

OPERATIONS CENTER - 4th FLOOR ALTERATION

PALISADES NY

THE HOLT GROUP ARCHITECTS

THE BARN'S OFFICE CENTER
 SUITE 207 STONELEIGH AVE.
 CARMEL, NEW YORK
 914-279-8282

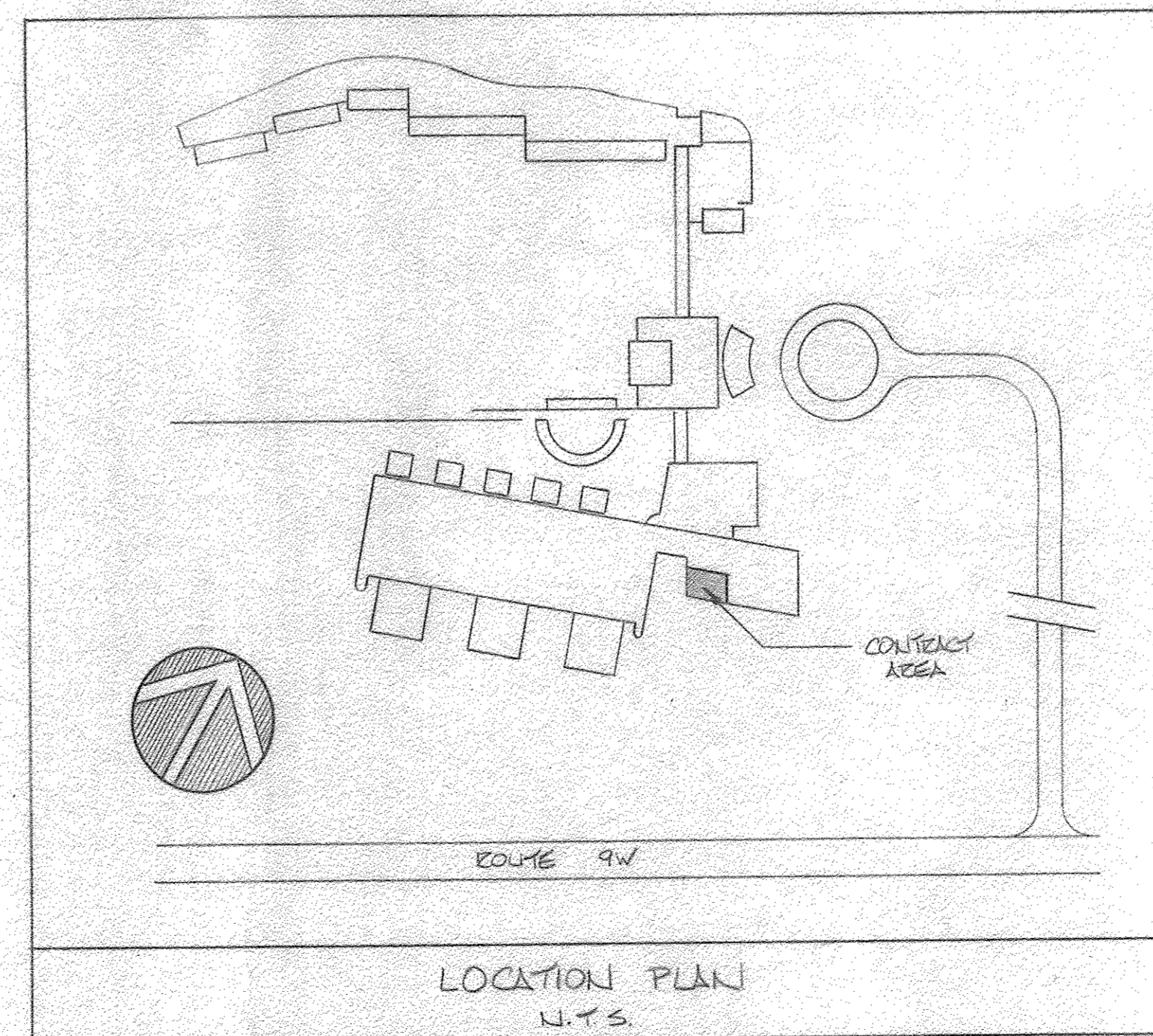
CONSULTANTS

MECHANICAL ENGINEER -

FRANK SCANDALE
 WATERMELON HILL RD.
 MAHOPAC, NEW YORK
 914-628-8141

ELECTRICAL ENGINEER -

ARTHUR R. BREUER, P.E.
 24 N GREENLY AVE.
 CHAPPAQUA, NEW YORK
 914-238-5433



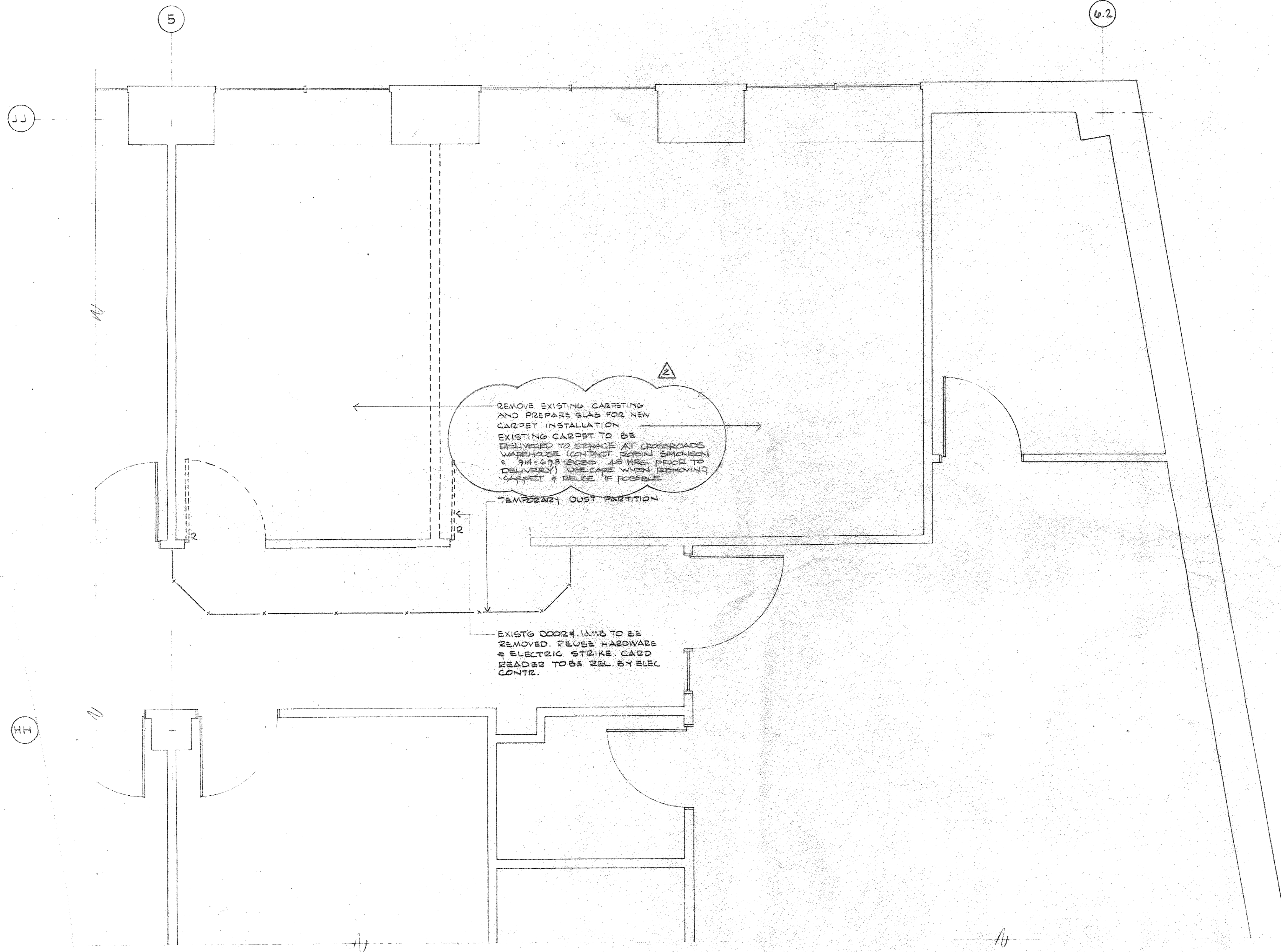
LIST OF DRAWINGS

- A-1 DEMOLITION PLAN
- A-2 DEMOLITION REFLECTED CEILING PLAN
- A-3 CONSTRUCTION PLAN
- A-4 REFLECTED CEILING PLAN
- A-5 FINISH PLAN
- A-6 MILLWORK DETAILS
- A-7 MILLWORK DETAILS
- A-8 MILLWORK DETAILS
- A-9 MILLWORK DETAILS
- M-1 MECHANICAL
- M-2 SPRINKLER PLAN
- E-1 ELECTRICAL - NOTES, SYMBOLS, SCHEDULES
- E-2 ELECTRICAL - LIGHTING PLAN
- E-3 ELECTRICAL - POWER PLAN
- E-4 ELECTRICAL - POWER & DATA ROUTING
- E-5 ELECTRICAL - POWER ROUTING
- E-6 ALARM WIRING TO U.P.S.

RECEIVED
 AUG 27 1991
 ZONING BLDG. DEPT.
 TOWN OF ORANGETOWN

LEGEND

SYMBOL	DESCRIPTION
	EXISTING DOOR & FRAME TO BE REMOVED
	EXISTING DOOR & FRAME TO BE RELOCATED
	EXISTING DOOR & FRAME TO REMAIN
	NEW OR RELOCATED DOOR & FRAME. FOR NUMBER INDICATION SEE DOOR SCHEDULE
	METAL STUD & GYPSUM BOARD PARTITION TO BE REMOVED
	EXISTING PARTITION TO REMAIN
	NEW 3 1/2" METAL STUD & 5/8" GYPSUM BOARD PARTITION CEILING HIGH TO MATCH EXISTING
	FLOURESCENT LIGHT FIXTURE TO BE REMOVED
	EXISTING FLOURESCENT LIGHT FIXTURE TO REMAIN
	NEW OR RELOCATED FLOURESCENT LIGHT FIXTURE
	NEW 2'x2' FLOURESCENT LIGHT FIXTURE
	TEMPORARY DUST PARTITION (PLASTIC FACED)



REMOVE EXISTING CARPETING AND PREPARE SLAB FOR NEW CARPET INSTALLATION. EXISTING CARPET TO BE DELIVERED TO STORAGE AT CROSSROADS WAREHOUSE (CONTACT ROBIN SIMONSON @ 914-698-8000 48 HRS. PRIOR TO DELIVERY) USE CARE WHEN REMOVING CARPET & REUSE IF POSSIBLE.

TEMPORARY DUST PARTITION

EXISTG DOOR FRAME TO BE REMOVED. REUSE HARDWARE & ELECTRIC STRIKE. CARD READER TO BE REL. BY ELEC. CONTR.

the HOLT GROUP
 The Bams Office Center Suite • 207
 Stoneleigh Avenue • Carmel • New York • 10512

914 • 279 • 8282

ARCHITECTS



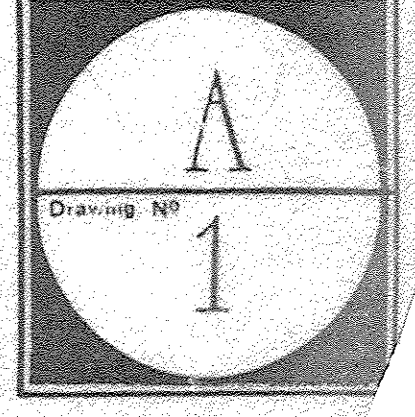
CONSULTANTS			
NO.	BY	REVISION	DATE

REVISIONS			
NO.	BY	REVISION	DATE
2		CARPET REMOVAL & LEGEND	15 AUG. '90
1		OUT TO BID	1 AUG. '90

PROJECT: **IBM • PALISADES, N.Y.**
OPERATIONS CENTER
4th FLOOR ALTERATION

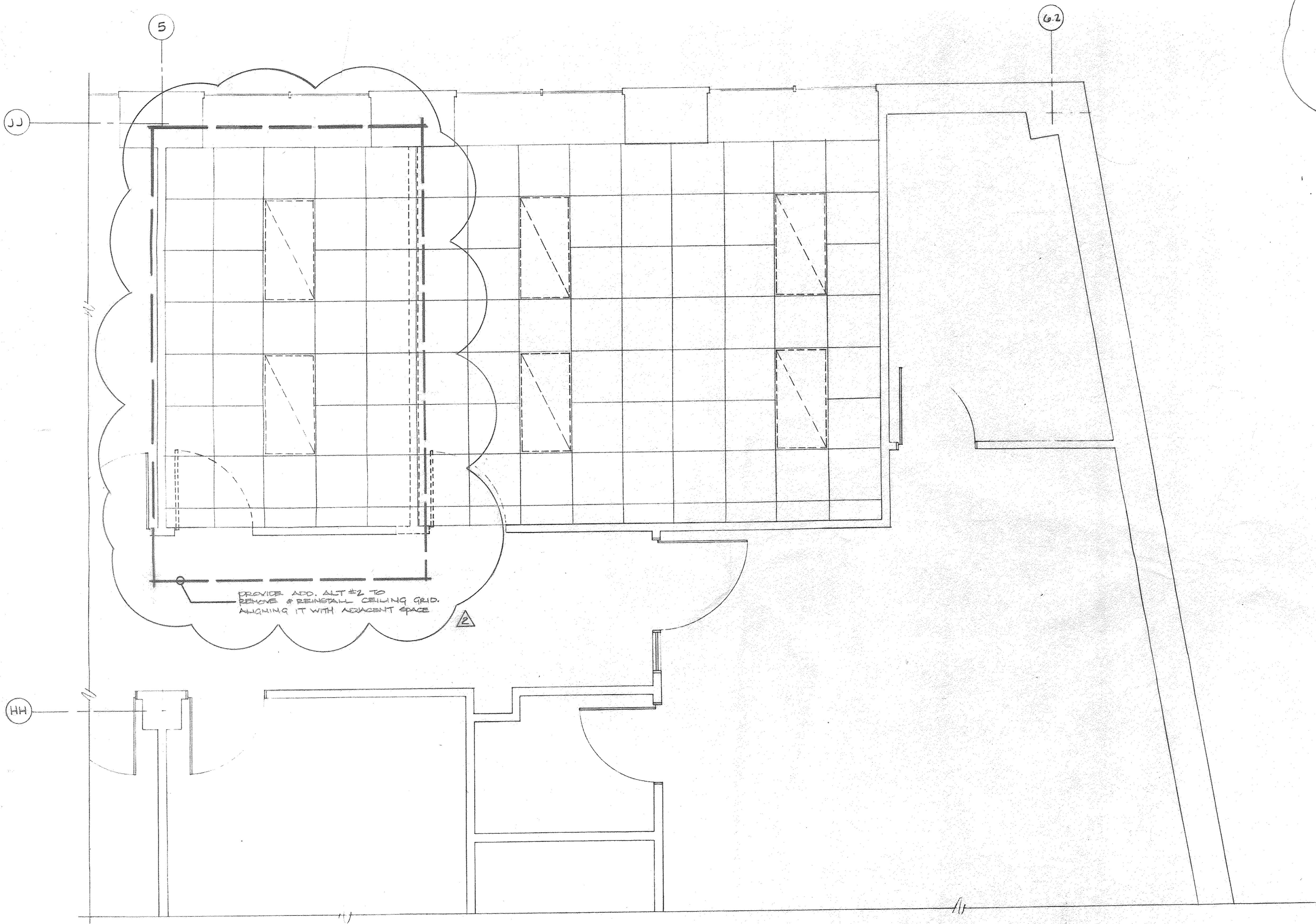
TITLE: **DEMOLITION PLAN**

SCALE: 1/2" = 1'-0" DATE: JUNE 90 PROJECT NO: 9012 DRAWN BY: EPERTS

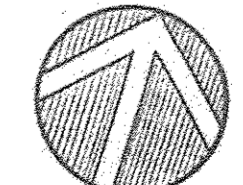


GENERAL NOTES

- 1) PATCH CEILING & GRID WHERE DISTURBED BY CONSTRUCTION & DEMOLITION
- 2) REPLACE DAMAGED CEILING TILES W/ NEW TO MATCH EXIST'G (ARMSTRONG, FISHER MINATONE ITEM #705A, 24" x 24" x 5/8") TEALASE LAY-IN). (GRID: NATIONAL ROLLING MILLS INC. - SULLOCK SERIES "ELK" - "ALUMINUM WHITE" COLOR)



PROVIDE ADD. ALT #2 TO REMOVE & REINSTALL CEILING GRID. ALIGNING IT WITH ADJACENT SPACE



the HOLT GROUP

The Barns Office Center Suite • 207
Stoneleigh Avenue • Carmel • New York • 10512

ARCHITECTS

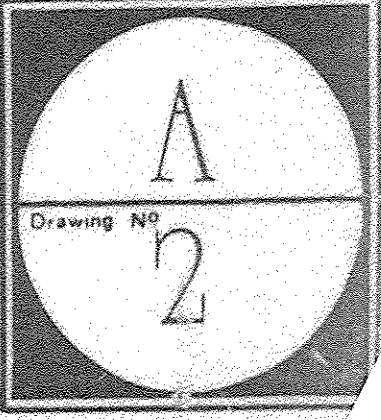
914 • 279 • 8282



CONSULTANTS:			
NO	BY	REVISION	DATE

REVISIONS:			
NR	BY	REVISION	DATE
2		CEILING GRID REMOVAL & REINSTALLATION	15 AUG '90
1		OUT TO BID	1 AUG '90

PROJECT: IBM • DALIASES, N.Y.			
OPERATIONS CENTER			
4th FLOOR ALTERATION			
TITLE: Demolition Reflected Ceiling Plan			
SCALE: 1/2" = 1'-0"	DATE: 1 JUNE 90	PROJECT NO: 901Z	DRAWN BY: EDEPETS



GENERAL NOTES

1. A NEW CONDUIT WILL BE INSTALLED IN RM#4119 BY ELECTRICAL CONTR. ADJ TO COL. 4-14. G.C. SHALL FUR OUT COLUMN W/MTL. STUD & GYP BD TO ENCLOSE CONDUIT. PATCH & PAINT TO MATCH ADJ. SURFACES.
2. NO WORK SHALL BE PERFORMED WHICH DISTURBS CURRENT USE OF THIS AREA UNTIL ALL MATERIALS, CABINETS, ETC. ARE READY TO BE INSTALLED. THE ROOM SHALL BE UNDER CONSTRUCTION FOR THE MINIMUM TIME PERIOD NECESSARY. A CONSTRUCTION SCHEDULE SHALL BE SUBMITTED & APPROVED BY IBM REP. PRIOR TO START OF WORK.

SEE DET. 5, A-9 FOR AIR/CABLE ACCESS DETS. (TYPICAL)

WHITEBOARD W/ SLIDING TACK SURFACE. SEE DETAIL 4, A-9

PROVIDE 1/2" HONASOTE PANEL FACED W/GULFORD 200-912 JASPE CRYSTAL FABRIC ABOVE COUNTER & BELOW UPPER CABINETS.

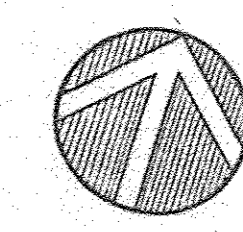
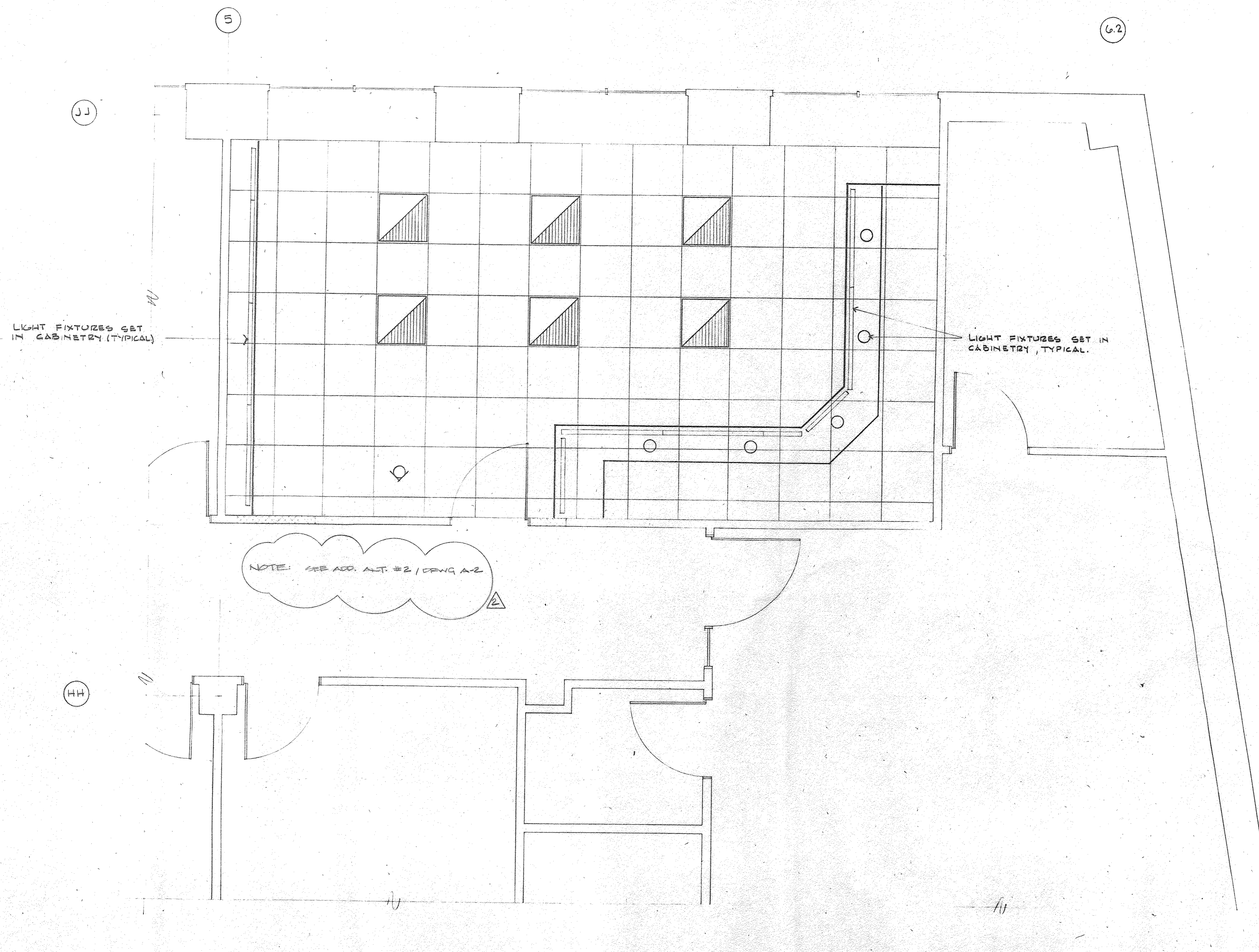
SLIDE-OUT KEYBOARD TRAY (TYPICAL)

PATCH OPENING WHERE DOOR WAS REMOVED

PROVIDE NEW 2'-10" x 6'-8" C-2ATED, FLUSH, SOLID CORE WOOD DOOR TO MATCH EXISTING W/ 2" METAL JAMB HARDWARE & ELECTRIC STRIKE TO BE RELOCATED.

