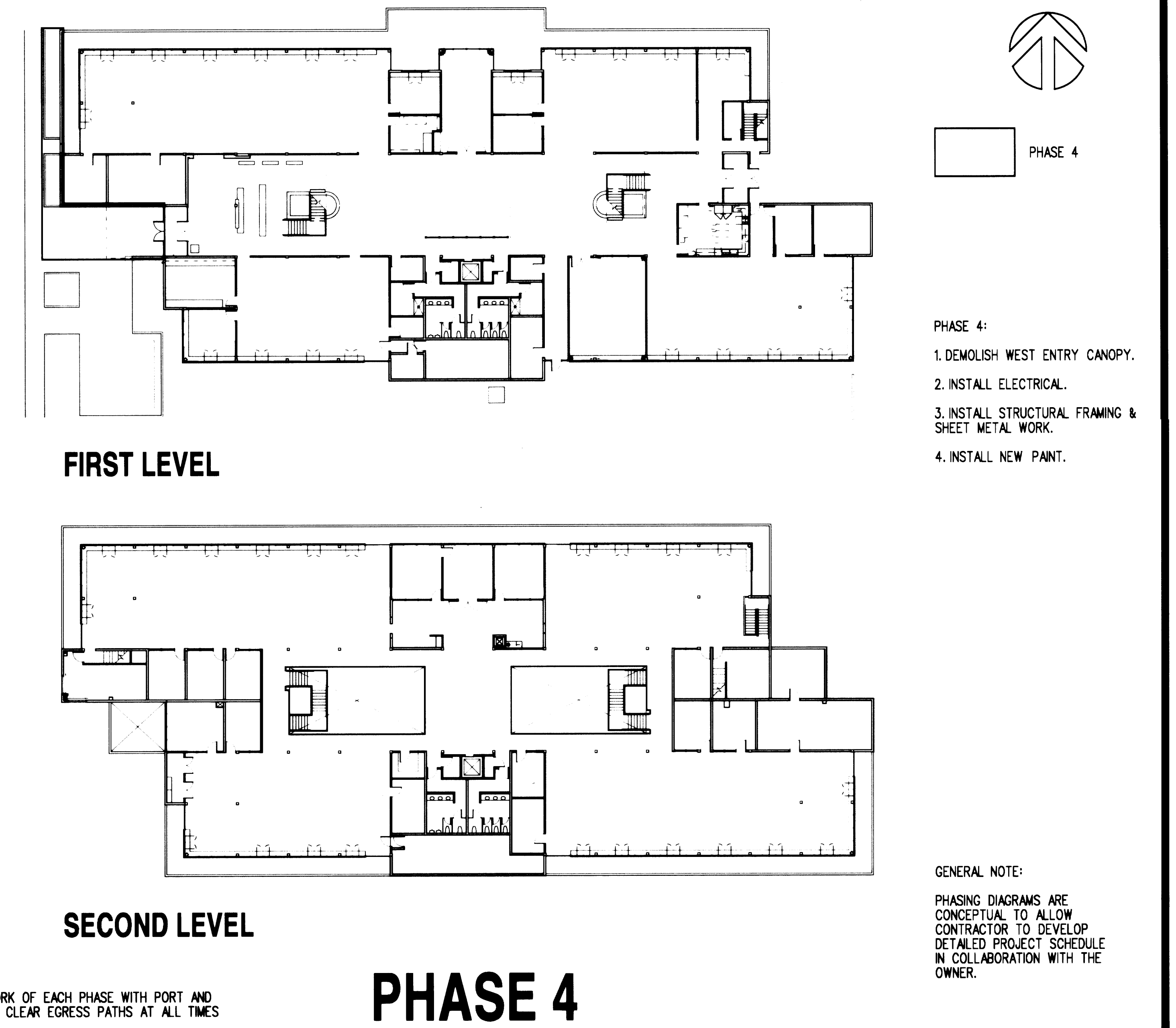
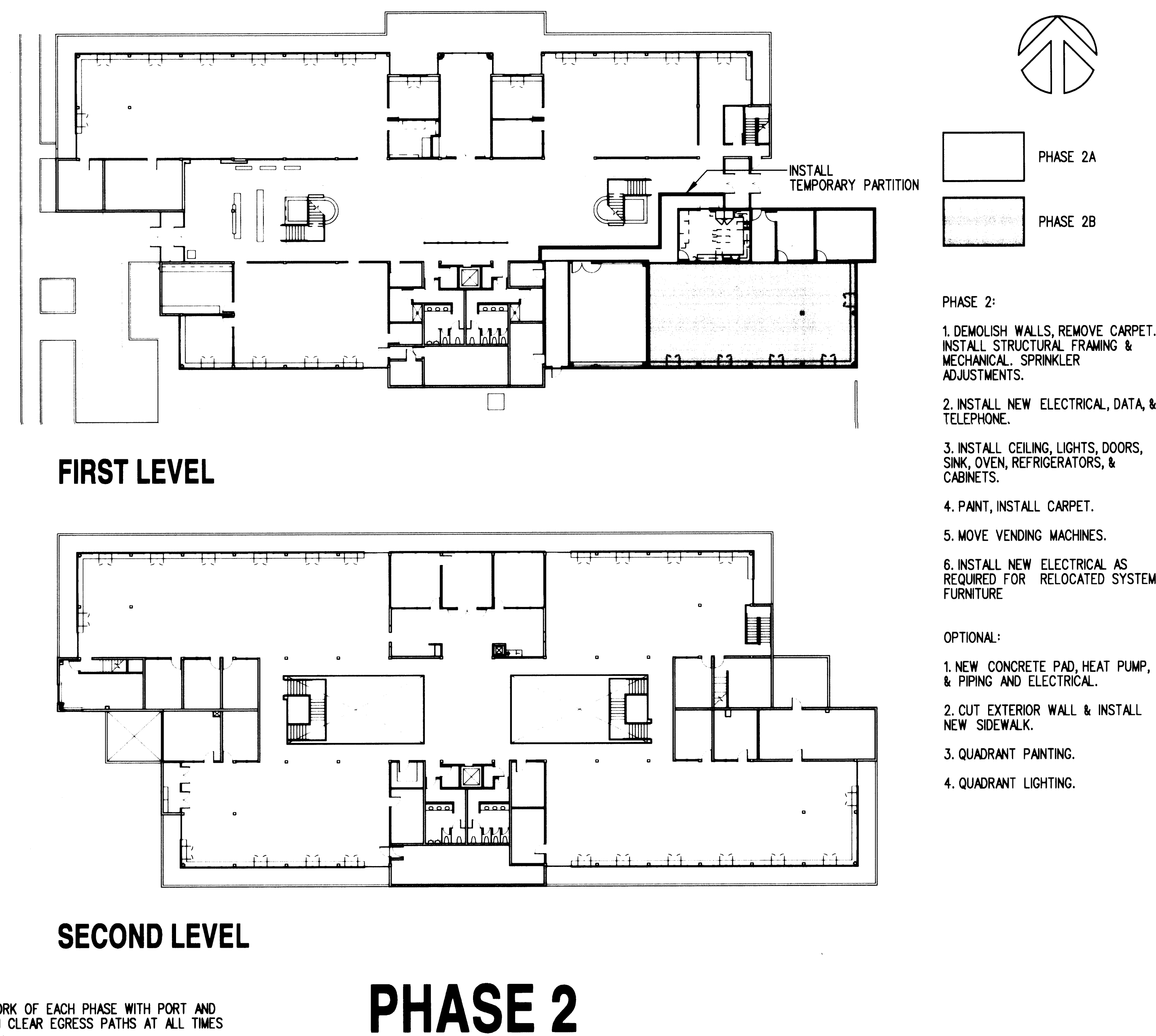
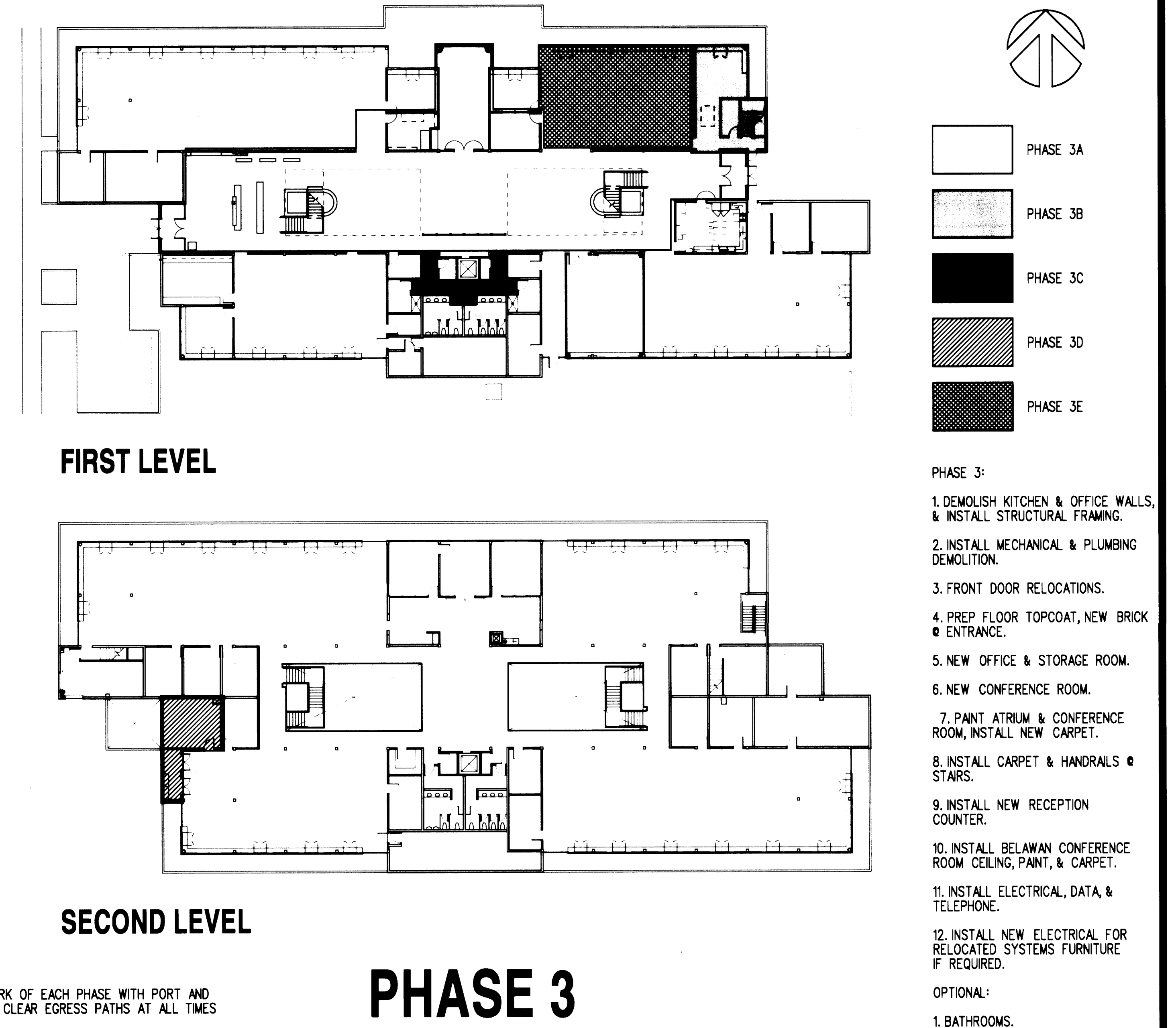
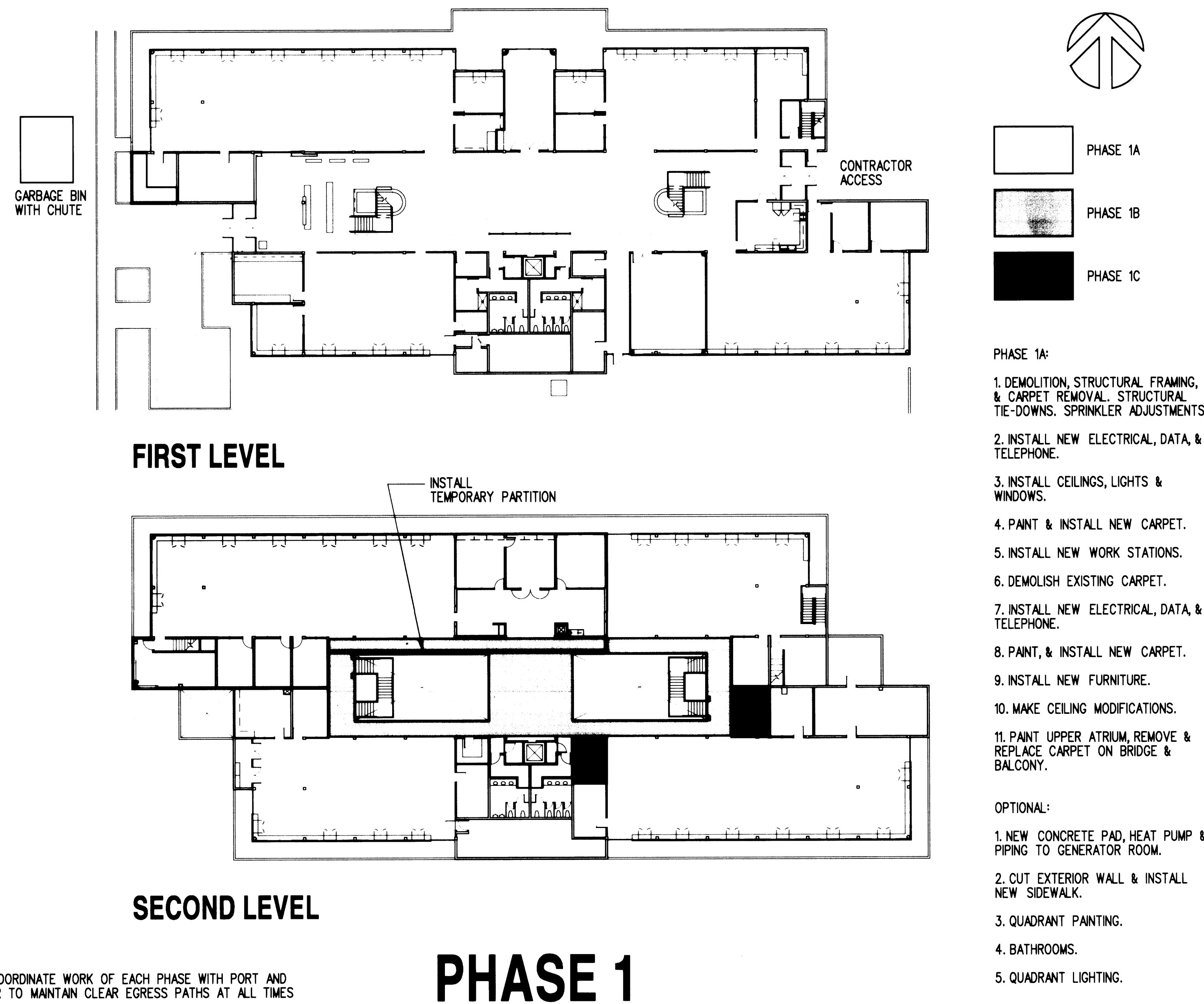




Approved: *[Signature]* Date: 3-5-2002
Senior Director of Facilities Development

IF SHEET IS OTHER THAN 30"x42", IT HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23

REGISTERED ARCHITECT
STATE OF WASHINGTON

REVISIONS			
NO.	DATE	BY	DESCRIPTION

TITLE
PHASING PLANS

DESIGNED	CB/LB
DRAWN	EN/RT/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99078-01

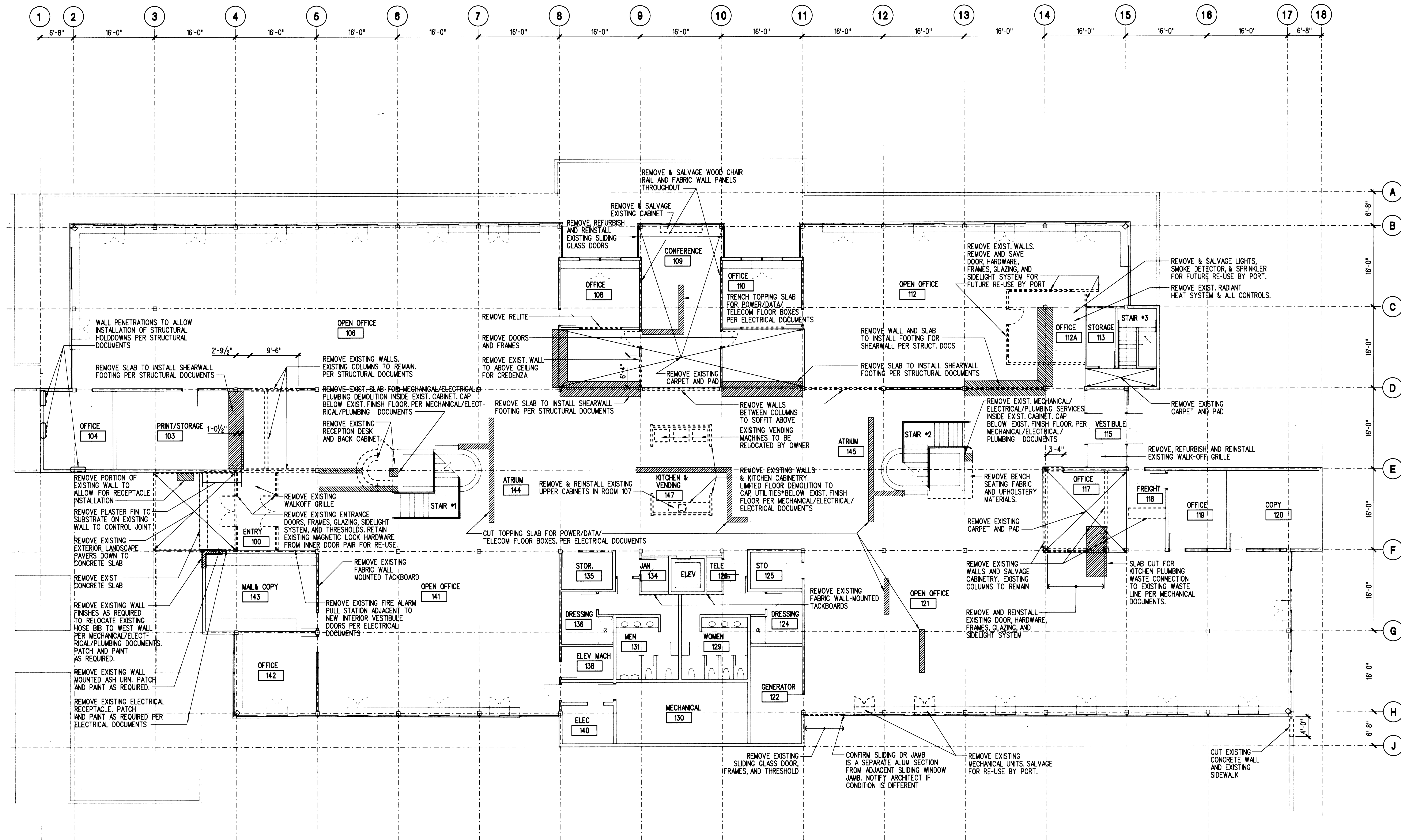
REVISIONS

NO.	DATE	BY	DESCRIPTION

TITLE

FIRST LEVEL
DEMOLITION PLAN

DESIGNED	CB/LB
DRAWN	EN/ST/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01



NOTES:

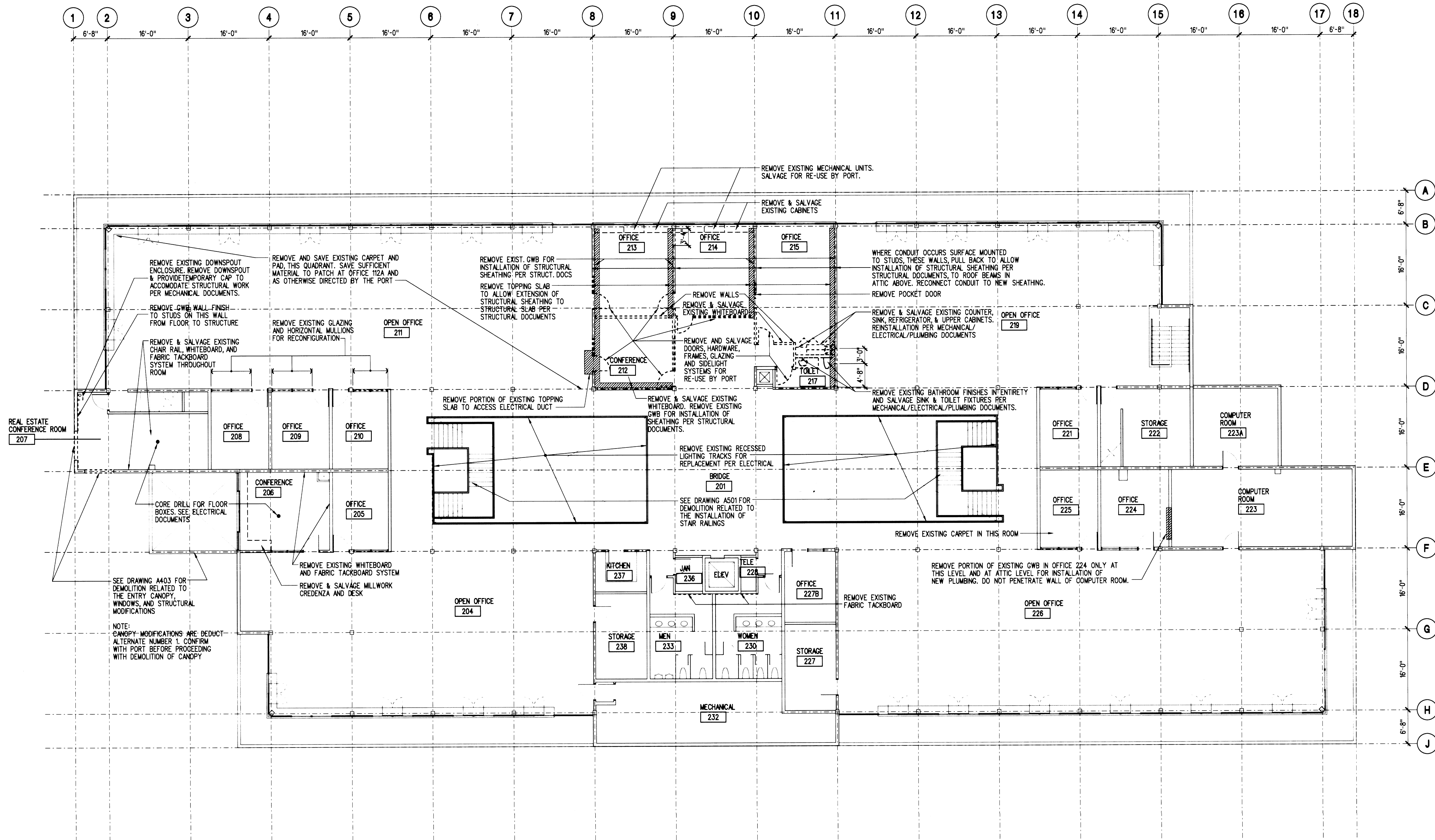
1. CONTRACTOR TO COORDINATE ALL CUTTING/TRENCHING AND CORE DRILLING OF TOPPING AND/OR STRUCTURAL SLAB WITH EXISTING WALKER-DUCT LOCATIONS. PROVIDE LAYOUT ON FLOOR FOR PORT/ARCHITECT/ENGINEER APPROVAL PRIOR TO CUTTING.
2. WHERE EXISTING SHEAR WALLS ARE REMOVED, GRIND OFF ANCHOR BOLTS AND ANY OTHER CONSTRUCTION FLUSH TO SLAB.
3. CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR REMOVAL AND DELIVERY OF SALVAGE ITEMS.
4. DEMOLITION REQUIRED FOR INSTALLATION OF STRUCTURAL, MECHANICAL, ELECTRICAL, & PLUMBING WORK. SEE STRUCTURAL, MECHANICAL, ELECTRICAL, & PLUMBING DOCUMENTS. G.C. TO COORDINATE.

1 FIRST LEVEL DEMOLITION PLAN

A101 SCALE: 1/8" = 1'-0"

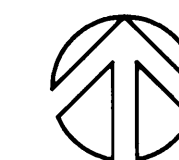


0 4' 8' 16' 24'

ADMINISTRATIVE OFFICE
BUILDING RENOVATION

NOTES:

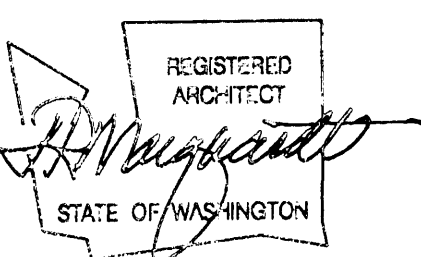
- CONTRACTOR TO COORDINATE ALL CUTTING/TRENCHING AND CORE DRILLING OF TOPPING AND/OR STRUCTURAL SLAB WITH EXISTING WALKER-DUCT LOCATIONS. PROVIDE LAYOUT ON FLOOR FOR PORT/ARCHITECT/ENGINEER APPROVAL PRIOR TO CUTTING.
- CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR REMOVAL AND DELIVERY OF SALVAGE ITEMS.
- DEMOLITION REQUIRED FOR INSTALLATION OF STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING WORK. SEE STRUCTURAL, MECHANICAL, ELECTRICAL, & PLUMBING DOCUMENTS. G.C. TO COORDINATE.

