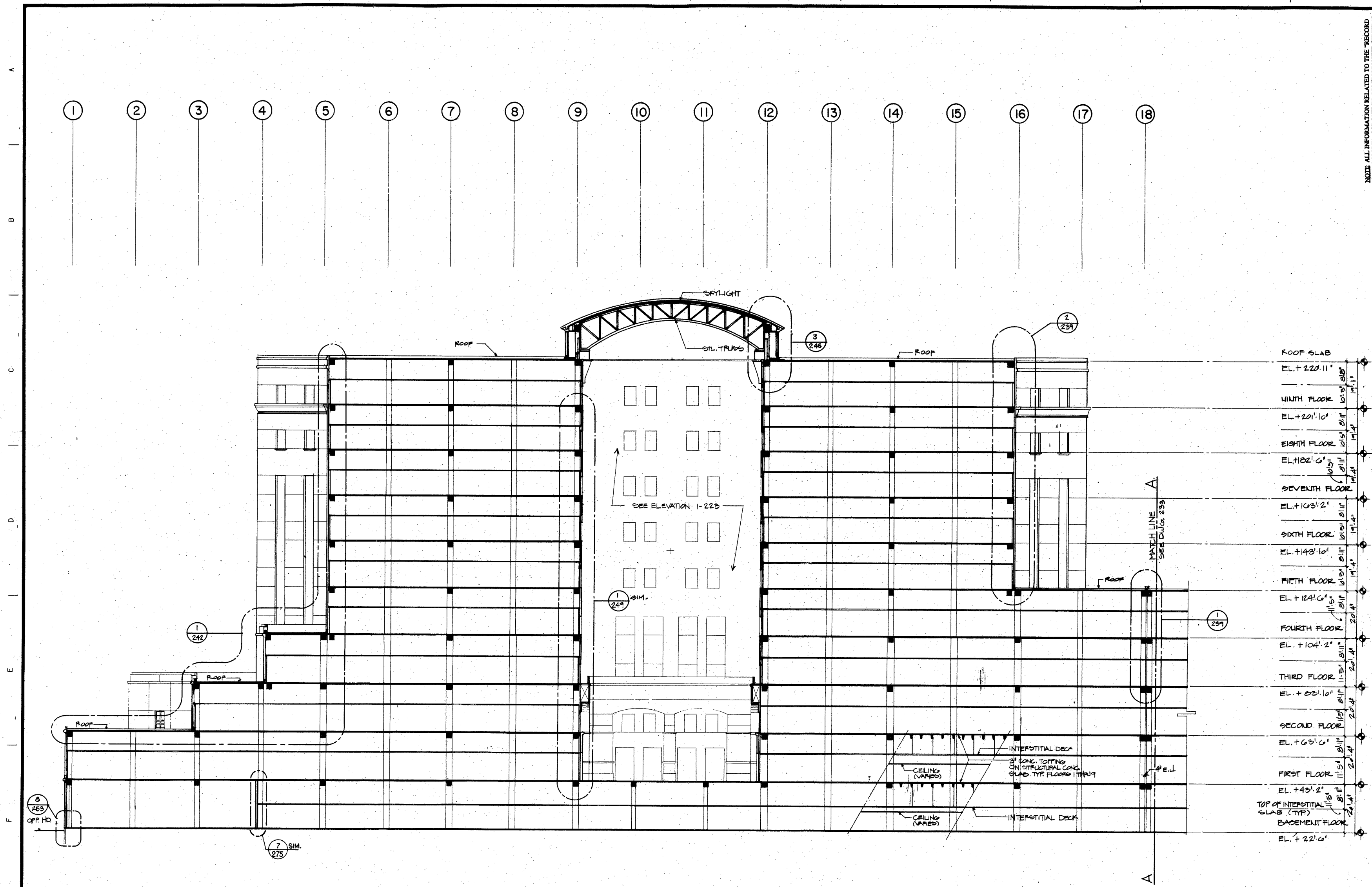


11. WIREWAY HANGER TOP ANCHORING DETAIL No SCALE



12. TERMINATION DETAIL - LARGE CONDUIT (3" OR GREATER) TO 4" x 4" WIREWAY No SCALE

NOTE: ALL INFORMATION RELATED TO THE "RECORD DRAWINGS" WAS PROVIDED SOLELY BY THE GENERAL CONTRACTOR OF RECORD. THE ORIGINAL CONTRACT DOCUMENTS HAVE BEEN REVISSED TO REFLECT THE GENERAL CONTRACTOR'S MARK UPS AND THEREFORE NEITHER THE ARCHITECT NOR THE ENGINEER