NEW SIGN LOCATION - SEE DET. #6, DWG. A-9

<p>the HOLT GROUP The Barns Office Center Suite 207 Stoneleigh Avenue • Carmel • New York • 10512</p> <p style="text-align: right;">914 • 279 • 8282</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">ARCHITECTS</p>		CONSULTANTS: 	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:5%;">NO</th> <th style="width:15%;">BY</th> <th style="width:40%;">REVISION</th> <th style="width:20%;">DATE</th> </tr> <tr> <td>2</td> <td>DER CIVE</td> <td>15 AUG. '90</td> <td></td> </tr> <tr> <td>1</td> <td>OUT TO BID</td> <td>1 AUG. '90</td> <td></td> </tr> </table>	NO	BY	REVISION	DATE	2	DER CIVE	15 AUG. '90		1	OUT TO BID	1 AUG. '90		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">PROJECT: IBM • PALISADES, N.Y.</td> </tr> <tr> <td colspan="2">OPERATIONS CENTER</td> </tr> <tr> <td colspan="2">4th FLOOR ALTERATION</td> </tr> <tr> <td colspan="2">TITLE: Construction Plan</td> </tr> <tr> <td>SCALE: 1/2" = 1'-0"</td> <td>DATE: 1 JUNE 90</td> </tr> <tr> <td>PROJECT NO. 9012</td> <td>DRAWN BY: EBBTS</td> </tr> </table>	PROJECT: IBM • PALISADES, N.Y.		OPERATIONS CENTER		4th FLOOR ALTERATION		TITLE: Construction Plan		SCALE: 1/2" = 1'-0"	DATE: 1 JUNE 90	PROJECT NO. 9012	DRAWN BY: EBBTS	
		NO	BY	REVISION	DATE																								
2	DER CIVE	15 AUG. '90																											
1	OUT TO BID	1 AUG. '90																											
PROJECT: IBM • PALISADES, N.Y.																													
OPERATIONS CENTER																													
4th FLOOR ALTERATION																													
TITLE: Construction Plan																													
SCALE: 1/2" = 1'-0"	DATE: 1 JUNE 90																												
PROJECT NO. 9012	DRAWN BY: EBBTS																												



the HOLT GROUP
 The Barns Office Center Suite • 207
 Stoneleigh Avenue • Carmel • New York • 10512

914 • 279 • 8282

ARCHITECTS



CONSULTANTS			
NO	BY	REVISION	DATE

REVISIONS			
NO	BY	REVISION	DATE
2		GENERAL	15 AUG '90
1		OUT TO BID	1 AUG '90

PROJECT: IBM • PALISADES, N.Y.
 OPERATIONS CENTER
 4th FLOOR ALTERATION

TITLE: Reflected Ceiling Plan

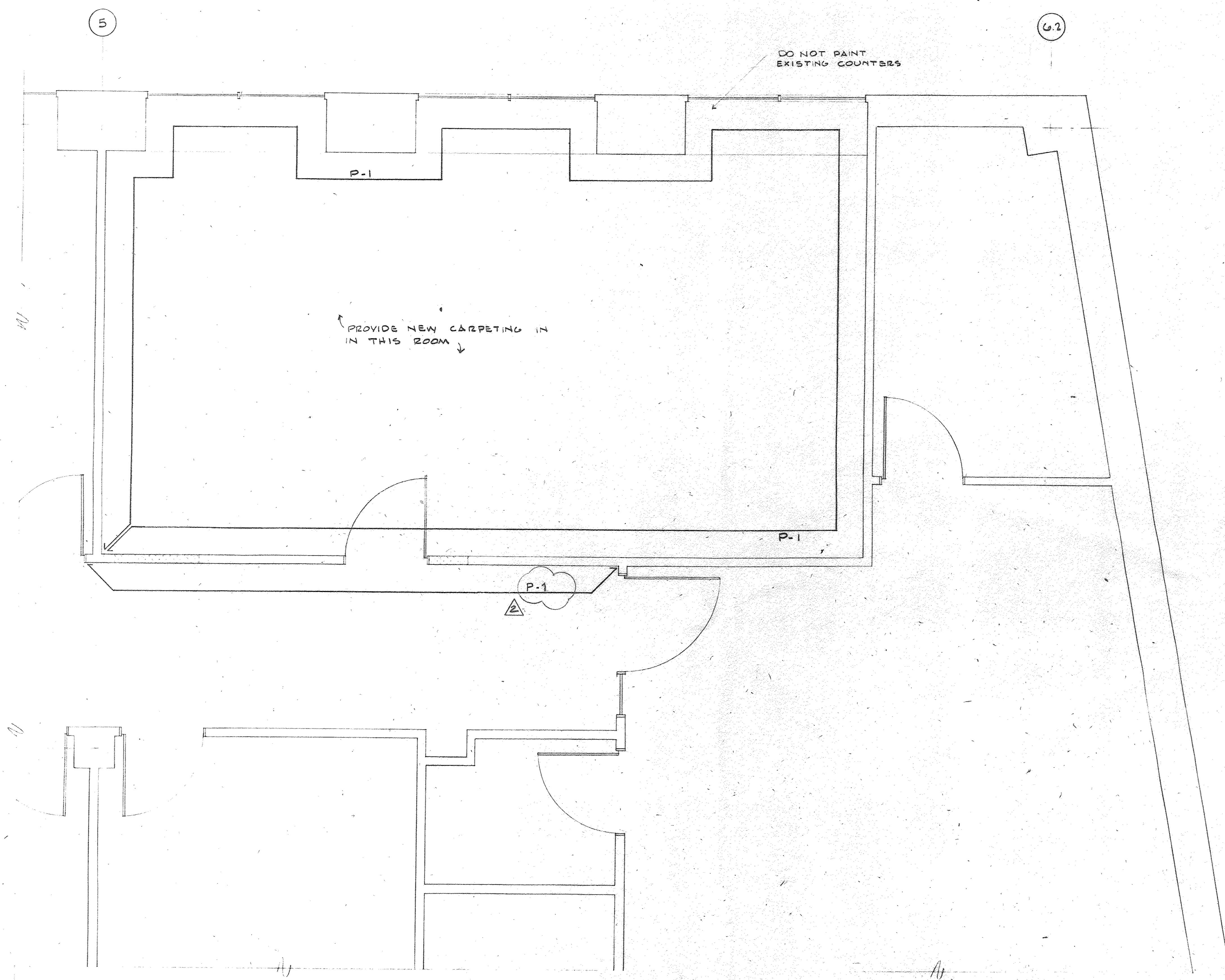
SCALE: 1/2" = 1'-0" DATE: 1 JUNE 90 PROJECT NO: 901Z DRAWN BY: EBERTS

Drawing No. **4**

648 6957-7
10247

• FINISH SCHEDULE •

- FLOORING**
1. OPERATIONS ROOM SHALL RECEIVE NEW CARPETING TO MATCH BUILDING STANDARD. COLLING & AIRMAN CUSTOM ORDER #6957-7-1, CUSTOM BLUE #66501, CUSTOM STYLE #10247
 2. PROVIDE NEW VINYL BASE MOLDING & FLEXO VINYL STRAIT BASE 2 1/2" HIGH, COLOR #VL-700 "LIGHT GRAY" TO MATCH BUILDING STANDARD INSIDE OPERATIONS ROOM. PATCH CORRIDOR BASE MOLDING TO MATCH EXISTG. WHERE DISTURBED BY CONSTRUCTION
- WALL FINISHES**
1. - INDICATES LIMIT OF NEW WALL FINISH
 2. P-1 SHERWIN WMS. PAINT TO MCH. PRATT & LANBERT COLOR #Y414W "SILVER LINING" TO MCH. BLDG. STANDARD FOR OFFICES. PAINT IS FLAT.
 3. P-2 - SAME AS P-1
 4. DOOR JAMBES TO BE PAINTED SHERWIN WILLIAM PAINT TO MCH. FLESCO #VL-700 BASE MOLDING IN SEMI-GLOSS
 5. ALL WALL SURFACES NOT OTHERWISE INDICATED SHALL BE PAINTED TO MCH. BLDG. STANDARD
 6. CONTRACTORS SHALL SUBMIT SAMPLES OF ALL FINISH PRODUCTS TO ARCHITECT & IBM FOR APPROVAL
- MILLWORK**
1. SEE COND. A.G. FOR ALL MILLWORK FINISHING INFORMATION



the HOLT GROUP
The Barrs Office Center Suite • 207
Stoneleigh Avenue • Carmel • New York • 10512

914 • 279 • 8282

ARCHITECTS



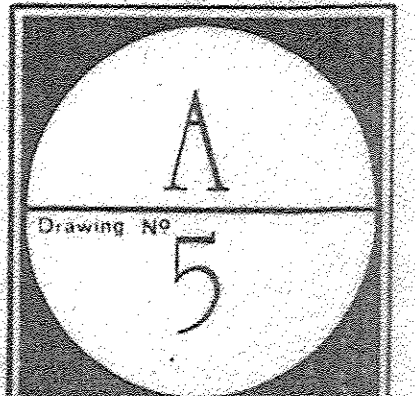
CONSULTANTS				
NO	BY	REVISION	DATE	

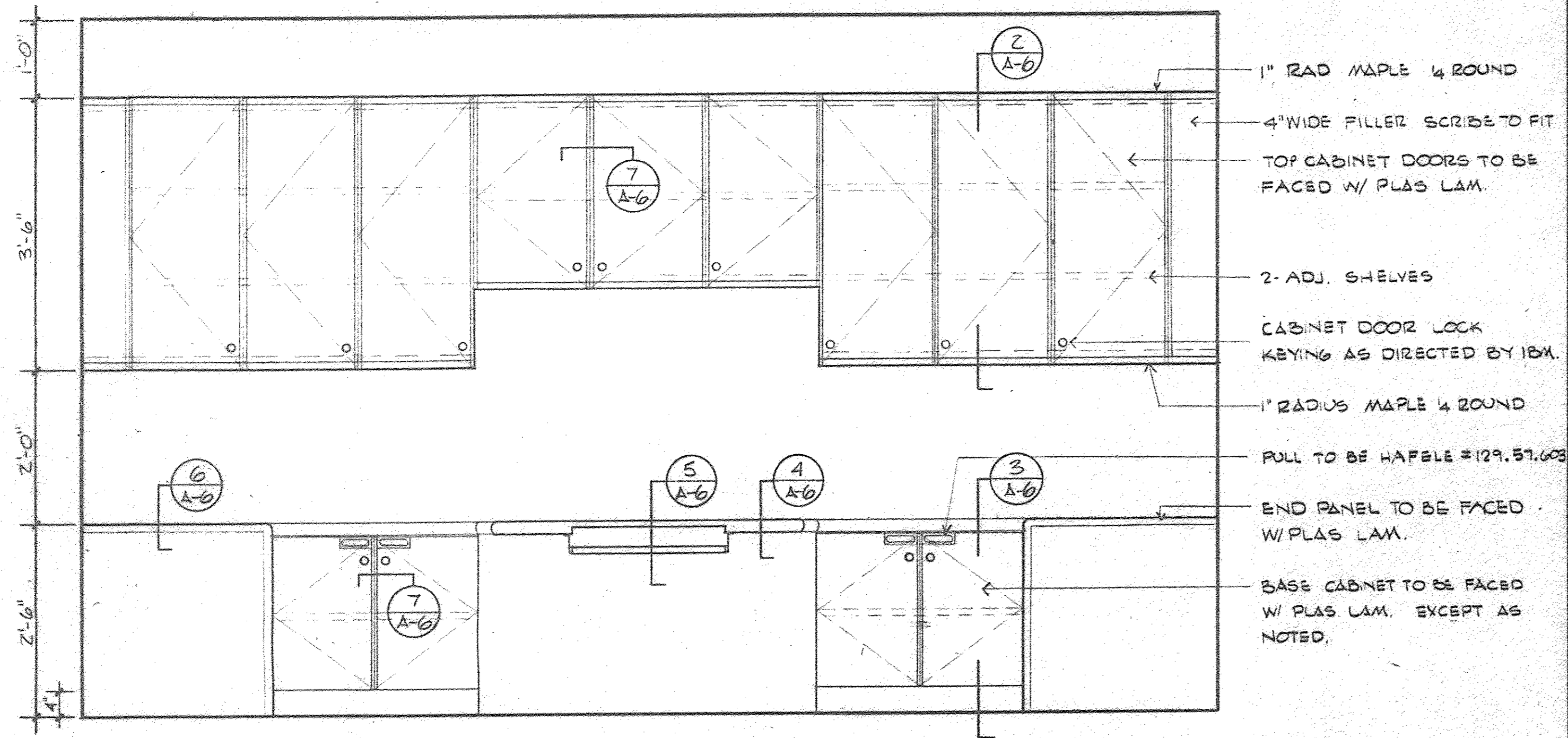
FINISHED REVISIONS				
NO	BY	REVISION	DATE	
2		FINISHED REVISIONS	15	AUG '90
1		OUT TO BID	1	AUG '90

PROJECT: IBM • PALISADES, N.Y.
OPERATIONS CENTER
4th FLOOR ALTERATION

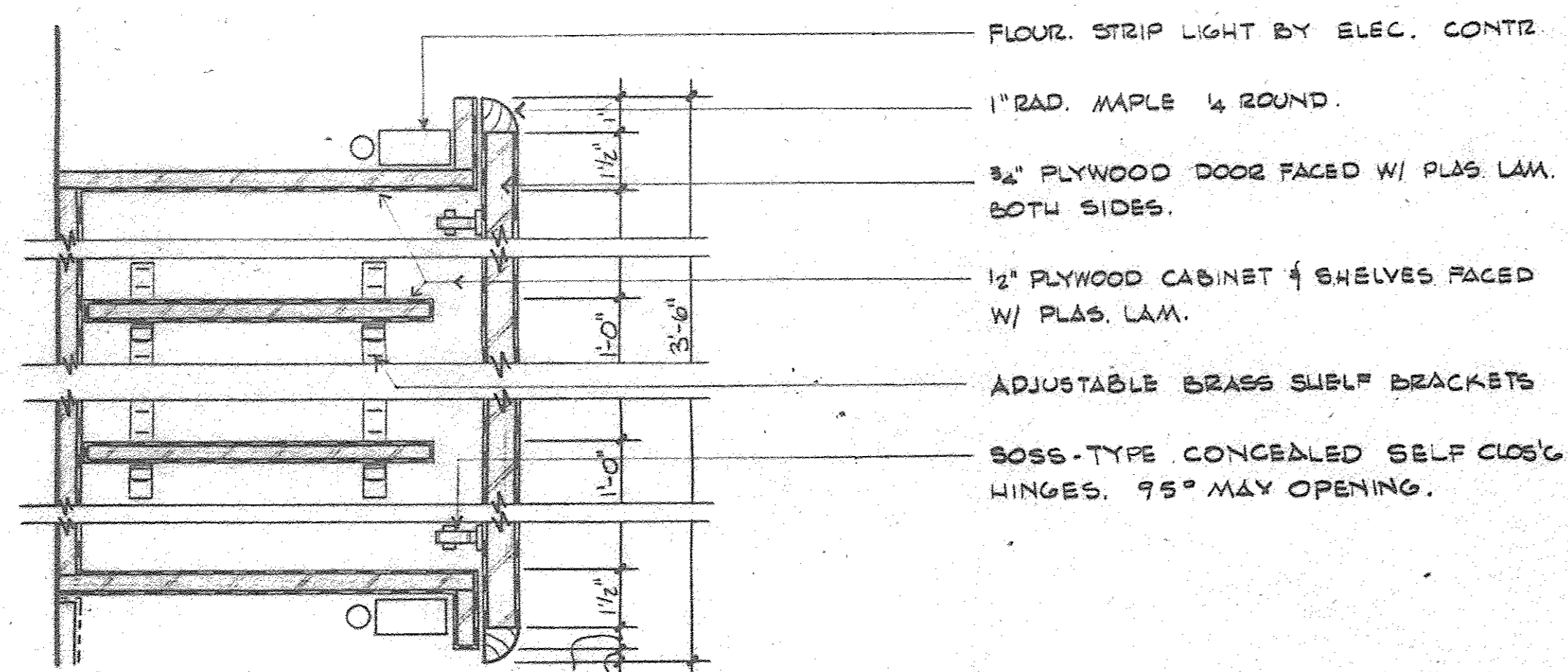
TITLE: Finish Plan

SCALE: 1/2" = 1'-0" DATE: 1 JUNE 90 PROJECT NO: 9012 DRAWN BY: EBBETS

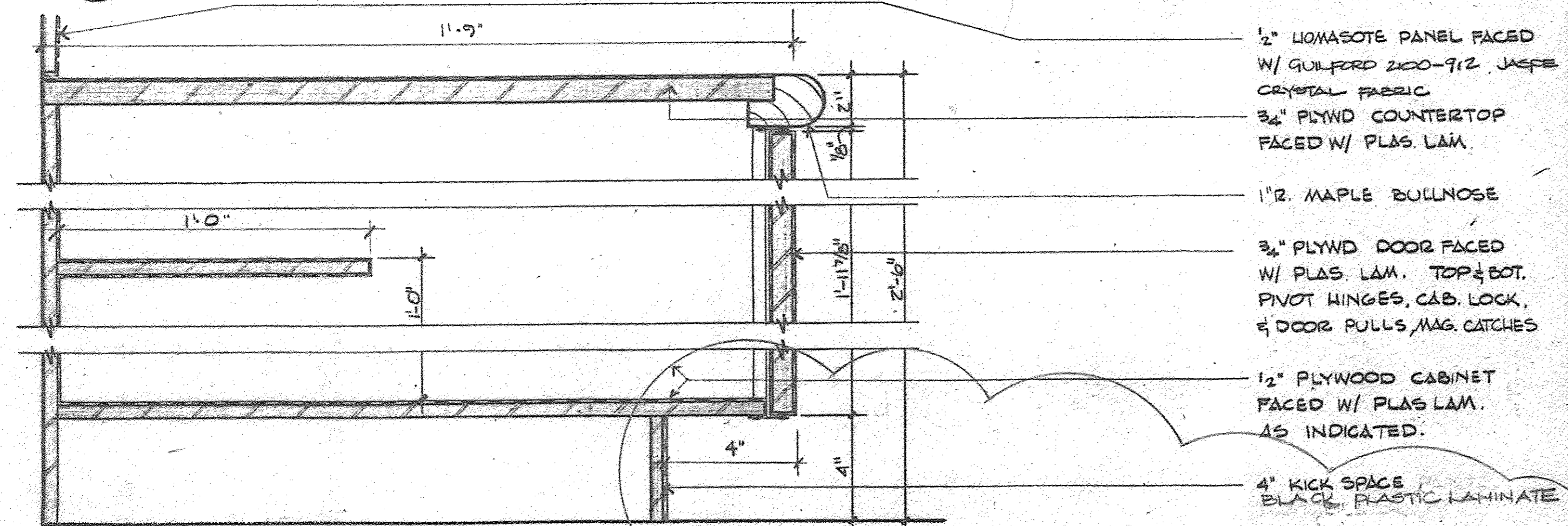




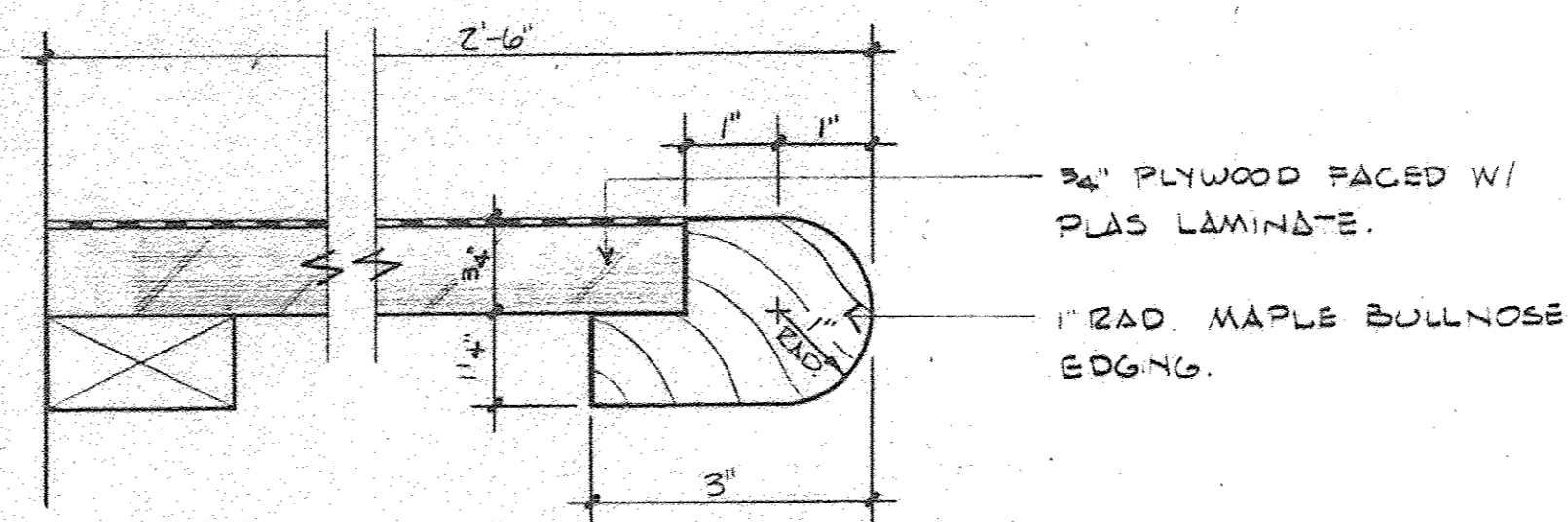
1 ELEVATION
 SCALE: 3/4" = 1'-0"



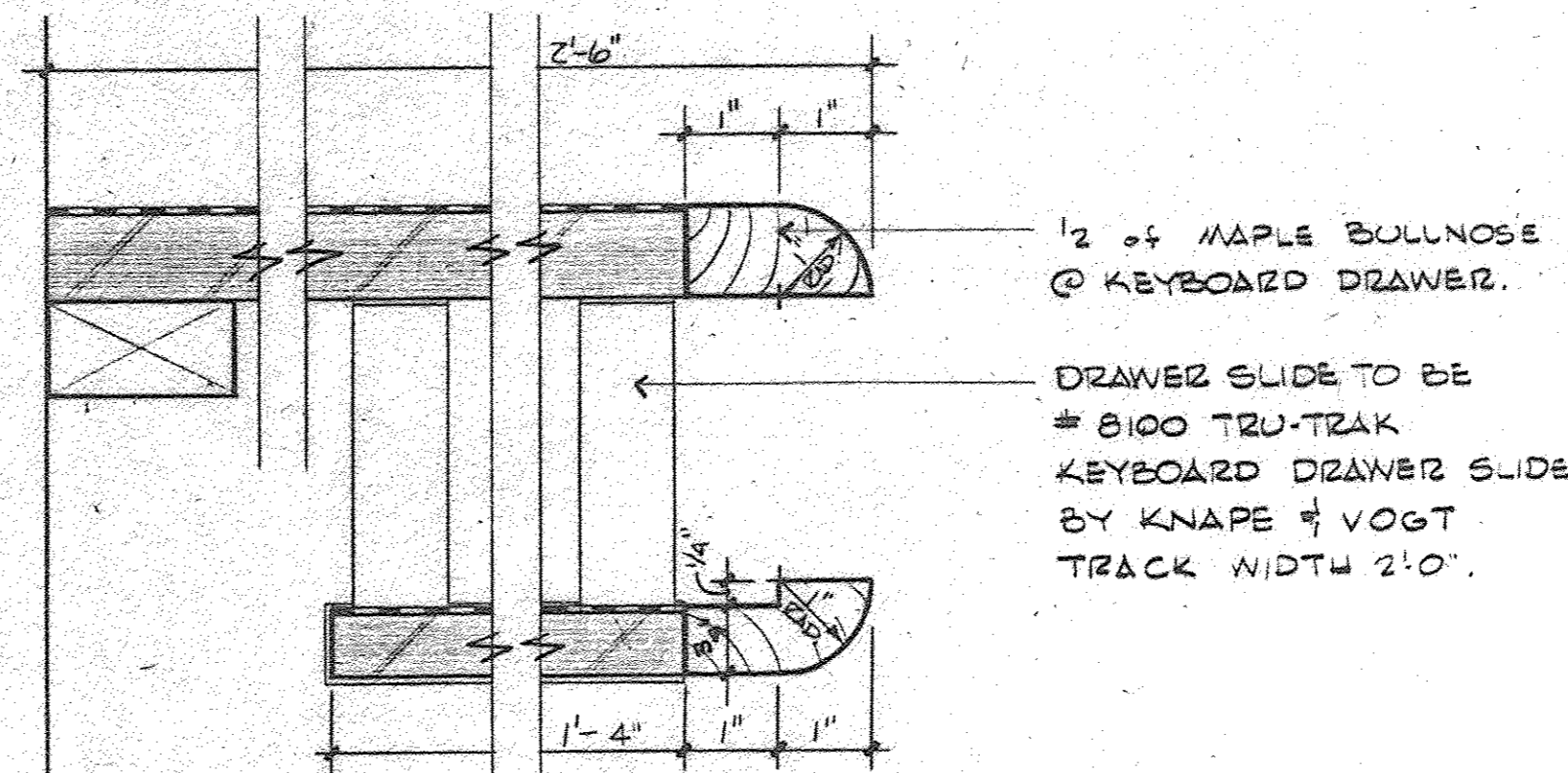
2 SECTION THRU TOP CABINET
 SCALE: 3" = 1'-0"