1 SECOND LEVEL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 16' 24'

Approved

David R. Chisholm

Senior Director of Facilities Development
IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCEDCONTRACT #
998084EP #
5345-23

REVISIONS

NO.	DATE	BY	DESCRIPTION

TITLE

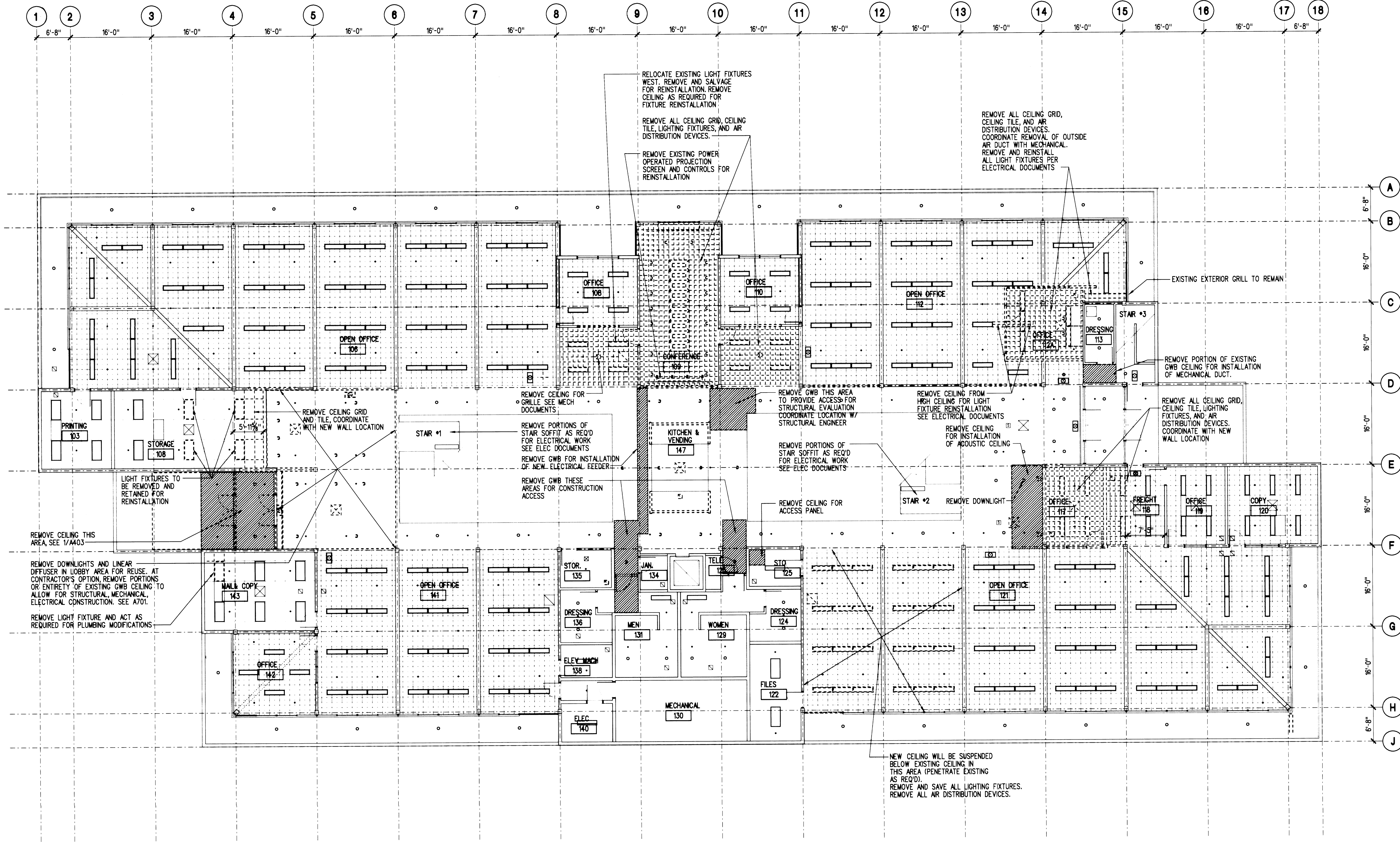
SECOND LEVEL
DEMOLITION PLAN

DESIGNED CB/LB
 DRAWN EN/RT/BR
 CHECKED CB
 DATE MARCH 4, 2002
 CADD FILE
 JOB NUMBER 99079-01

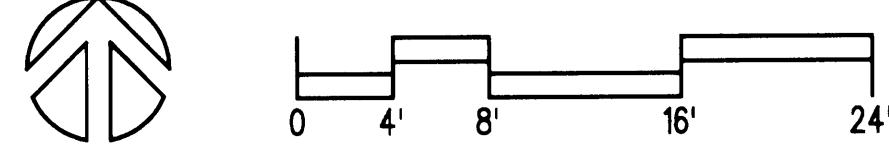
A102

NO.	DATE	BY	DESCRIPTION

DESIGNED	CB/LB
DRAWN	EN/RT/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01



1 FIRST LEVEL REFLECTED CEILING DEMOLITION PLAN
A101 SCALE: 1/4" = 1'-0"

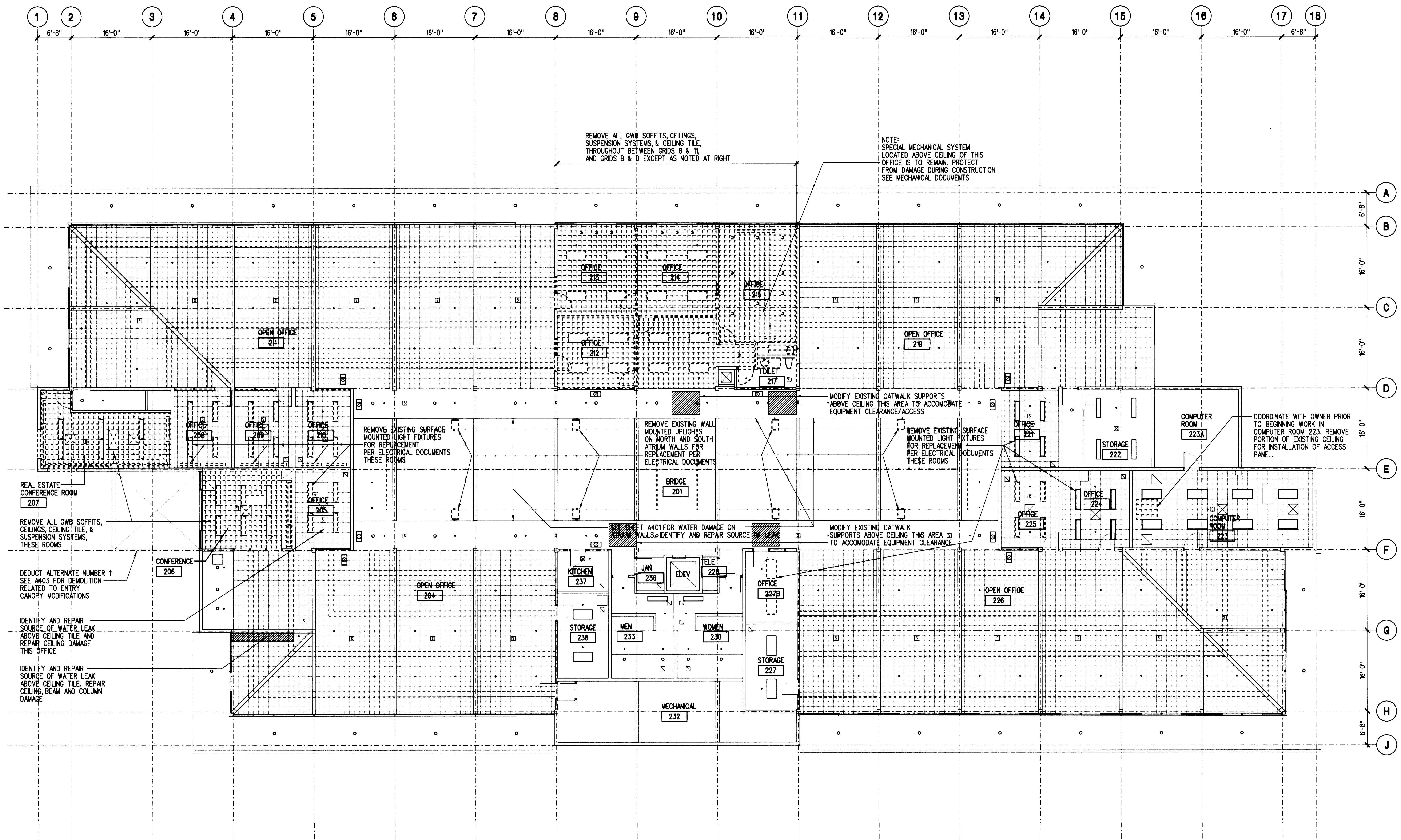


NO.	DATE	BY	DESCRIPTION

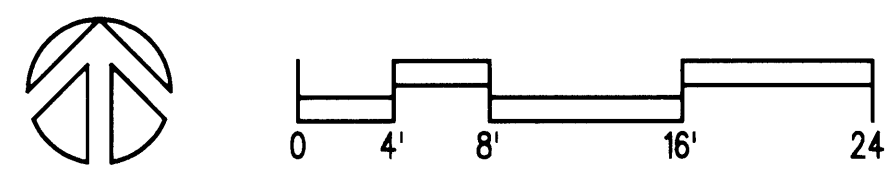
TITLE

SECOND LEVEL
REFLECTED CEILING
DEMOLITION PLAN

DESIGNED	CB/LB
DRAWN	EN/BJ/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99078-01



1 SECOND LEVEL REFLECTED CEILING DEMOLITION PLAN
A102 SCALE: 1/4" = 1'-0"

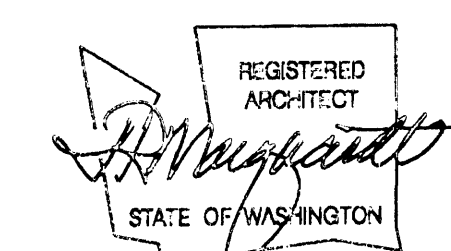




IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

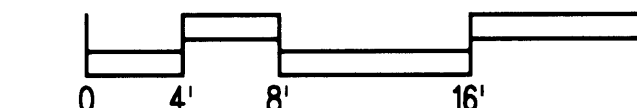
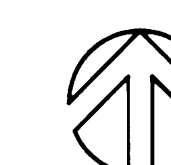
CONTRACT #
998084

EP #
5345-23



1. POWER, DATA, COMMUNICATIONS PER ELECTRICAL DOCUMENTS, TYPICAL
2. FOR WALL TYPES SEE SHEET A601
3. LEVEL AND PREPARE ENTIRE EXISTING ATRIUM TILE FLOORING TO ACCEPT CARPET PER SPECIFICATIONS

1 FIRST LEVEL FLOOR PLAN
A201 SCALE: 1/4" = 1'-0"

[illegible]

A201



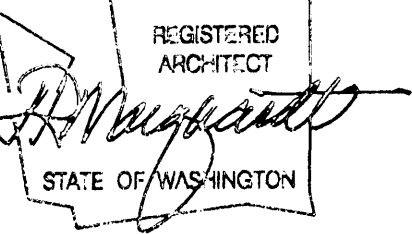
ADMINISTRATIVE OFFICE
BUILDING RENOVATION

Approved
[Signature]
Senior Director of Facilities Development
Date 3-5-2002

IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23

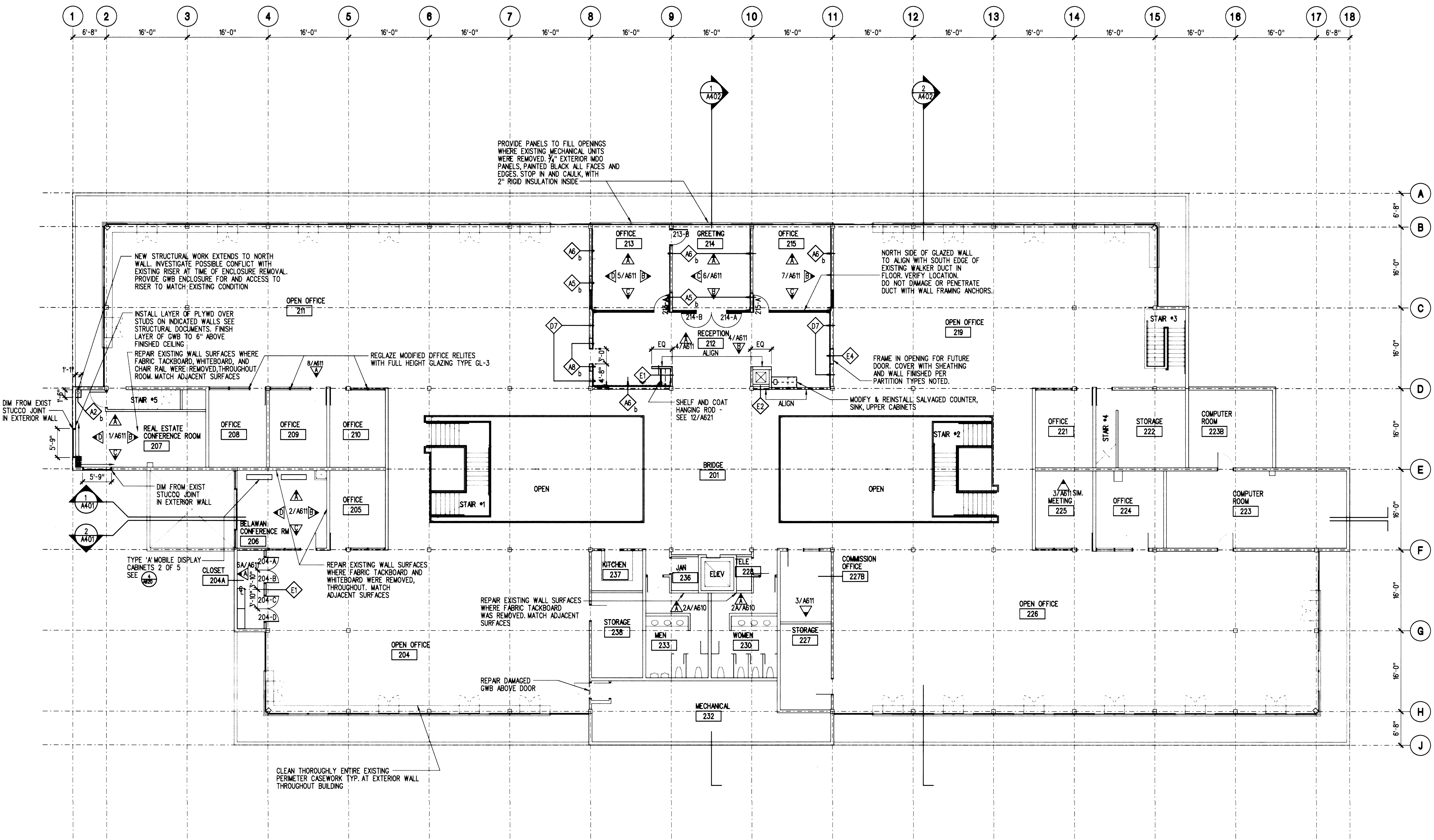


REVISIONS			
NO	DATE	BY	DESCRIPTION

TITLE
**SECOND LEVEL
FLOOR PLAN**

DESIGNED CB/LB
DRAWN EN/DT/BR
CHECKED CB
DATE MARCH 4, 2002
CADD FILE
JOB NUMBER 99078-01

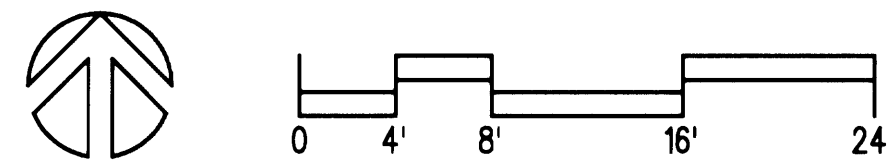
A202

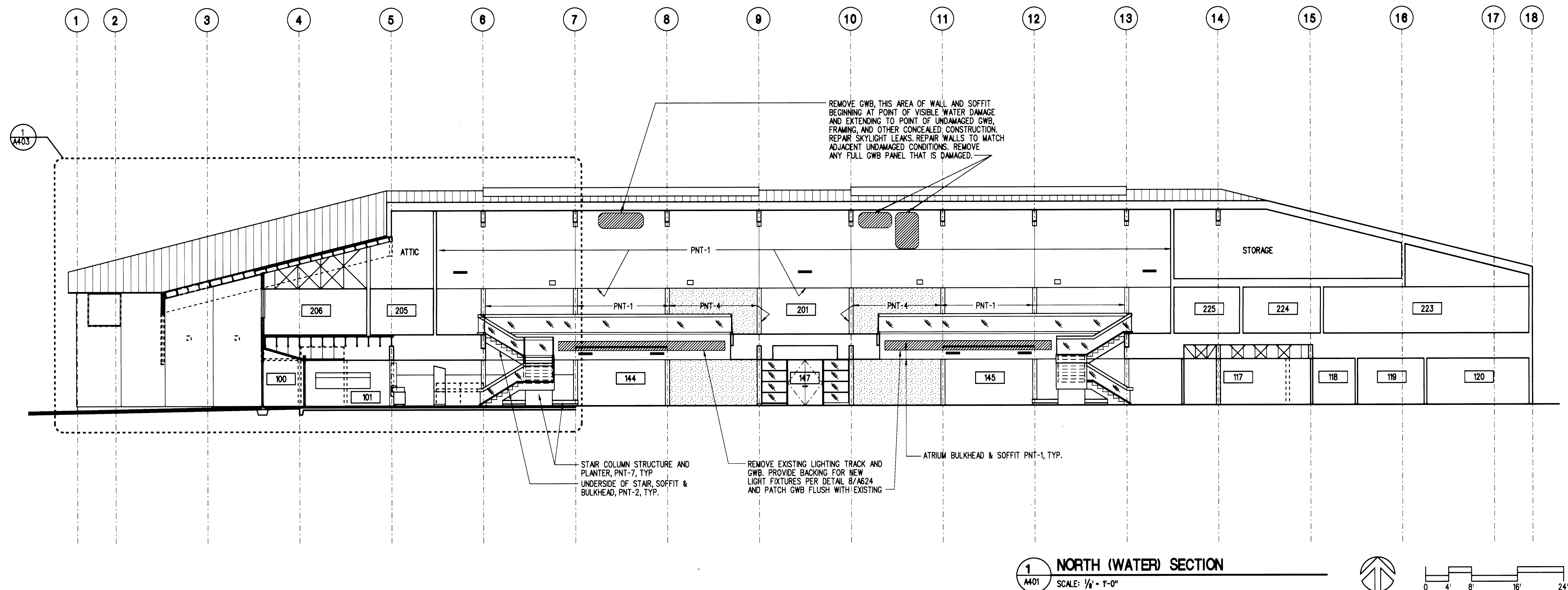
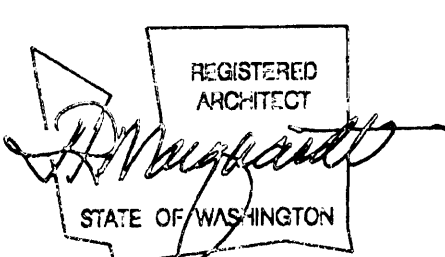


NOTES:

1. POWER, DATA, COMMUNICATIONS PER ELECTRICAL DOCUMENTS, TYPICAL
2. FOR WALL TYPES SEE SHEET A601

1 SECOND LEVEL FLOOR PLAN
A202 SCALE: 1/8" = 1'-0"



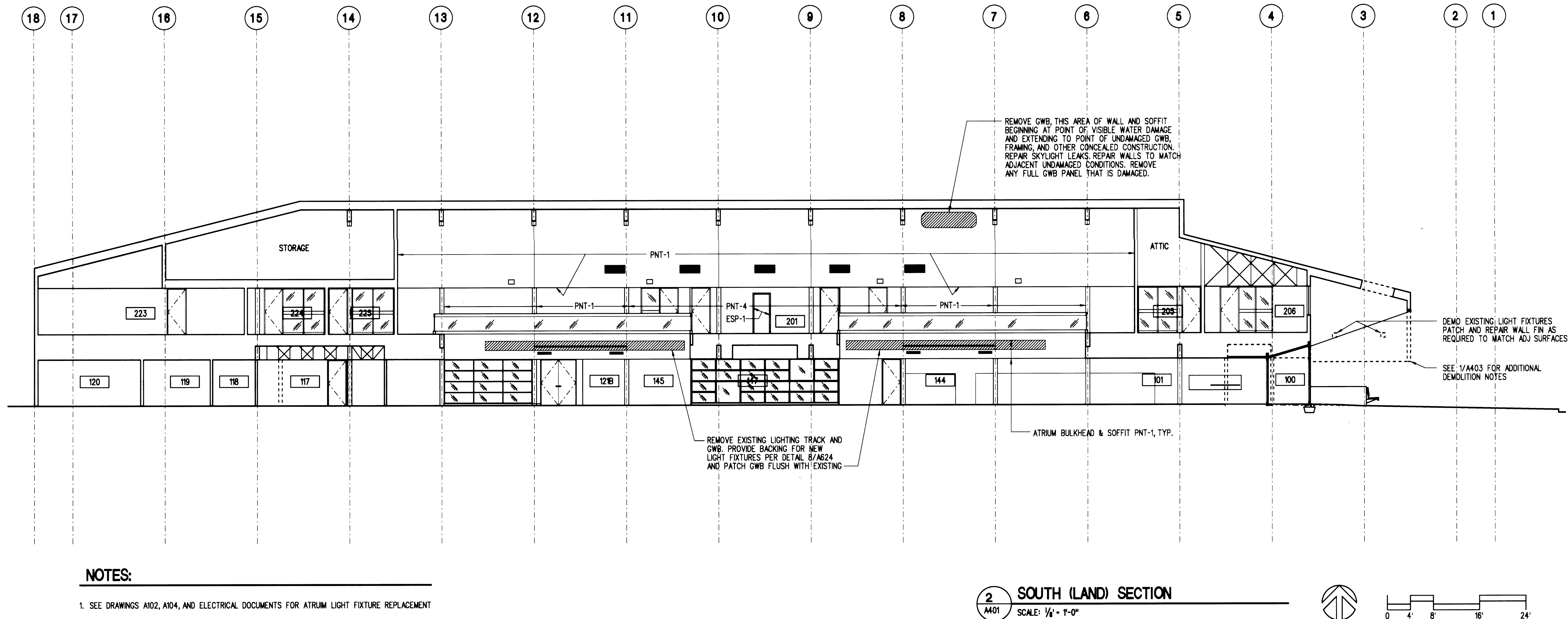
ADMINISTRATIVE OFFICE
BUILDING RENOVATIONApproved
[Signature] Date 3-5-2002
Senior Director of Facilities DevelopmentIF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCEDCONTRACT #
998084EP #
5345-23

NO.	DATE	BY	DESCRIPTION

TITLE
LONGITUDINAL
SECTIONS

DESIGNED	CB/LB
DRAWN	EN/RT/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01

A401

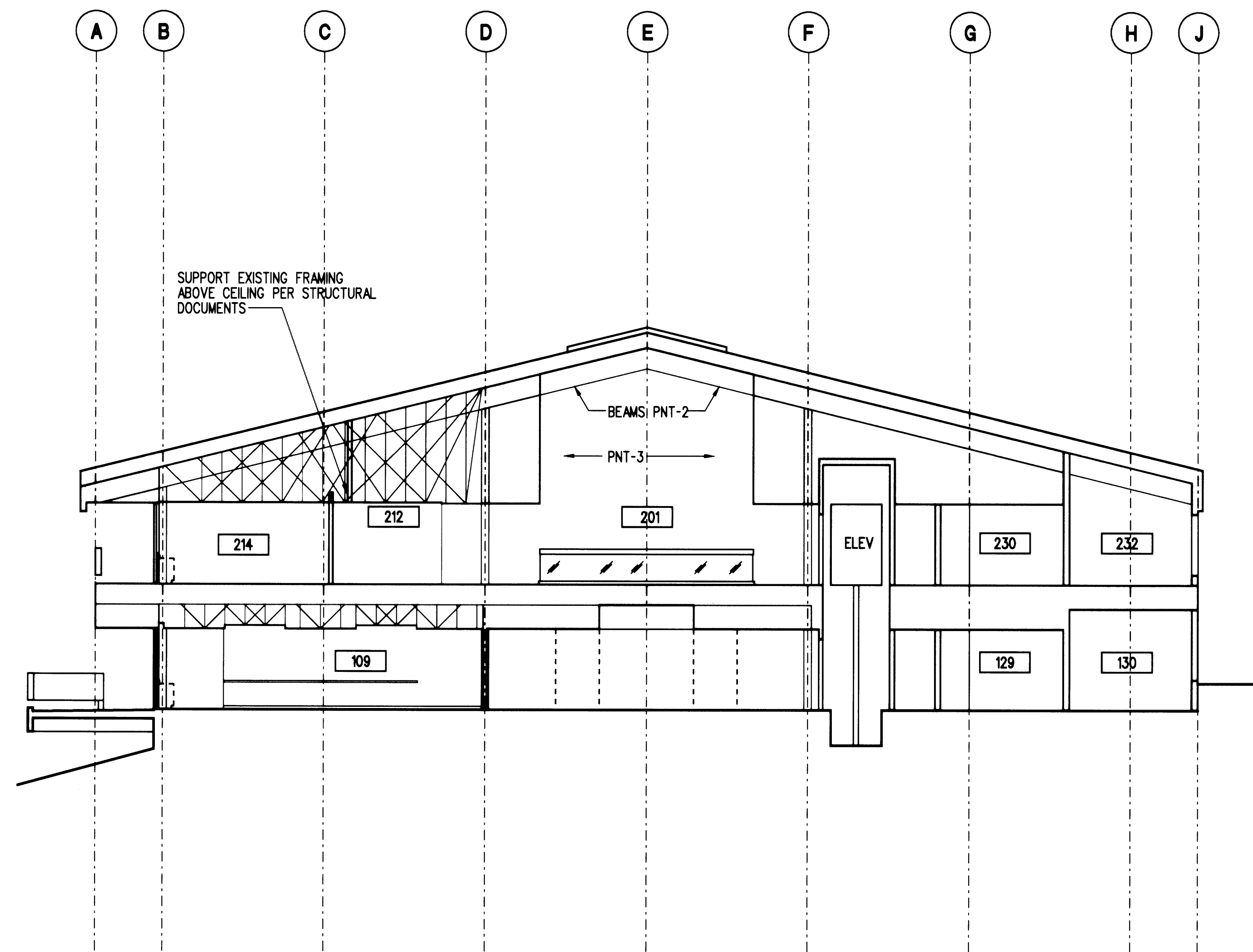


NOTES:

- SEE DRAWINGS A102, A104, AND ELECTRICAL DOCUMENTS FOR ATRIUM LIGHT FIXTURE REPLACEMENT



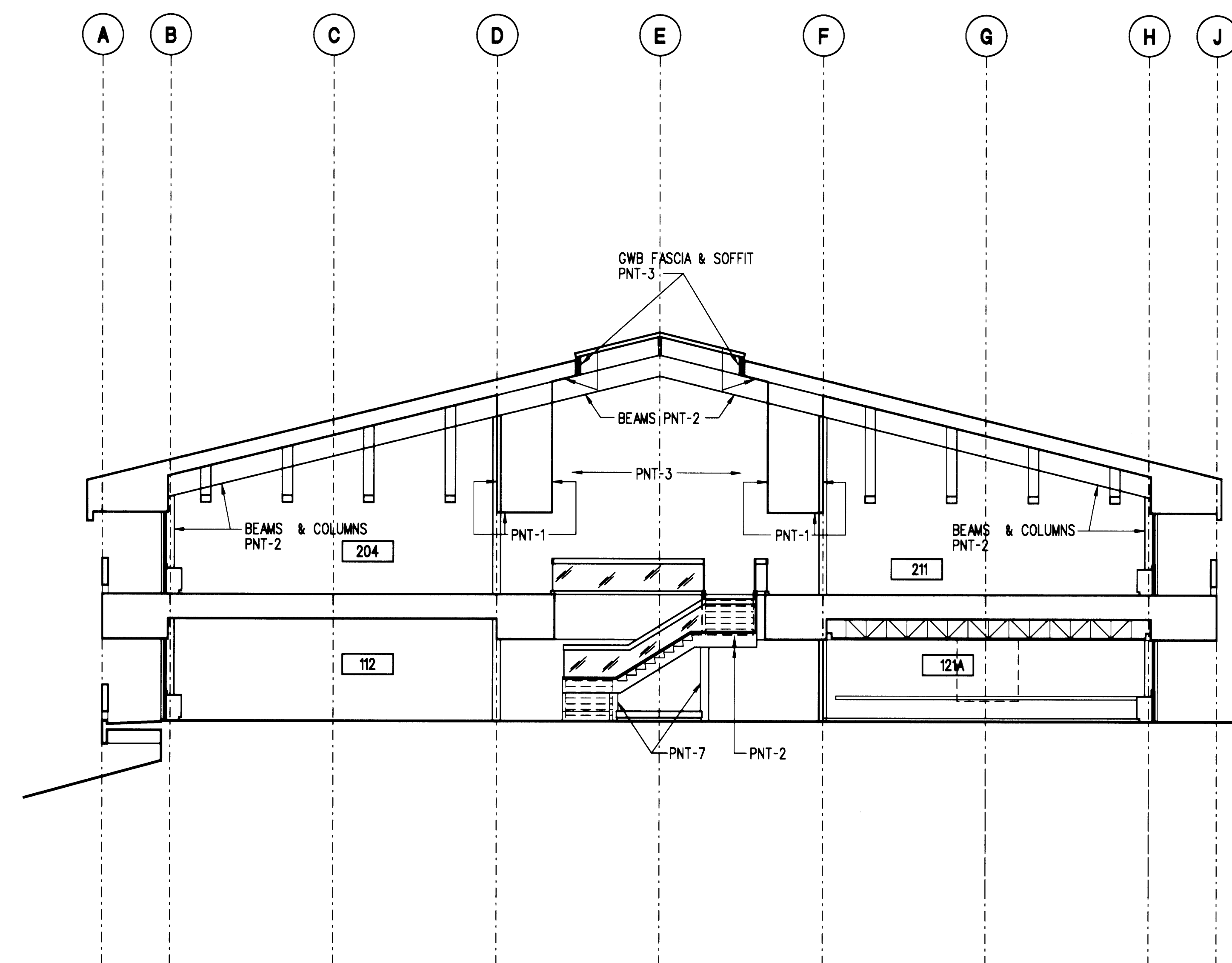
ADMINISTRATIVE OFFICE
BUILDING RENOVATION



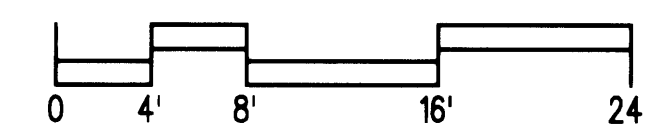
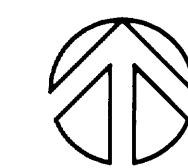
1 EAST SECTION
A402 SCALE: 1/8" = 1'-0"

NOTES:

- SEE DRAWINGS A102, A104, AND ELECTRICAL DOCUMENTS FOR ATRUIM LIGHT FIXTURE REPLACEMENT



2 WEST SECTION
A402 SCALE: 1/8" = 1'-0"

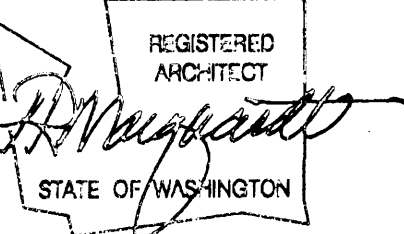


Approved
[Signature] Date 3-5-2002
Senior Director of Facilities Development

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HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23