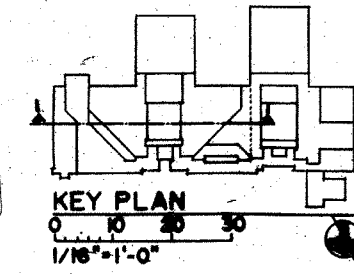
ROOF SLAB	EL. + 220' 11"
NINTH FLOOR	EL. + 201' 10"
EIGHTH FLOOR	EL. + 182' 6"
SEVENTH FLOOR	EL. + 163' 2"
SIXTH FLOOR	EL. + 143' 10"
FIFTH FLOOR	EL. + 124' 6"
FOURTH FLOOR	EL. + 104' 2"
THIRD FLOOR	EL. + 83' 10"
SECOND FLOOR	EL. + 63' 6"
FIRST FLOOR	EL. + 43' 2"
TOP OF INTERSTITIAL SLAB (TYP)	EL. + 22' 6"
BASEMENT FLOOR	EL. + 22' 6"

I. BUILDING SECTION
1/16" = 1'-0"

GENERAL NOTES:

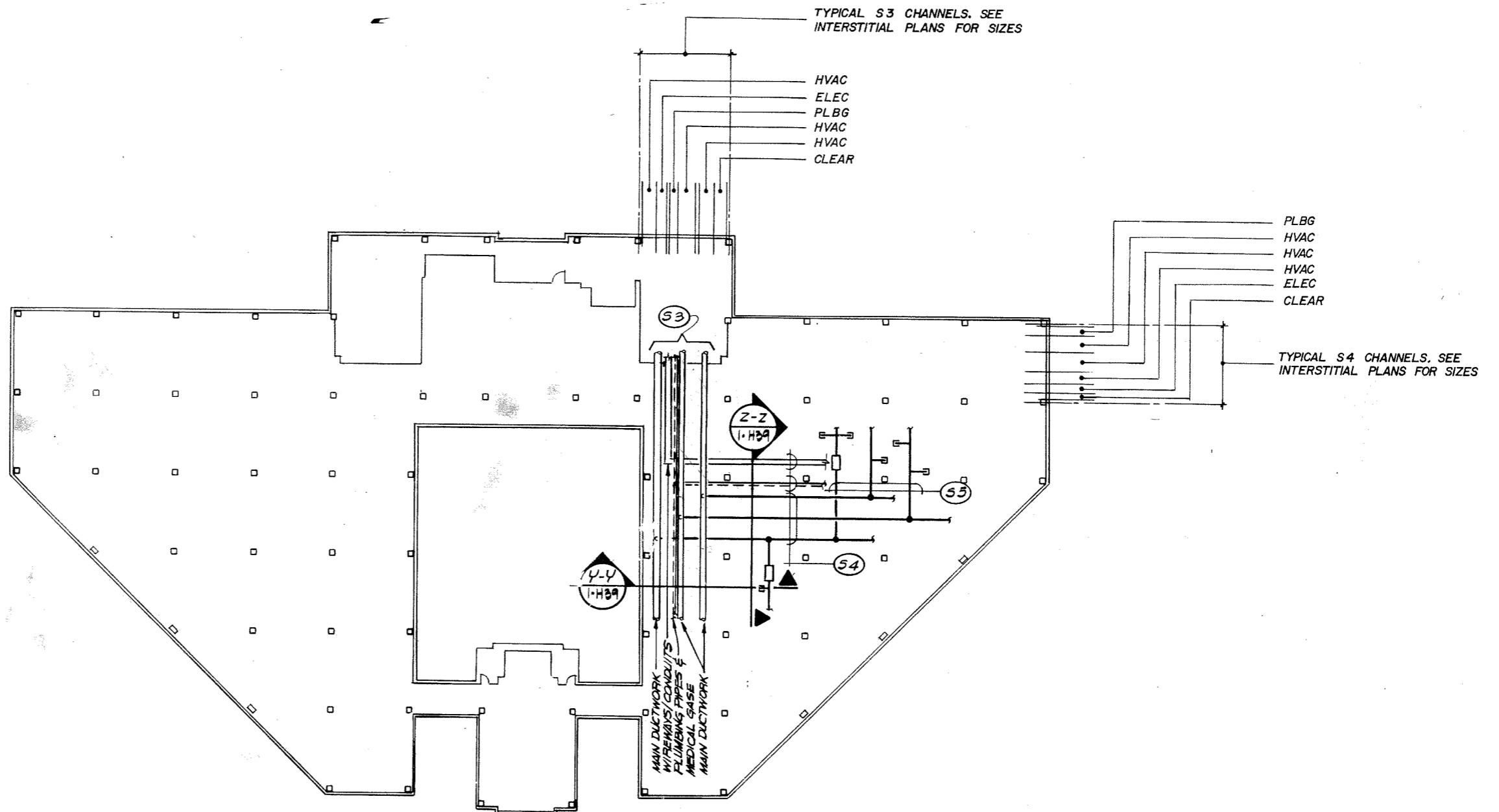
1. THIS BUILDING SECTION IS ONLY A GENERAL DEPICTION OF THE PHYSICAL RELATIONSHIPS & MATERIALS USED. DETAILED STRUCTURAL INFORMATION, INTERIOR PARTITIONS, CEILING & EQUIPMENT ARE NOT SHOWN FOR CLARITY.
REFER TO WALL SECTIONS & DETAILS FOR ADDITIONAL INFORMATION