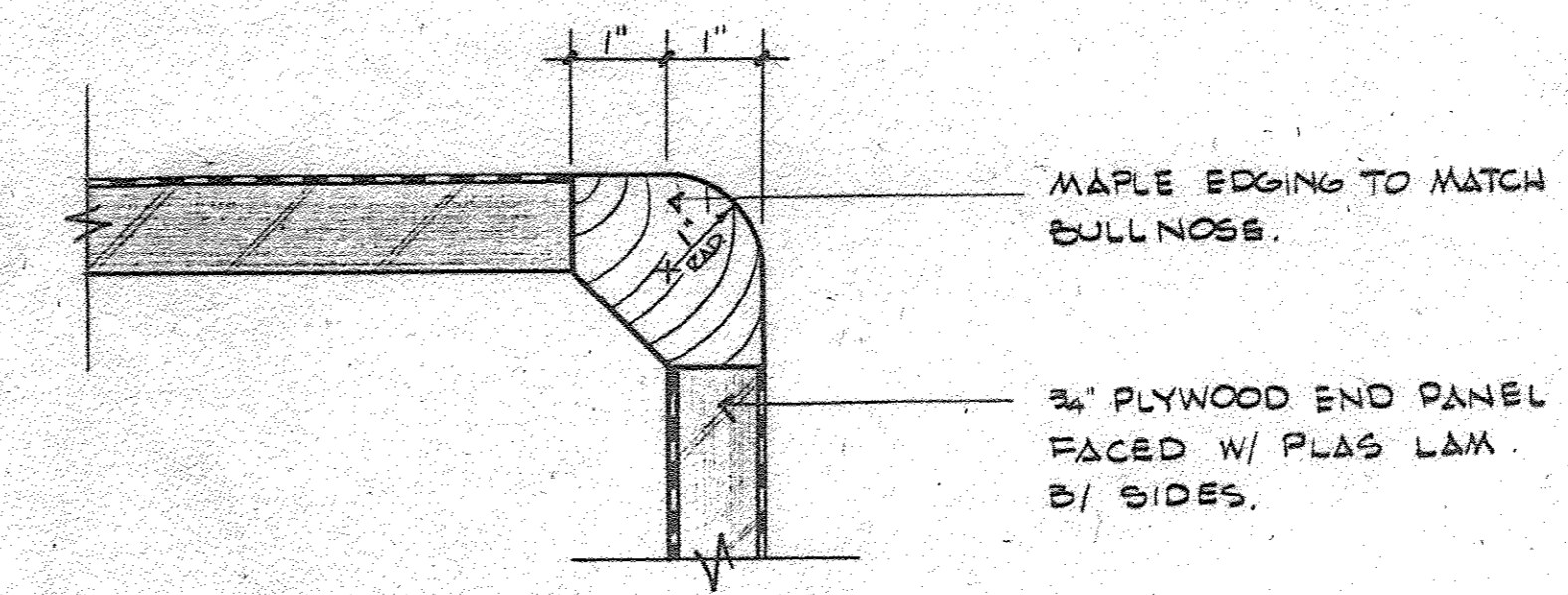
3 SECTION THRU BOTTOM CABINET
 SCALE: 3" = 1'-0"



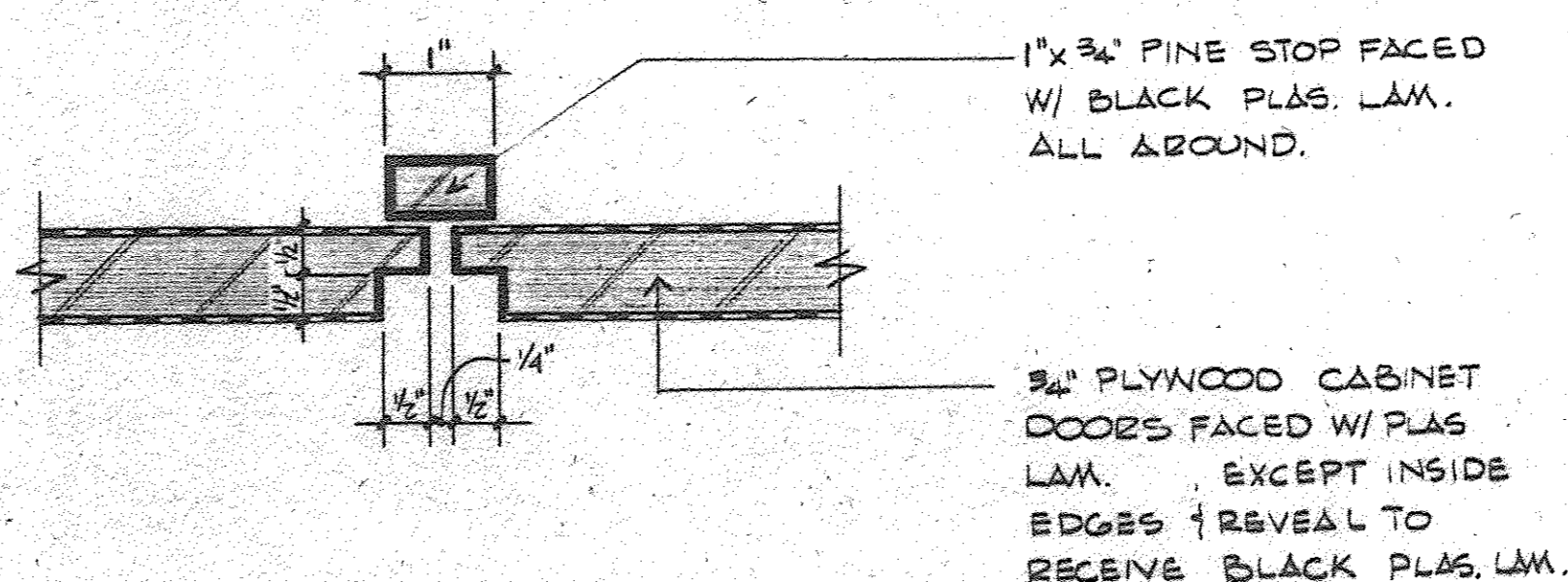
4 SECTION THRU NOSING
 SCALE: 6" = 1'-0"



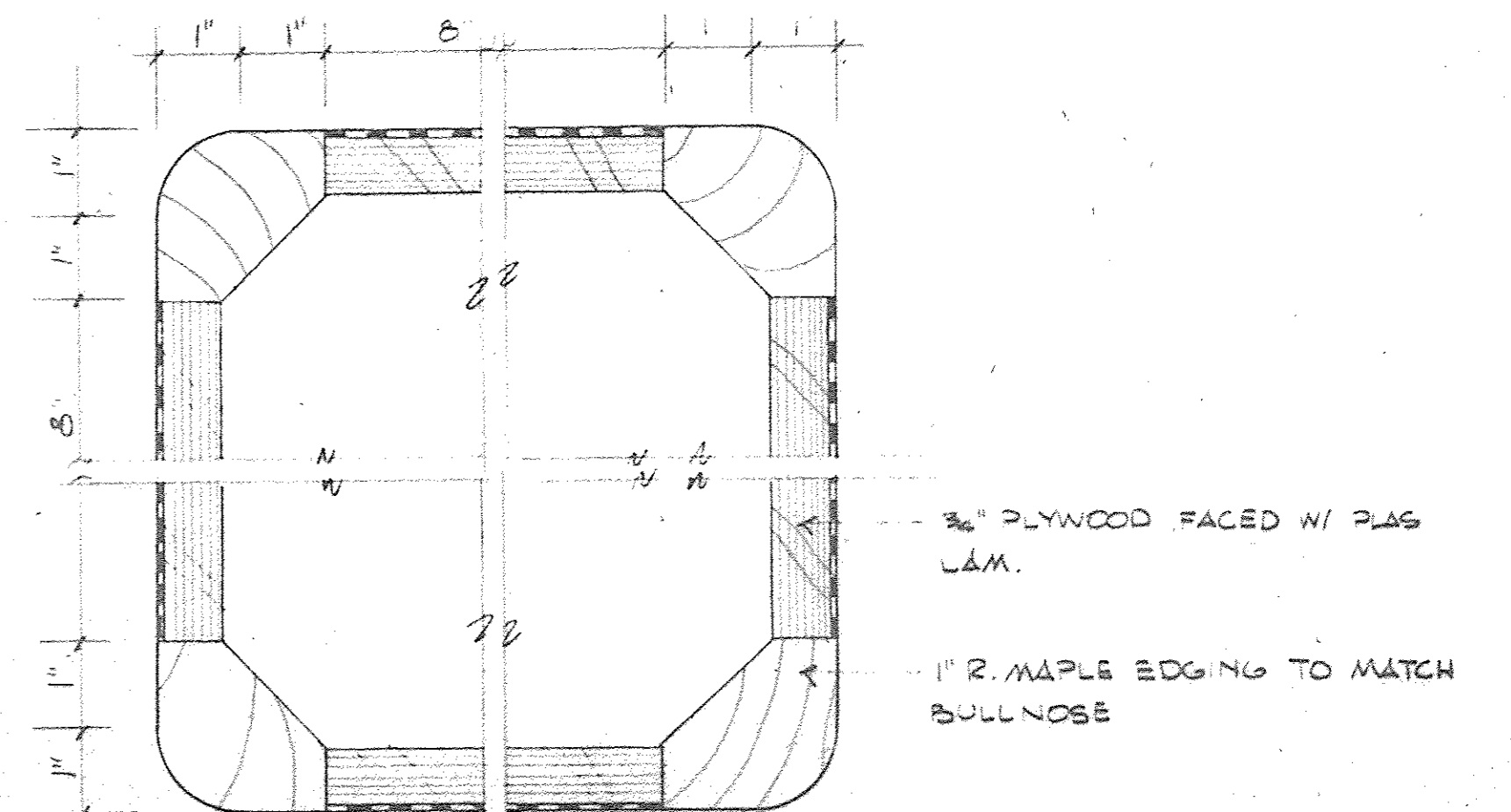
5 SECTION THRU KEYBOARD DRAWER
 SCALE: 6" = 1'-0"



6 SECTION THRU END PIECE
 SCALE: 6" = 1'-0"



7 SECTION THRU CABINET DOORS
 SCALE: 6" = 1'-0"



8 SECTION THRU HIGH COUNTER SUPPORT
 SCALE: 6" = 1'-0"

MILLWORK NOTES

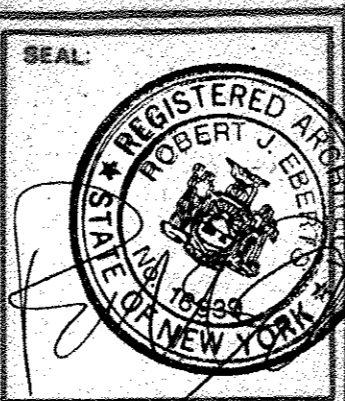
- 1) ALL MAPLE TRIM, NOSING'S, FRAMES, ETC. SHALL BE SANCED SMOOTH & STAINED W/ 2 COATS OLYMPIC SEMI-TRANSPARENT STAIN #913 EBONY AND THEN 1 COAT OF CLEAR SATIN FINISH POLYURETHANE.
- 2) ALL SEMI-CONCEALED CABINETS SURFACES NOT INDICATED TO RECEIVE PLASTIC LAM. SHALL BE PAINTED W/ 2 COATS GLENNEN FLAT BLACK PAINT.
- 3) BLACK PLASTIC LAM. TO BE WILSONART #1595-6
- 4) ALL OTHER PLASTIC LAM. TO BE WILSONART # D426 DOVE GRAY
- 5) PROVIDE CABINET LOCKS ON EVERY CABINET DOOR (EXCEPT KEYBOARD DOORS) CABINET LOCKS TO BE HAFELE LEVER TYPE RIMLOCKS, BLACK FINISH INDIVIDUALLY KEYED TO MASTER & GRAND MASTER SYSTEM OR APPROVED EQUAL
- 6) DOOR PULLS TO BE HAFELE RECESSED BLACK #129.57.603 WHERE INDICATED OR APPROVED EQUAL (EXCEPT KEYBOARD DOOR PULLS). KEYBOARD DOOR PULLS TO BE HAFELE #151.04.319 W/ MAGNETIC CATCH.
- 7) KEYBOARD DRAWER SLIDE TO BE #8100 TRU-TRAK BY KNAPE & VOGT OR APPROVED EQUAL
- 8) ADJUSTABLE SHELF BRACKETS TO BE KNAPE & VOGT #25. SURFACE MOUNTED PLASTER STRIP, EXCEPT AS NOTED
- 9) ALL BASE CABINET DOORS SHALL HAVE HEAVY DUTY TOP & BOTTOM PIVOT HINGES, BLACK FINISH, W/ MAGNETIC CATCH.
- 10) ALL WALL MOUNTED CABINETS SHALL HAVE SELF-CLOSING CONCEALED HINGES, HEAVY DUTY BOSS TYPE.

the HOLT GROUP

The Barns Office Center Suite 207
 Stoneleigh Avenue • Carmel • New York • 10512

914 • 279 • 8282

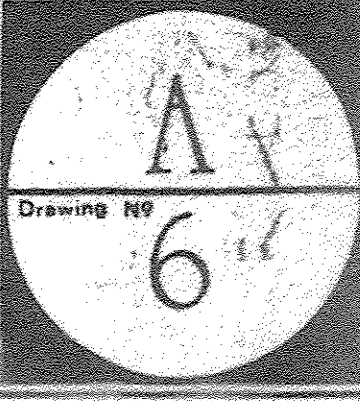
ARCHITECTS

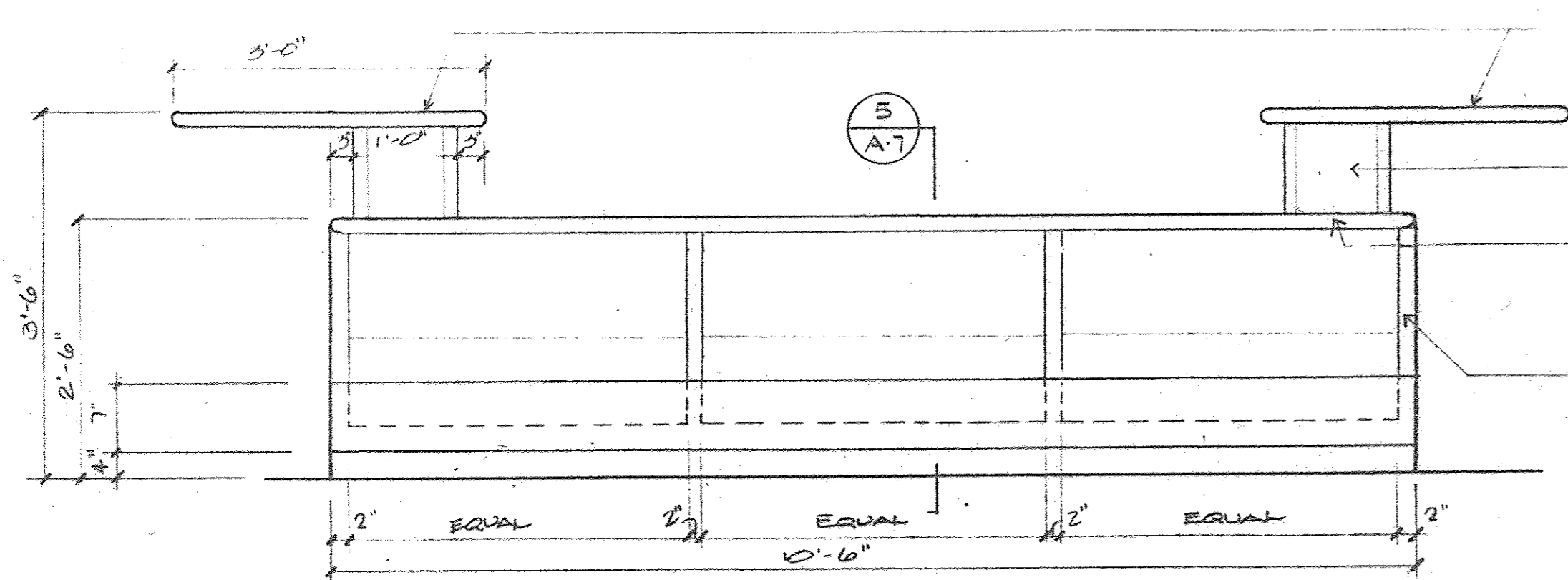


CONSULTANTS:			
NO.	BY	REVISION	DATE

REVISIONS:			
NO.	BY	REVISION	DATE
2		SECTION 3	15 AUG '90
1		OUT TO BID	1 AUG '90

PROJECT: IBM • PALISADES, N.Y.			
OPERATIONS CENTER 4th FLOOR ALTERATION			
TITLE: Millwork Details			
SCALE: AS NOTED	DATE: 1 JUNE 90	PROJECT NO: 901Z	DRAWN BY: CCW





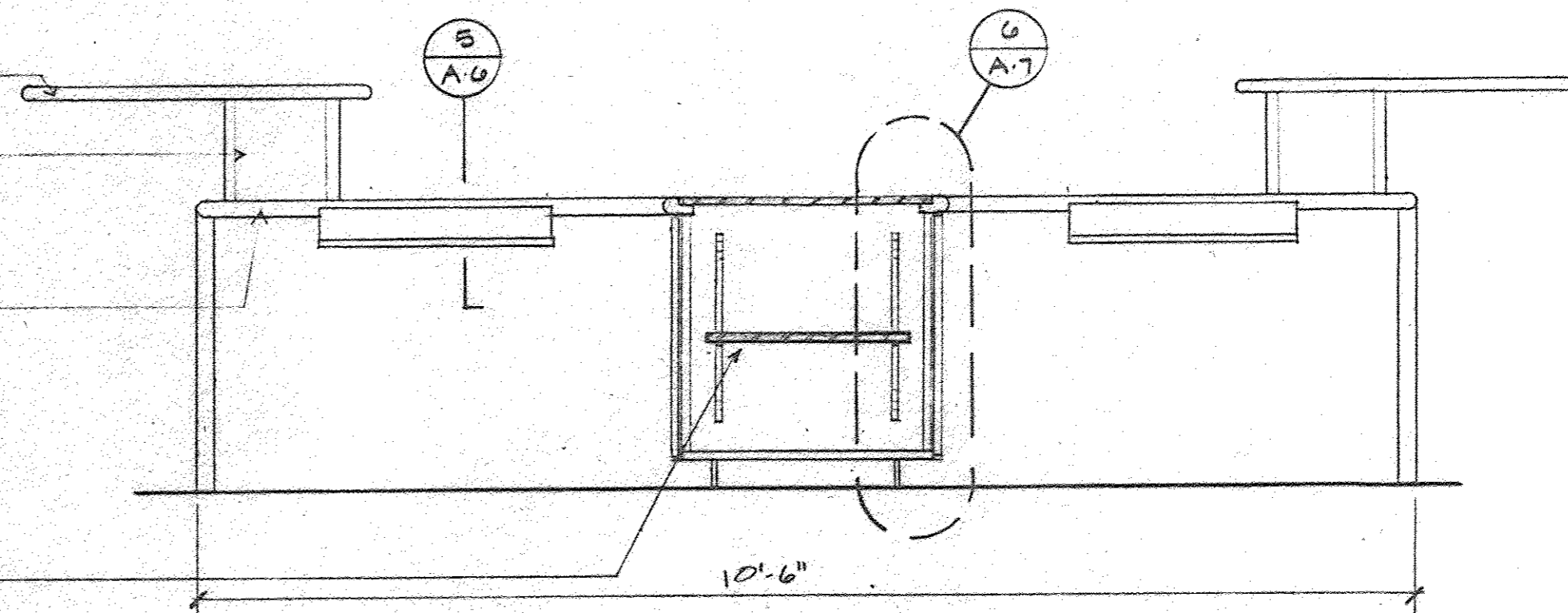
2" THICK COUNTERTOP FACED W/ PLAS. LAM. B/SIDES & EDGED W/ MAPLE BULLNOSE.

SEE DET. & DWG. A-6

3/4" PLYWOOD COUNTERTOP FACED W/ PLAS. LAM. W/ MAPLE BULLNOSE EDGE.

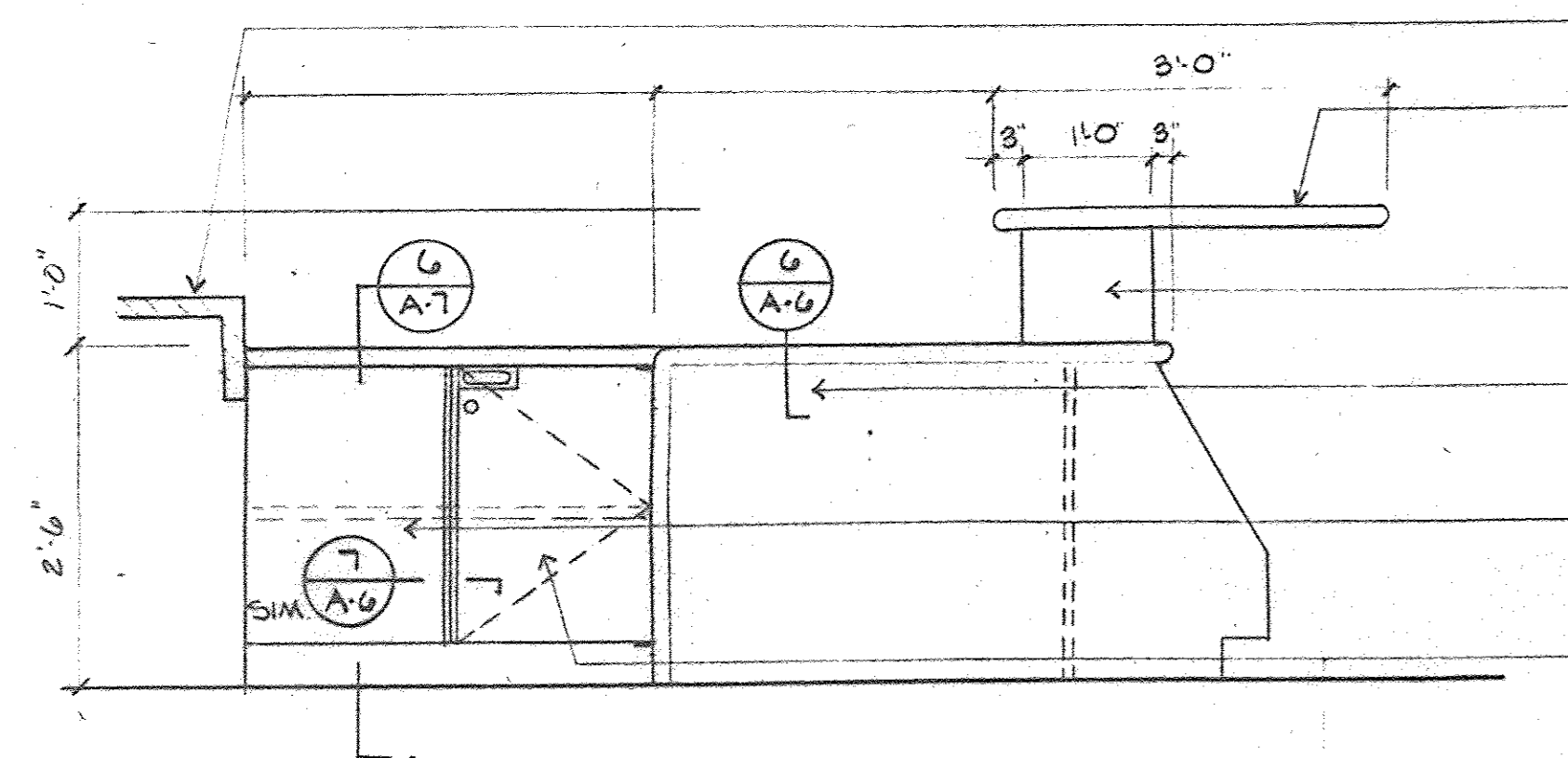
2" WIDE DIVIDERS FACED W/ PLAS. LAM.

ADJUSTABLE SHELF BRACKET
φ 1/8" WIDE ADJ. SHELF FACED W/ PLAS. LAM.



1 FRONT ELEVATION
SCALE: 3/4" = 1'-0"

4 REAR ELEVATION
SCALE: 3/4" = 1'-0"



EXISTING COUNTER TO REMAIN.

2" THICK COUNTERTOP FACED W/ PLAS. LAM. B/SIDES & EDGED W/ MAPLE BULLNOSE.

SEE DET. & DWG. A-6

END PANEL FACED W/ PLAS. LAM. B/SIDES.

FALSE CABINET DOOR FACED W/ PLAS. LAM.