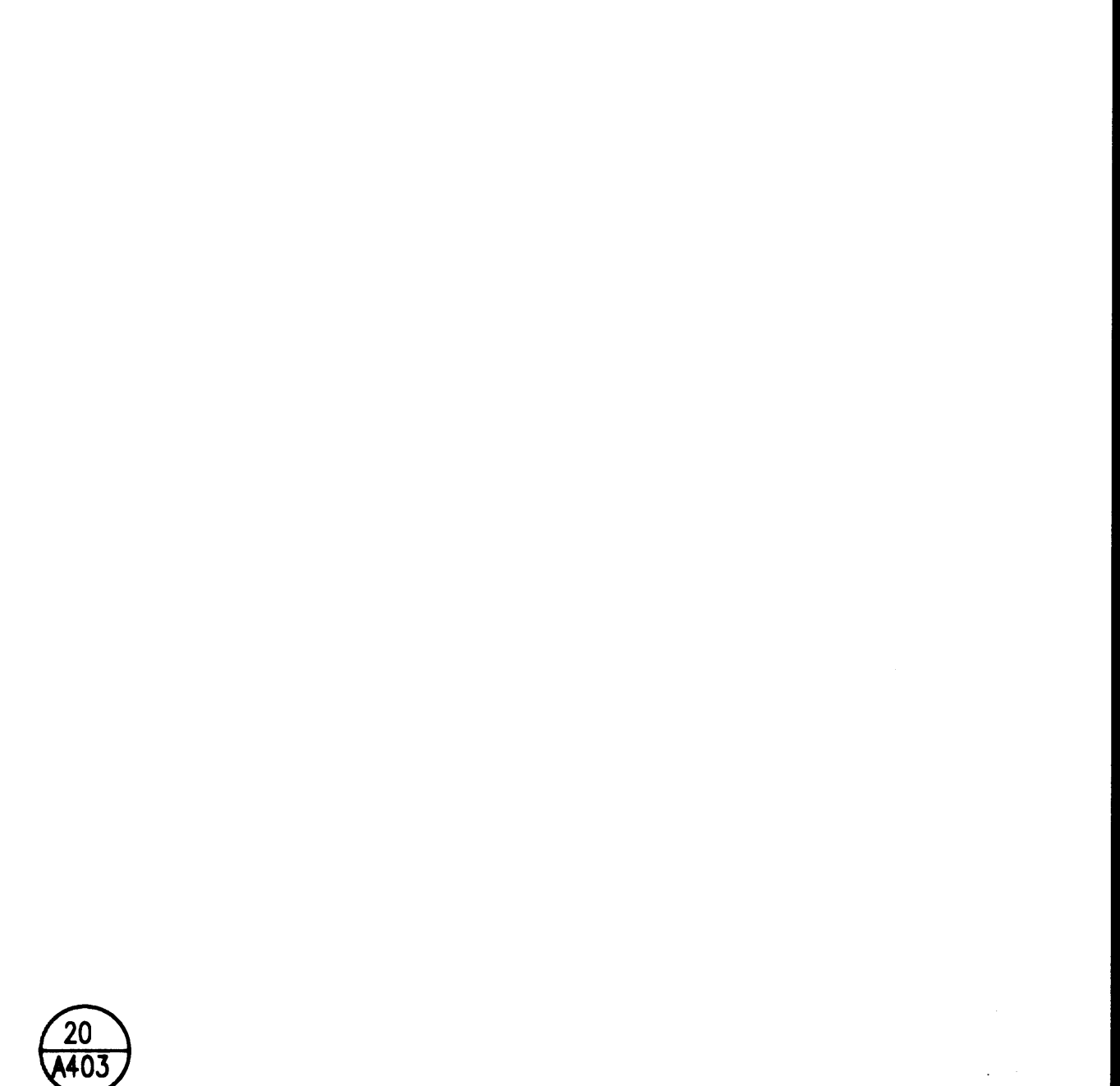
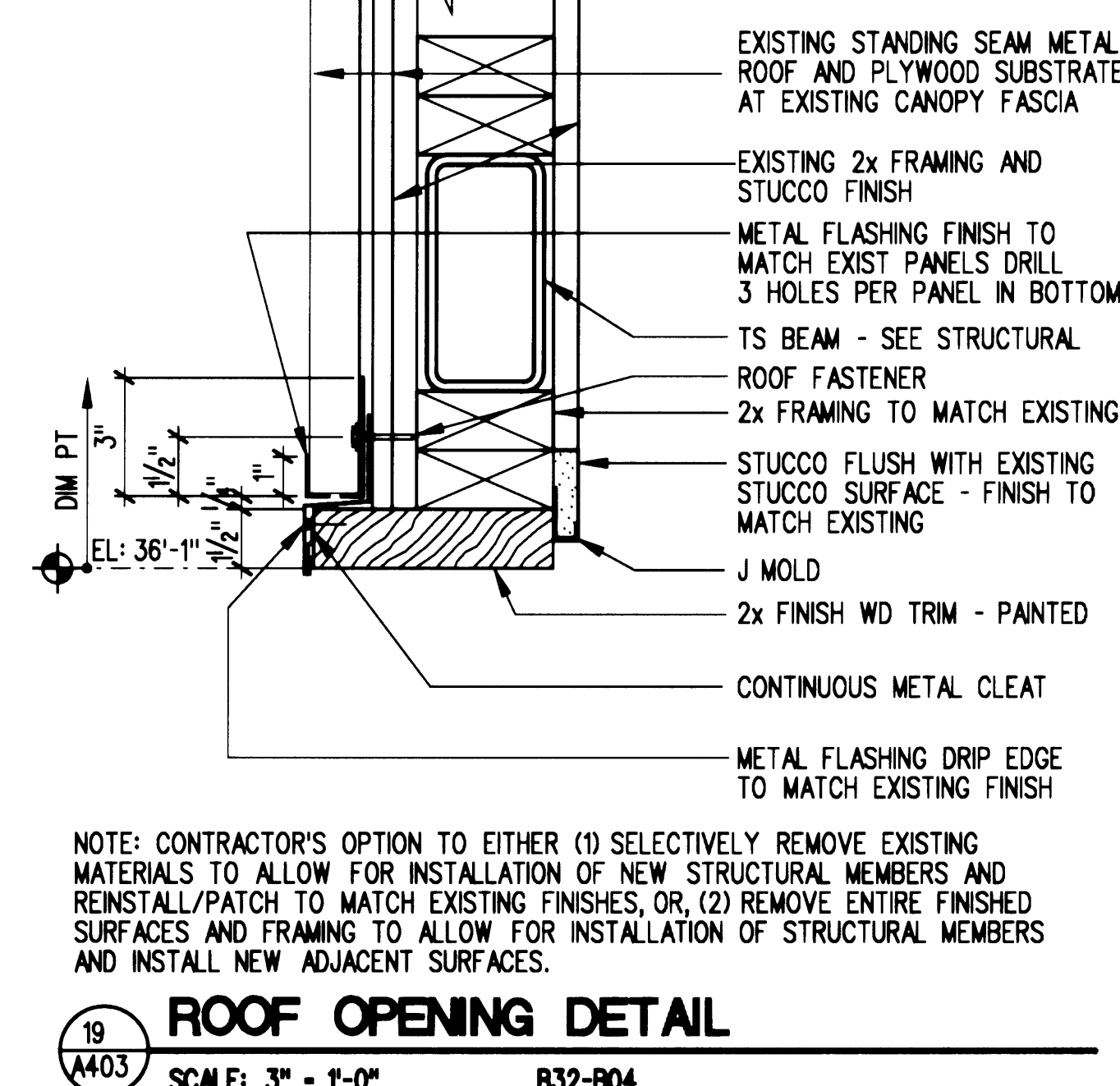
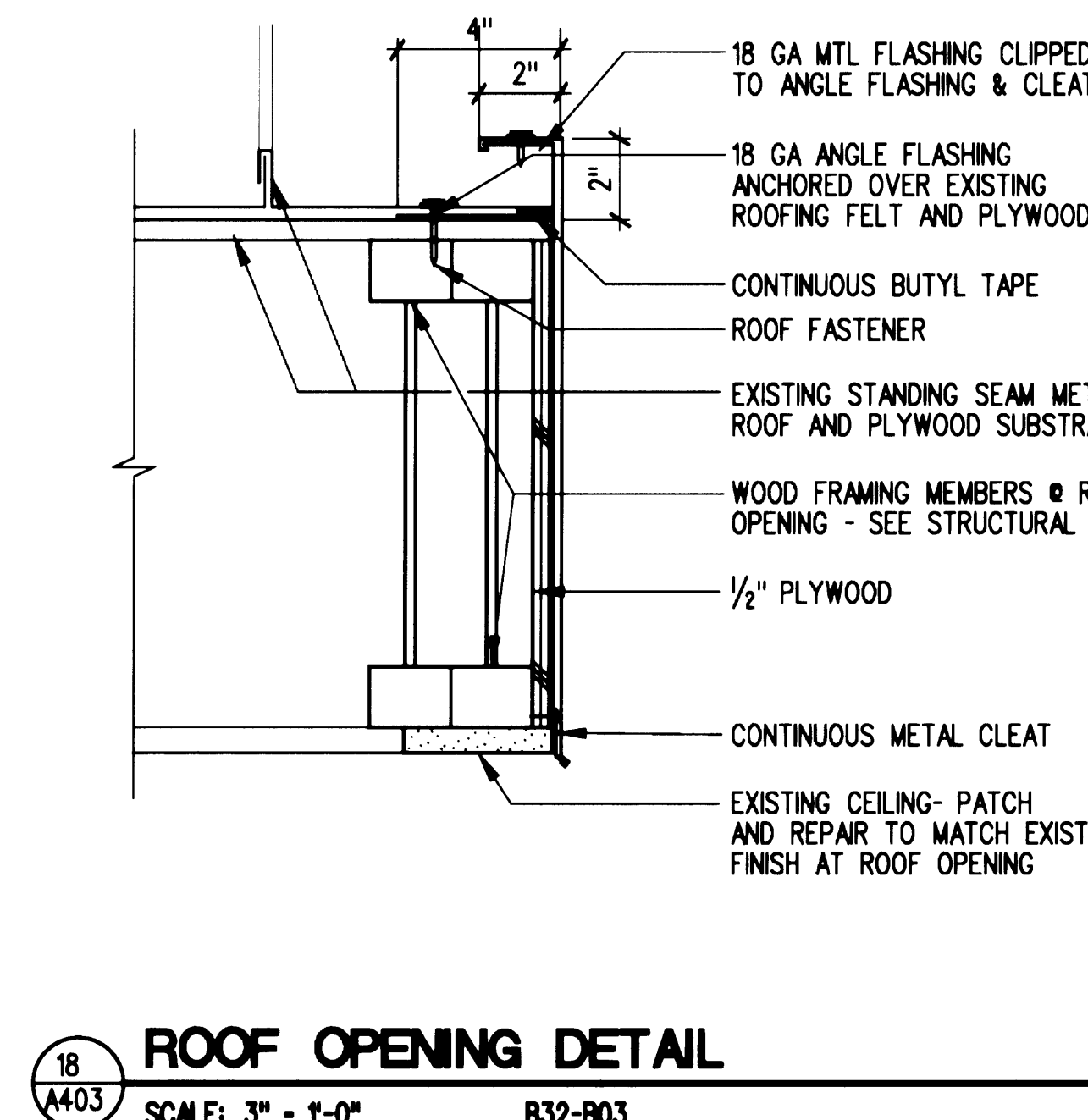
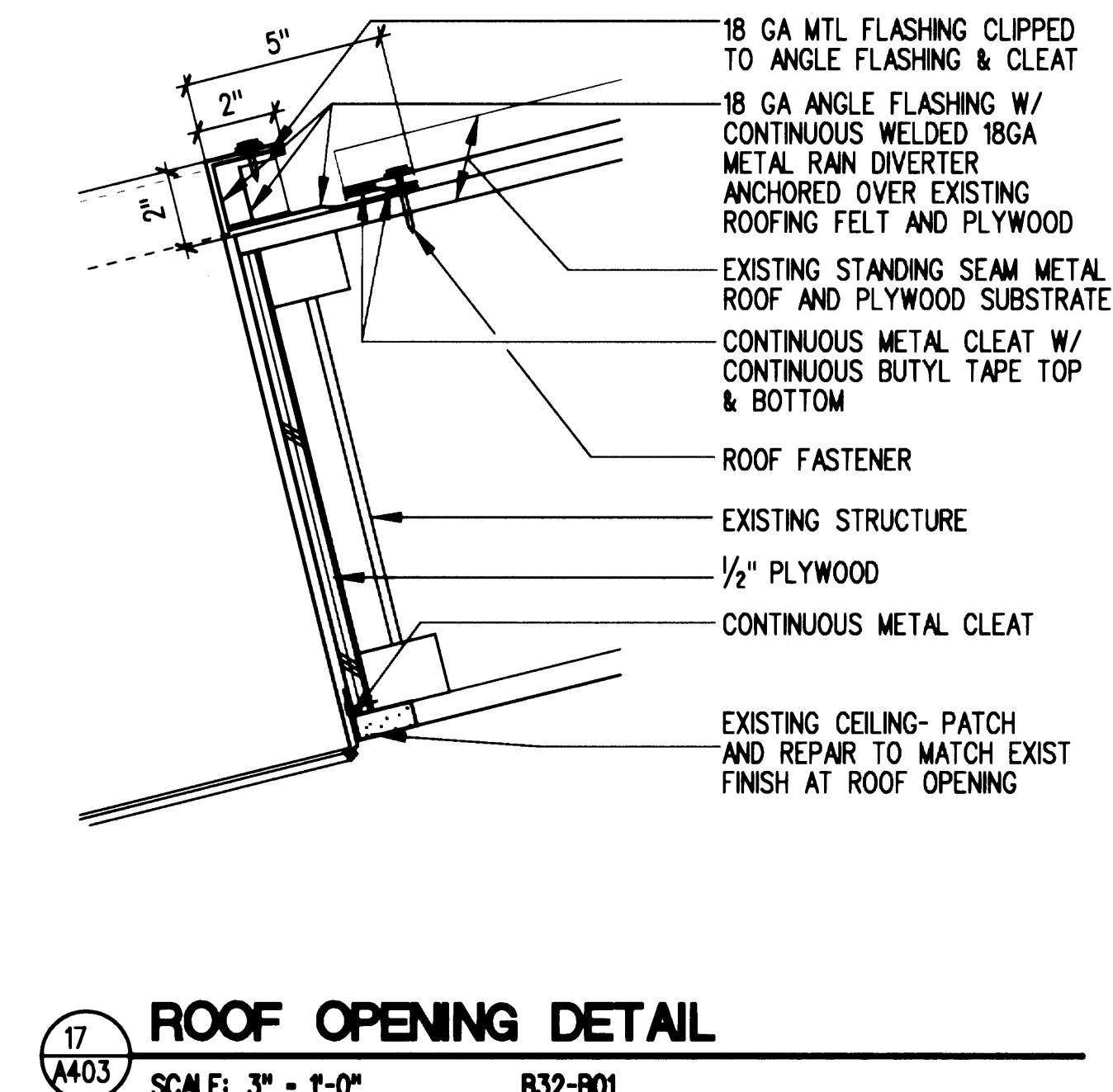
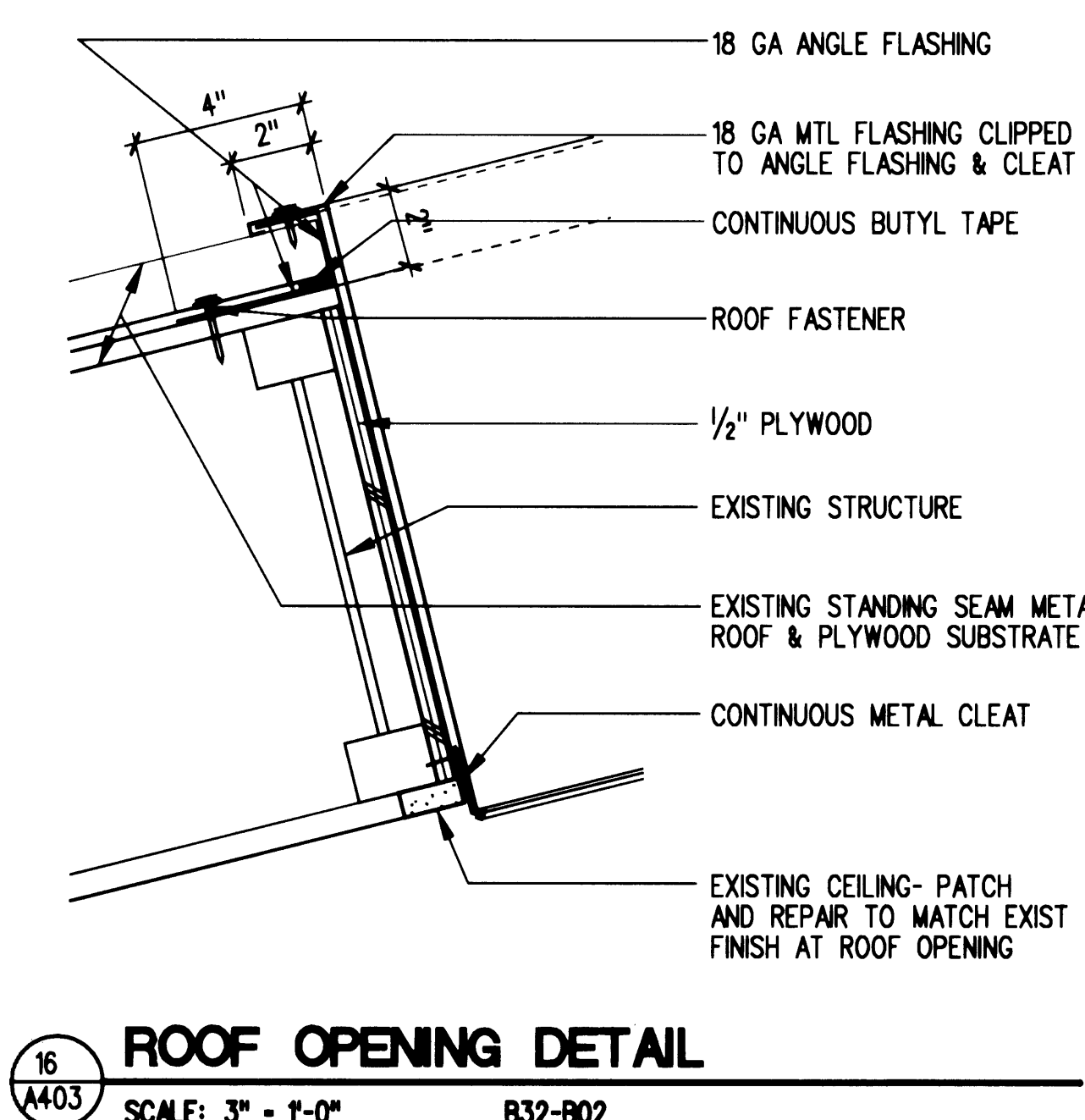
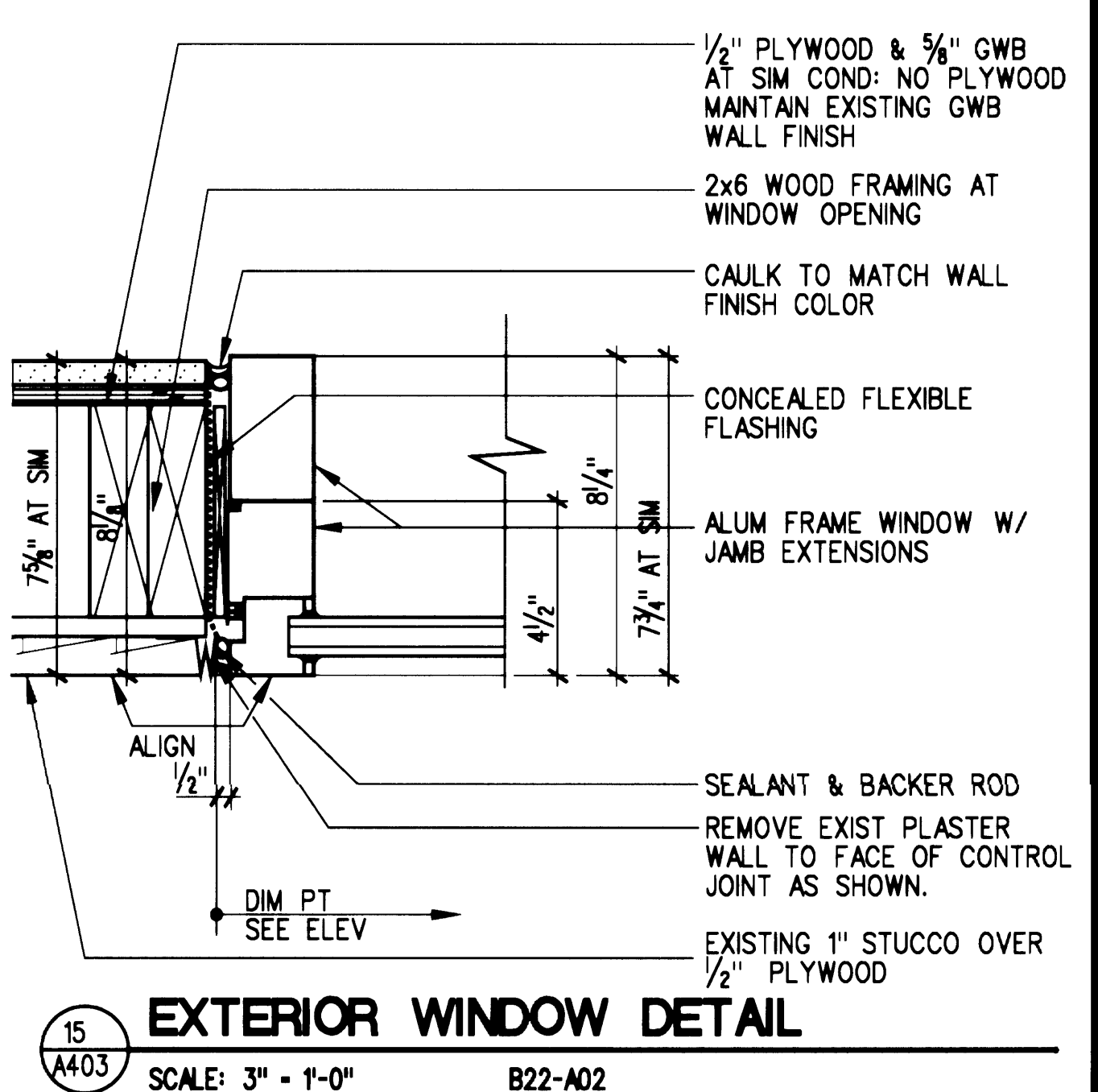
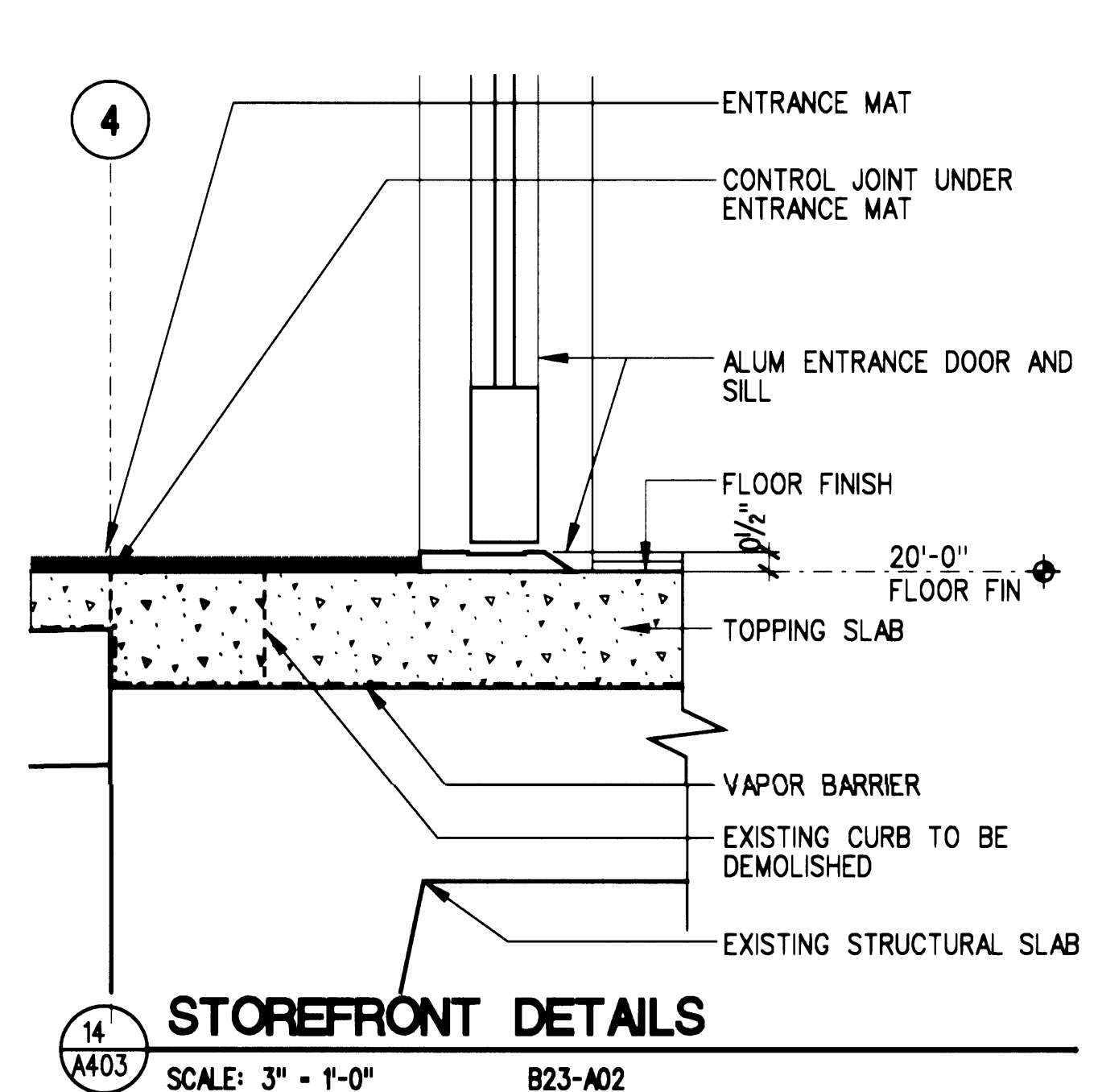
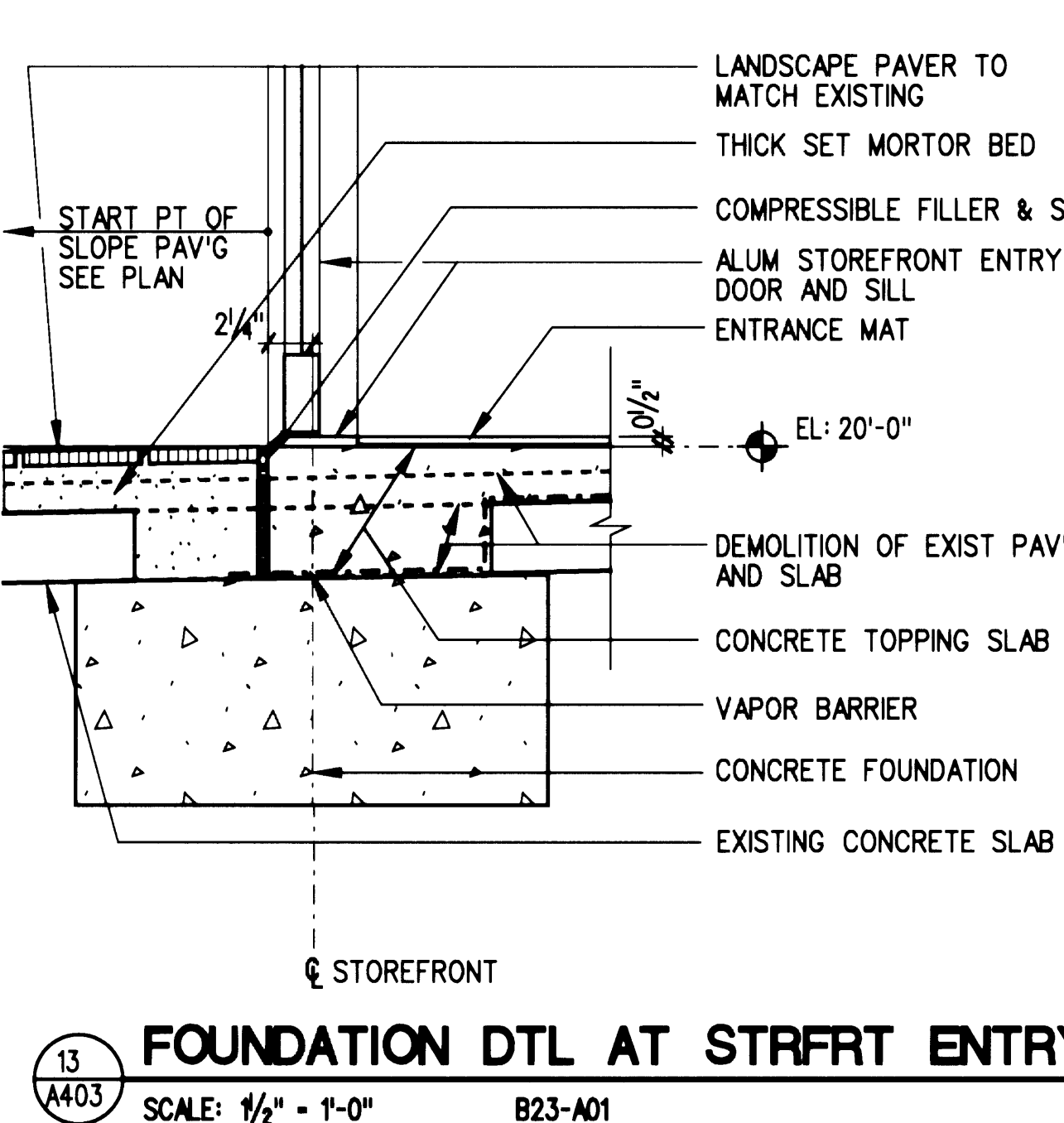
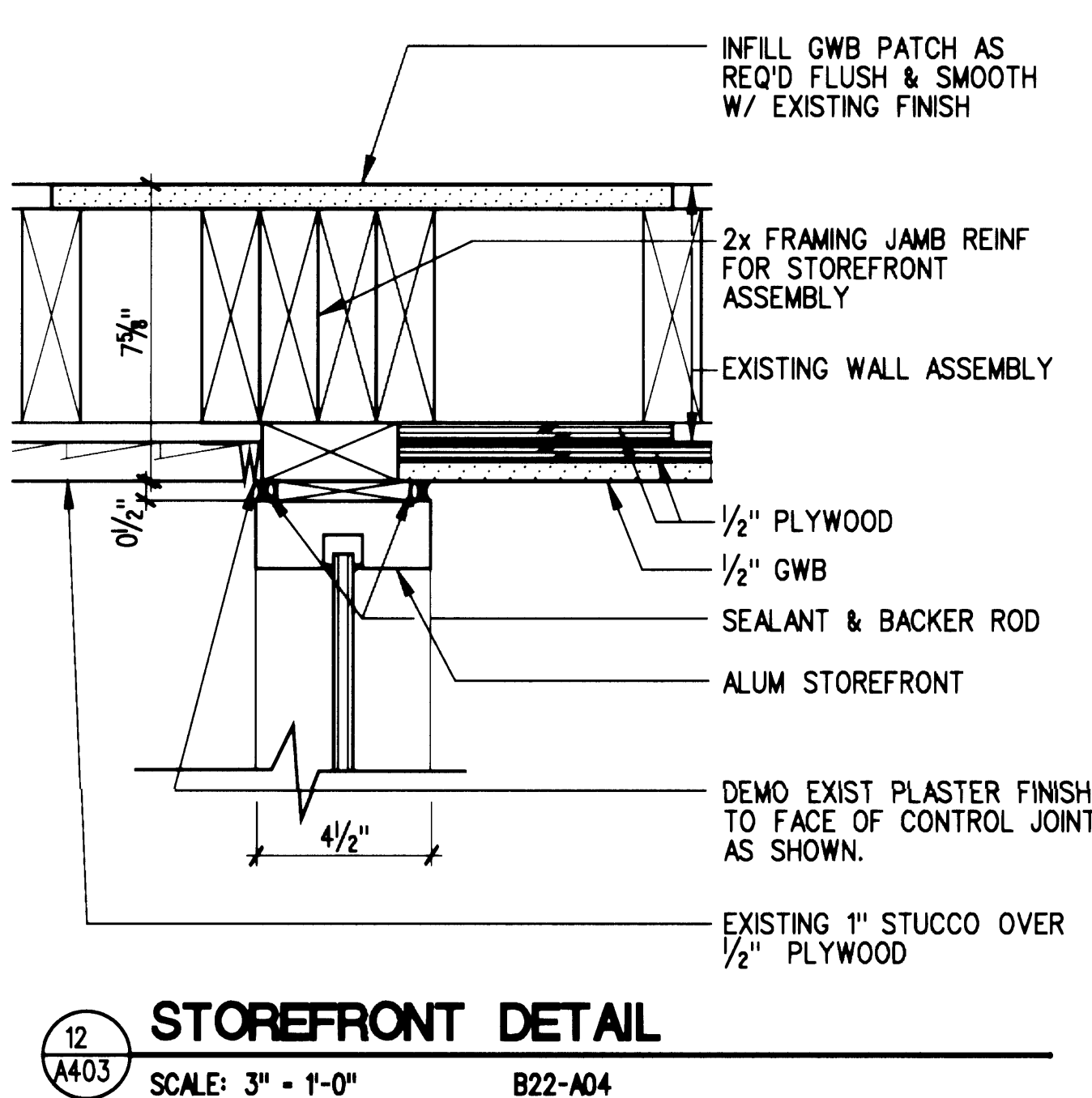
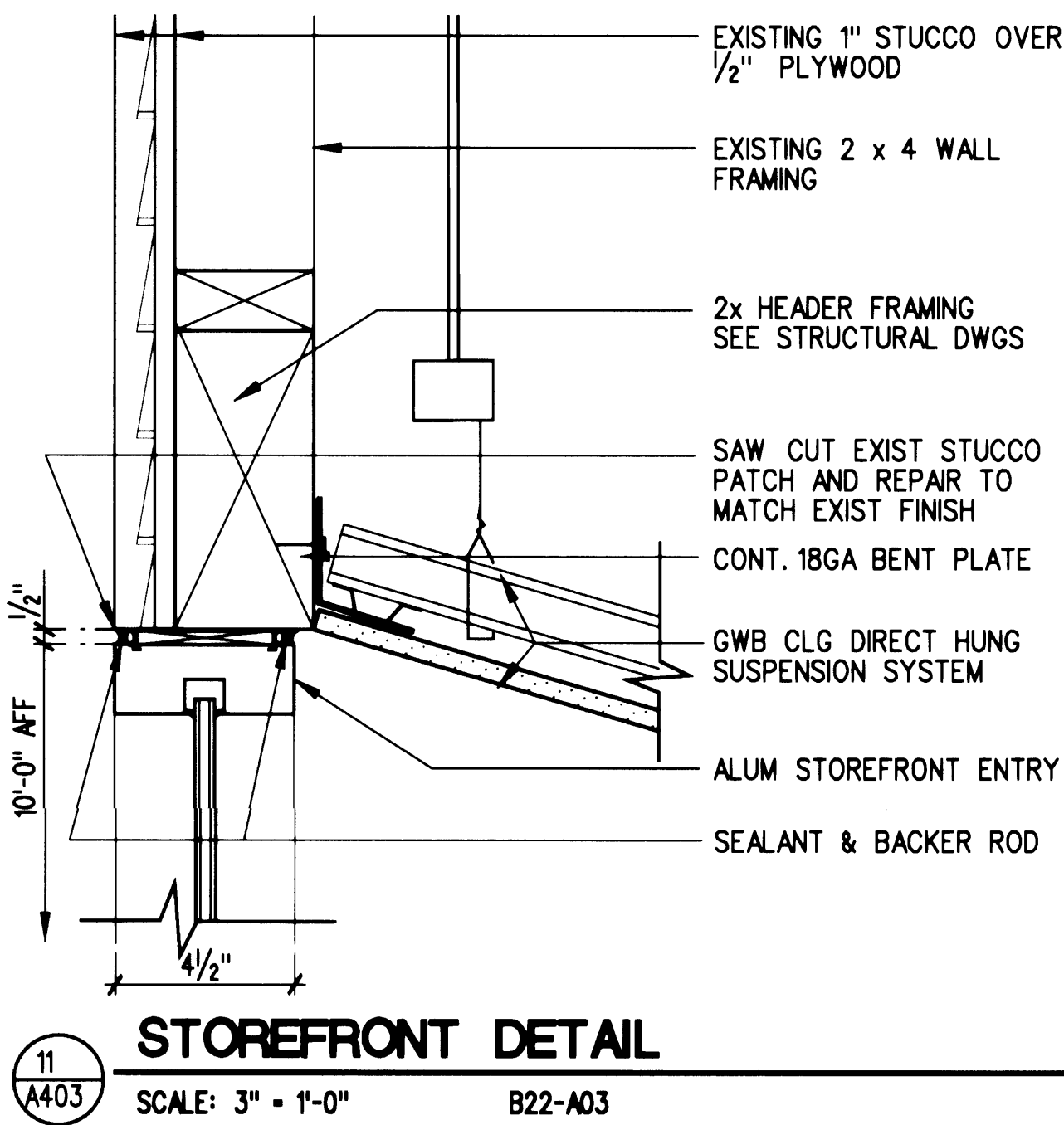
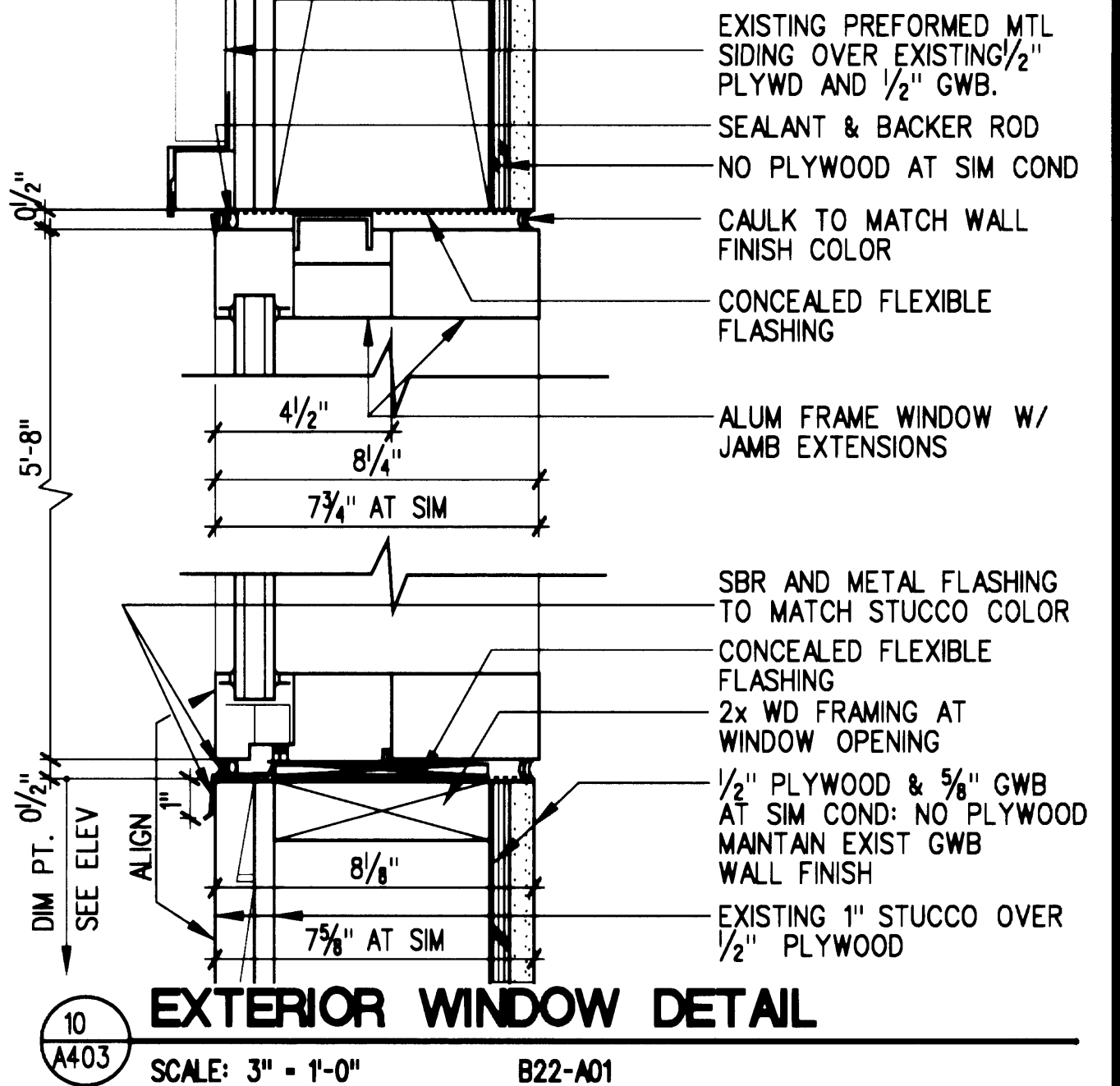
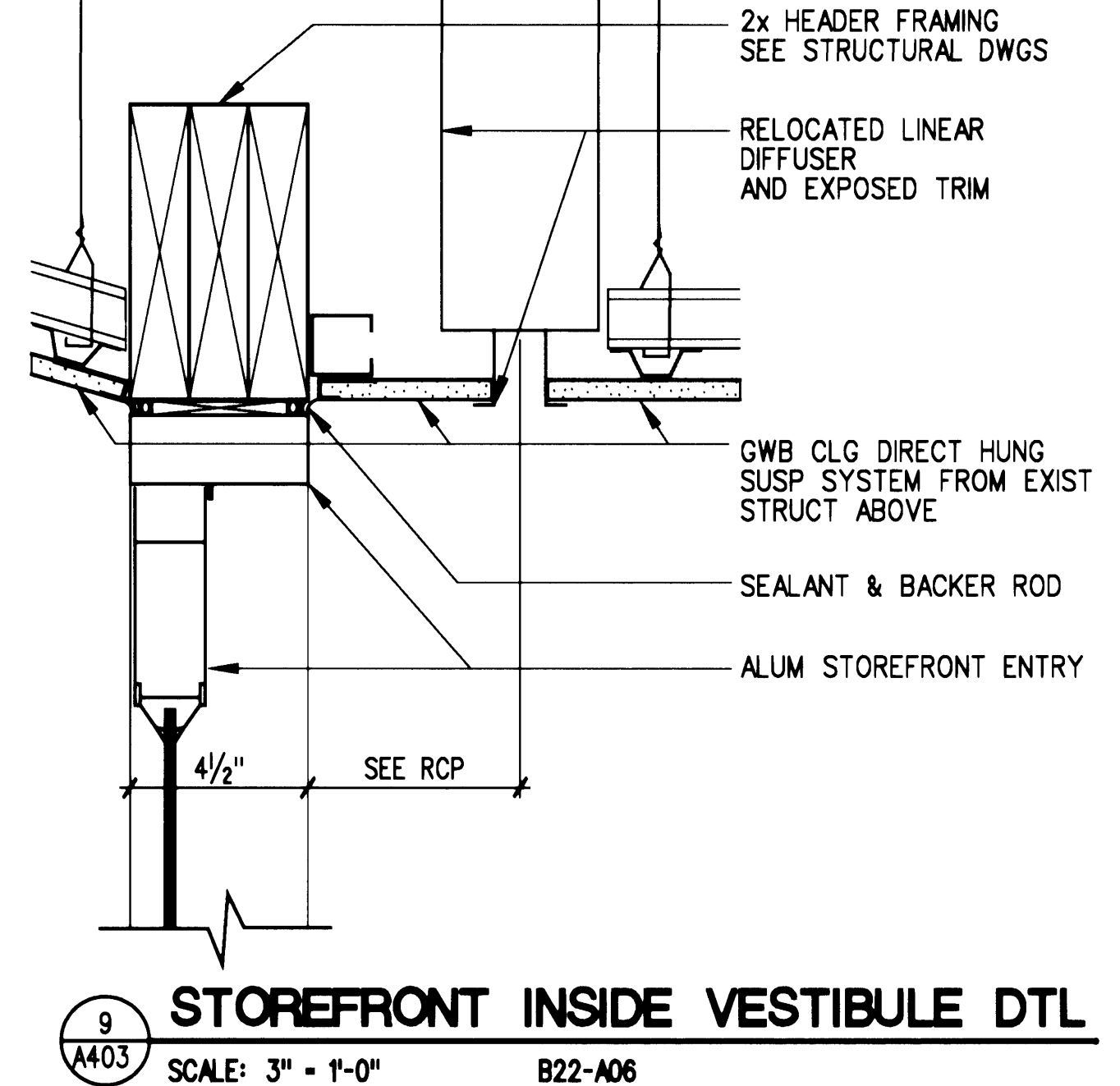
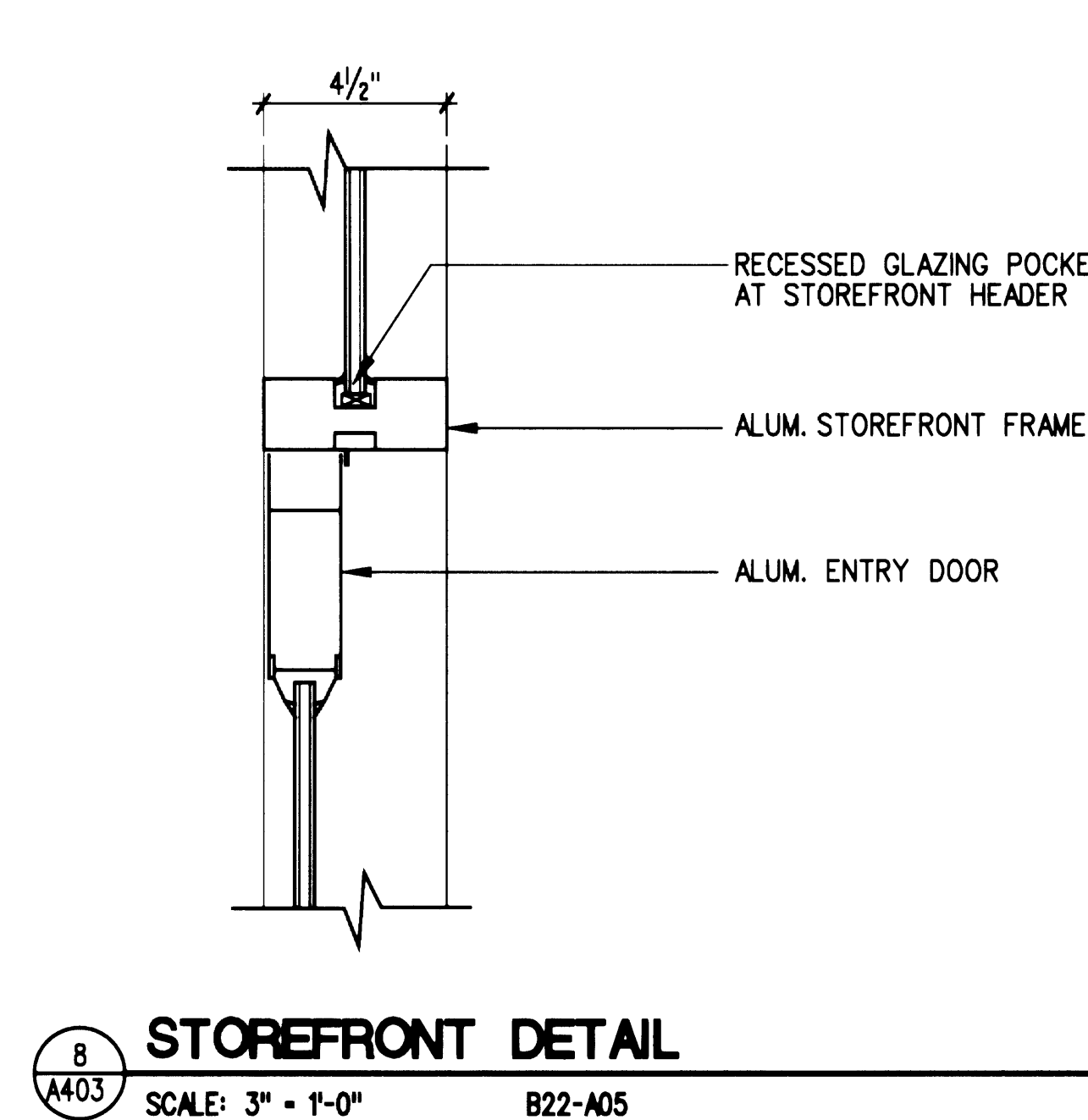
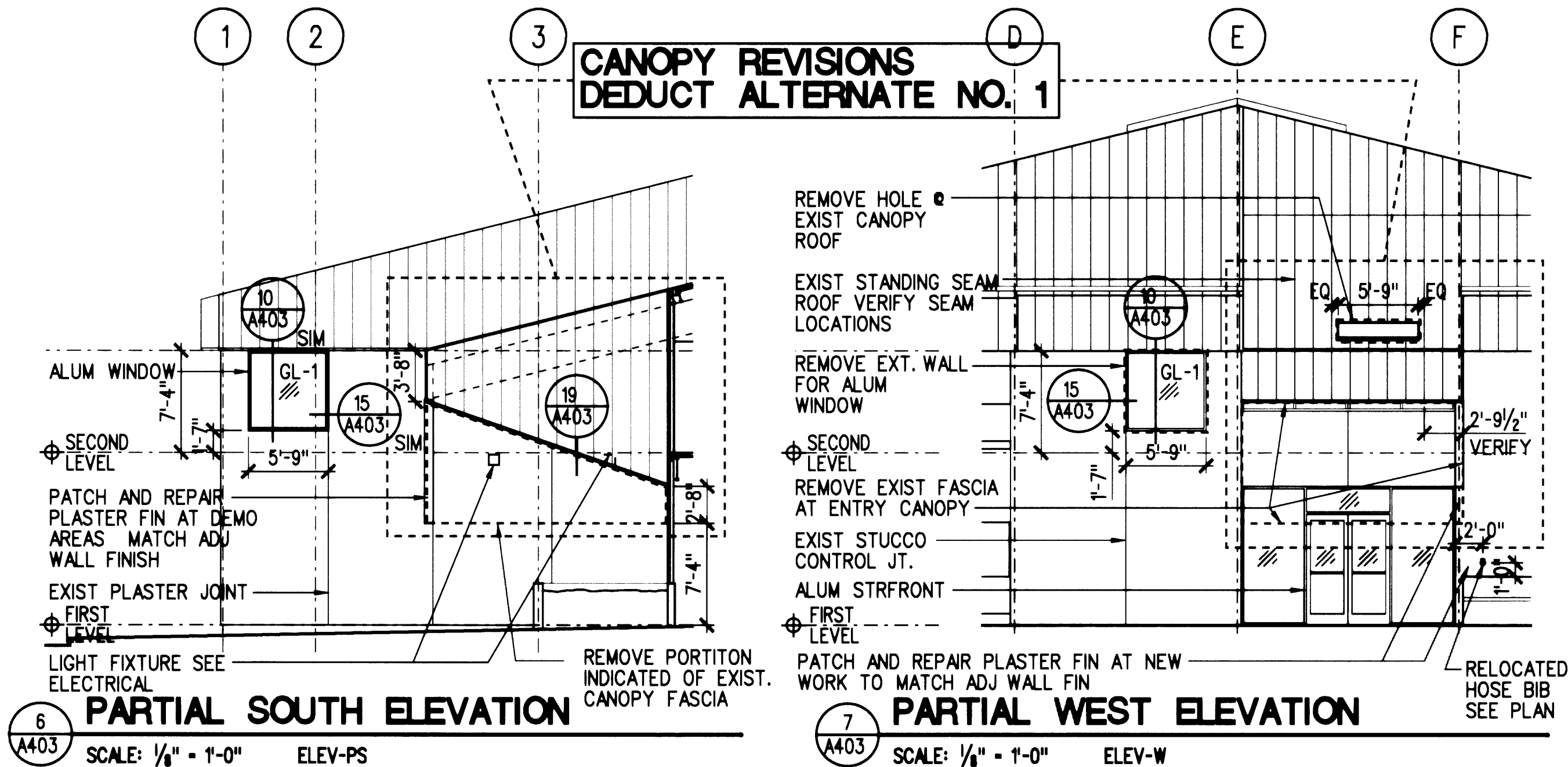
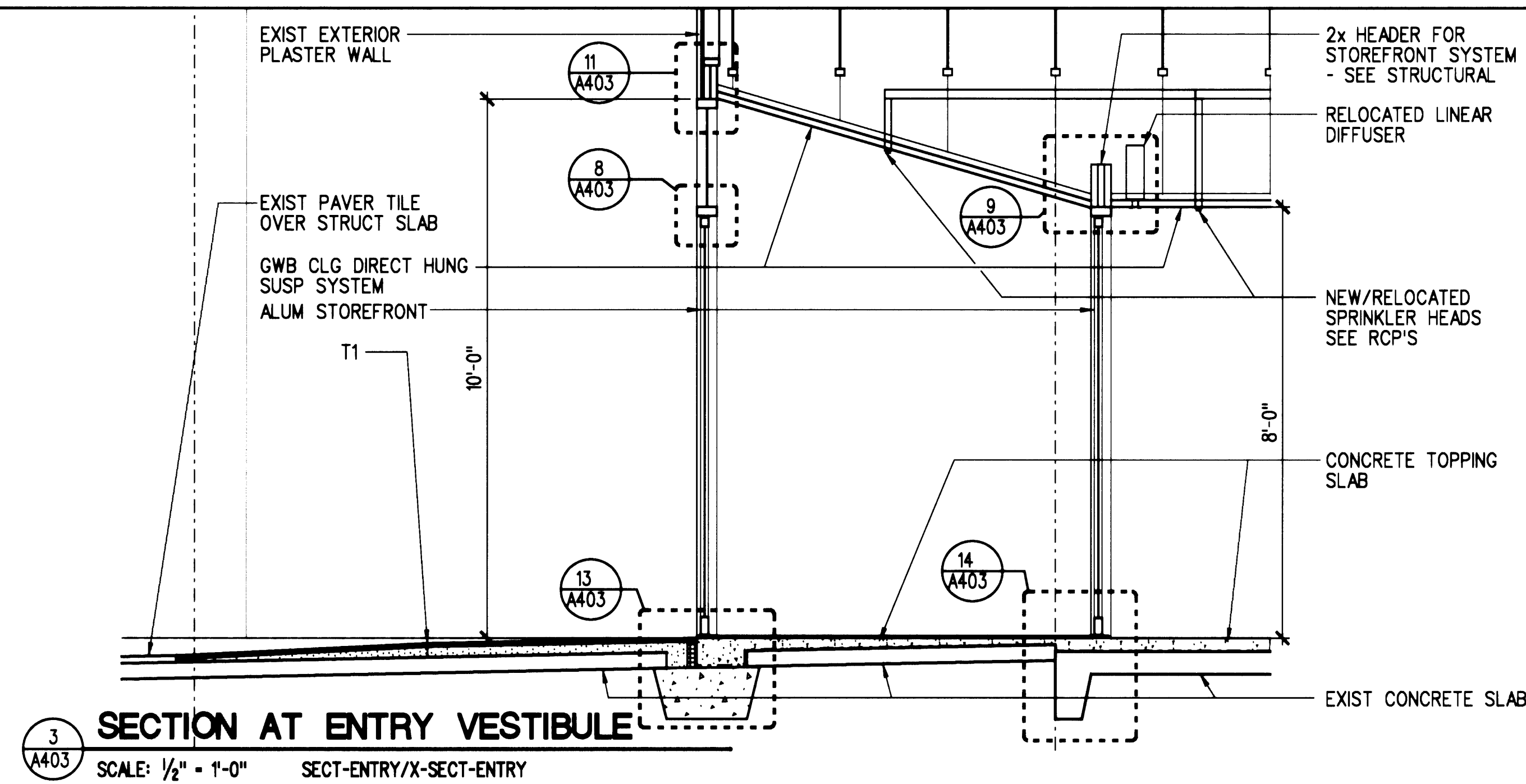
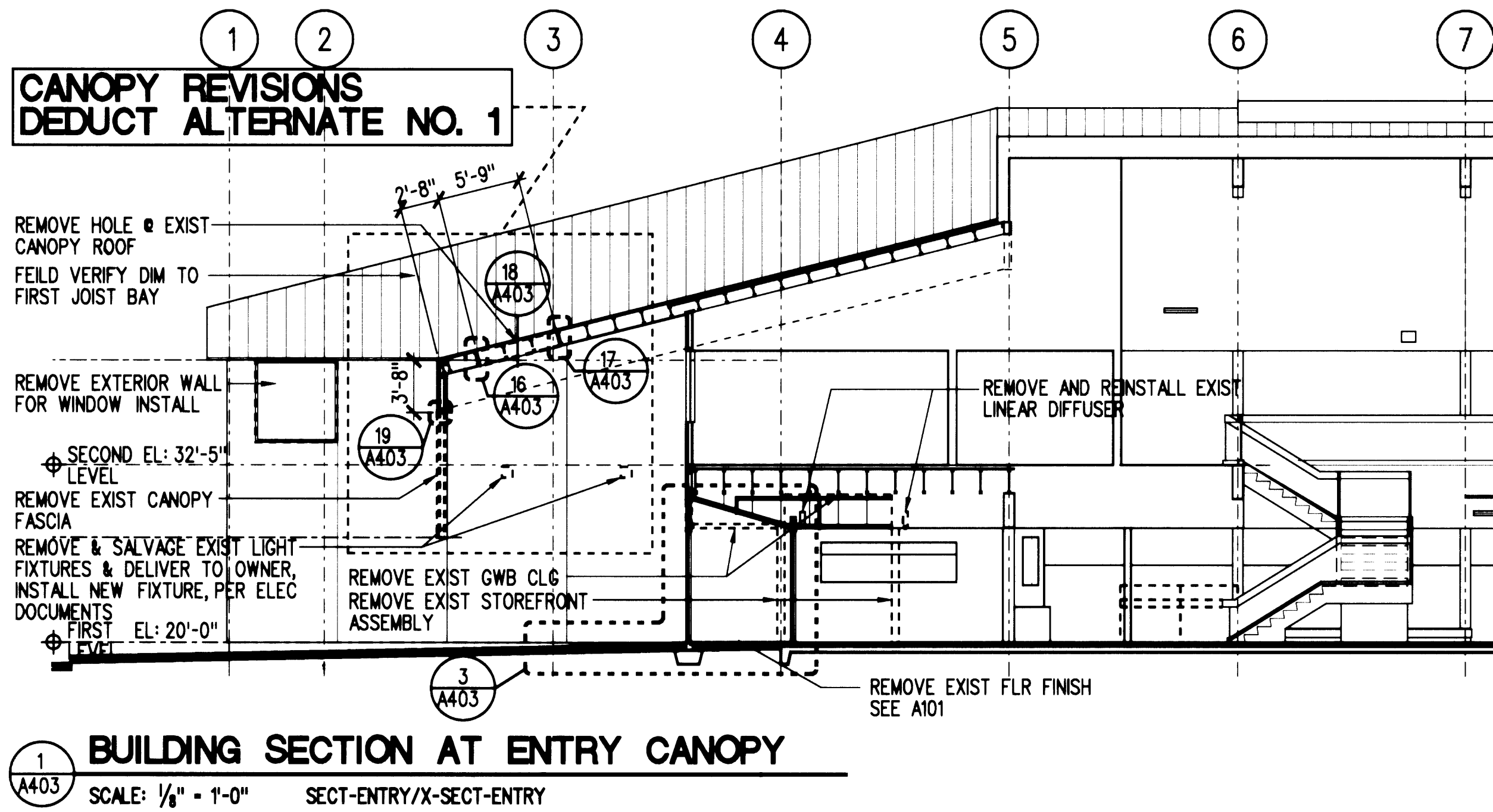