Buildign Gross Section B-18

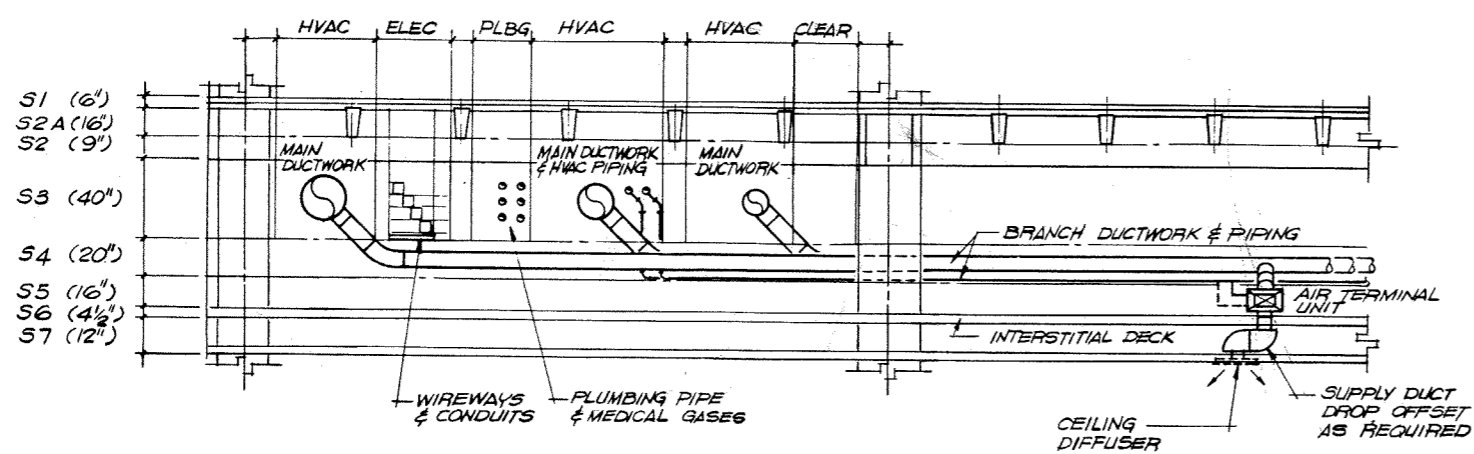


7-3-2-2254

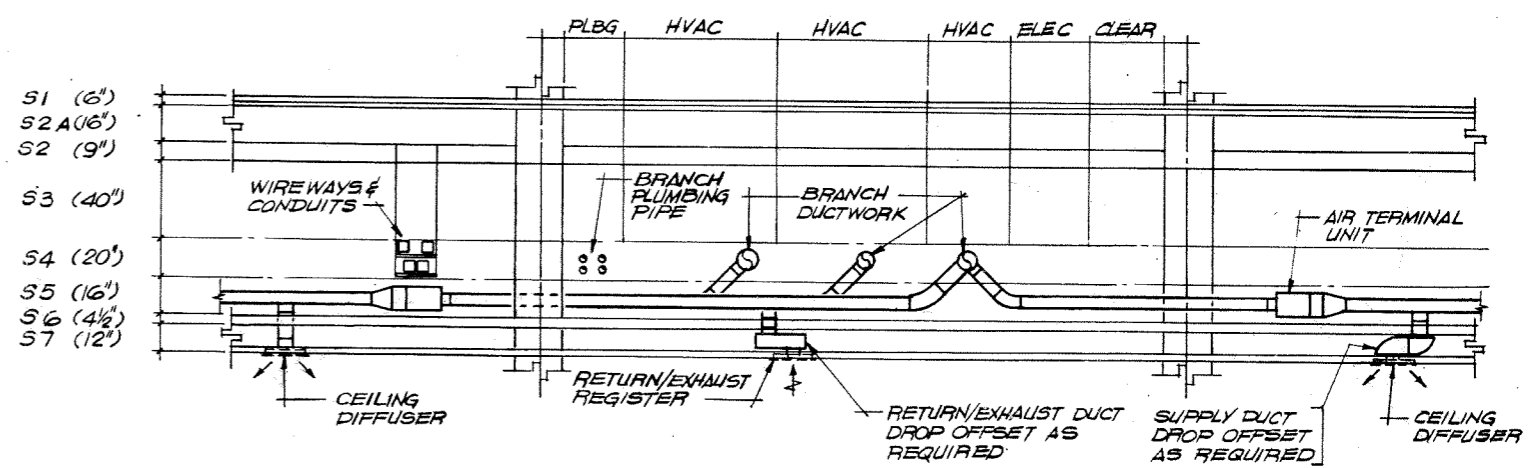
A
B
C
D
E
F
G



TYPICAL INTERSTITIAL SPACE
N.T.S.



Y-Y SECTION
N.T.S.



Z-Z SECTION
N.T.S.

Typical Interstitial Space Composite Plan and Section B-19

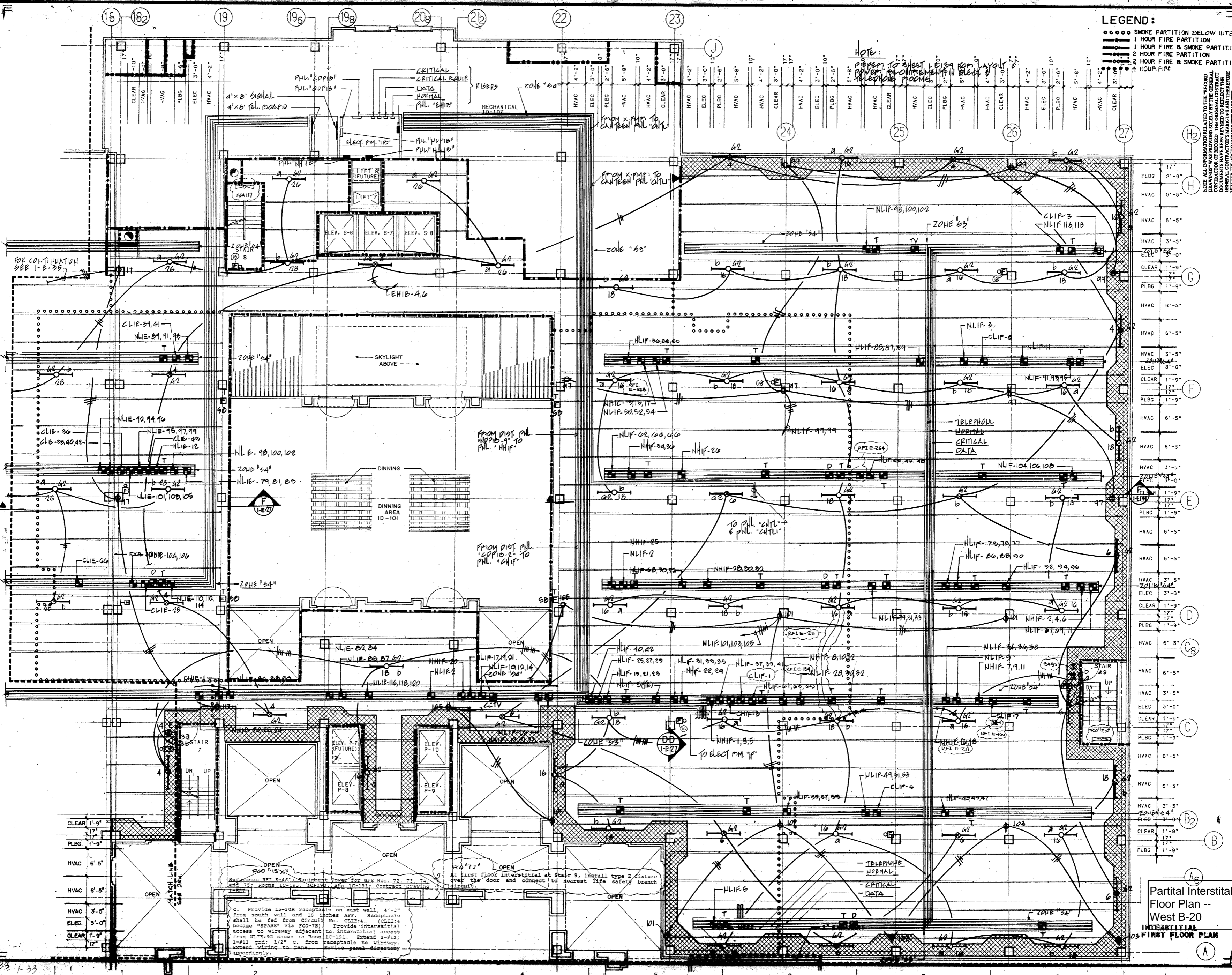
NOTE: ALL INFORMATION RELATED TO THE "RECORD DRAWINGS" WAS PROVIDED SOLELY BY THE GENERAL CONTRACTOR OF RECORD. THE ORIGINAL CONTRACT DOCUMENTS HAVE BEEN REVISED TO REFLECT THE GENERAL CONTRACTOR'S MARK-UPS AND THEREFORE NEITHER THE ARCHITECT NOR THE ENGINEER GUARANTEE THEIR ACCURACY.