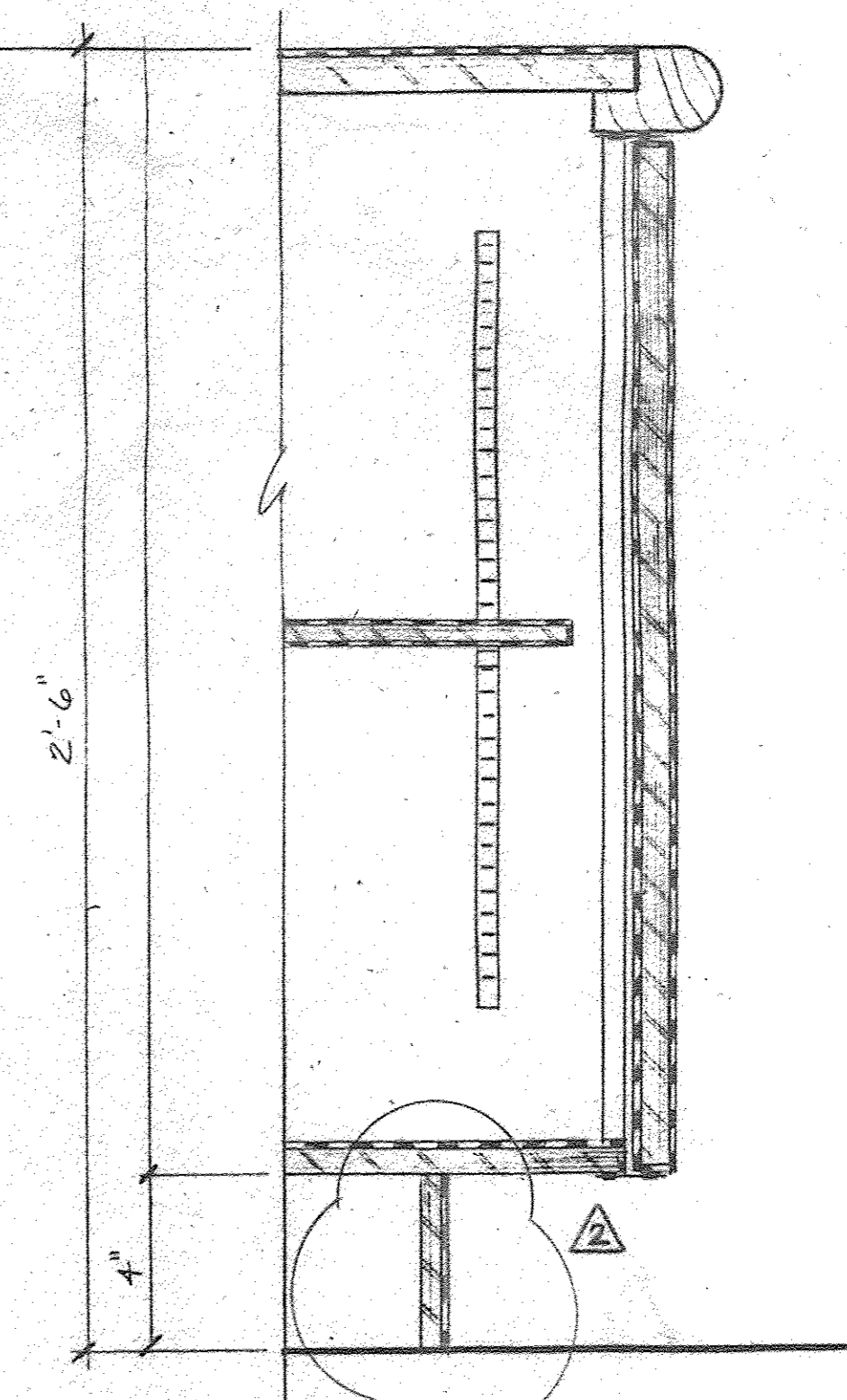
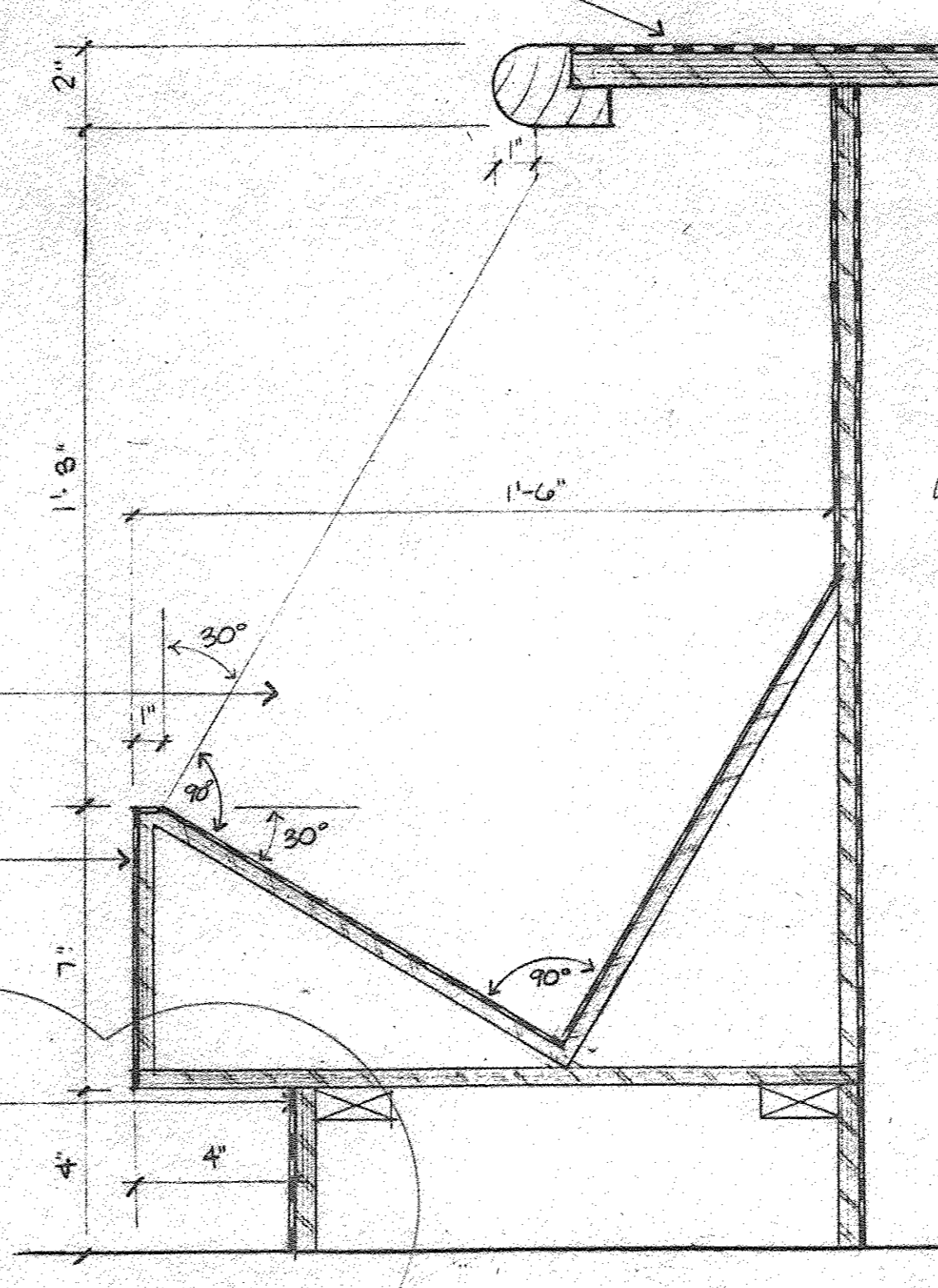
CABINET DOOR OF 3/4" PLYWD FACED B/SIDES W/ PLAS. LAM. W/ HAFELE PULL # 129.57.608, TOP & BOT. PIVOT HINGES & LOCK.

2" WIDE DIVIDERS FACED W/ PLAS. LAM.

ANGLED BINDER STORAGE UNIT TO BE FACED ALL AROUND W/ PLAS. LAMINATE.

4" KICKSPACE BLACK PLASTIC LAM.

2 SIDE ELEVATION
SCALE: 3/4" = 1'-0"



3 SIDE ELEVATION
SCALE: 3/4" = 1'-0"

5 SECTION
SCALE: 5/8" = 1'-0"

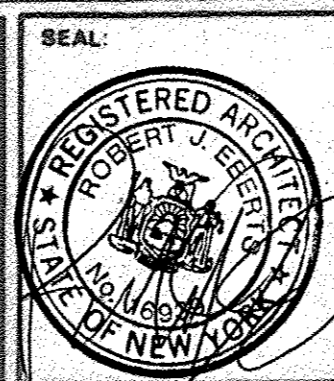
6 SECTION
SCALE: 3/8" = 1'-0"

the HOLT GROUP

The Barns Office Center Suite 207
Stoneleigh Avenue • Carmel • New York • 10512

914 • 279 • 8282

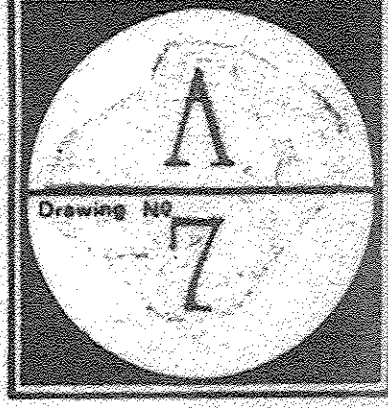
ARCHITECTS

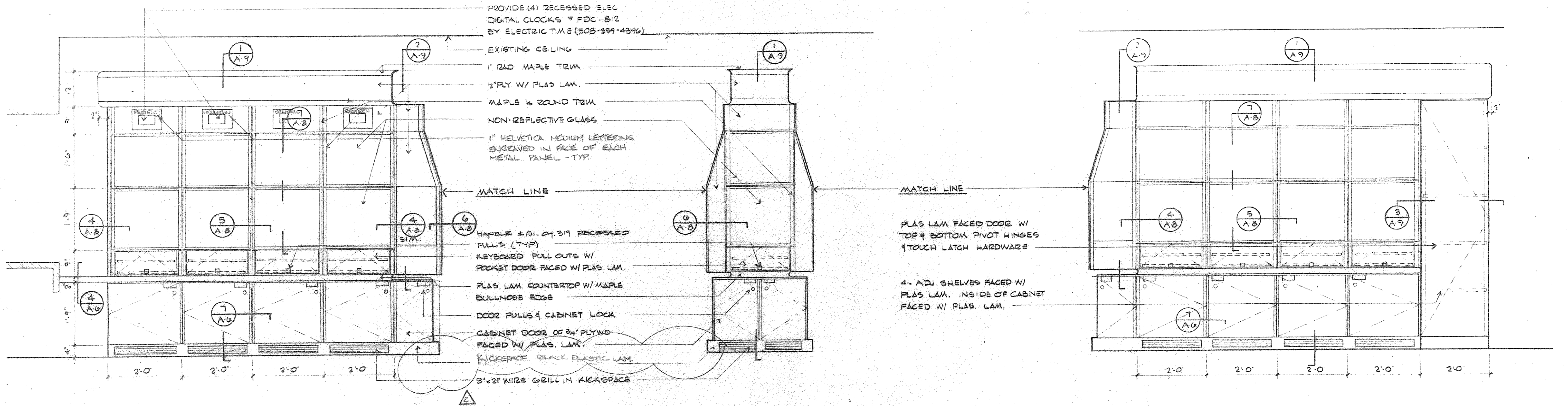


CONSULTANTS:			
NO	BY	REVISION	DATE

REVISIONS:			
NO	BY	REVISION	DATE
2		GENERAL	10 AUG '90
1		OUT TO BID	1 AUG '90

PROJECT:	IBM • PALISADES, N.Y. OPERATIONS CENTER 4th FLOOR ALTERATION		
TITLE:	Millwork Details		
SCALE:	DATE:	PROJECT NO.	DRAWN BY:
AS NOTED	1 JUNE 90	9012	DLJ

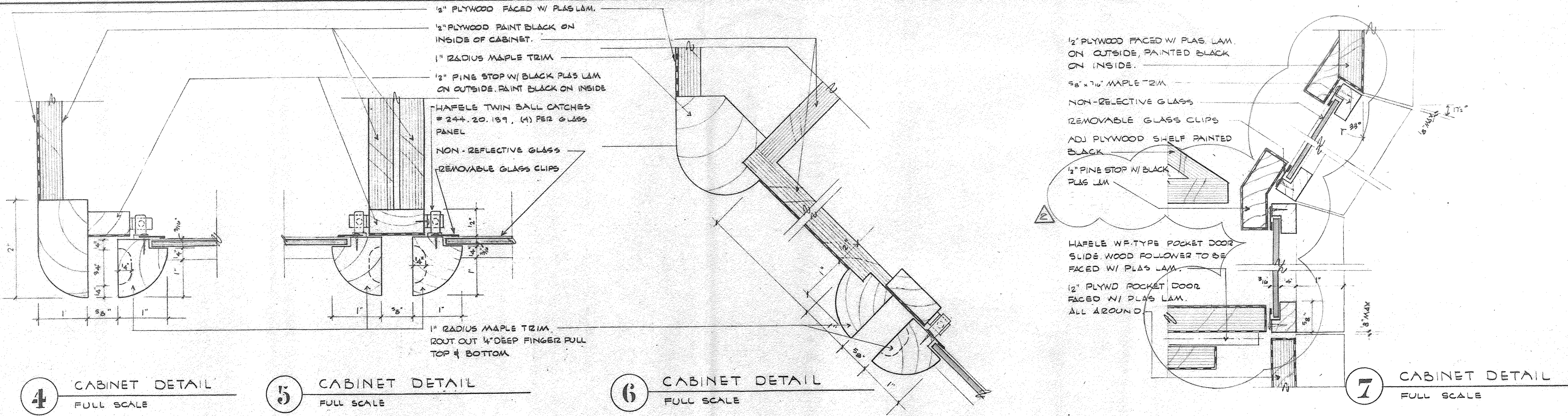




1 LEFT ELEVATION of MONITOR CABINET
SCALE : 3/4" = 1'-0"

2 CENTER ELEV OF MONITOR CABINET
SCALE : 3/4" = 1'-0"

3 RIGHT ELEVATION OF MONITOR CABINET
SCALE : 3/4" = 1'-0"



4 CABINET DETAIL
FULL SCALE

5 CABINET DETAIL
FULL SCALE

6 CABINET DETAIL
FULL SCALE

7 CABINET DETAIL
FULL SCALE

the HOLT GROUP
The Barns Office Center Suite • 207
Stoneleigh Avenue • Carmel • New York • 10512

914 • 279 • 8282

ARCHITECTS

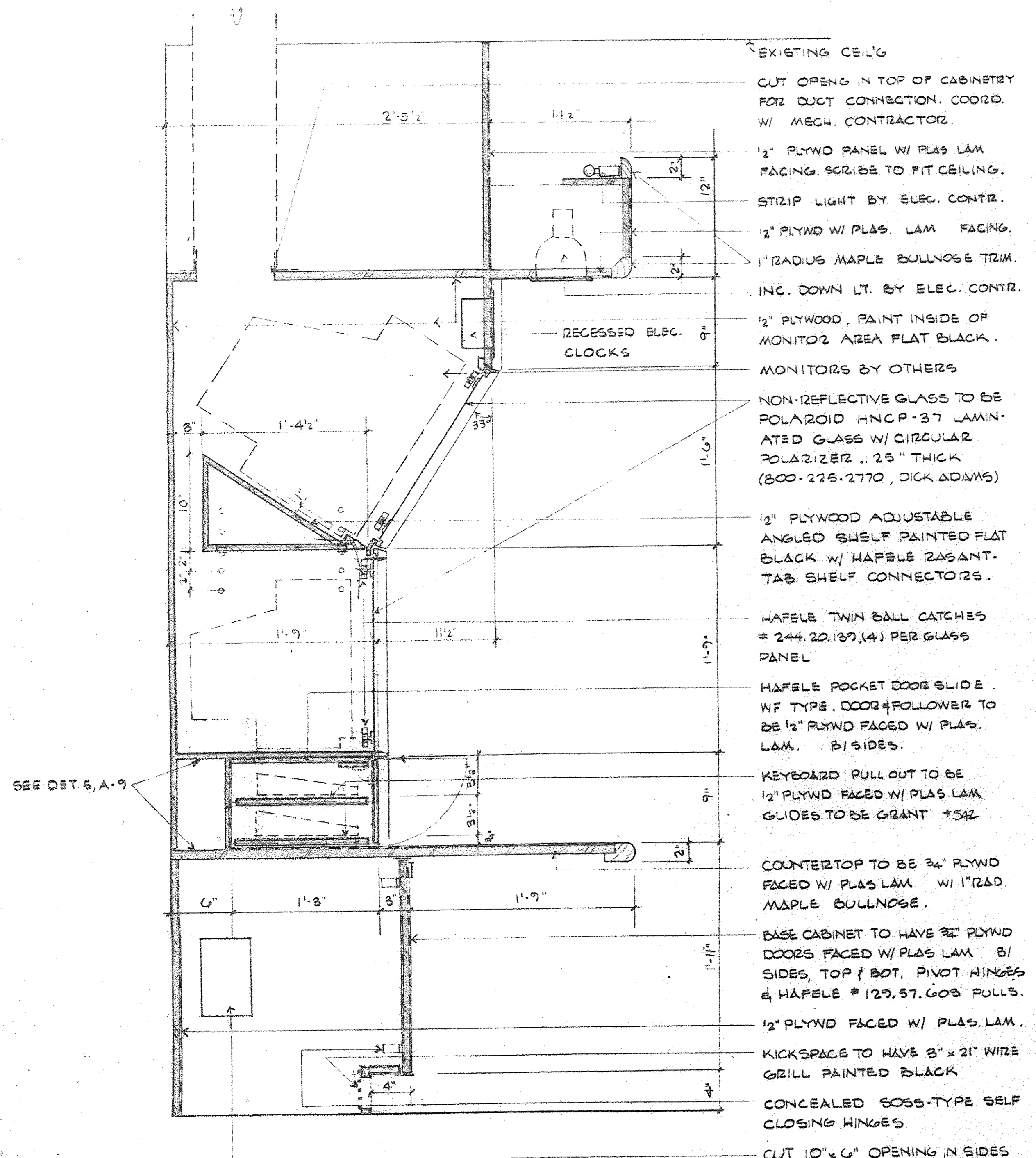
CONSULTANTS:

NO	BY	REVISION	DATE
2		GENERAL	15 AUG 1990
1		OUT TO BID	1 AUG 1990

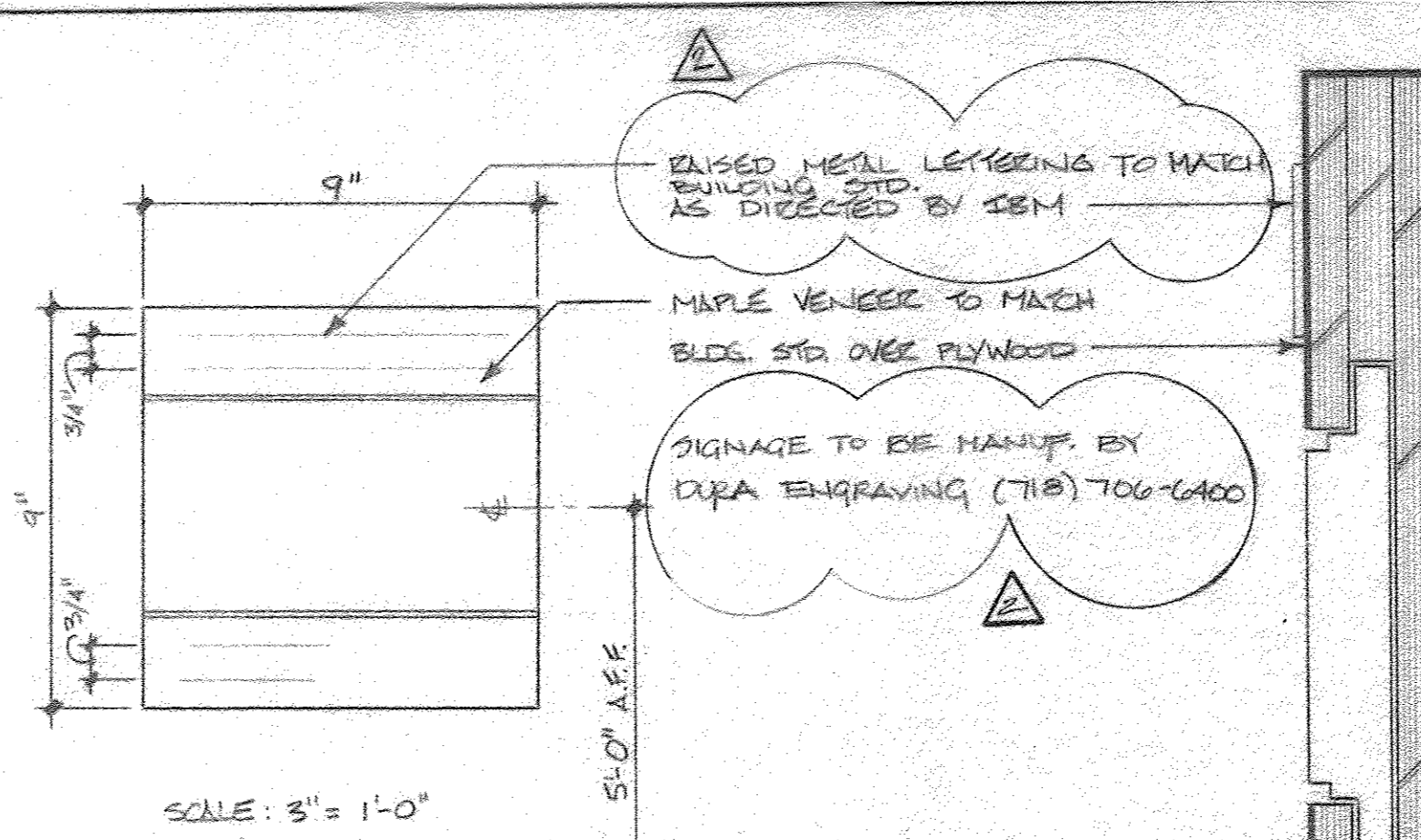
PROJECT: **IBM • PALISADES, N.Y.**
OPERATIONS CENTER
4th FLOOR ALTERATION

TITLE: **Millwork Details**

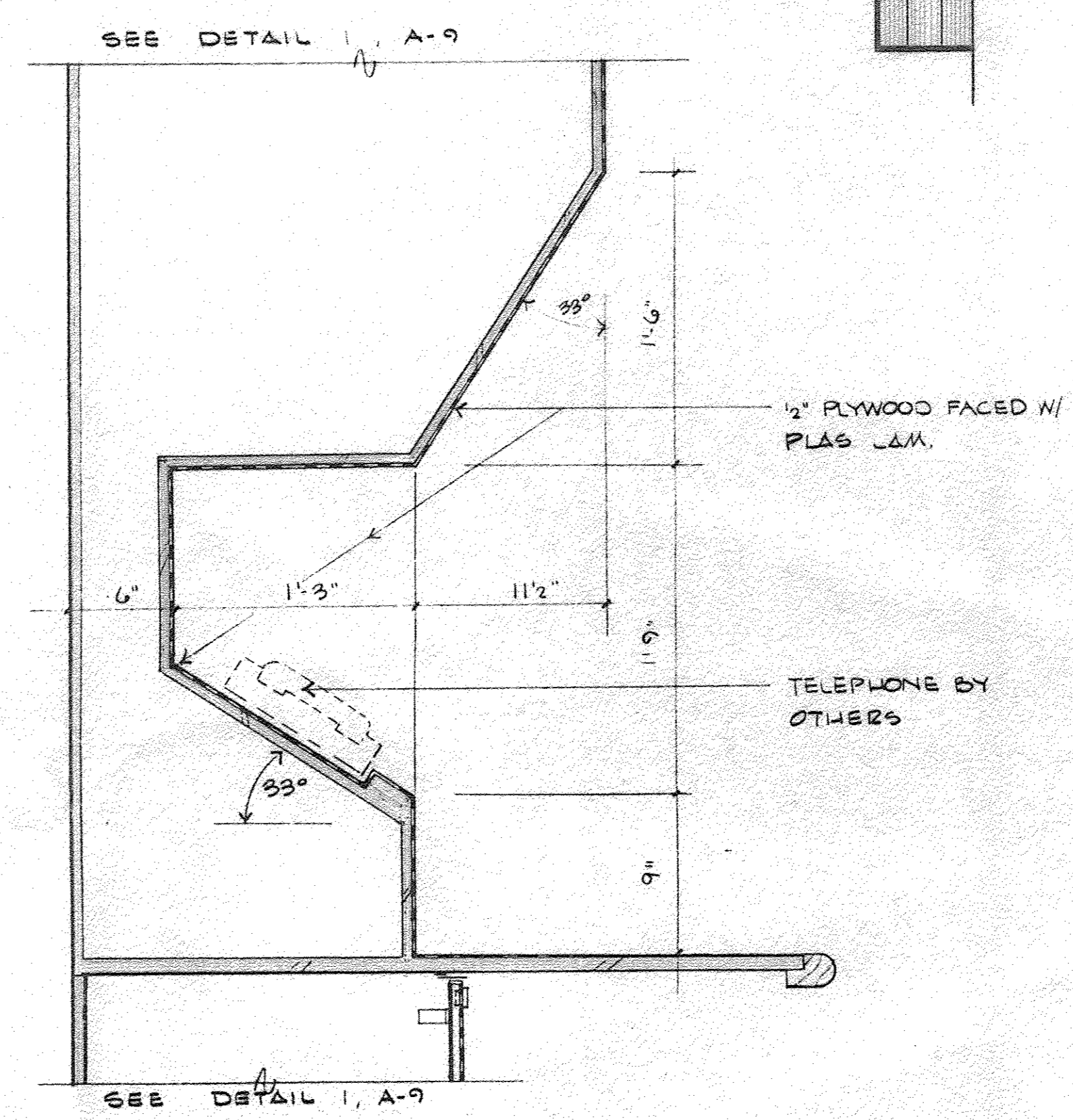
SCALE: AS NOTED DATE: 1 JUNE 90 PROJECT NO: 9012 DRAWN BY: CLJ/EEB/TS



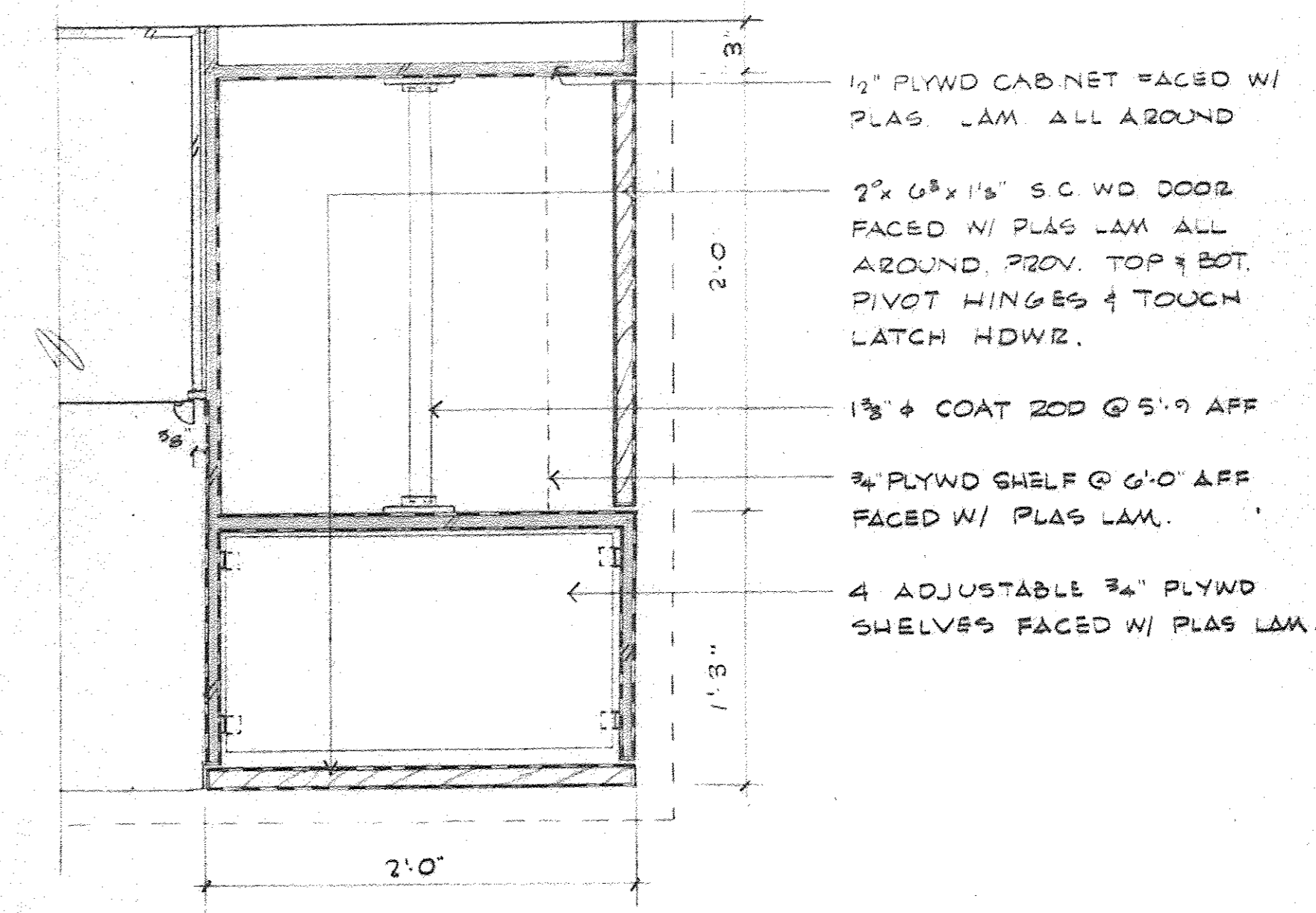
1 SECTION thru MONITOR CABINET
SCALE: 1/2" = 1'-0"



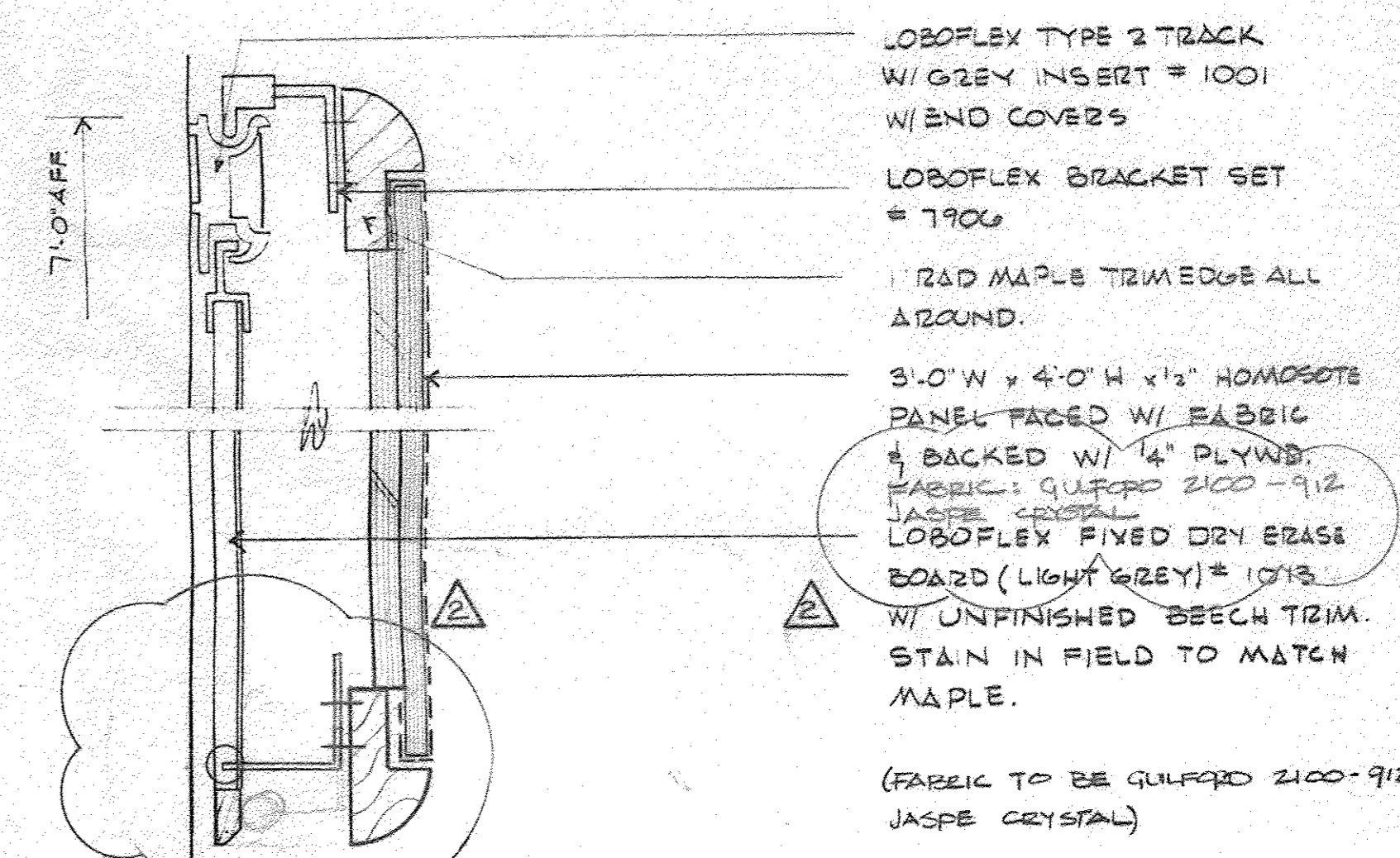
6 SIGN ELEVATION & SECTION
SCALE: 3" = 1'-0"



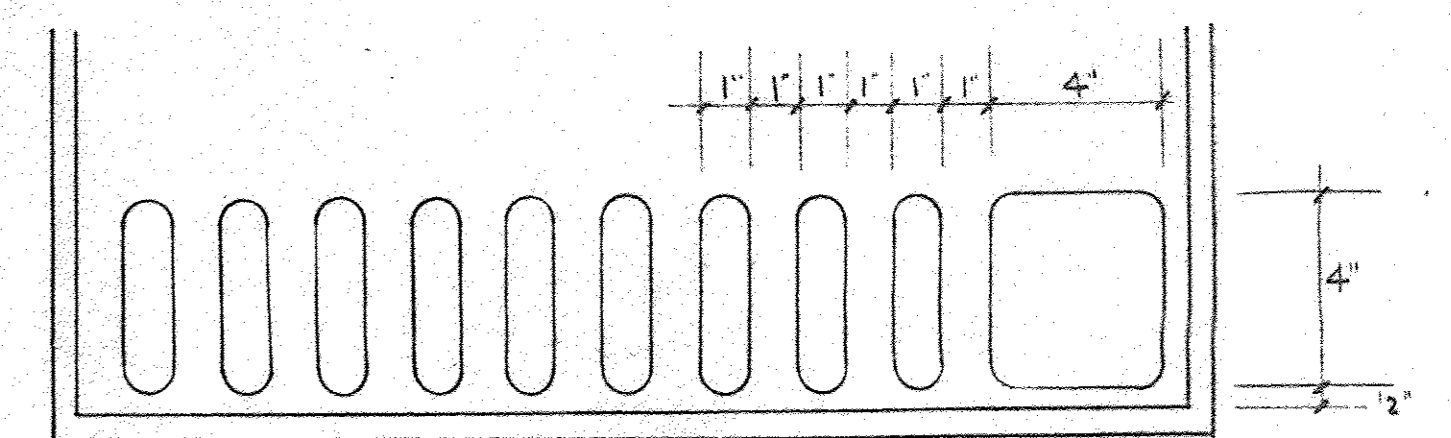
2 SECTION thru TELEPHONE CABINET
SCALE: 1/2" = 1'-0"



3 COAT CLOSET & SHELF CLOSET DET
SCALE: 1/2" = 1'-0"



4 WHITE BOARD & TACKBOARD DET.
NO SCALE



5 TYPICAL CUTOUT DETAIL FOR AIR & CABLE ACCESS

SYMBOLS

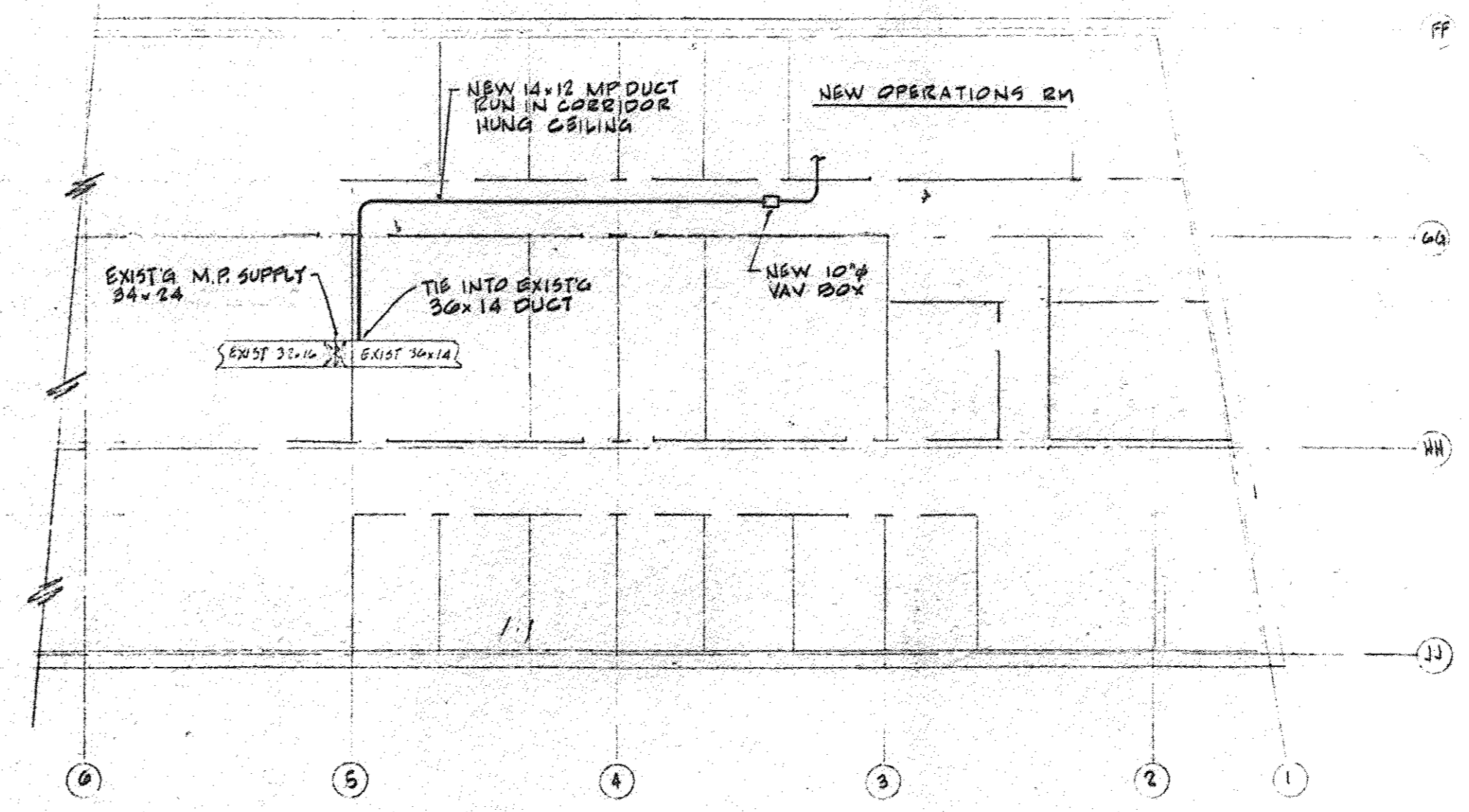
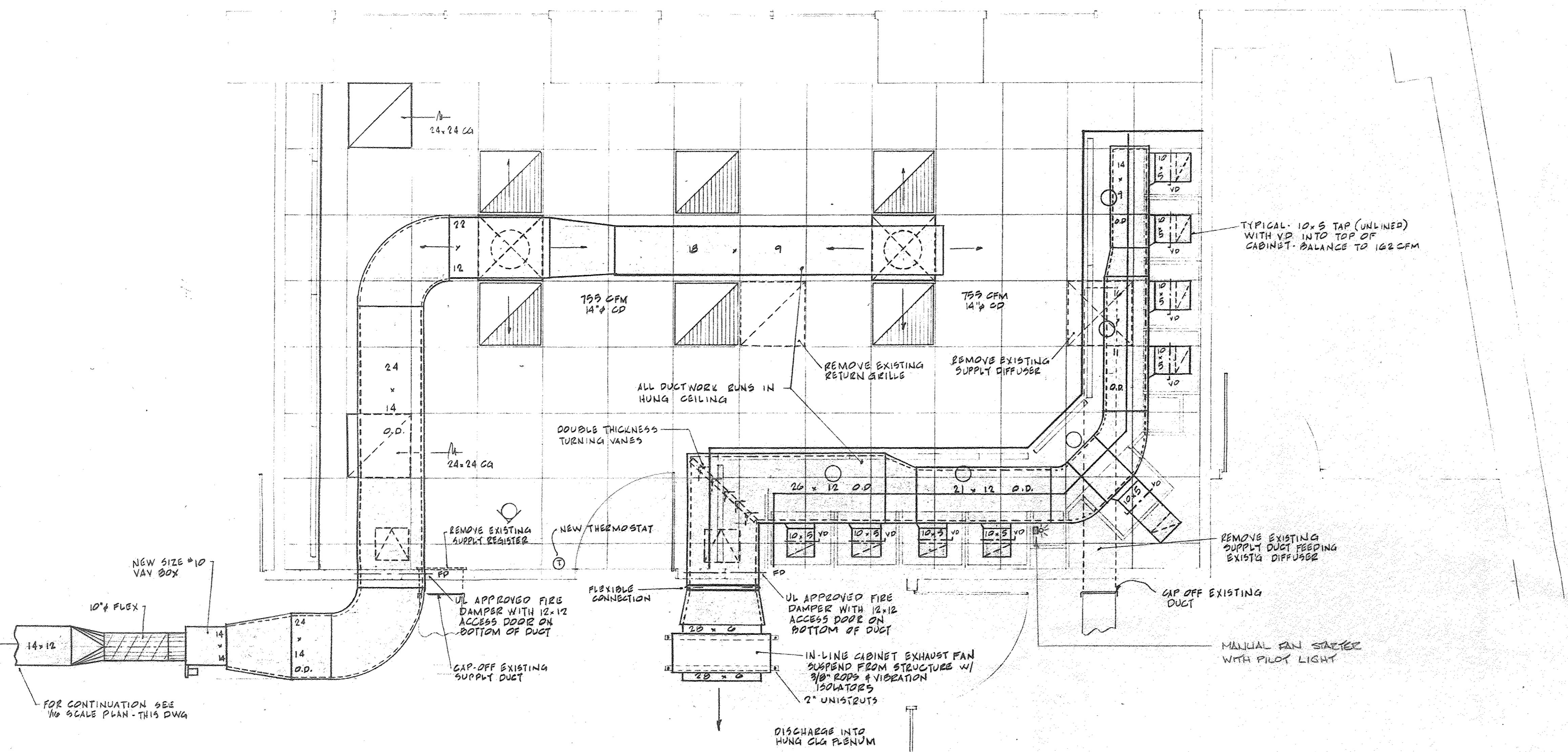
- CD CEILING DIFFUSER - ROUND NECK - 24,24 PERFORATED FACE FOR LAT-IN TILE. AIR DEVICES MODEL PD WITH VOLUME DAMPER
- VAV VARIABLE AIR VOLUME
- CFM CUBIC FEET AIR PER MINUTE
- FD FUSIBLE LINK FIRE DAMPER
- MP MEDIUM PRESSURE DUCTWORK
- ⊖ THERMOSTAT - PNEUMATIC - JOHNSON CONTROLS, HIGH BLDG STD.
- SUPPLY AIR
- ← RETURN AIR
- 24,24 EXISTING DUCTWORK WITH APPROXIMATE SIZE INDICATED.
- 10,8 NEW DUCTWORK WITH SIZE INDICATED
- 10,11 O.D. NEW DUCTWORK. SUBMIT AN ADD ALTERNATIVE PRICE FOR 1" INTERNAL LINING
- O.D. OUTSIDE DIMENSION
- V.D. VOLUME DAMPER
- CA CEILING GRILLE - 24,24 PERFORATED FACE FOR LAT-IN TILE

NEW VAV BOX FOR NEW OPERATIONS ROOM SHALL BE AIR DEVICES CORP (BARBER COLEMAN) SINGLE DUCT VAR AIR VOL MODEL SDVP SIZE #10 PNEUMATIC WITH JOHNSON CONTROLS DAMPER MOTOR 1310 CFM MAX 290 CFM MIN. 5" P.

NEW EXHAUST FAN TO BE GREENHECK IN-LINE CABINET TYPE MODEL CSP-70 1460 CFM @ 3/8" SP, 1/2 HP, 1100 RPM, 6.6 AMPS, B.O. 3085, 115V-1ϕ.

REUSE EXISTG DIFFUSERS & GRILLS WHERE POSSIBLE. NEW SHALL MCH. EXISTG.

NOTE: SUBMIT AN ADD ALTERNATIVE PRICE TO THE BASE BID FOR ADDING 1" INTERNAL LINING IN DUCTWORK INDICATED.

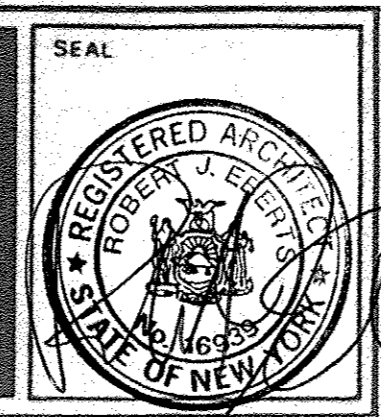


PARTIAL FLOOR PLAN @ 1/16" = 1'-0"

the HOLT GROUP
 The Barns Office Center Suite • 207
 Stoneleigh Avenue • Carmel • New York • 10512

914 • 279 • 8282

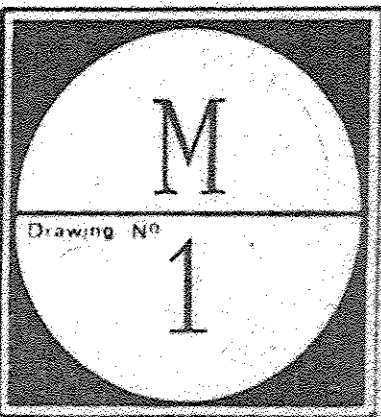
ARCHITECTS

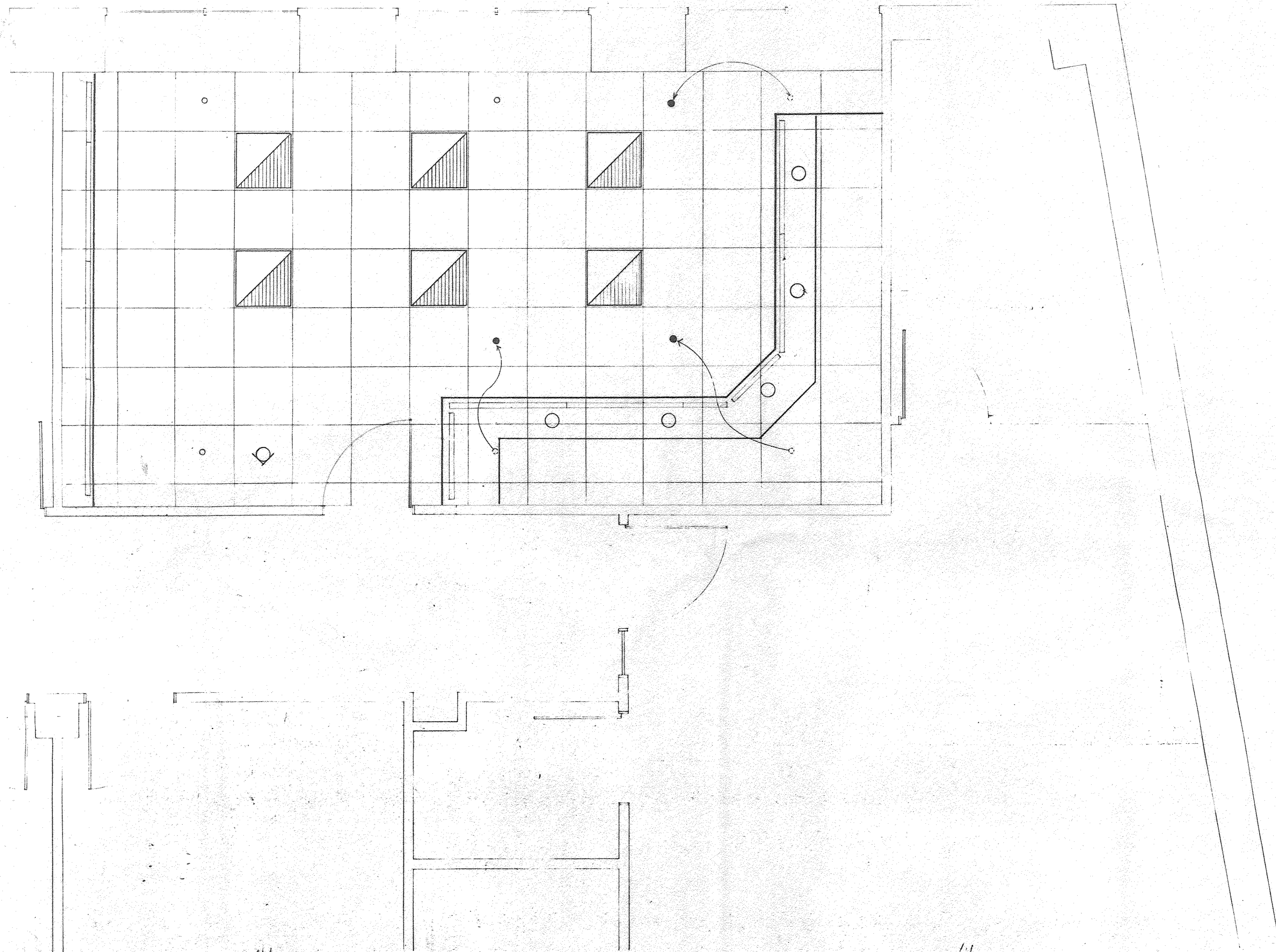


CONSULTANTS			
No	BY	REVISION	DATE

REVISIONS			
No	BY	REVISION	DATE
1		OUT TO BID	1 AUG. '90

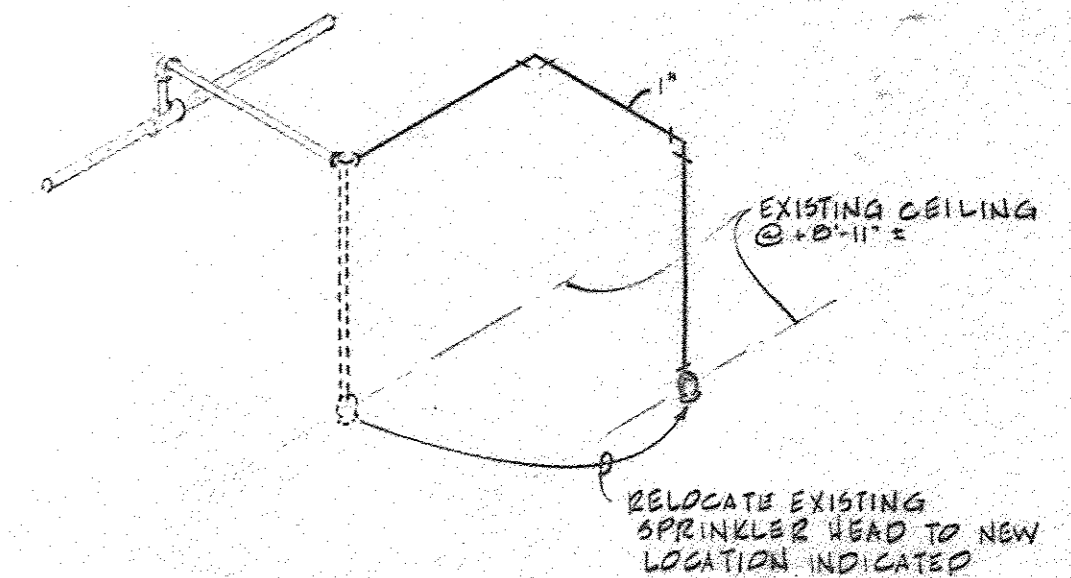
PROJECT: IBM • DALIASES, N.Y.			
OPERATIONS CENTER			
4th FLOOR ALTERATION			
TITLE: Mechanical			
SCALE: AS SHOWN	DATE: 1 JUNE 90	PROJECT NO: 7012	DRAWN BY:





SYMBOLS

○ EXISTING SPRINKLER HEAD TO REMAIN



NOTE:

ALL SPRINKLER WORK SHALL BE PERFORMED ON OVERTIME SO AS NOT TO DISTURB NORMAL BLDG. FUNCTION. SHUTDOWN + DRAINAGE FOR WORK REQ'D SHALL BE FULLY COORDINATED W/ FIRE DEPT INSURANCE UNDERWRITERS + BUILDING MANAGEMENT

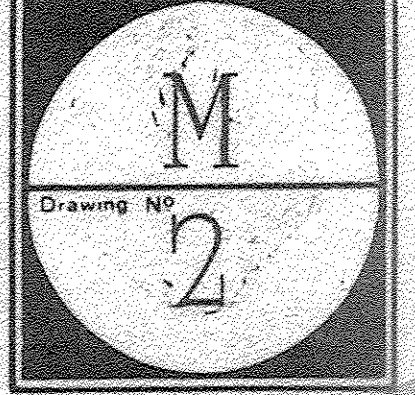
the HOLT GROUP
 The Barns Office Center Suite • 207
 Stoneleigh Avenue • Carmel • New York • 10512
 ARCHITECTS



CONSULTANTS			
NO	BY	REVISION	DATE

REVISIONS			
NO	BY	REVISION	DATE
1		OUT TO BID	1 AUG. '90

PROJECT	IBM • PALISADES, N.Y.		
	OPERATIONS CENTER		
	4th FLOOR ALTERATION		
TITLE	Sprinkler Plan		
SCALE	1/2" = 1'-0"	DATE	1 JUNE 90
		PROJECT NO	2109
		DRAWN BY	



ELECTRICAL GENERAL NOTES

1. HOMERUN NUMBERS AT SWITCHES, RECEPTACLES AND FIXTURES DESIGNATE CIRCUIT NUMBERS. WHERE A PARENTHESIS () IS SHOWN FOR A MULTI-POLE CIRCUIT, NUMBERS IN PARENTHESES DESIGNATE PANEL CIRCUIT NUMBERS ASSOCIATED WITH A SINGLE CIRCUIT BREAKER. ACTUAL CIRCUIT NUMBERS AND WIRING LOCATIONS SHALL BE AS PER FIELD CONDITIONS. CONTRACTOR SHALL BALANCE PHASES ON PANELBOARDS. PROVIDE MULTIPLE NEUTRAL HOMERUNS WITH COMMON NEUTRAL TO A MAXIMUM OF 120V. PROVIDE PER NUMBER UNLESS OTHERWISE NOTED.

2. CONDUIT AND WIRING SHALL BE INSTALLED WITH ALL NEUTRAL WIRING IN FINISHED AREAS UNLESS OTHERWISE NOTED. WIRING ON EXISTING CONCRETE BLOCK WALLS MAY BE RUN IN WIREHOLE WITH SURFACE BOXES SUBJECT TO APPROVAL OF ARCHITECT.

3. CONDUIT AND WIRING MAY BE EXPOSED IN UNFINISHED AREAS AND SHALL BE CONCEALED IN FINISHED AREAS UNLESS OTHERWISE NOTED. WIRING ON EXISTING CONCRETE BLOCK WALLS MAY BE RUN IN WIREHOLE WITH SURFACE BOXES SUBJECT TO APPROVAL OF ARCHITECT.

4. WALL MOUNTED EQUIPMENT (SWITCHES, RECEPTACLES, BOXES, ETC.) SHALL BE SURFACE MOUNTED IN UNFINISHED AREAS AND ON EXISTING CONCRETE BLOCK WALLS AND FLUSH MOUNTED IN FINISHED AREAS.

5. CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES TO WORK OF ALL TRADES NECESSITATED BY PROVIDING EQUIPMENT DIFFERING IN ANY RESPECT FROM THAT INDICATED.

ELECTRICAL ALTERATION NOTES

1. VERIFY ALL EXISTING CIRCUITING IN THE FIELD BY RINGING. REWORK EXISTING CIRCUITING AS REQUIRED TO ACCOMMODATE REVISED LOAD ARRANGEMENT. PROVIDE NEW HOMERUNS AS NECESSARY.

2. ELECTRICAL ITEMS SHOWN AS EXISTING ON THE DRAWINGS SHALL REMAIN UNLESS OTHERWISE NOTED.

3. REMOVE ALL ELECTRICAL OUTLETS, SWITCHES, AND FIXTURES COMPLETE WITH ASSOCIATED WIRING, CONDUIT, ETC., FROM CEILINGS, WALLS, AND PARTITIONS THAT ARE TO BE REMOVED. WHERE THIS REMOVAL OR ANY OTHER ALTERATIONS, MAKES DEAD ELECTRICAL CIRCUITS THAT ARE TO REMAIN, INSTALL JUNCTION BOXES OR OTHER DEVICES AS NECESSARY TO KEEP THE CIRCUITS INVOLVED CONTINUOUS AND READY FOR OPERATION. OTHERWISE REMOVE WIRING BACK TO THE PANEL OR TO NEAREST ELECTRICAL ITEM THAT IS TO REMAIN. PLUG OPENINGS IN EXISTING JUNCTION BOXES WHERE WIRING OR CONDUIT IS REMOVED, DO NOT LEAVE LOOSE WIRING ABOUT.

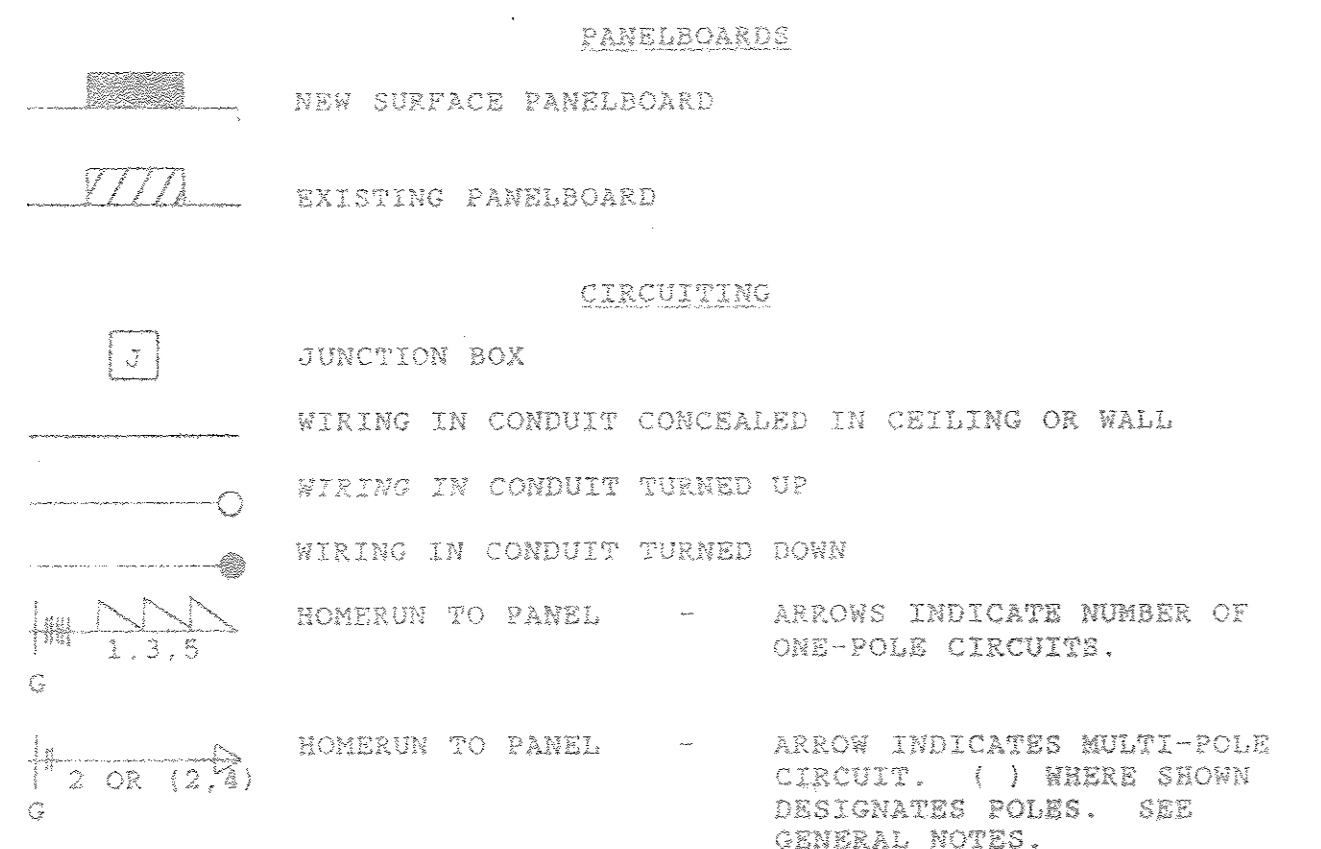
4. EXISTING ELECTRICAL ITEMS THAT ARE BEING DISCONNECTED AND REMOVED, AND NOT BEING REUSED, SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED.

5. WHERE NEW WALLS ARE BEING INSTALLED IN FRONT OF EXISTING DEVICES NOT TO BE REUSED, REMOVE DEVICE, AND PULL WIRING BACK TO NEAREST ACCESSIBLE JUNCTION BOX, OR IF WIRING IS TO BE SPLICED FOR CONTINUITY OF CIRCUITING TO EXISTING DEVICES TREAT AS A DEVICE WHICH IS TO REMAIN. WHERE A DEVICE IS TO REMAIN, RESET DEVICE FLUSH WITH NEW WALL OR FURRING AND PROVIDE NEW PLATE.

6. REMOVE AND REPLACE EXISTING HUNG CEILINGS AS REQUIRED TO PERMIT INSTALLATION OF NEW WORK. REPLACE ALL DAMAGED CHANNELS AND TILES.

7. EXISTING PANELS AFFECTED BY WORK SHALL HAVE PANEL DIRECTORIES UPDATED. PROVIDE NEW TYPED DIRECTORIES.

SYMBOLS - ELECTRICAL



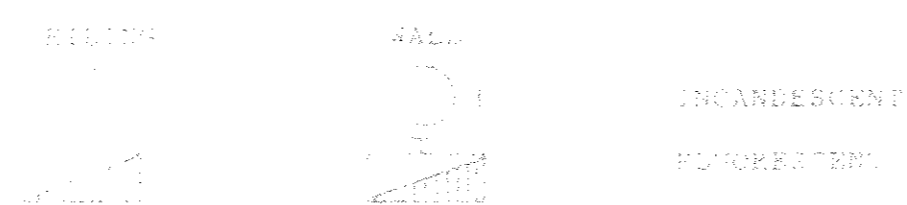
HOMERUN NUMERALS INDICATE PANEL CIRCUIT NUMBERS. WHERE INDICATED, TICKS DENOTE NUMBER OF NO. 12 AWG. HOMERUNS SHALL BE NO. 12 AWG (NO. 10 AWG IF OVER 80 FT. FROM PANEL). WHERE TICKS ARE NOT SHOWN REFER TO PANEL SCHEDULES OR PROVIDE REQUIRED NUMBER OF WIRES. WHERE 3 SINGLE POLE CIRCUITS & WIRE SHARED NEUTRAL HOMERUNS ARE INDICATED ON DRAWINGS - THE PHASE CONDUCTORS SHALL BE #12 WIRE THE NEUTRAL CONDUCTOR SHALL BE #10 WIRE AND THE GROUND SHALL BE #12, UNLESS OTHERWISE NOTED. WHERE 2 SINGLE POLE CIRCUITS 3 WIRE SHARED NEUTRAL HOMERUNS ARE INDICATED ON DRAWINGS - THE PHASE CONDUCTOR SHALL #12, THE NEUTRAL CONDUCTOR SHALL BE #10 AND THE GROUND SHALL BE #12 UNLESS OTHERWISE NOTED. FOR SINGLE POLE TWO WIRE HOMERUNS THE PHASE & NEUTRAL CONDUCTORS SHALL BE #12 AND THE GROUND SHALL BE #12. COMBINED SINGLE POLE 2 WIRE HOMERUNS SHALL COMPLY WITH WIRING PRACTICES MENTIONED ABOVE.

LIGHTING FIXTURES

CAPITAL LETTERS DESIGNATE FIXTURE TYPE. HYPHENATED NUMBER DESIGNATES NO. OF LAMPS. SUBSCRIPT DESIGNATES SWITCH CONTROL IF MULTIPLE SWITCHES.

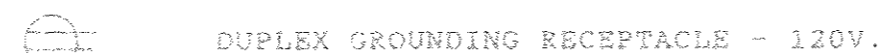
EXAMPLE: A-2 (1) B

FIXTURE TYPE A, TWO LAMPS, SWITCH, B



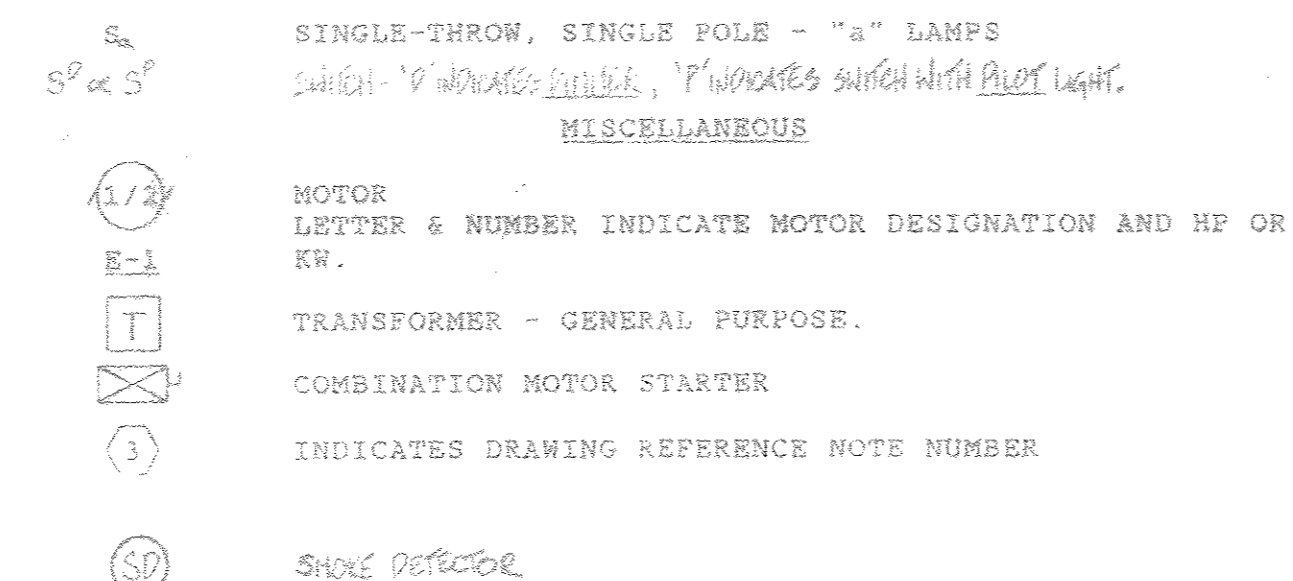
RECEPTACLE OUTLETS

NUMERAL DENOTES CIRCUIT NUMBER. ALL NEMA 5-20R UNLESS OTHERWISE NOTED.

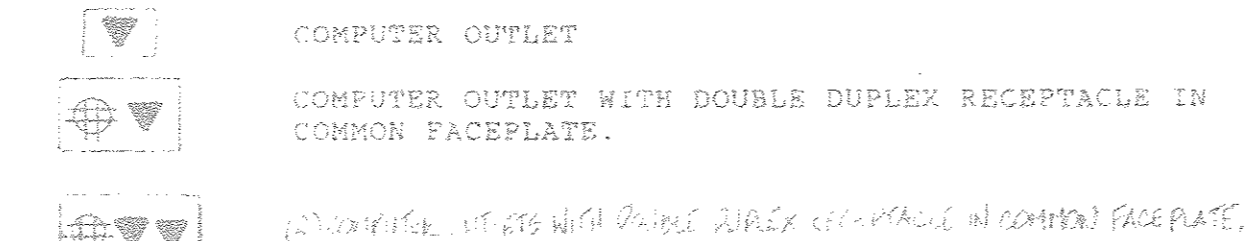


SWITCHES

LETTER SUBSCRIPT DENOTES FIXTURES CONTROLLED.

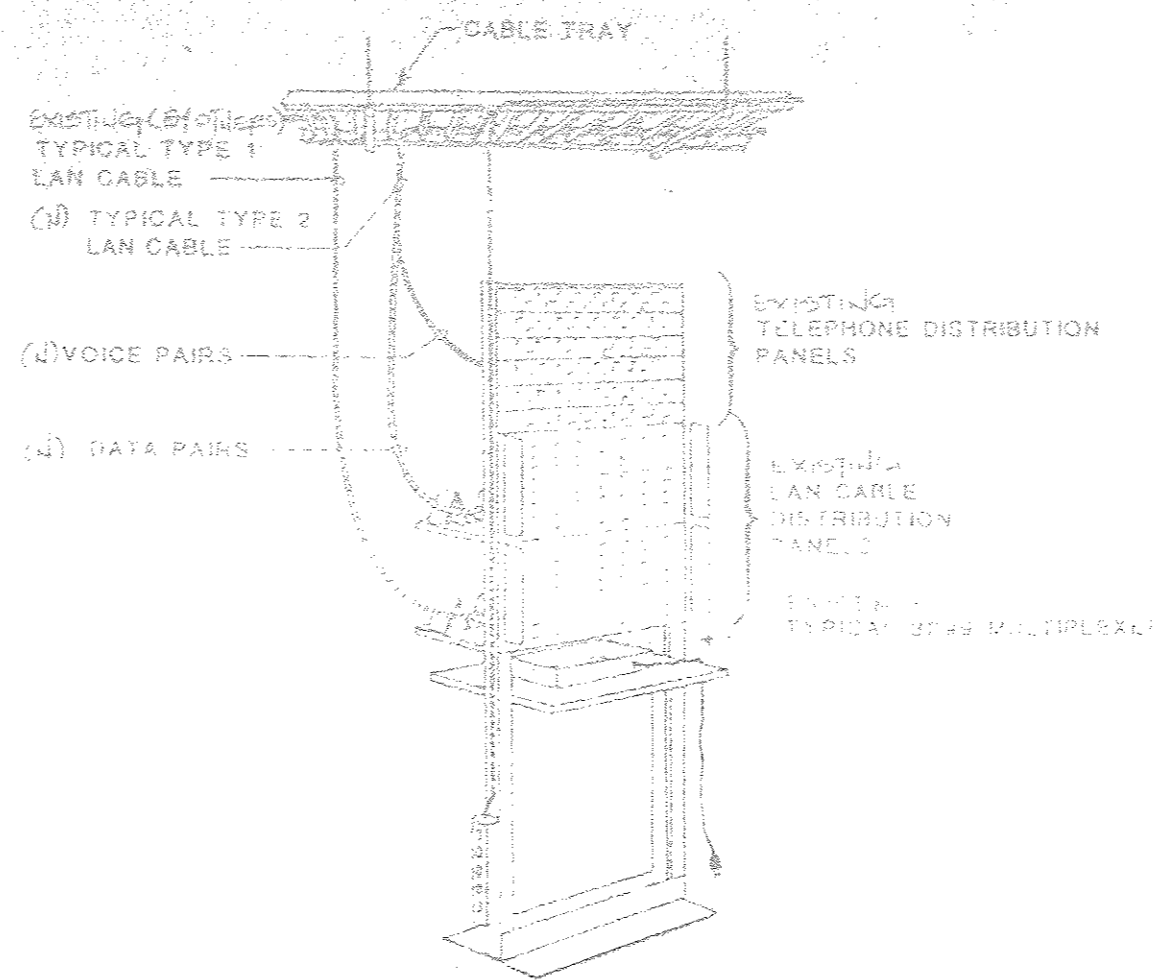


COMPUTER SYSTEM



ABBREVIATIONS

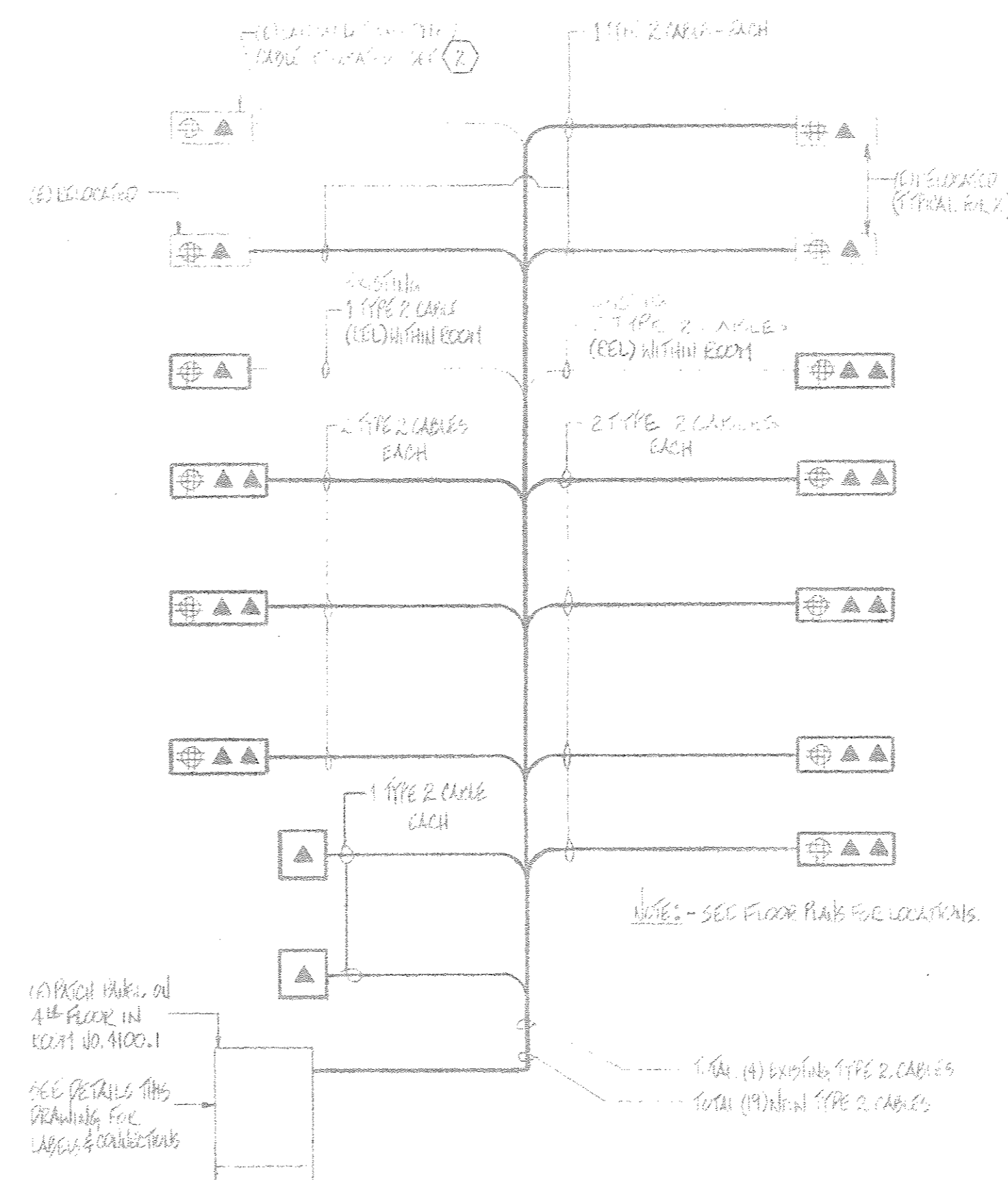
A	AMPERE
AFF	ABOVE FINISHED FLOOR
CB	CIRCUIT BREAKER
COL	COLUMN
CDT. C	CONDUIT
GND	GROUND
MTD	MOUNTED
JB	JUNCTION BOX
PNL	PANELBOARD
1P.3P	1 POLE, 3 POLE
(E)	EXISTING
(N)	NEW
(NC)	NEW CONNECTION
(R)	REMOVE
(REL)	RELOCATED



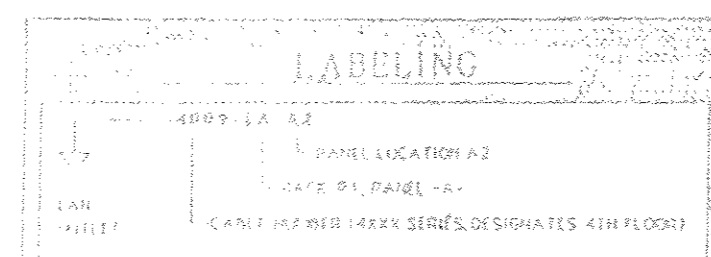
TYPICAL EXISTING PATCH PANEL DETAIL

NOTES

- CONTRACTOR TO FINISH AND INSTALL ALL CABLES AND CONNECTORS BETWEEN Riser CLOSETS AND PATCH PANELS, AND MAKE CONNECTIONS TO PATCH PANELS.
- ALL PATCH PANEL CONNECTIONS SHALL BE PROVIDED BY IBM, INSTALLED BY THIS CONTRACTOR.
- TERMINATION POINTS AND CROSS OVER DESIGNATIONS TO BE AS PREPARED BY IBM.