REVISIONS			
NO.	DATE	BY	DESCRIPTION

TITLE
TRANSVERSE
SECTIONS

DESIGNED	CB/LB
DRAWN	EN/BJ/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01

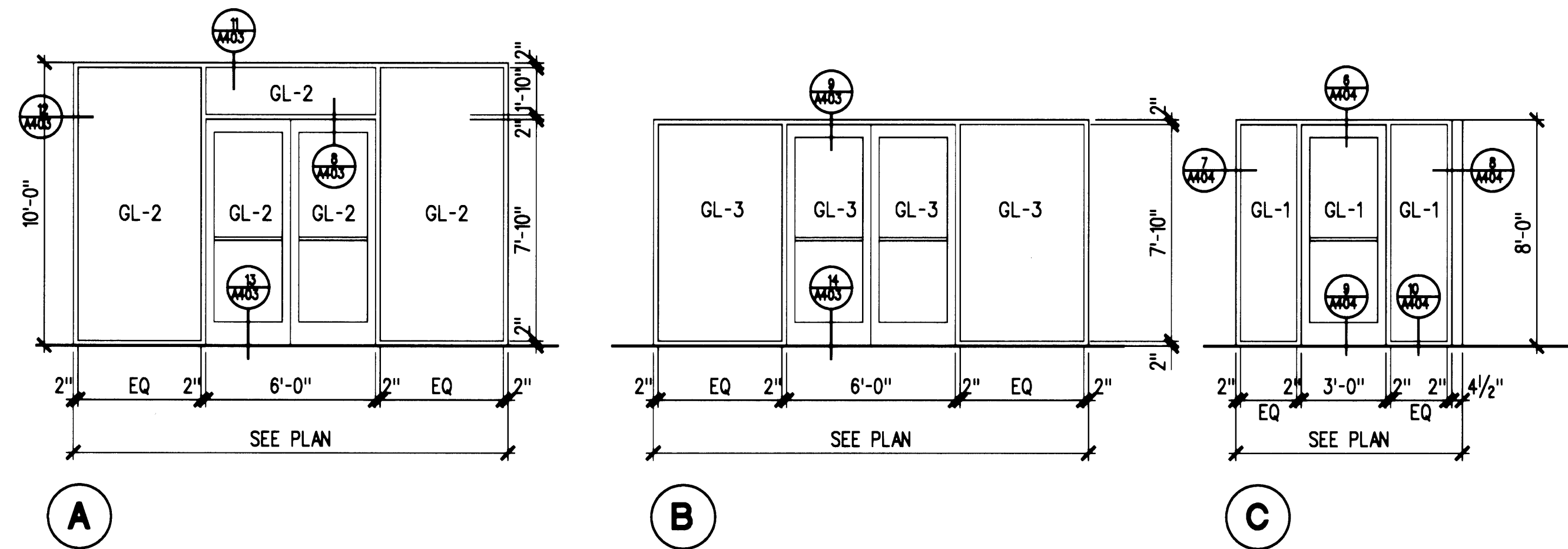
A402



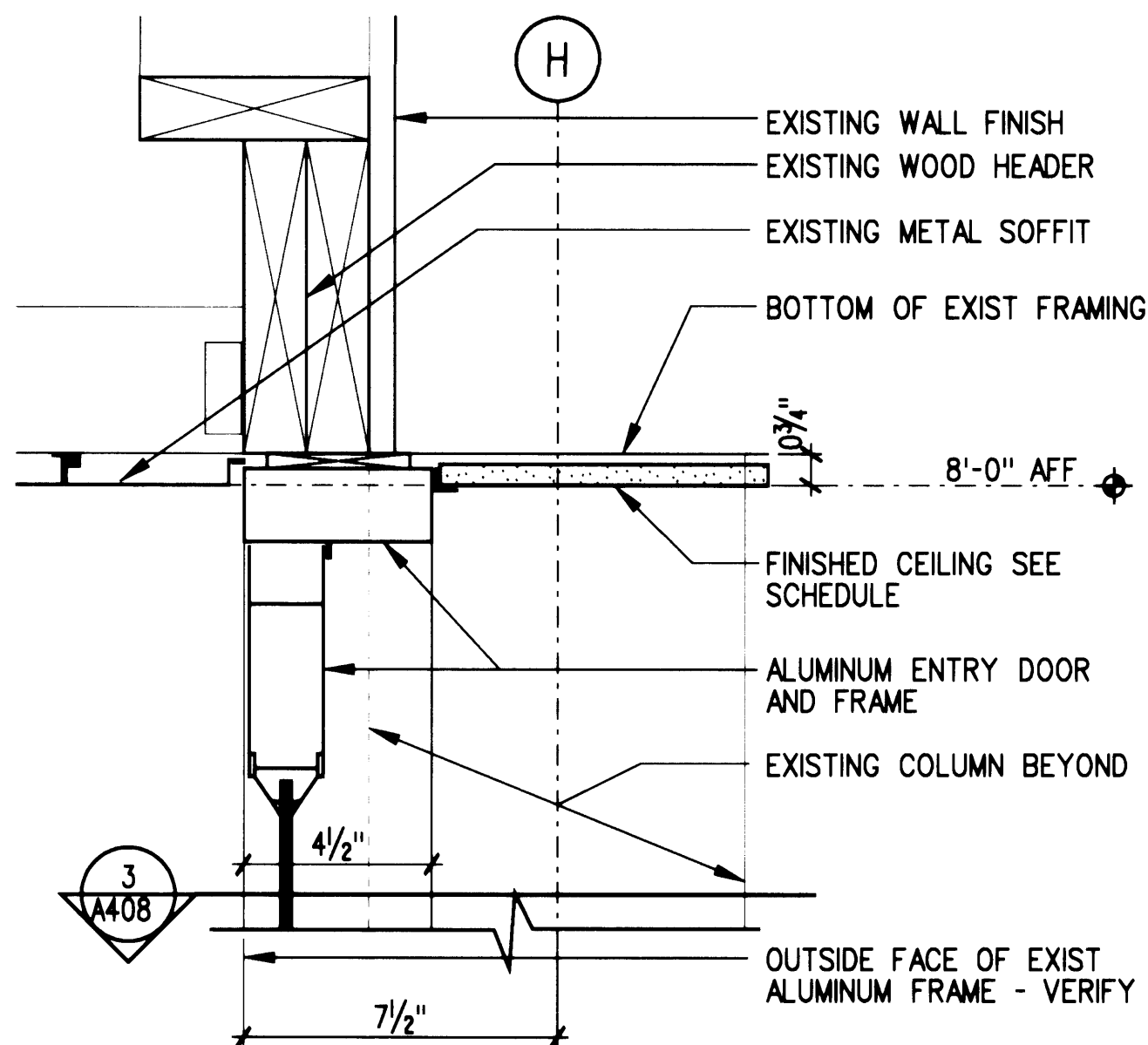
REVISIONS			
NO.	DATE	BY	DESCRIPTION

ENTRY SECTIONS & DETAILS

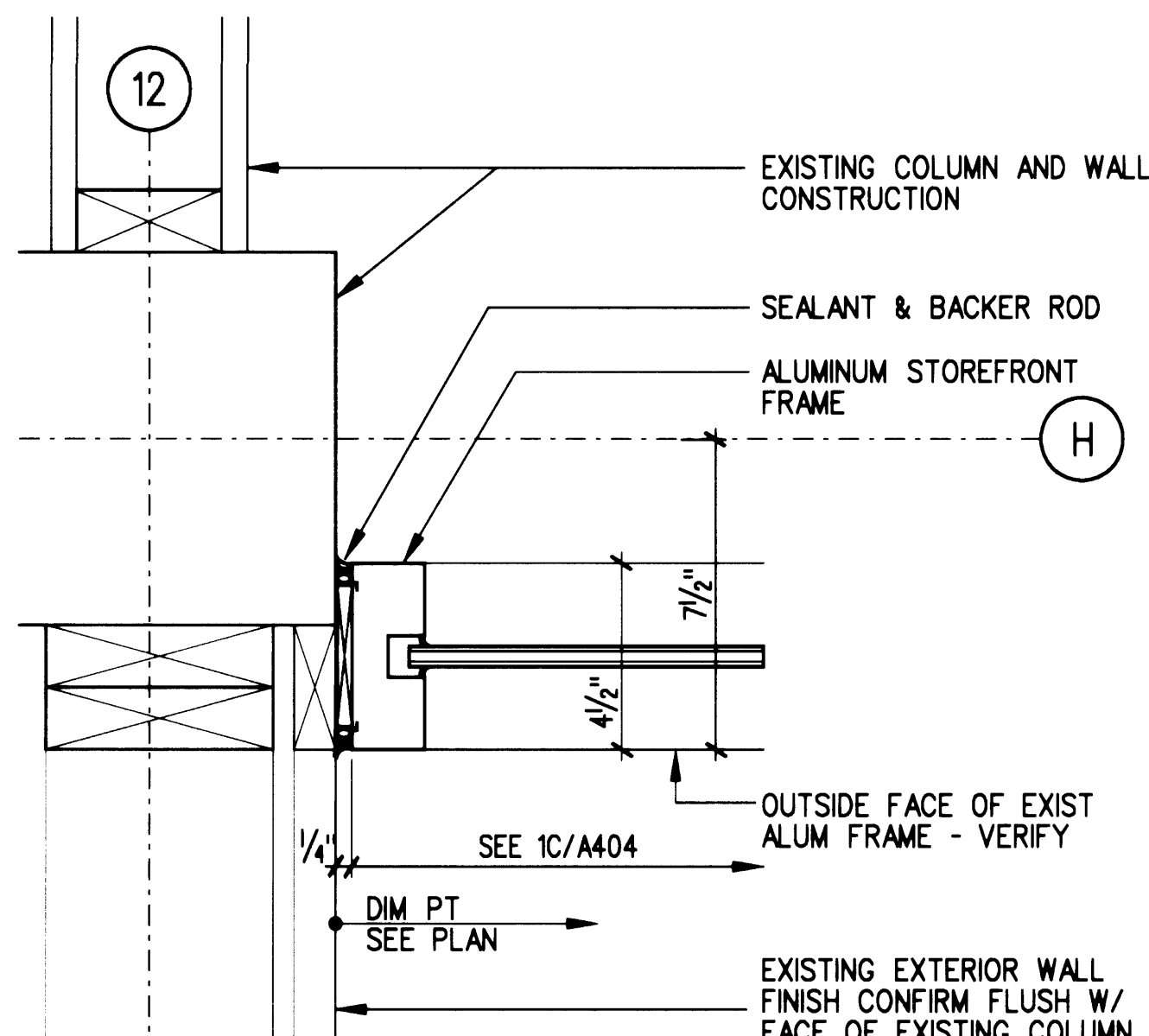
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DRAWN	PB/ZBT/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01



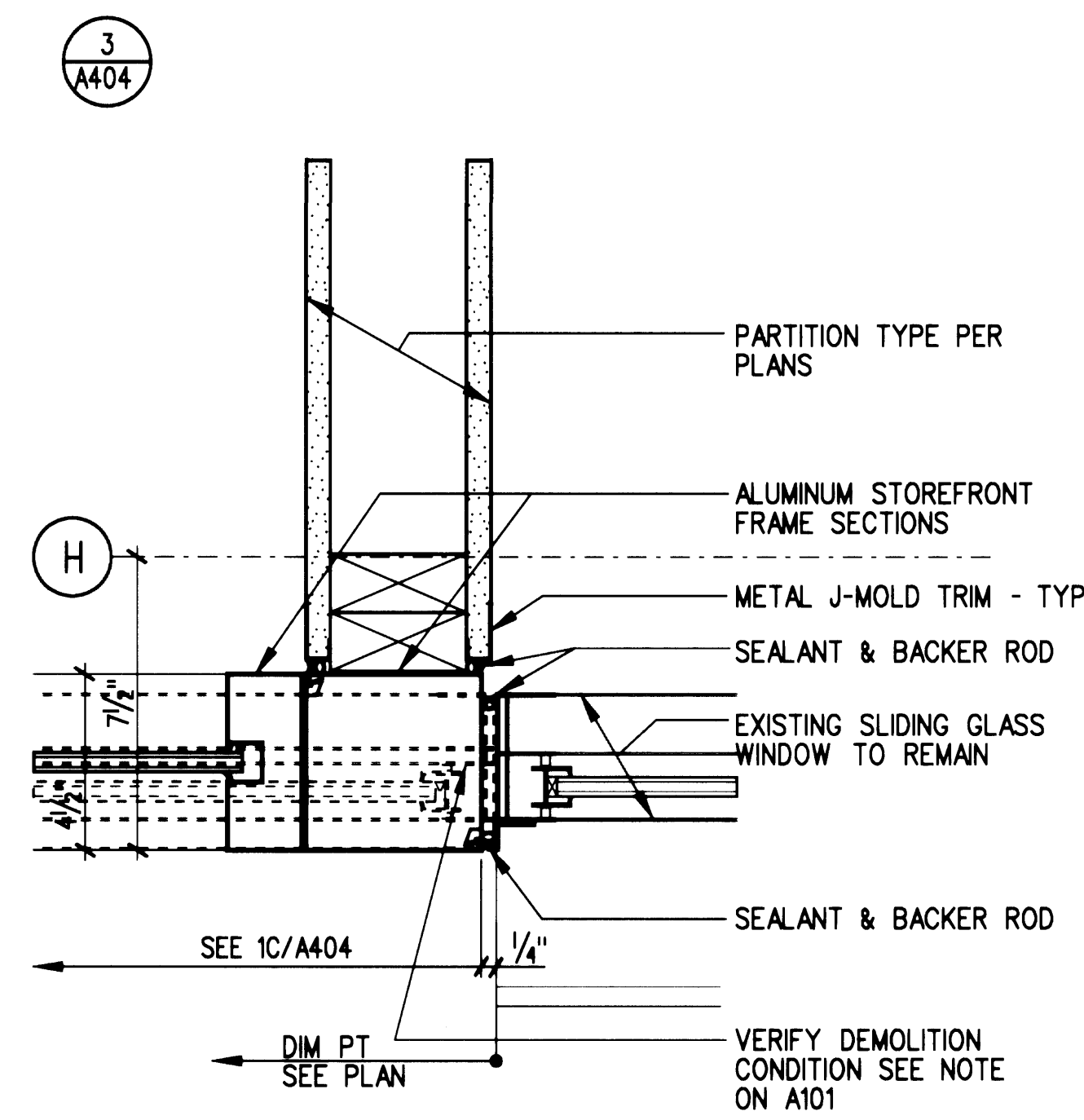
1 ENTRY STOREFRONT ELEVATIONS
A404 SCALE: 1/4" = 1'-0"