BRUNING 44-232 75987

ET	EW	BLK
10	10	10
10	10	10
10	10	10

LEGEND:

- SMOKE PARTITION BELOW INTERIOR
- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE & SMOKE PARTITION
- 2 HOUR FIRE PARTITION
- 2 HOUR FIRE & SMOKE PARTITION
- 4 HOUR FIRE



NOTE:
 FROM X-PANEL TO SHEET 10-19 FOR LAYOUT OF TELEPHONE ROOMS.

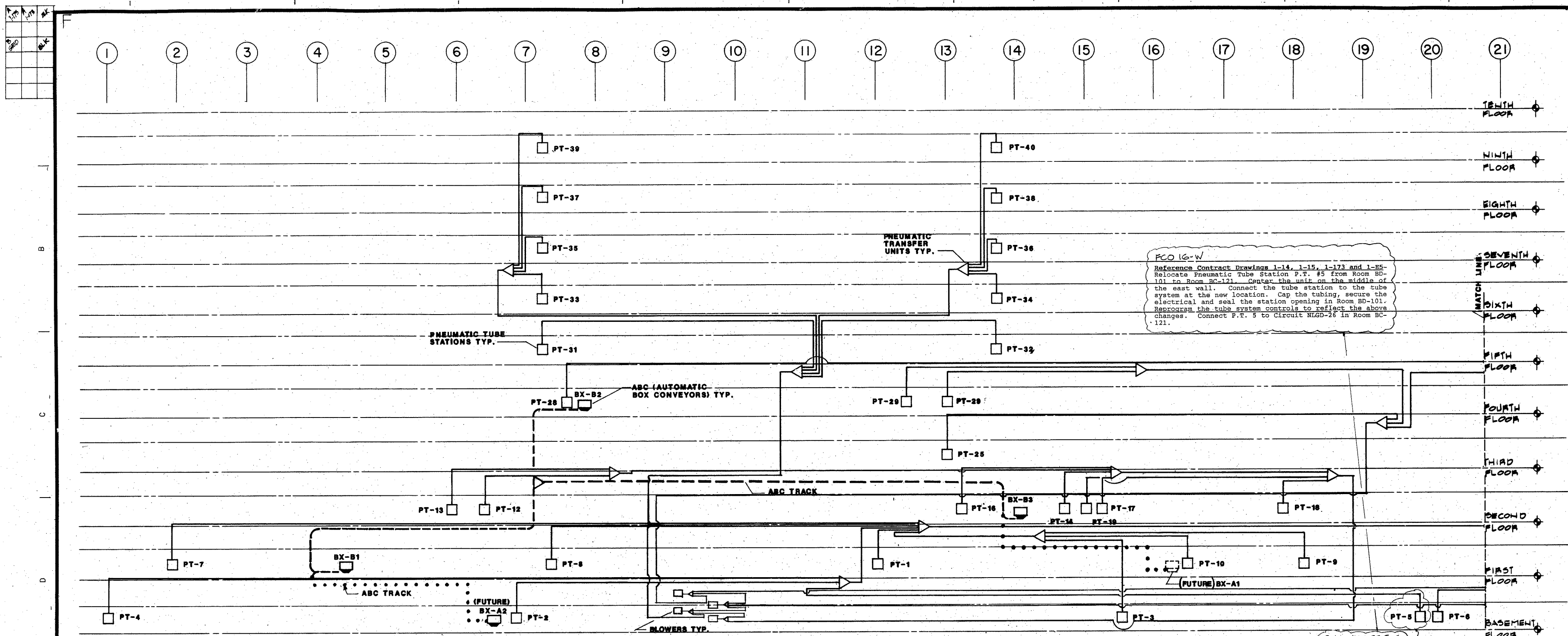
Reference R1 E-46: Equipment Power for GFF Nos. 72, 73, 74 and 75; Rooms 10-12, 10-13, and 10-13; Contract Drawing.