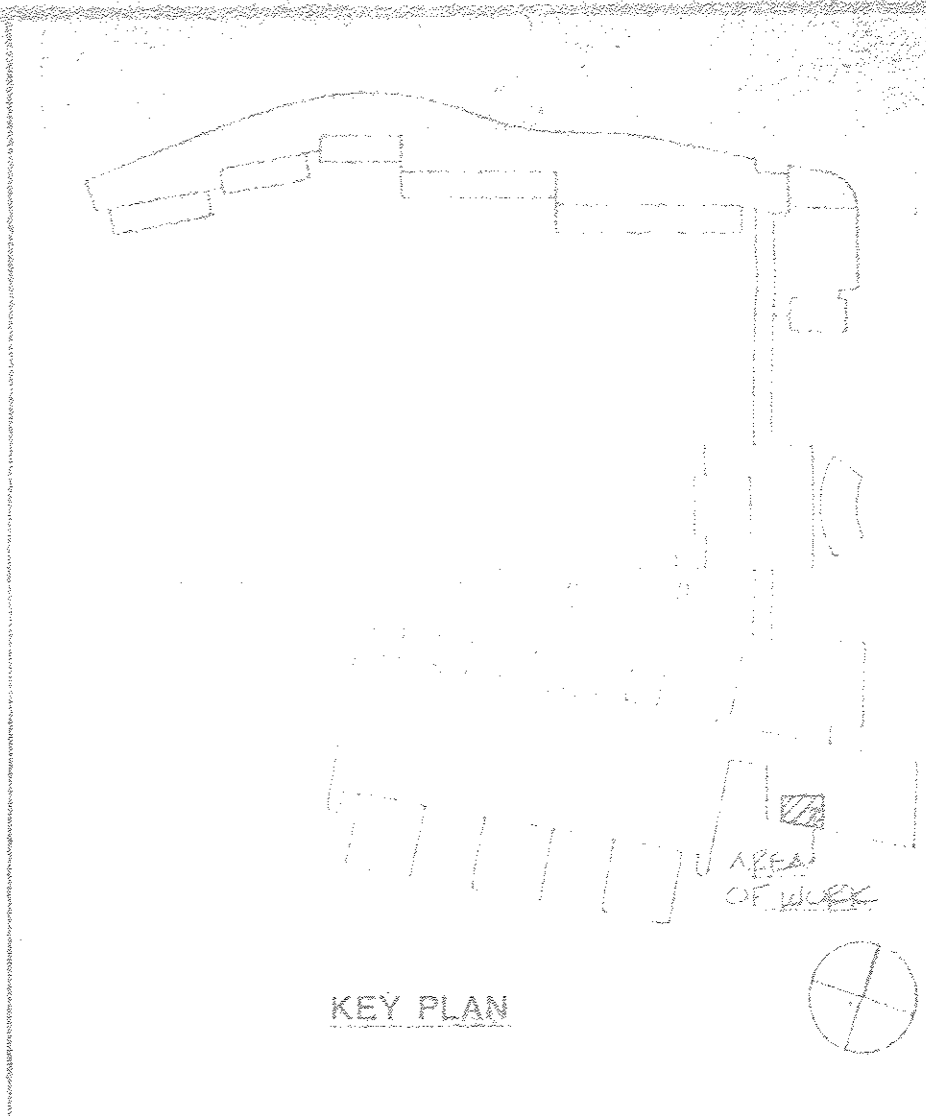


TELEPHONE AND DATA RISER

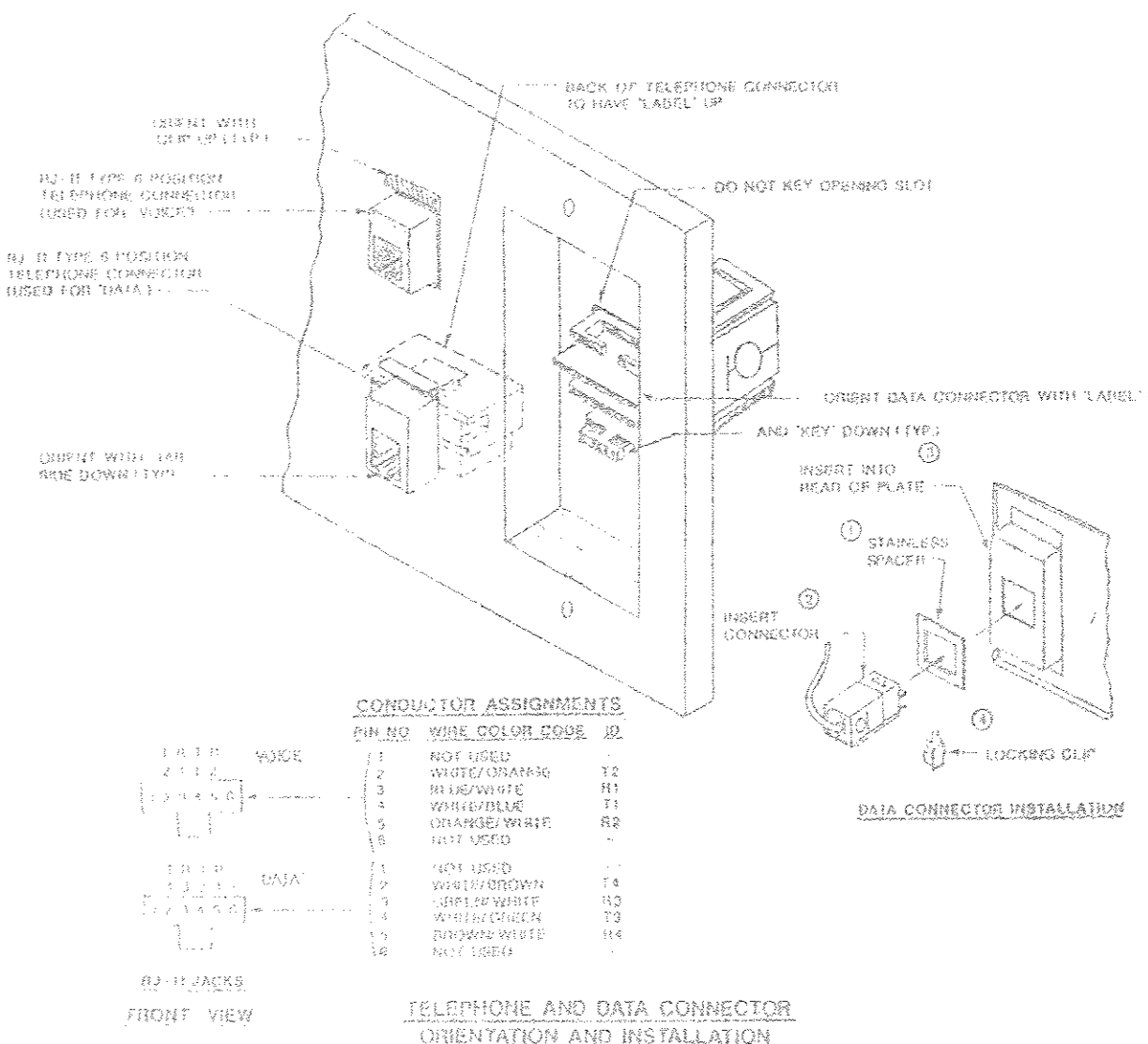


Provide labels for each type 2 cable from each LAN outlet.
 Replicate each type 2 cable with IBM labels with IBM label field connections.
 All cables shall be labeled with IBM labels.

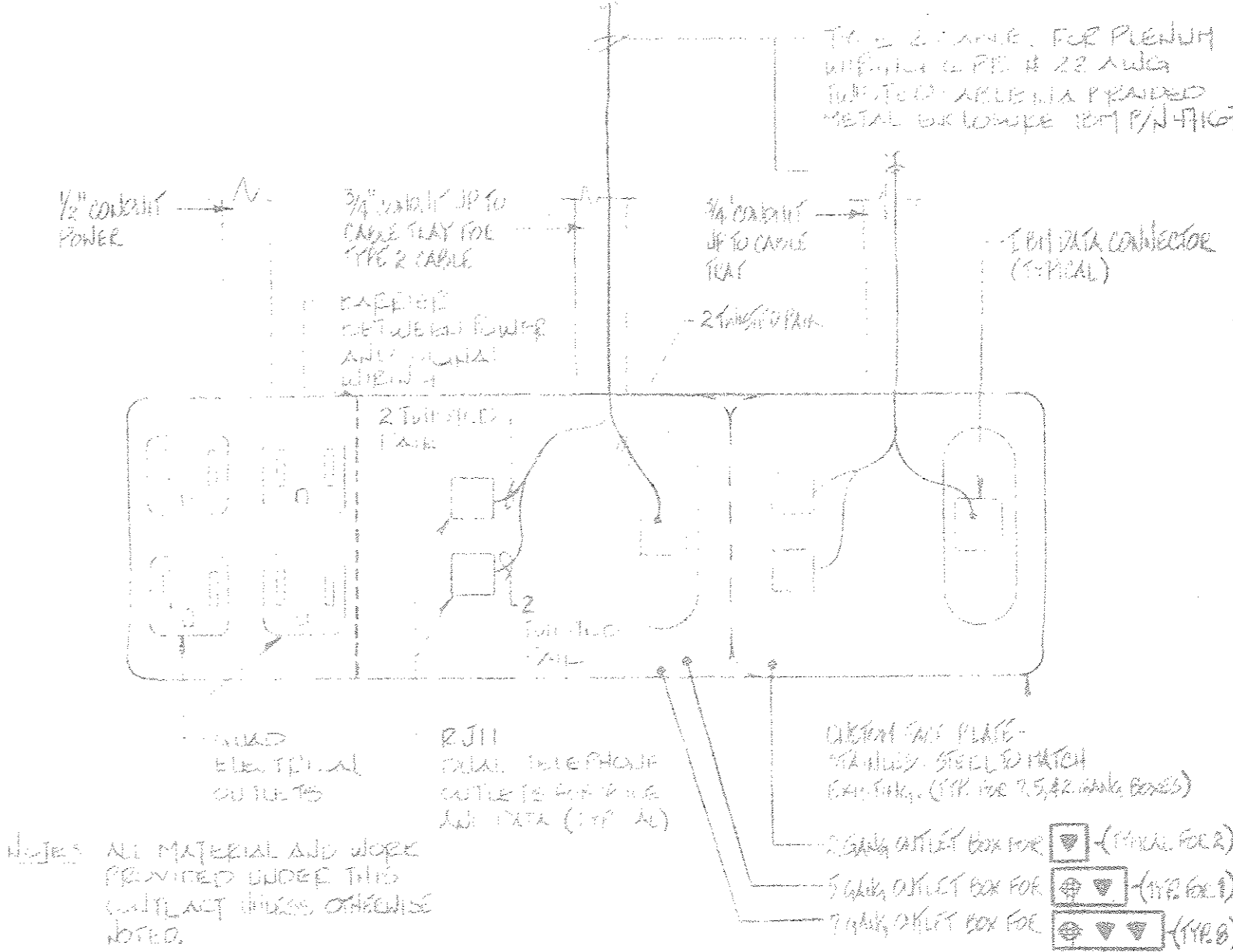
CABLE IDENTIFICATION SYSTEM FOR DROP TO WIRING CLOSET



KEY PLAN



TELEPHONE AND DATA CONNECTOR ORIENTATION AND INSTALLATION

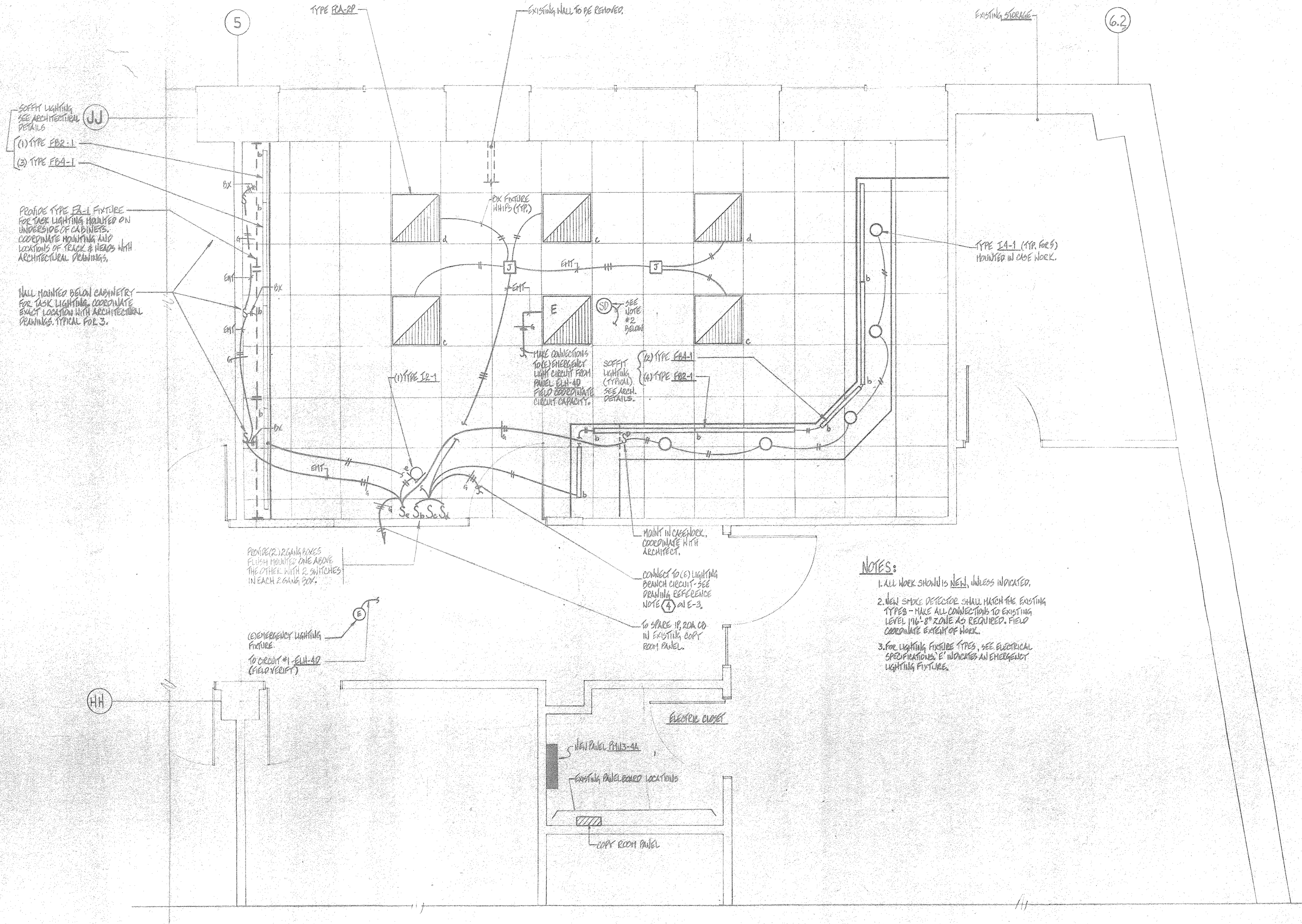


TYPICAL OFFICE OUTLET

the HOLT GROUP ARCHITECTS
 The Barns Office Center Suite 207
 Stoneleigh Avenue • Carmel • New York • 10512
 914 • 279 • 1282

CONSULTANTS			REVISION		
ARTHUR R. BREUER, P.E. CONSULTING ENGINEER					
NO.	BY	REVISION	DATE	NO.	BY

PROJECT	IBM • PALISADES, N.Y.		
	OPERATIONS CENTER		
	4th FLOOR ALTERATION		
TITLE	ELECTRICAL- NOTES, SYMBOLS & DETAILS		
SCALE	NONE	DATE	JUNE 1, 1990
		PROJECT NO.	477
		DRAWN BY	WRP



NOTES:

1. ALL WORK SHOWN IS NEW UNLESS INDICATED.
2. NEW SMOKE DETECTOR SHALL MATCH THE EXISTING TYPES - MAKE ALL CONNECTIONS TO EXISTING LEVEL 116"-8" ZONE AS REQUIRED. FIELD COORDINATE EXTENT OF WORK.
3. FOR LIGHTING FIXTURE TYPES, SEE ELECTRICAL SPECIFICATIONS 'E' INDICATES AN EMERGENCY LIGHTING FIXTURE.

FOURTH FLOOR PART PLAN

the HOLT GROUP
 The Bams Office Center Suite 207
 Stoneleigh Avenue • Carmel • New York • 10512

914 • 279 • 8282

ARCHITECTS

SEAL
 STATE OF NEW YORK
 ARTHUR R. BREUER
 LICENSED PROFESSIONAL ENGINEER

CONSULTANTS

ARTHUR R. BREUER, P.E.
 CONSULTING ENGINEER
 24 N. GREELEY AVENUE CHAPPAQUA, N.Y. 10514-3410

NO.	BY	REVISION	DATE

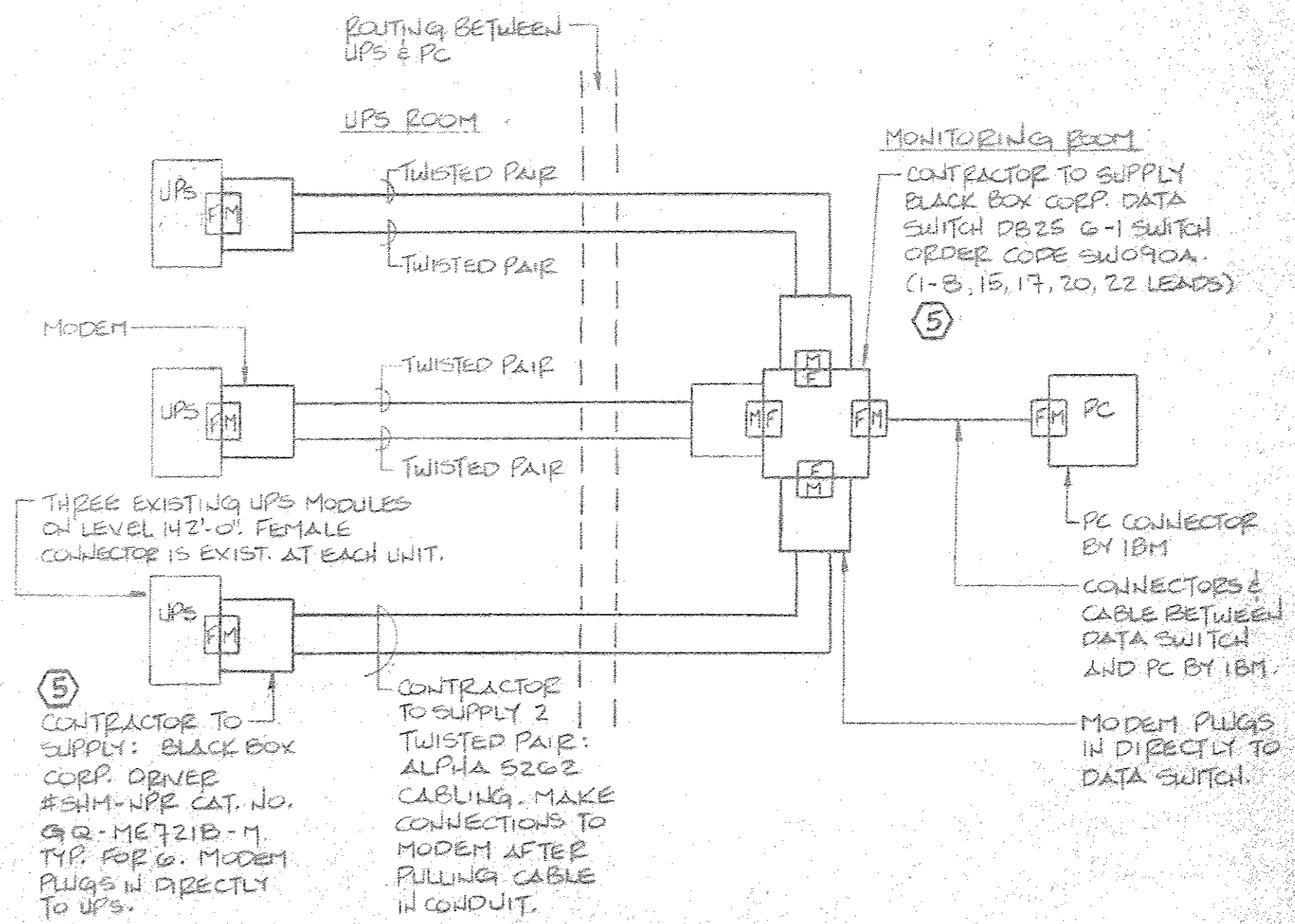
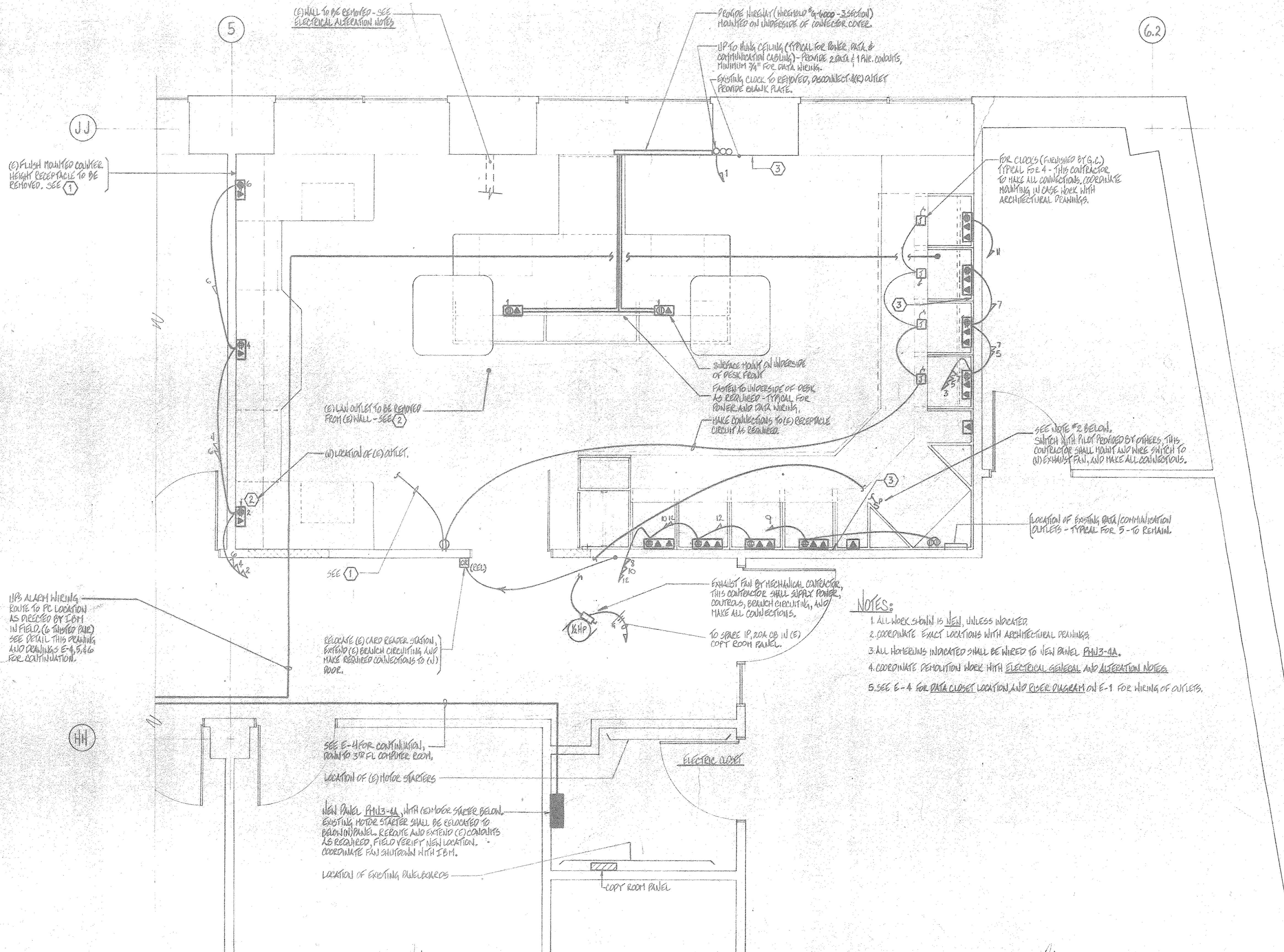
NO.	BY	REVISION	DATE

PROJECT: IBM - PALISADES, N.Y.
 OPERATIONS CENTER
 4th FLOOR ALTERATION - LEVEL 176'-8"

TITLE: ELECTRICAL LIGHTING PLAN

SCALE:	DATE:	PROJECT NO:	DRAWN BY:
1/2" = 1'-0"	JUNE 1, 1990	477	WRP

E
 Drawing No.
 2
 20F6



UPS ALARM WIRING
N.T.S.
NOTES: SEE DRAWINGS FOR ROUTING AND EQUIPMENT LOCATIONS.