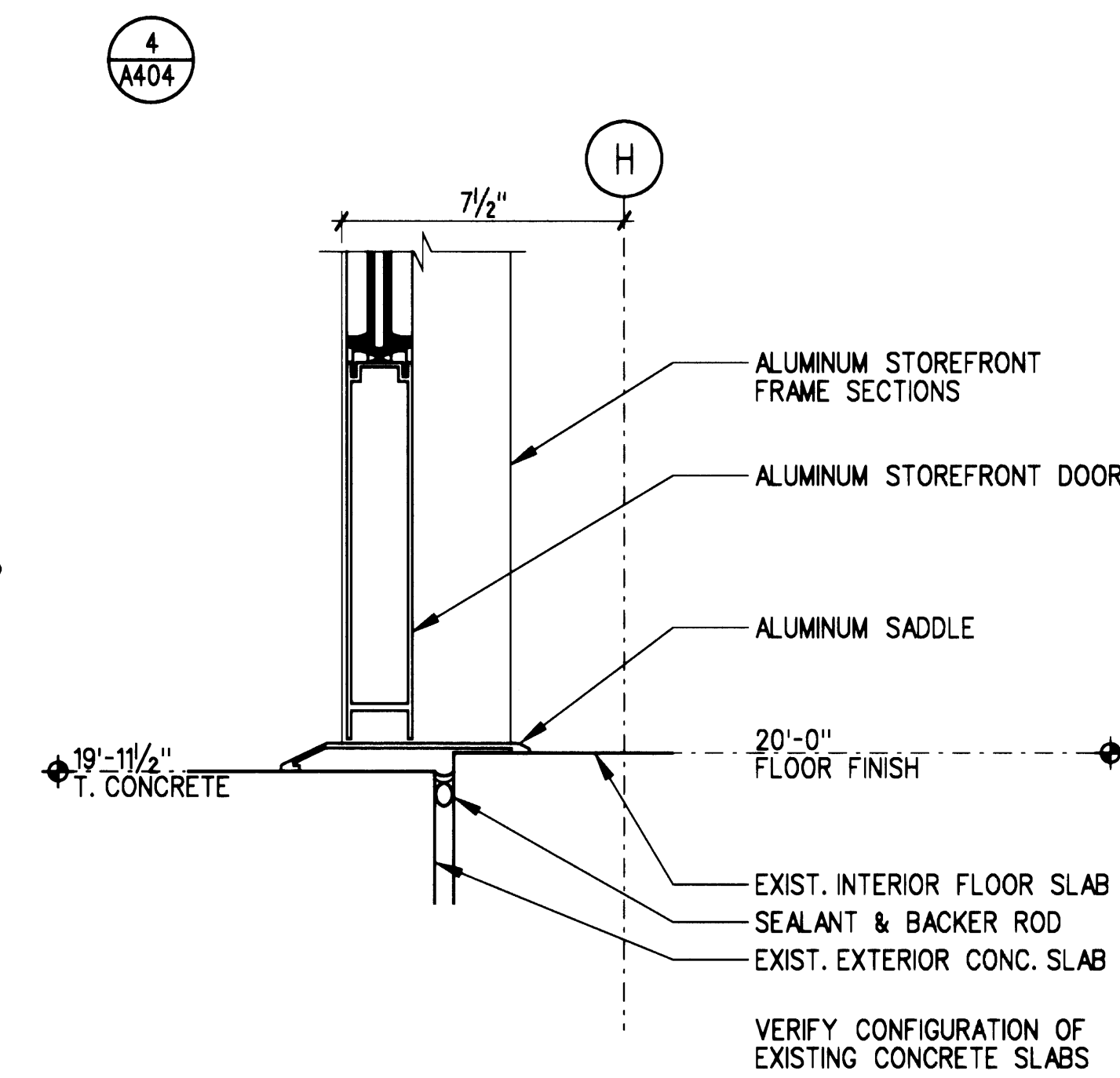
6 STOREFRONT DETAILS
A404 SCALE: 3" = 1'-0" B23-A03



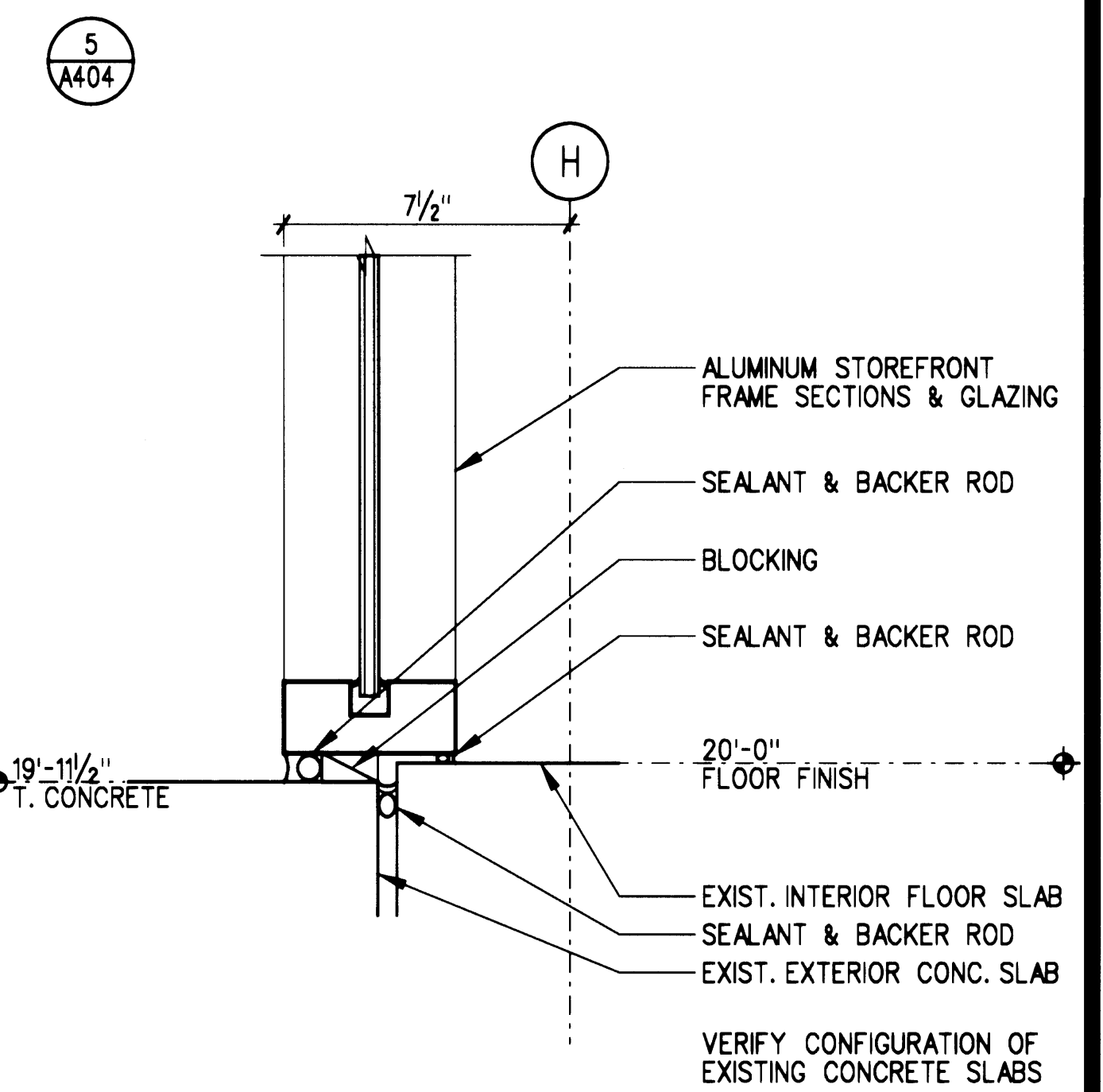
7 STOREFRONT DETAILS - JAMB
A404 SCALE: 3" = 1'-0" B23-A04



8 STOREFRONT DETAILS - JAMB
A404 SCALE: 3" = 1'-0" B23-A05



9 STOREFRONT DETAILS - DOOR SILL
A404 SCALE: 3" = 1'-0" B23-A06



10 STOREFRONT DETAILS - SILL
A404 SCALE: 3" = 1'-0" B23-A06

11
A404

12
A404

13
A404

14
A404

15
A404

16
A404

17
A404

18
A404

19
A404

20
A404

Approved
[Signature] Date 3-5-2002
Senior Director of Facilities Development

IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23

REGISTERED
ARCHITECT
[Signature]
STATE OF WASHINGTON

REVISIONS			
NO	DATE	BY	DESCRIPTION

TITLE
EXTERIOR
DETAILS

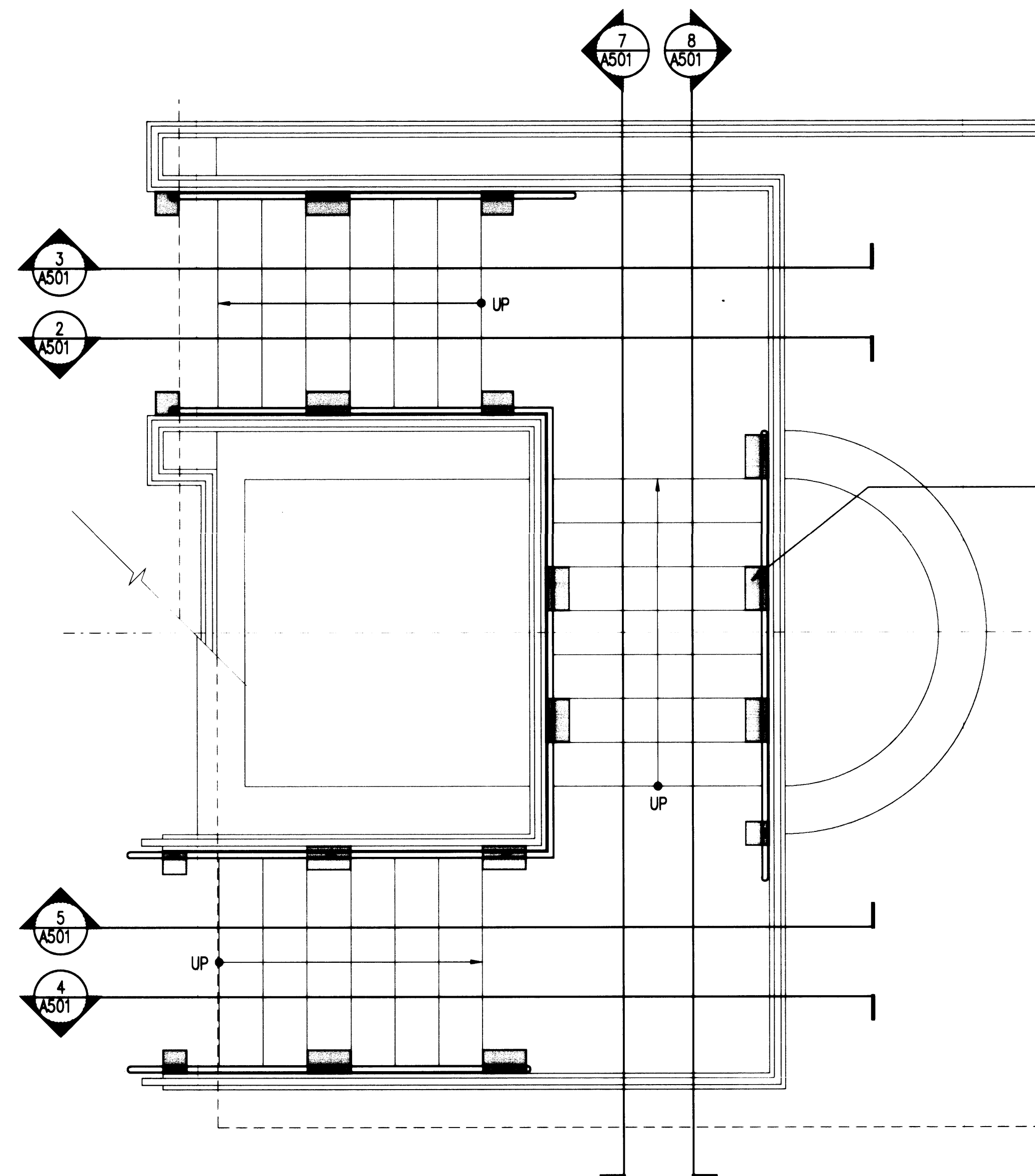
DESIGNED CB/LB
DRAWN CBZBT/BR
CHECKED CB
DATE MARCH 4, 2002
CADD FILE
JOB NUMBER 99078-01

A404

REVISIONS			
NO.	DATE	BY	DESCRIPTION

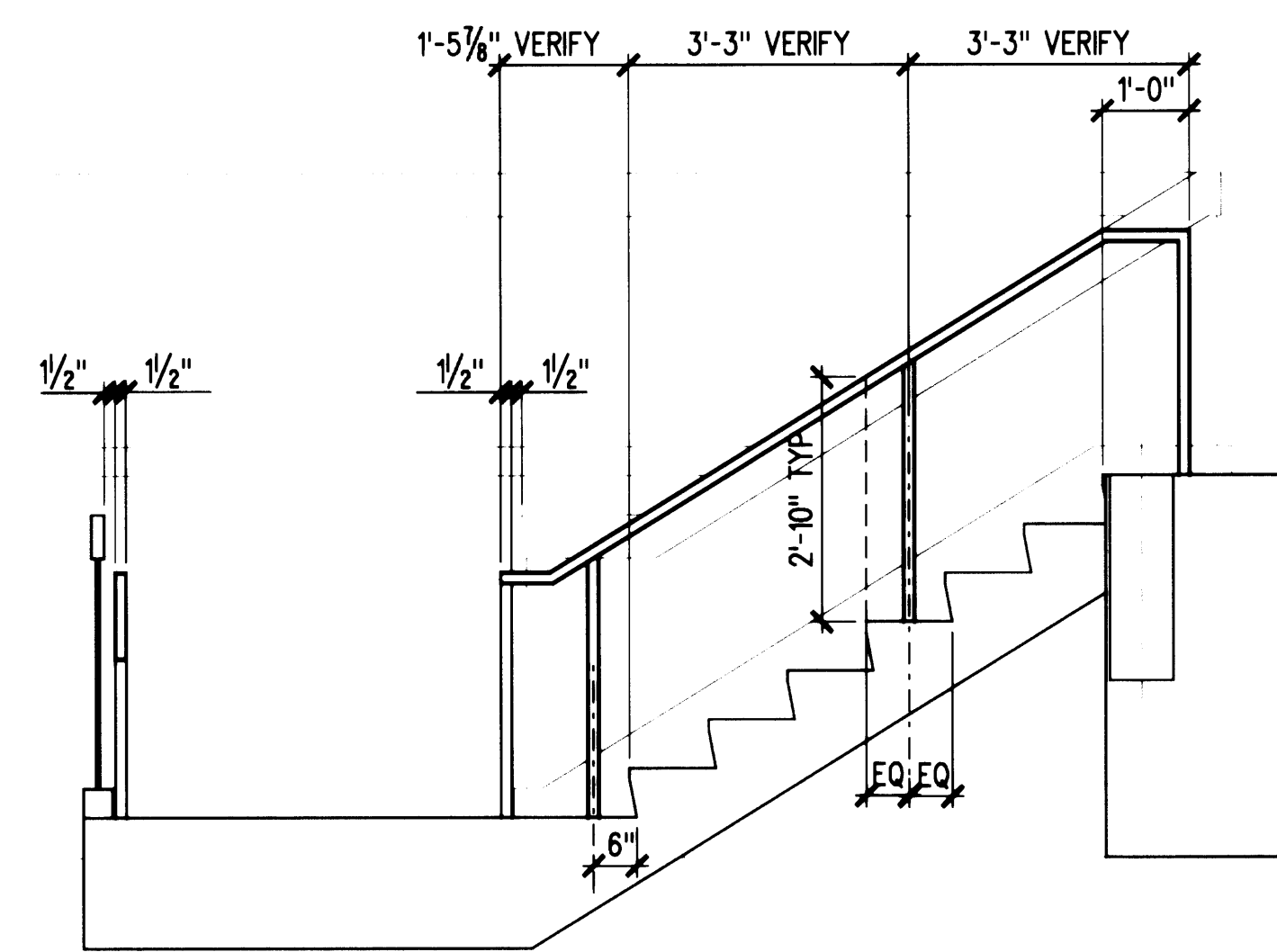
TITLE
STAIR SECTIONS/
DETAILS

DESIGNED	CB/LB
DRAWN	EN/ST/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01

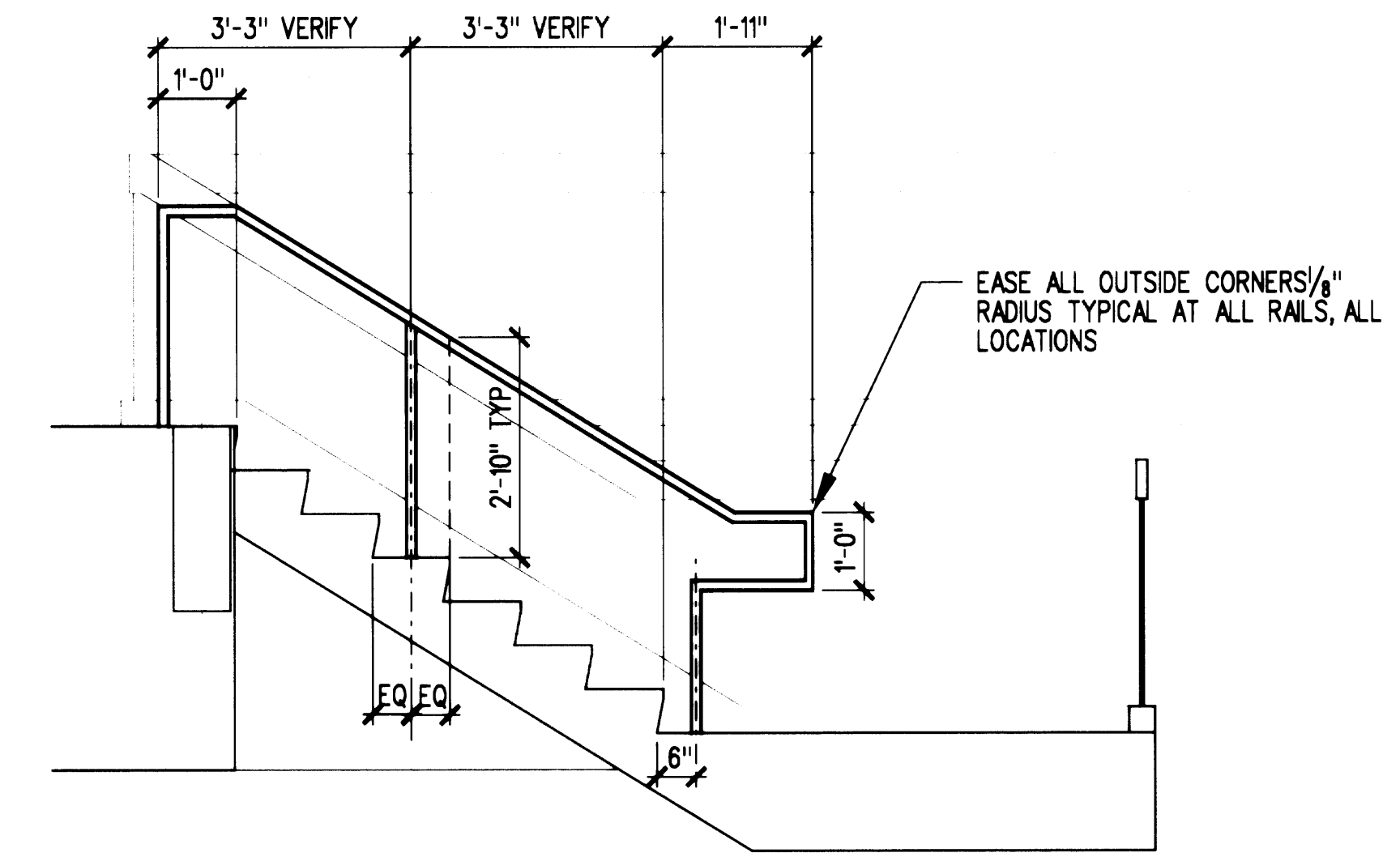


1 ENLARGED PLAN - STAIR 1
A501 SCALE: 1/2" = 1'-0"
STAR #2,
ROTATED 180 DEG.

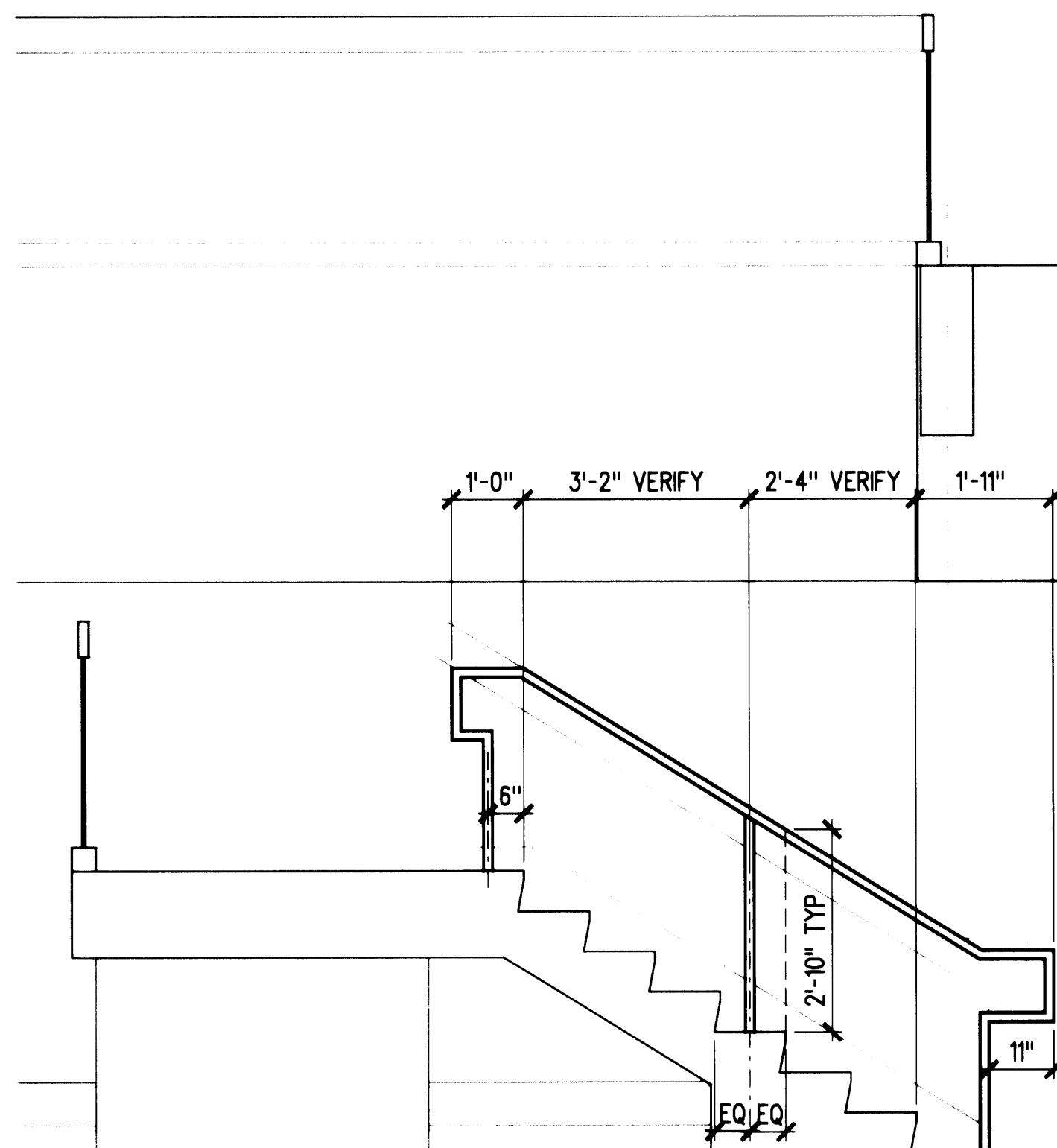
LOCATIONS OF DEMOLITION
RELATED TO THE INSTALLATION
OF HANDRAIL BASE CONNECTION, TYP.
SEE 6/A501