4. Provide 15-30R receptacle on east wall, 4'-0" from south wall and 18 inches AFF. Receptacle shall be fed from circuit No. CLIE:4. (CLIE:4 became "SPARE" via RCU-79). Provide interstitial access to wireway adjacent to interstitial access from NLIE:92 shown in Room 10-13. Extend 2-#12; 1-#12 gnd; 1/2" c. from receptacle to wireway. Connect wiring to panel. Route panel directory accordingly.

Partial Interstitial Floor Plan -- West B-20 INTERSTITIAL FIRST FLOOR PLAN

05/10/89 REVISIONS

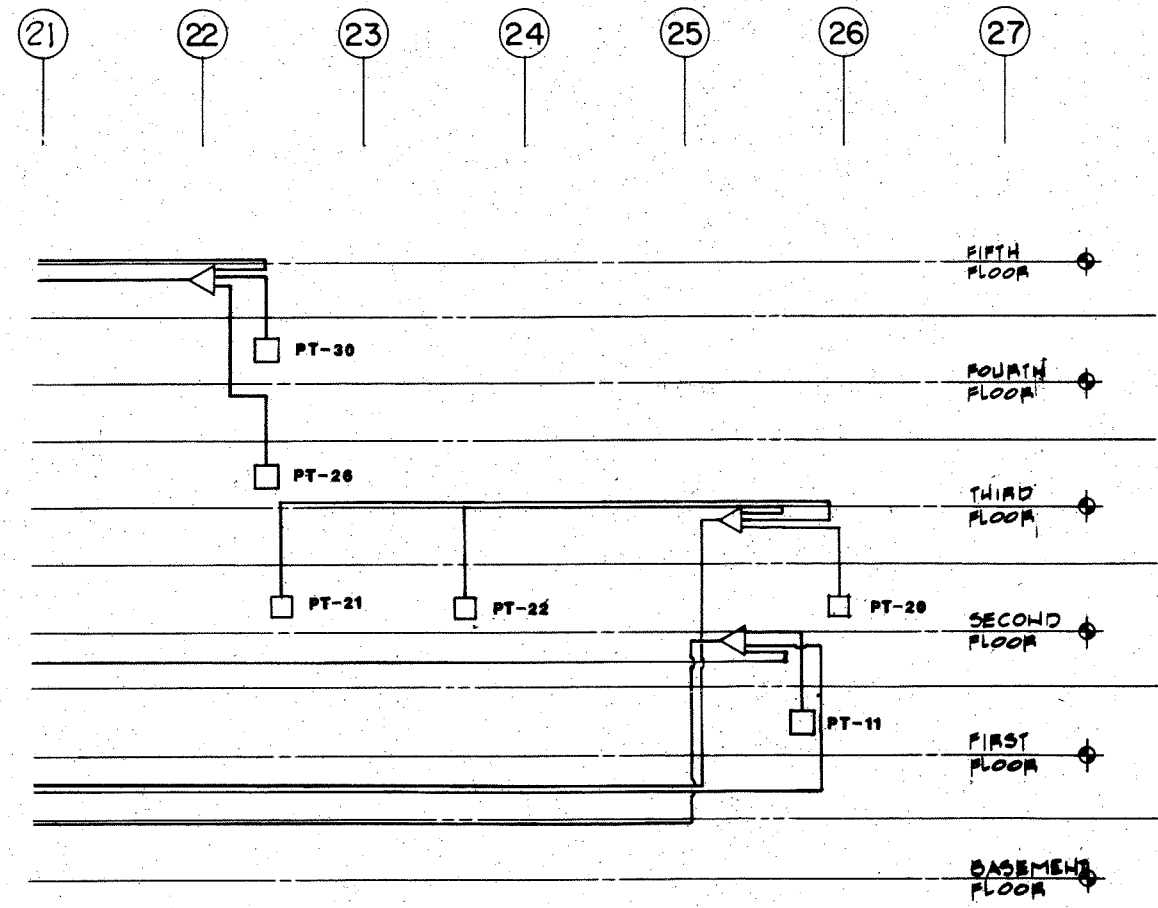
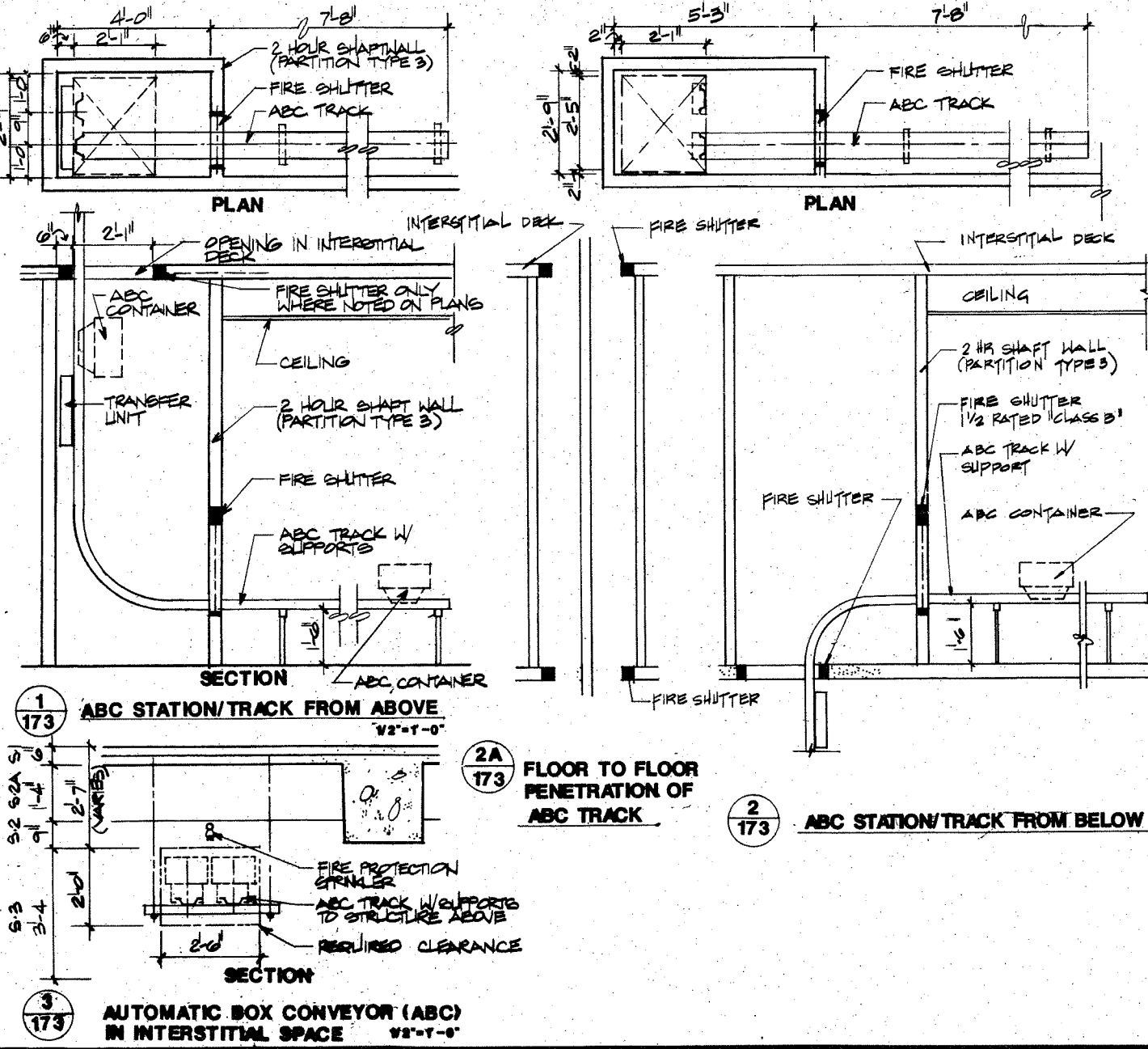
NOTE: ALL INFORMATION RELATED TO THE RECORD DRAWING HAS BEEN REVIEWED BY THE GENERAL CONTRACTOR AND FOUND TO BE ACCURATE. ANY CHANGES TO THE RECORD DRAWING SHALL BE MADE BY THE GENERAL CONTRACTOR'S MARK-UPS AND THEREFORE THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE ACCURACY OF THE RECORD DRAWING.