PANELBOARD SCHEDULE

SURFACE MOUNTED PANELBOARD: PMU3-4A FED FROM: PMU-3 (3RD FLOOR COMPUTER ROOM)

VOLTS: 120/208 PHASE: 3 WIRES: 4 AMP MAINS: 100 30 POLES

CRT. NO.	PH	WIRES FROM	TRIP LOAD AMPS	PLUS KVA	PLUS WIRE AWG	PLUS NEUT AWG	PLUS GRD AWG	COND SIZE IN.	LOAD/DESCRIPTION
		70	11.2		4	4	8	1-1/4	FEEDER/MCB
1-13	1	EA	20	11.2					LAN OUTLETS
14-30	1	EA	20						SPARES

NOTE: 1. CONDUITS TO BE 1/2" UNLESS NOTED.
2. COORDINATE PANEL NOMENCLATURE WITH IBM.
3. REFER TO DRAWING E-1 FOR CIRCUITING OF HOMERUNS TO PANELBOARD.

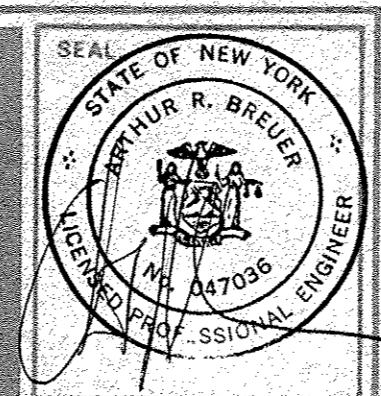
- DRAWING REFERENCE NOTES**
- DISCONNECT AND REMOVE EXISTING COUNTER HEIGHT DUPLEX RECEPTACLE COMPLETE. EXTEND EXISTING BRANCH CIRCUITING VIA THE HUNG CEILING TO NEW GENERAL PURPOSE RECEPTACLE AS INDICATED.
 - DISCONNECT AND REMOVE EXISTING LAN OUTLET FROM WALL TO BE REMOVED. REUSE EXISTING JACKS, DEVICES AND FACEPLATE AT NEW LOCATION SHOWN. EXTEND (E) DATA/COMMUNICATION CABLES AS REQUIRED TO NEW LOCATION AND RECONNECT. RECIRCUIT RECEPTACLES AS INDICATED.
 - EXISTING LOCATION(S) OF FLUSH MOUNTED LAN OUTLET(S). CONTRACTOR MAY REUSE JACKS, DEVICES AND FACEPLATE(S) AT NEW LOCATIONS. EXTEND DATA/COMMUNICATION CABLES AS REQUIRED AND MAKE ALL CONNECTIONS. RECIRCUIT RECEPTACLES AS INDICATED.
 - DISCONNECT AND REMOVE ALL EXISTING LIGHTING AND SWITCHING FROM (E) OFFICES BEING DEMOLISHED. TYPICAL FOR A TOTAL OF (6) 2 X 4 FIXTURES AND (4) SWITCHES. REUSE (E) BRANCH CIRCUITING AS REQUIRED FOR NEW FLUORESCENT LIGHTING.
 - FOR BLACK BOX CORP. DRIVER & DATA SWITCH CALL IBM REP. RE: Solid State Drivers and 725-1566

FOURTH FLOOR PART PLAN

the HOLT GROUP
The Bams Office Center • Suite # 207
Stonelaigh Avenue • Carmel • New York • 10512

914 • 279 • 8232

ARCHITECTS



CONSULTANTS:

ARTHUR R. BREUER, P.E.
CONSULTING ENGINEER
24 N. GREELEY AVENUE CHAPPAQUA, N.Y. 10514-3410

NO.	BY	REVISION	DATE

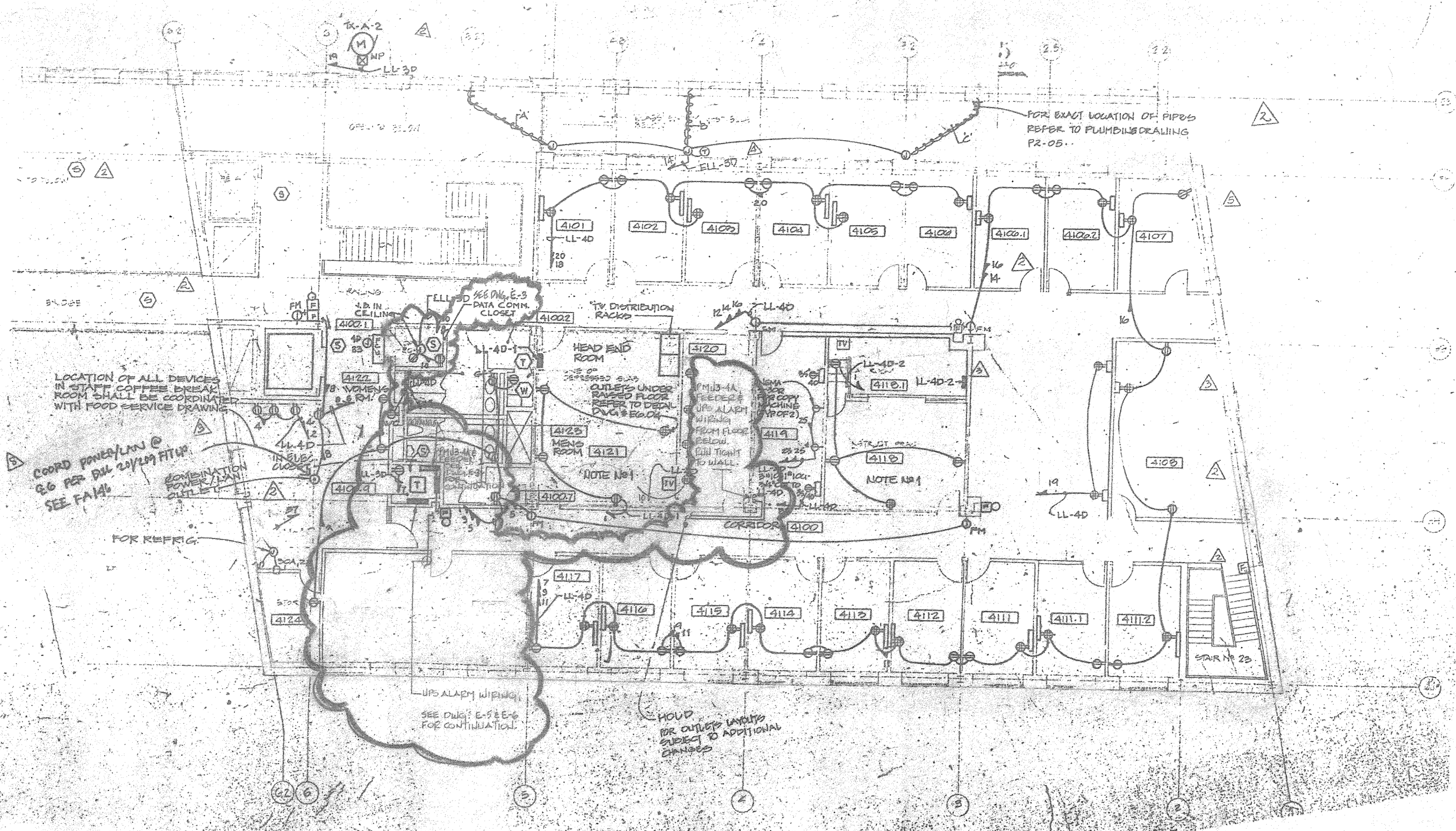
NO.	BY	REVISION	DATE

PROJECT: **TBM • DALI SADES, N.Y.**
OPERATIONS CENTER
4th FLOOR ALTERATION - LEVEL 176'-8"

TITLE: **ELECTRICAL POWER PLAN**

SCALE: 1/2" = 1'-0" DATE: **JUNE 1, 1990** PROJECT NO: **477** DRAWN BY: **WRP**

Drawing No. **3**
30FB



NOTE:

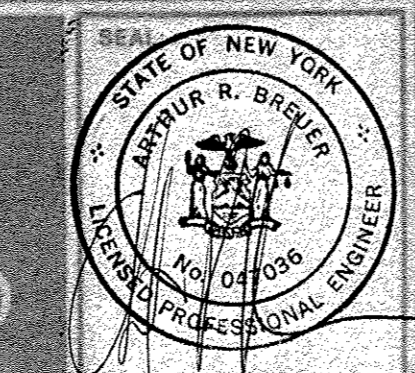
- CABLES SHALL RUN FROM DATA ROOM TO OPERATIONS IN (6) CABLE TRAYS.
- WORK INDICATED IN THIS SYMBOL AREA ONLY IS PART OF THIS CONTRACT. ALL OTHER WORK IS NOT PART OF THIS CONTRACT. WORK INCLUDES: NEW PLUS-4A PANEL & FEEDER, AND UPS ALARM WIRING. DATA COMMUNICATION CLOSET LOCATED FOR CABLE WORK ONLY.

NO.	REVISION DESCRIPTION	APPROVAL INITIAL AND DATE

KEY PLAN

PROJECT TITLE OPERATIONS CENTER 4TH FLOOR ALTERATION LEVEL 176'-0"			 RECD. HEADQUARTERS FACILITIES 250 Harbor Drive P.O. Box 10501 Stamford, CT 06904-2501
DRAWING TITLE ELECTRICAL POWER & DATA ROUTING			
DRAWN BY WRP	SCALE 1/8" = 1'-0"	DATE JUNE 1, 1990	DRAWING NO. E-4
BUILDING	FLOOR	SECT. PROJ. NO. 477	40FB

the HOLT GROUP ARCHITECTS
 The Davis Office Center - Suite 207
 Stoneleigh Avenue - Carmel - New York - 10512

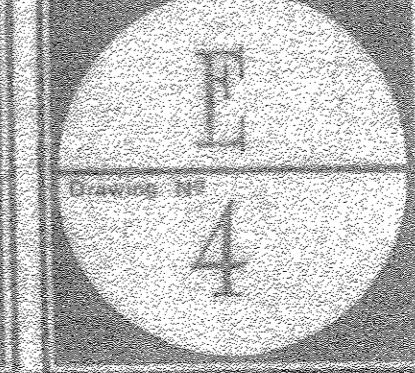


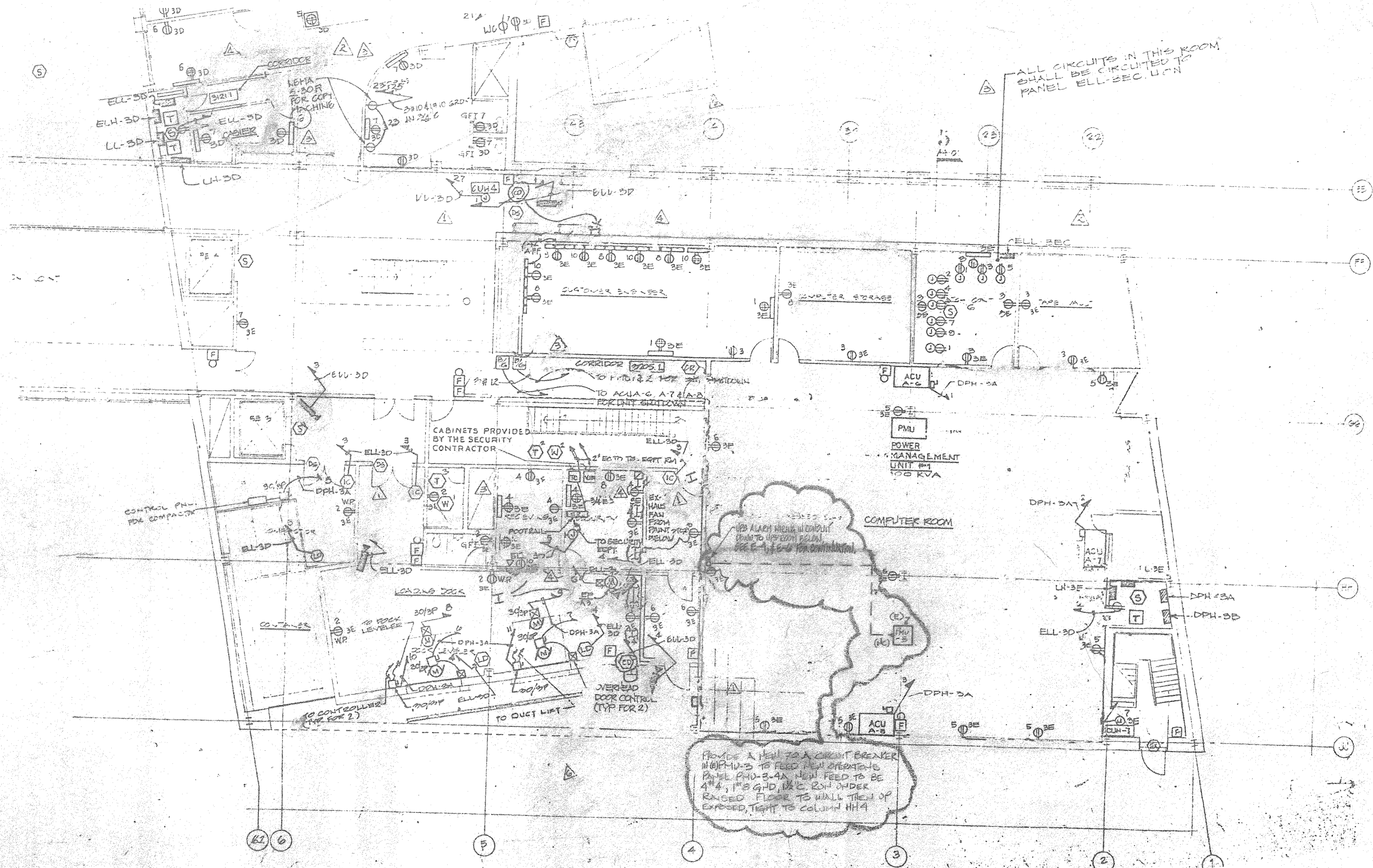
CONSULTANTS:
ARTHUR R. BREUER, P.E.
 CONSULTING ENGINEER
 224 GREENE AVENUE, CHAPPAQUA, N.Y. 10514-2416

PROJECT: **IBM - DALISADES, N.Y.**
**OPERATIONS CENTER
 4th FLOOR ALTERATION**

TITLE

SCALE DATE PROJECT NO. DRAWN BY






PROVIDE A NEW 120A CIRCUIT BREAKER WITH PDU-3 TO FEED NEW EXTENSIVE PANEL PDU-3-4A. NEW FEED TO BE 4" 1" 1/2" G-10, 1/2" R-10 UNDER RANDED FLOOR TO WALL TIEUP OF EXPOSED, TIGHT TO COLUMN H14.

Notes:
1. WORK INDICATED IN THIS SUBMITTED AREA ONLY IS PART OF THIS CONTRACT. ALL OTHER WORK IS NOT PART OF THIS CONTRACT.

NO.	REVISION DESCRIPTION	APPROVAL INITIAL AND DATE

PROJECT TITLE OPERATIONS CENTER 4TH FLOOR ALTERATION LEVEL 150'-4"			 RECD. HEADQUARTERS FACILITIES 300 Harbor Drive P.O. Box 10591 Stamford, CT 06904-2501
DRAWING TITLE ELECTRICAL POWER ROUTING			
DRAWN BY WRP	SCALE 1/8" = 1'-0"	DATE JUNE 1, 1990	DRAWING NO. E-5
BUILDING	FLOOR	SECT.	PROJ. NO. 477
			50FG

the HOLT GROUP
The Barns Office Center • Suite • 207
200 South Avenue • Corral • New York • 10512

ARCHITECTS

012 • 279 • 8282



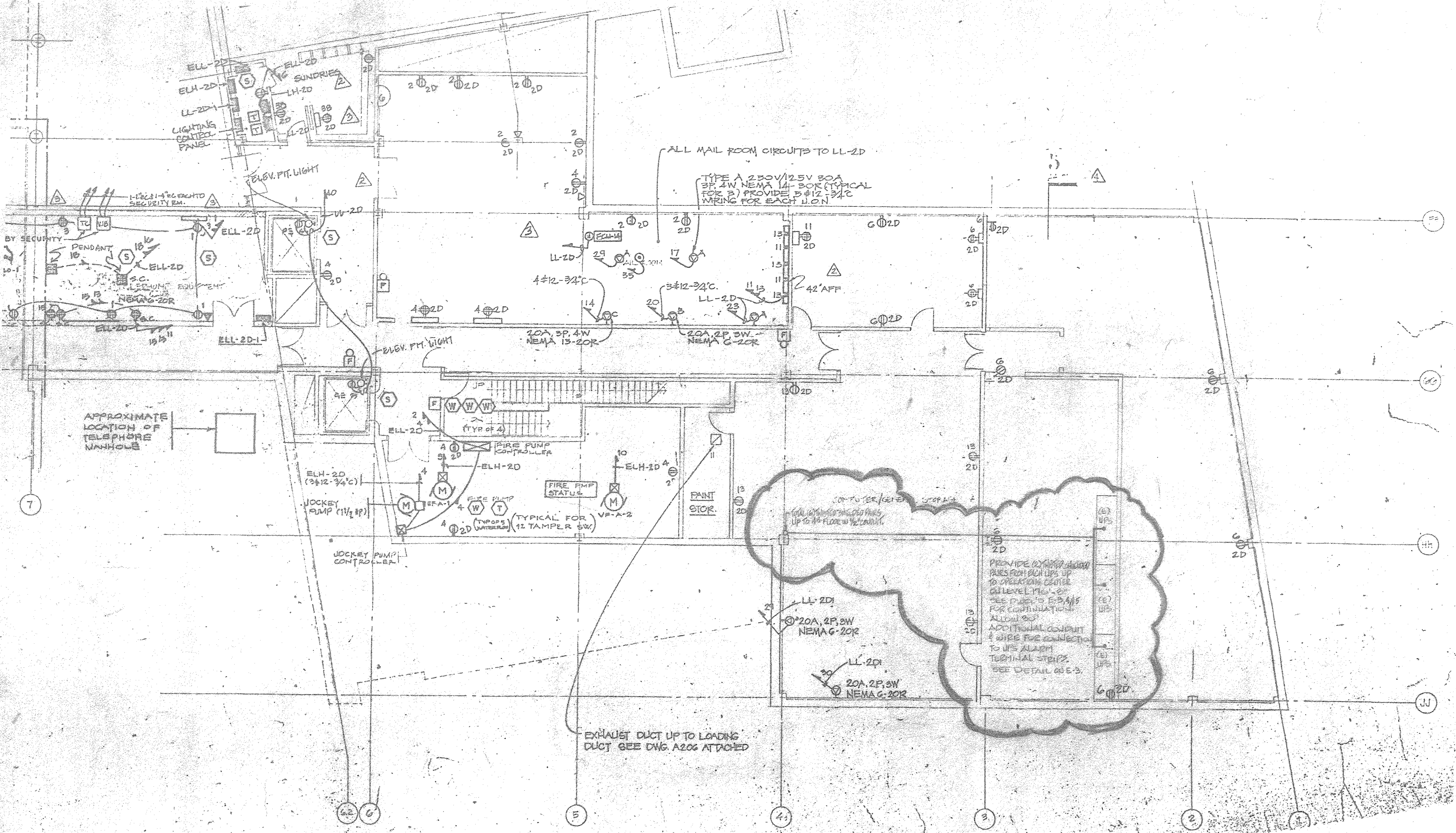
CONSULTANTS
ARTHUR R. BREUER, P.E.
CONSULTING ENGINEER
24N GREELEY AVENUE • CHAPPAQUA, N.Y. 10514-3410

PROJECT **IBM • PALISADES, N.Y.
OPERATIONS CENTER
4th FLOOR ALTERATION**

TITLE

SCALE DATE PROJECT NO DRAWN BY





Notes:
 1. WORK SHOWN WITHIN BUBBLED AREA ONLY IS PART OF THIS CONTRACT.
 ALL OTHER WORK IS NOT PART OF THIS CONTRACT.

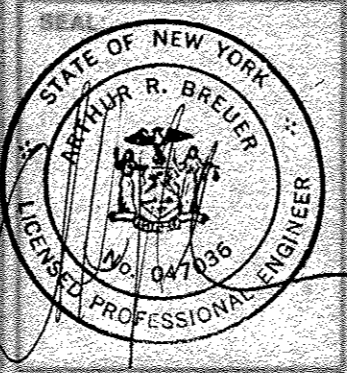
NO.	REVISION DESCRIPTION	APPROVAL INITIAL AND DATE

KEY PLAN

PROJECT TITLE OPERATIONS CENTER 4TH FLOOR ALTERATION LEVEL 442'-0"		 RECO HEADQUARTERS FACILITIES 250 Harbor Drive P.O. Box 19021 Stamford, CT 06904-2501
DRAWING TITLE ALARM WIRING TO UPS		
DRAWN BY WRP	SCALE 1/8" = 1'-0"	DATE JUNE 1, 1990
BUILDING	FLOOR	SECT.
PROJ. NO. 477		DRAWING NO. E-6

the HOLT GROUP
 The Home Office Center • Suite 207
 State Street • Carmel • New York • 10512

ARCHITECTS



CONSULTANTS
ARTHUR R. BREUER, P.E.
 CONSULTING ENGINEER
 24 N GREELEY AVENUE • CHAPPAQUA, N.Y. 10514-3410

PROJECT **IBM - DALISADES, N.Y.**
OPERATIONS CENTER
4th FLOOR ALTERATION

TITLE _____
 SCALE: _____ DATE: _____ PROJECT NO: _____ DRAWN BY: _____