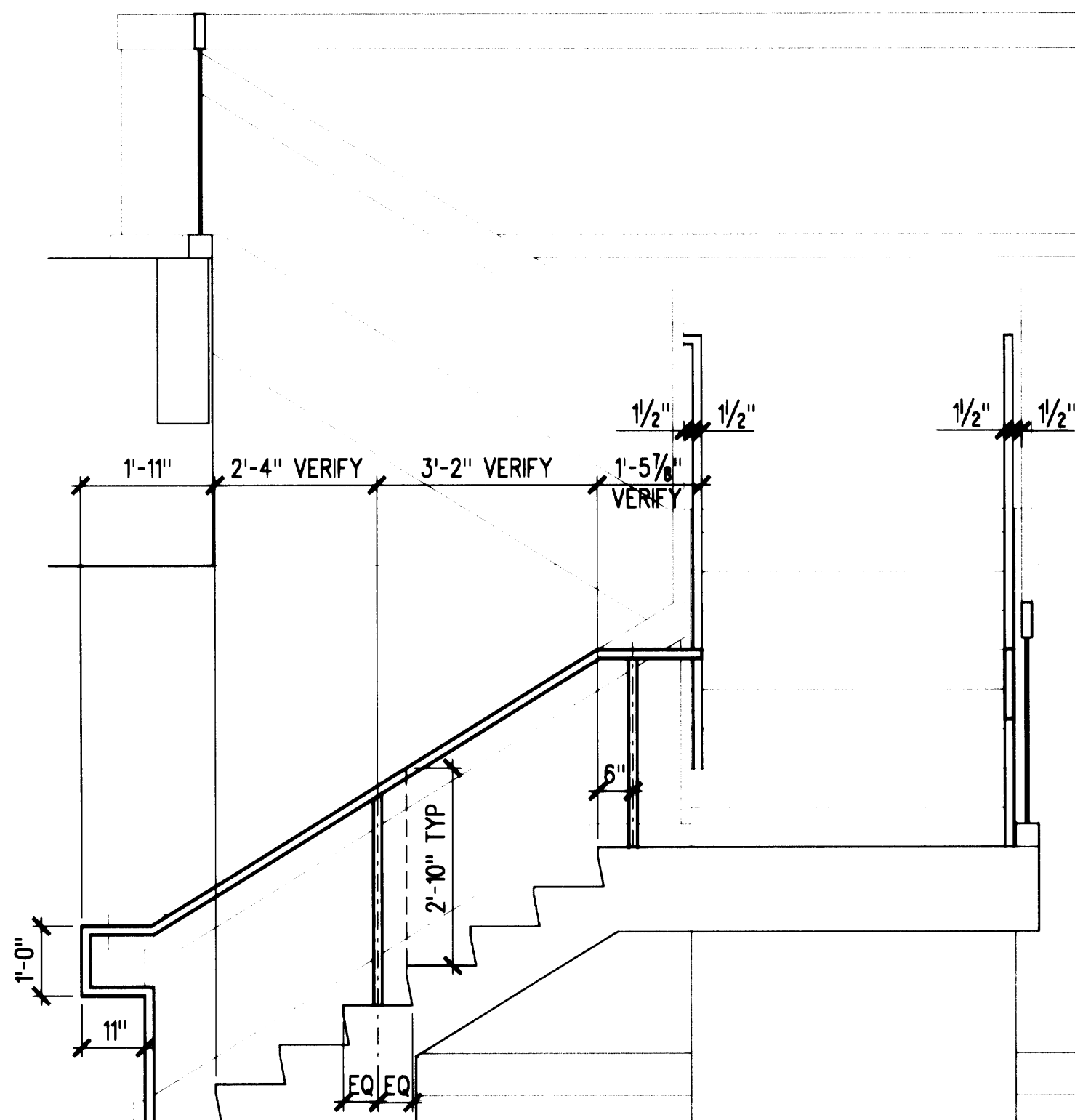
2 TOP INNER HANDRAIL
A501 SCALE: 1/2" = 1'-0"



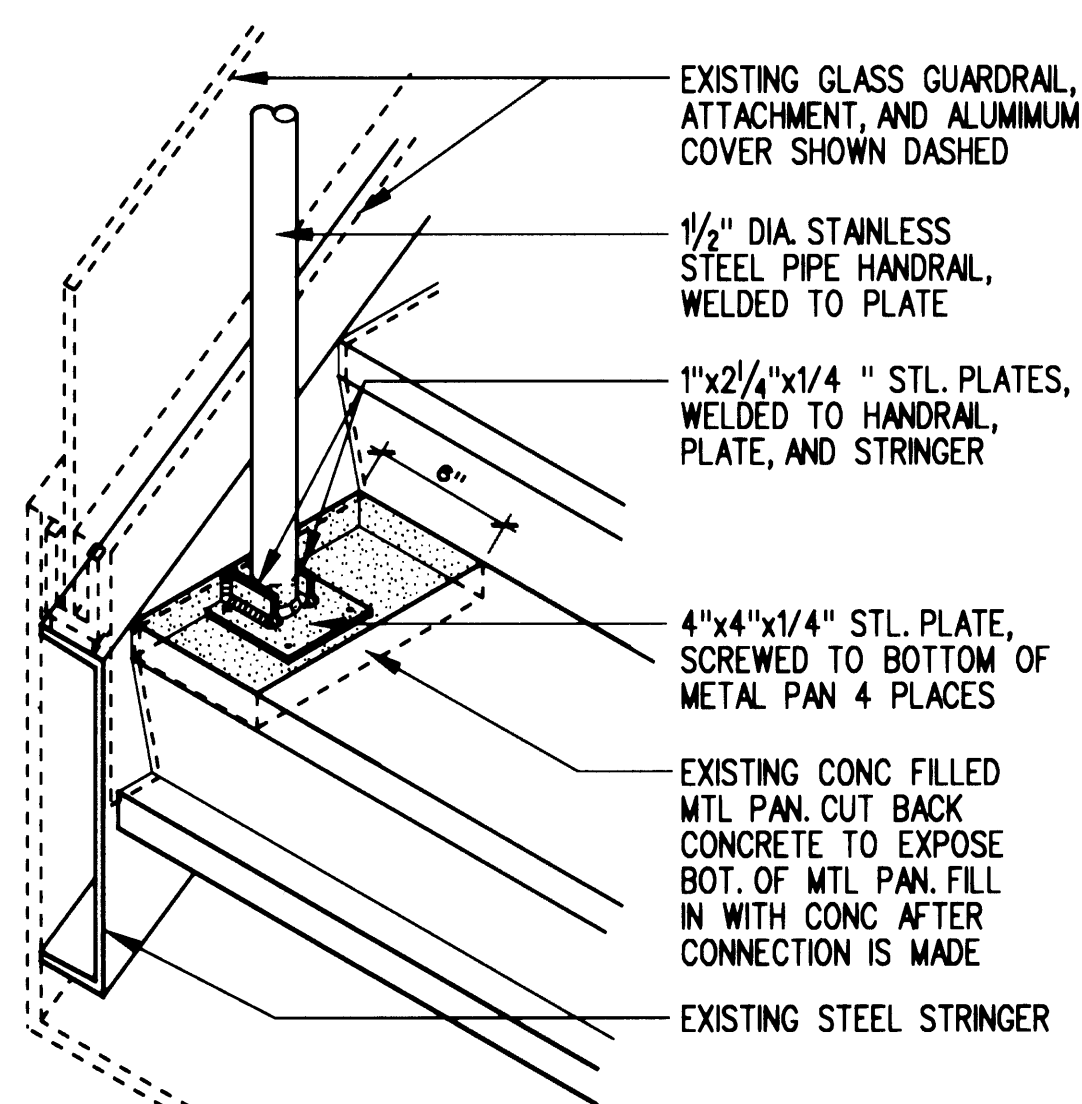
3 TOP OUTER HANDRAIL
A501 SCALE: 1/2" = 1'-0"



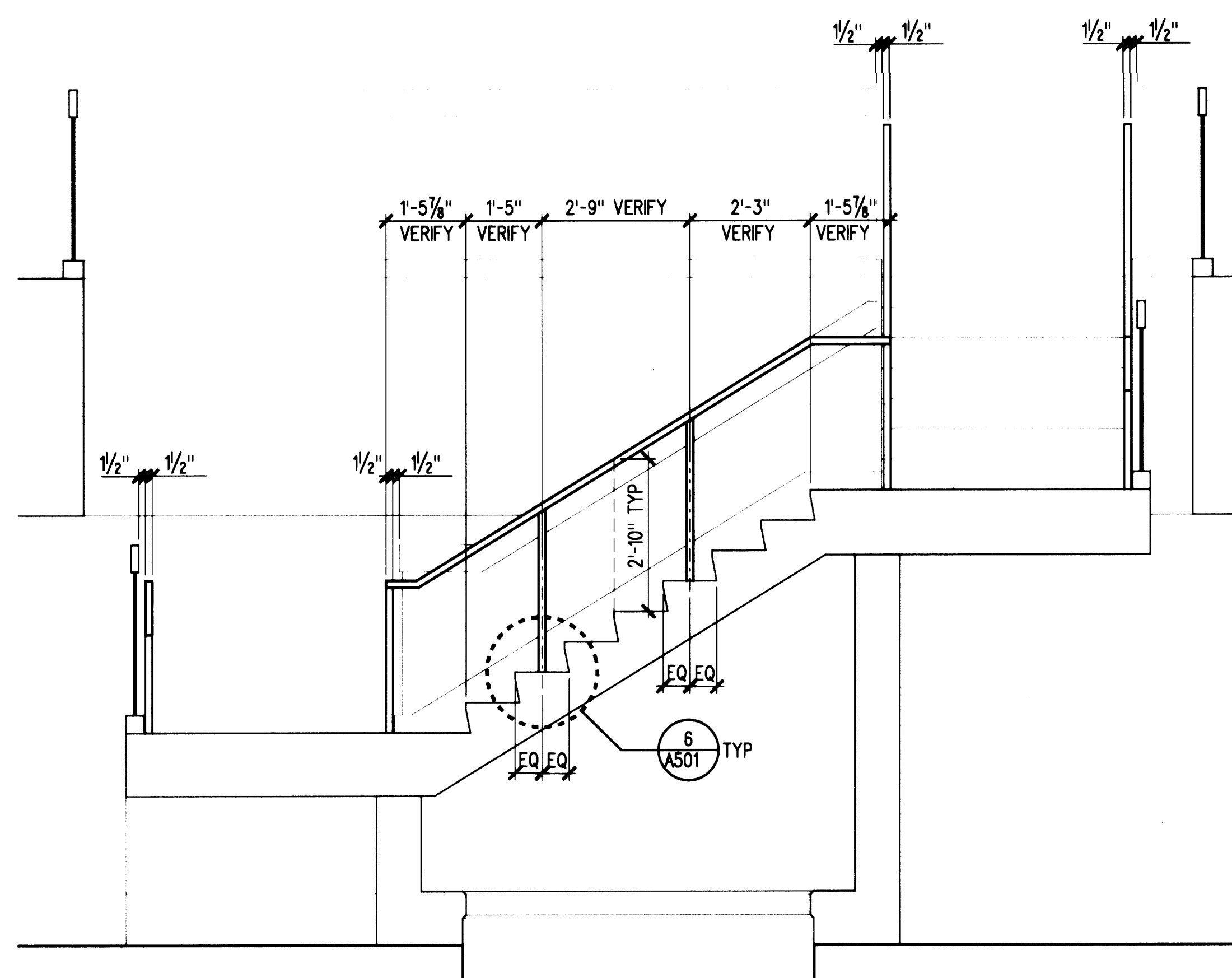
4 BOTTOM OUTER HANDRAIL
A501 SCALE: 1/2" = 1'-0"



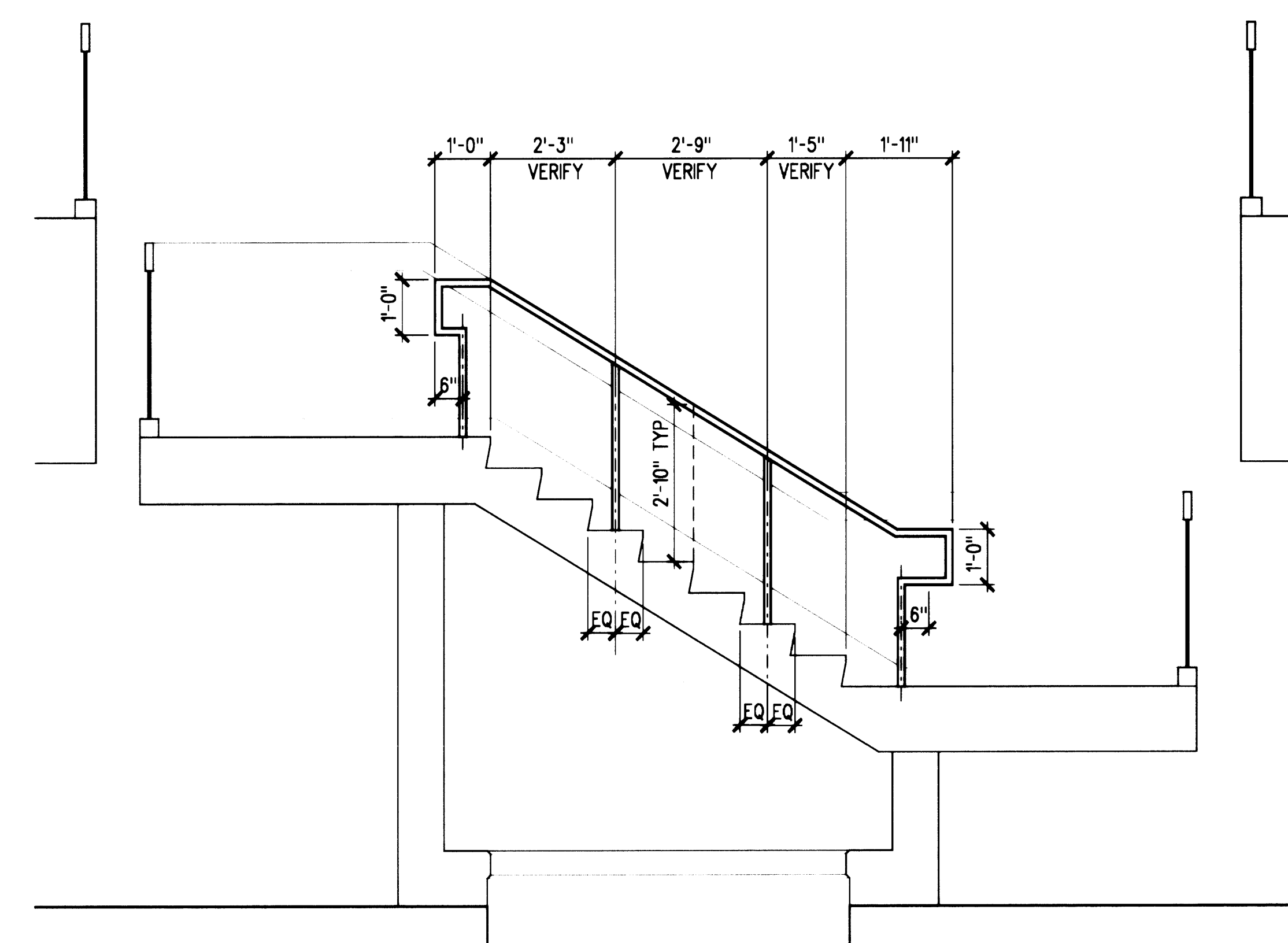
5 BOTTOM INNER HANDRAIL
A501 SCALE: 1/2" = 1'-0"



6 HANDRAIL BASE CONNECTION
A501 SCALE: N.T.S. C21-G01



7 MIDDLE INNER HANDRAIL
A501 SCALE: 1/2" = 1'-0"

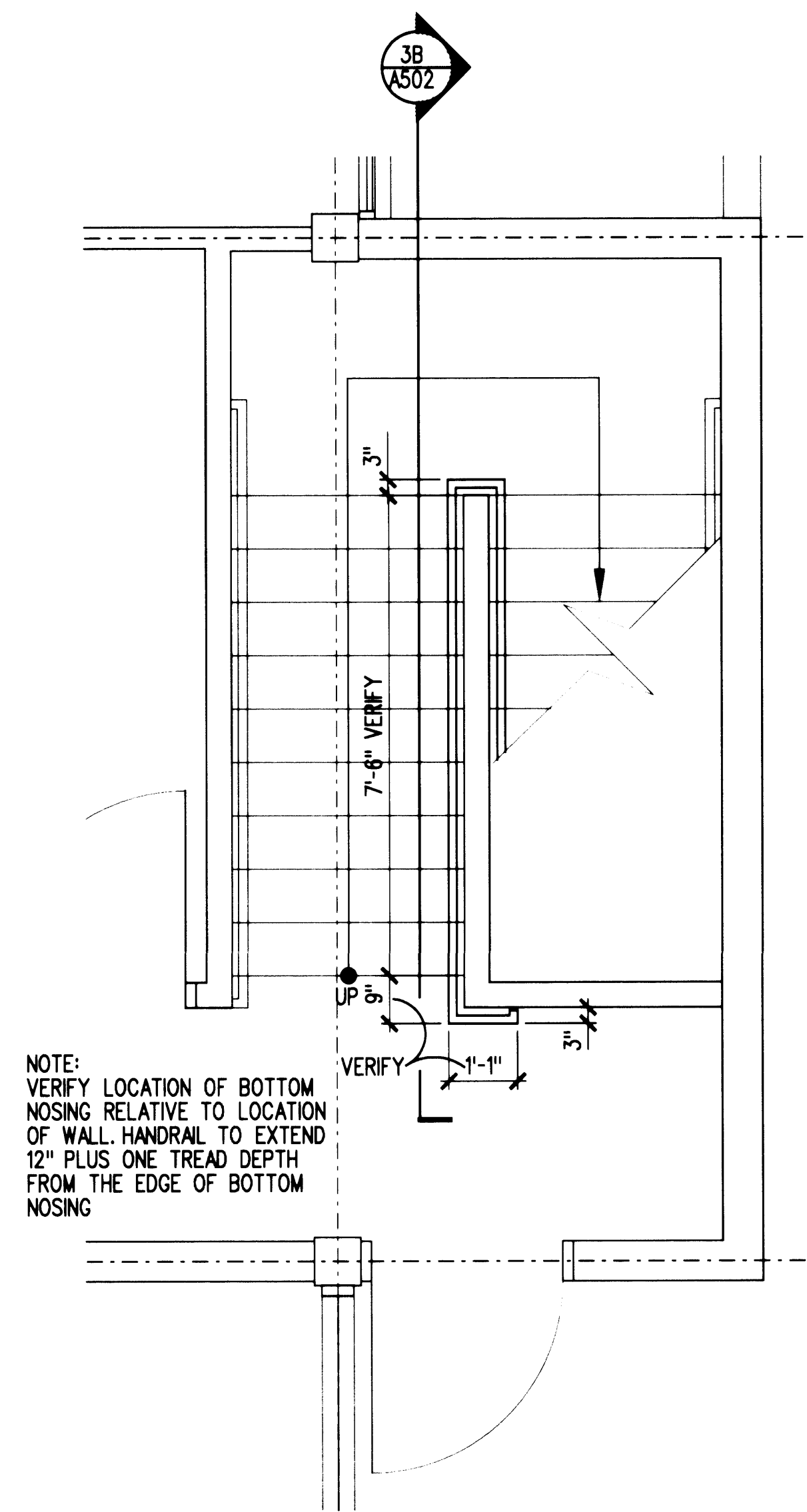


8 MIDDLE OUTER HANDRAIL
A501 SCALE: 1/2" = 1'-0"

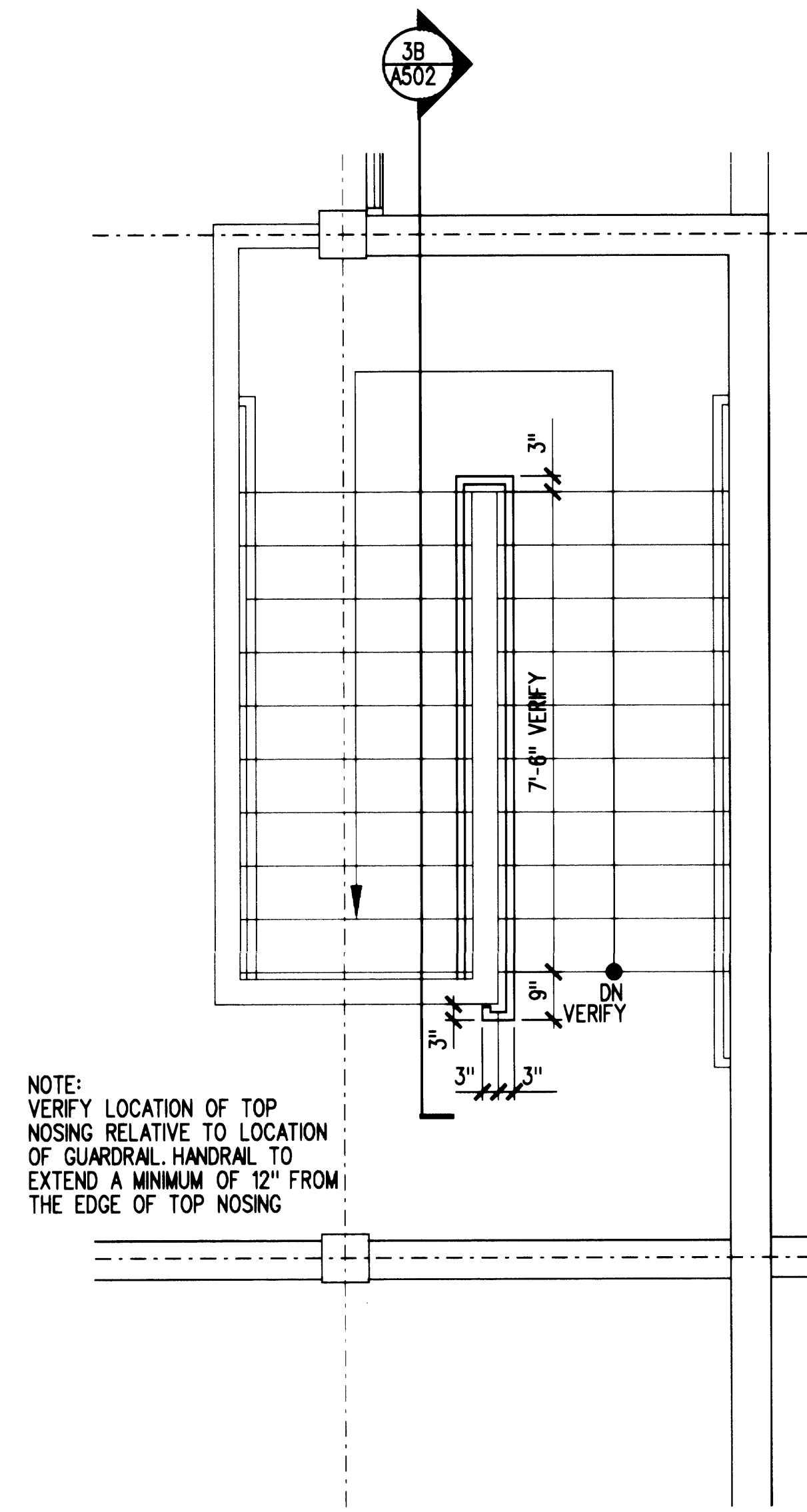
REVISIONS			
NO	DATE	BY	DESCRIPTION

TITLE
**STAIR SECTIONS/
DETAILS**

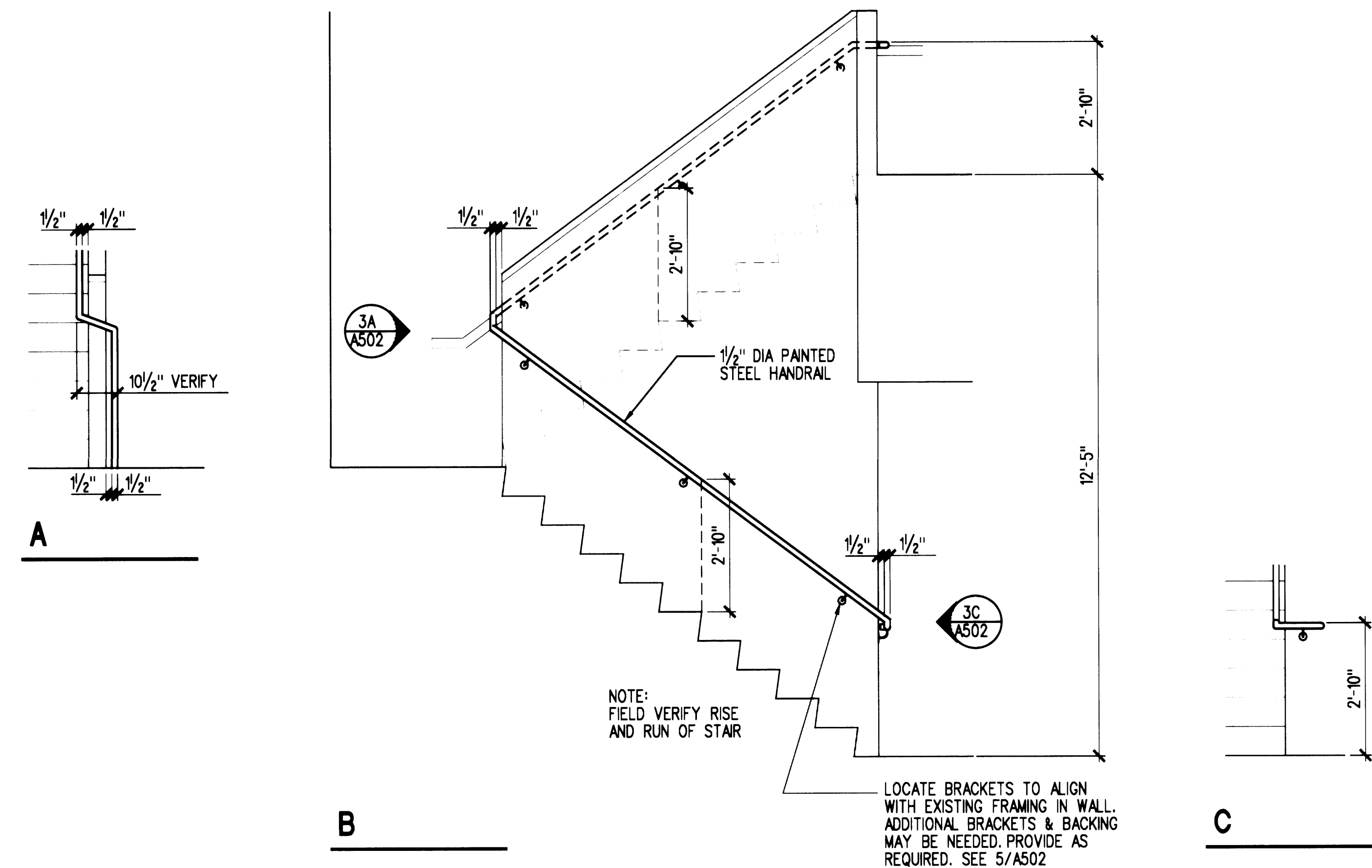
DESIGNED	CB/LB
DRAWN	EN/RT/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01