FCO 16-W
 Reference Contract Drawings 1-14, 1-15, 1-173 and 1-85.
 Relocate Pneumatic Tube Station P.T. #5 from Room BD-101 to Room BC-121. Center the unit on the middle of the east wall. Connect the tube station to the tube system at the new location. Cap the tubing, secure the electrical and seal the station opening in Room BD-101. Reprogram the tube system controls to reflect the above changes. Connect P.T. 5 to Circuit NIGD-26 in Room BC-121.

RELOCATE PT-5 TO ROOM BC-121 - SEE REQUIREMENT NOTE ABOVE

FLOOR	ABC	P-TIME	DEPARTMENT/UNIT/CLERK	RM. NO.	RM. NO.
BASEMENT	PT 2		SFD. DISPATCH	BB-116	
	PT 3		IP PHARMACY	CB-69	
	PT 4		SUPPLY SVC. WAREHOUSE	BB-142	
	PT 5		DATA PROCESSING	BB-142	
	PT 6		SEC. (INCL. CONTROL STA. AND REJECT STA.)	BB-111	
	PT 23		MAS MED. RECORDS FILE ROOM	BB-104	
FIRST	PT 1		OFF. RECEPTION	1A 102A	
	PT 7		AMB. CHIEF, EMERGENCY	1B-131	
	PT 8		AMB. CHIEF CLINIC, RECEPTION	1B-111	
	PT 9		AMB. CHIEF CLINIC, COLLECTION OF SPECIMEN	1B-159	
	PT 10		O.P. PHARMACY	1C-172	
	PT 11		O.P. PHARMACY	1C-106	
SECOND	PT 12		SURGERY CONTROL/ADMIN.	C2-10	
	PT 13		RECOVERY	C2-10	
	PT 14		CARDIOLOGY/PULM./HYPERBARIC	C2-47	
	PT 16		SICU	C2-39	
	PT 17		SICU	C2-44	
	PT 18		MICU	C2-52	
	PT 19		GEICU	C2-84	
	PT 20		DIR. SUITE/CHIEF OF STAFF	C2-68	
	PT 21		NURSING ADMIN.	C2-77	
	PT 22		SUPPLY SVC. ADMIN.	2K-143A	
	PT 23		SICU	2C-134	
THIRD	PT 25		INS	C3-33	
	PT 30		PSYCH. NURSING #1	C3-50	
FOURTH	PT 28		LAB. ADMINISTRATION	4B-106	
	PT 29		DIALYSIS	0A-17	
	PT 30		PSYCH. NURSING #2	0A-39	
	PT 31		NURSING UNIT #1	05-7	
FIFTH	PT 32		NURSING UNIT #2	05-18	
	PT 33		NURSING UNIT #3	05-7	
SIXTH	PT 34		NURSING UNIT #4	05-18	
	PT 35		NURSING UNIT #5	07-7	
SEVENTH	PT 36		NURSING UNIT #6	07-18	
	PT 37		NURSING UNIT #7	08-7	
EIGHTH	PT 38		NURSING UNIT #8	08-18	
	PT 39		NURSING UNIT #9	08-7	
NINTH	PT 40		NURSING UNIT #10	08-18	



Pneumatic Tube / ABC riser Diagram & Schedule B-21

NOTE: ALL INFORMATION RELATED TO THE RECORD DRAWINGS WAS PROVIDED SOLELY BY THE GENERAL CONTRACTOR. THE ORIGINAL CONTRACTOR IS RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION.

FLOOR PENETRATION BY AUTOMATIC BOX CONVEYOR SYSTEM