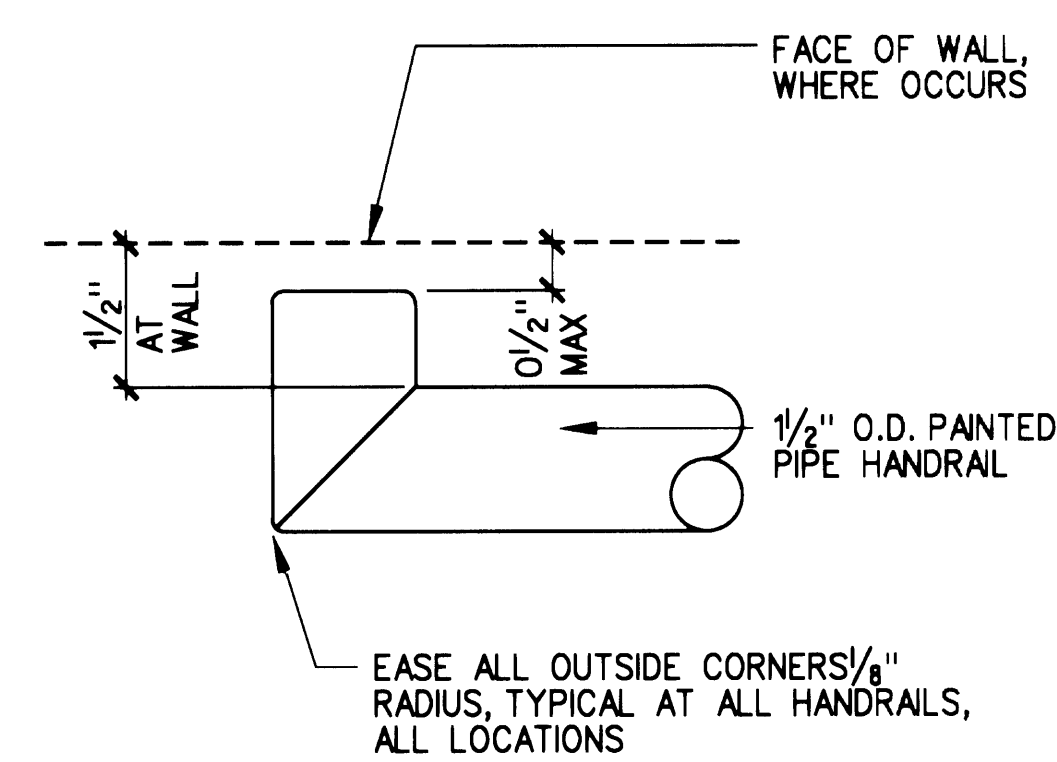
1 STAIR 3 - FIRST LEVEL
A502 SCALE: 1/2" = 1'-0"



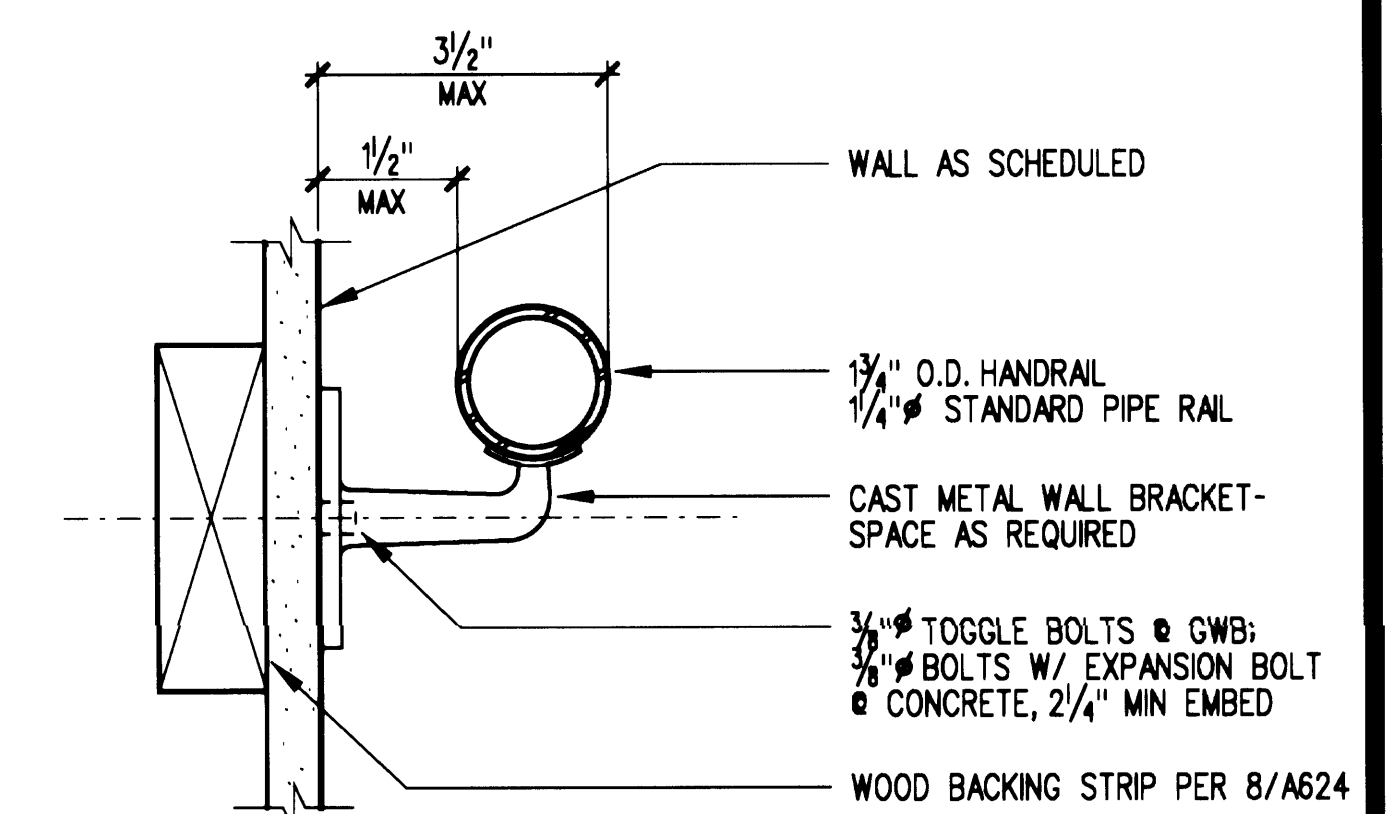
2 STAIR 3 - SECOND LEVEL
A502 SCALE: 1/2" = 1'-0"



3 STAIR 2 - SECTION
A502 SCALE: 1/2" = 1'-0"

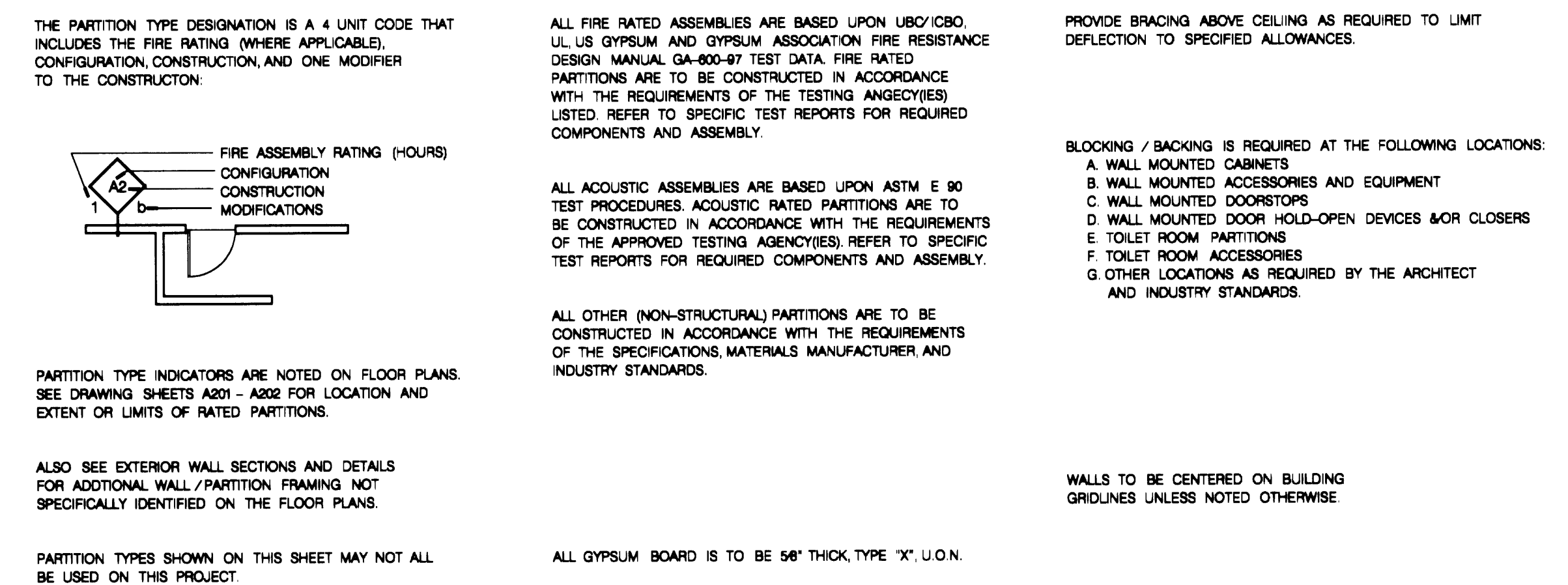


4 TYP. HANDRAIL TERMINATION
A502 SCALE: 6" = 1'-0" C21-G02



5 RAILING WALL BRACKET
A502 SCALE: 6" = 1'-0" c21-g03

INTERIOR PARTITION SCHEDULE NOTES:



1 GWP PARTITION
 SCALE: 1/4" = 1'-0"
 C11-A02
 -LWN-

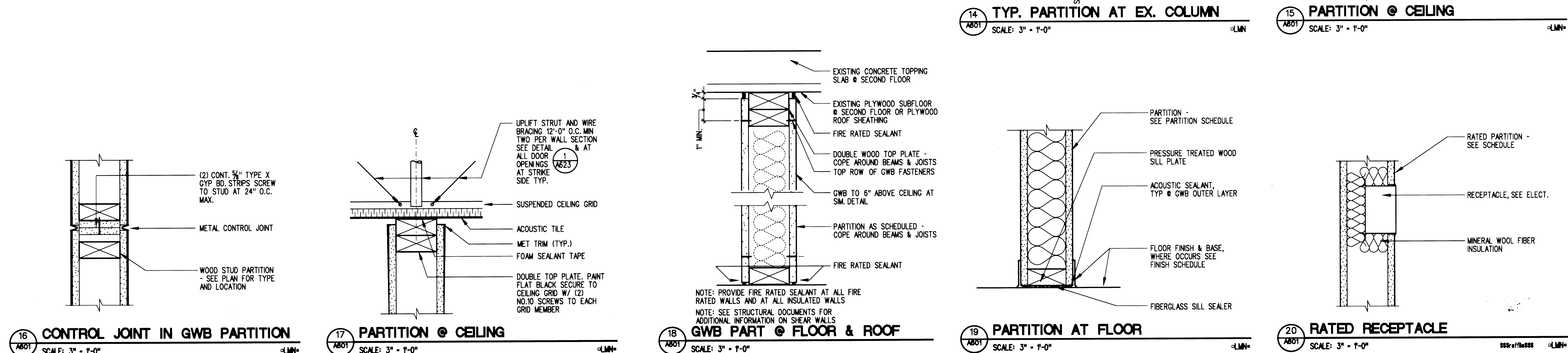
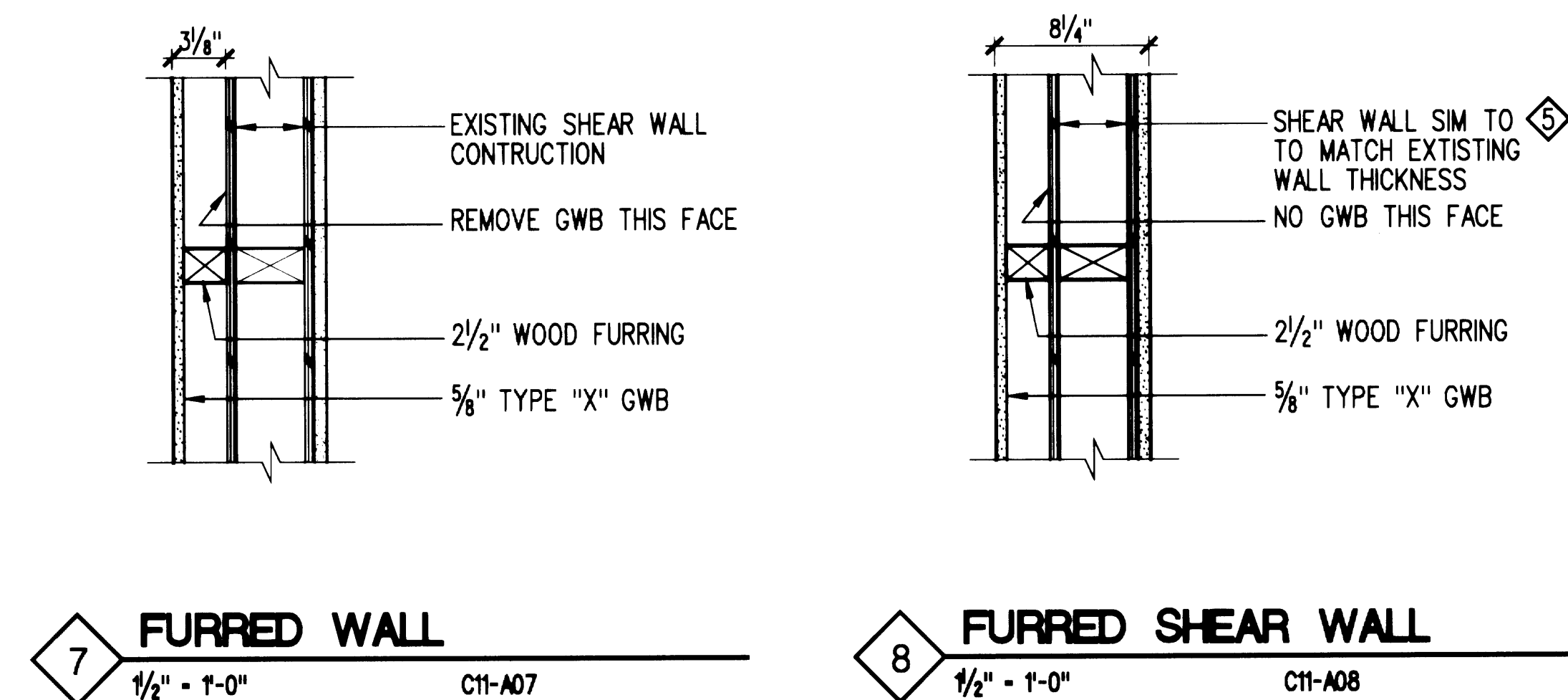
2 SINGLE SIDED GYP BD WALL
 SCALE: 1/4" = 1'-0"
 C11-A01
 -LWN-

3 SHEAR WALL
 SCALE: 1/4" = 1'-0"
 C11-A03
 -LWN-

4 INFILL WALL
 SCALE: 1/4" = 1'-0"
 C11-A04
 -LWN-

5 SHEAR WALL
 SCALE: 1/4" = 1'-0"
 C11-A05
 -LWN-

6 MODIFIED SHEAR WALL
 SCALE: 1/4" = 1'-0"
 C11-A06
 -LWN-



ADMINISTRATIVE OFFICE BUILDING RENOVATION

A601

1. FOR GLAZING TYPES SEE SPECIFICATIONS



STEEL POSTS IN PARTIAL HEIGHT WALL
SEE /A601

STEEL POSTS IN PARTIAL
HEIGHT WALL. SEE /A601

DISPLAY SHELF,
POLY-2 FINISH —

ALUMINUM STOREFRONT
SEE 1B/A404 FOR INFO

B - EAST ELEVATION

C - SOUTH ELEVATION

D - WEST ELEVATION

A610 SCALE: 1/4" = 1'-0"



5 B - EAST ELEVATION

C - SOUTH ELEVATION

D - WEST ELEVATION

A - ELEVATION

A610 SCALE: $\frac{1}{4}" = 1'-0"$



R - FAST ELEVATION

SA
A610

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

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



A610 SCALE: 1/4" = 1'-0"



R - FAST ELEVATION

SA
A610

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



5
A610



6
A610

NOTTED: 04-MAR-2002 FILE: L:\projects\poets\cadd\c610.sh1

Approved
 Date 3-5-2002
Jeffrey A. Lincoln
Senior Director of Facilities Development

IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

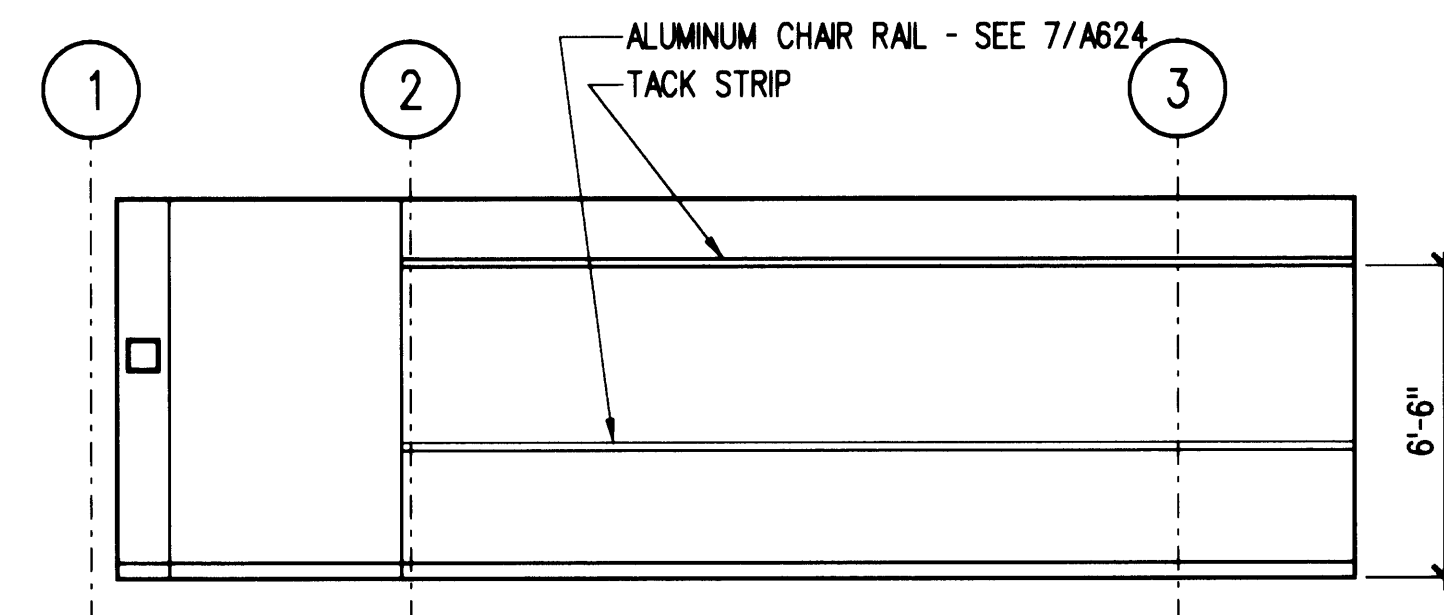
CONTRACT #
998084

EP #
5345-23

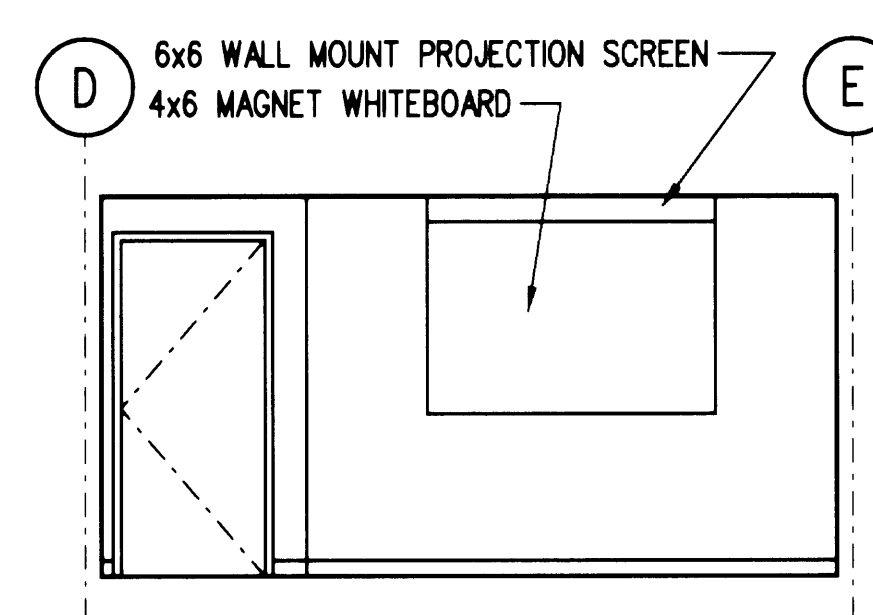
REGISTERED
ARCHITECT
D. W. McQuinn
STATE OF WASHINGTON

[illegible]

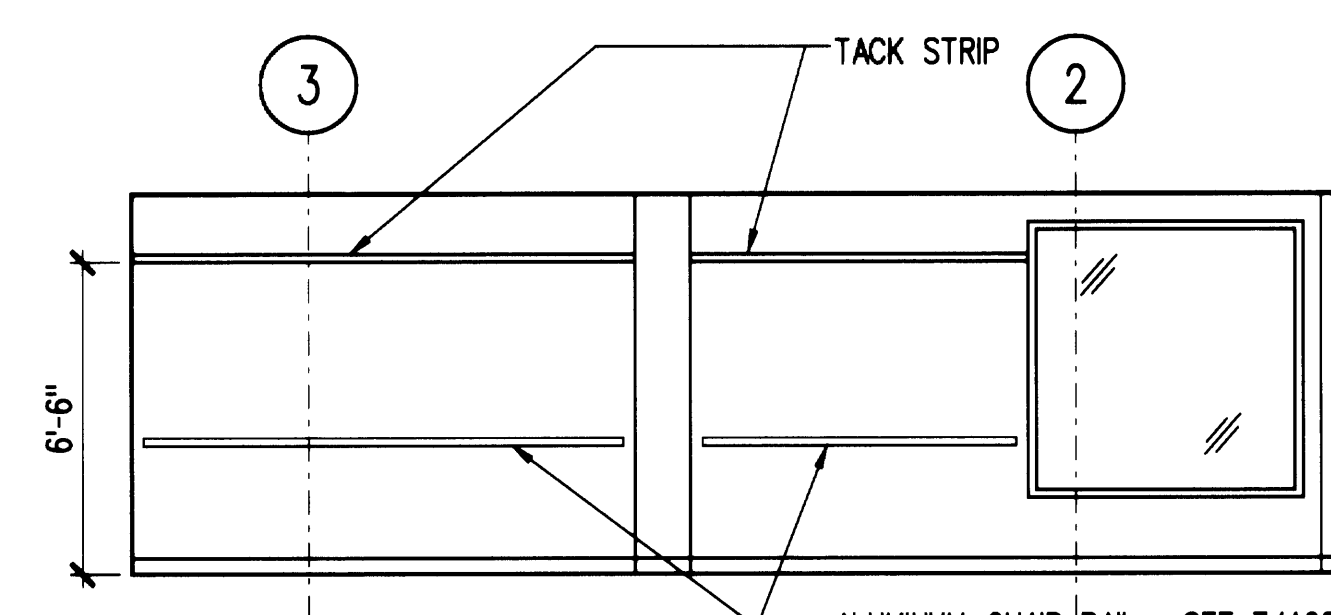
A610



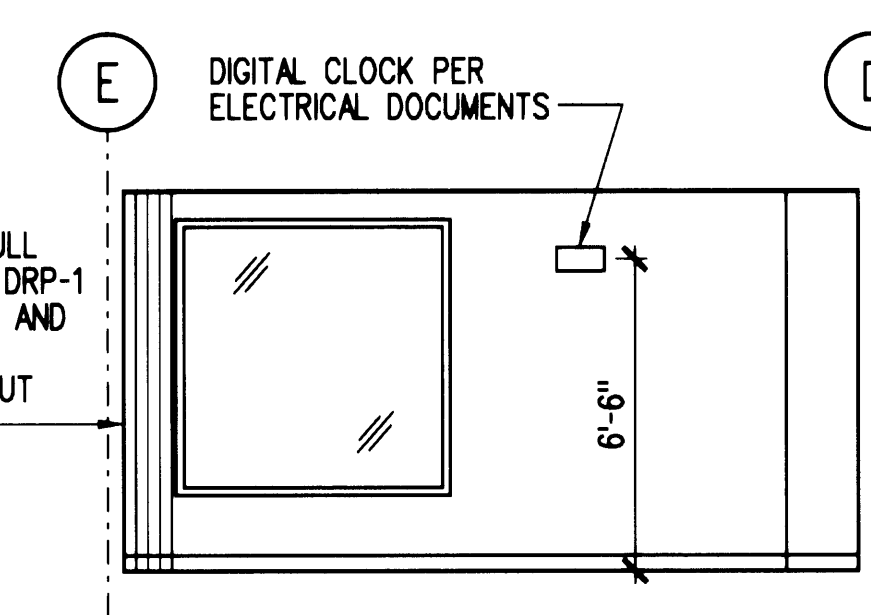
A - NORTH ELEVATION



B - EAST ELEVATION

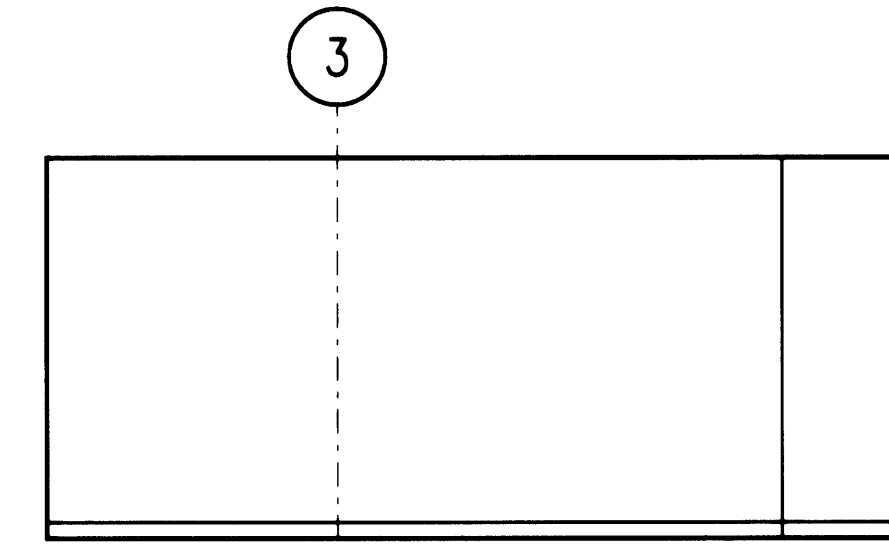


C - SOUTH ELEVATION

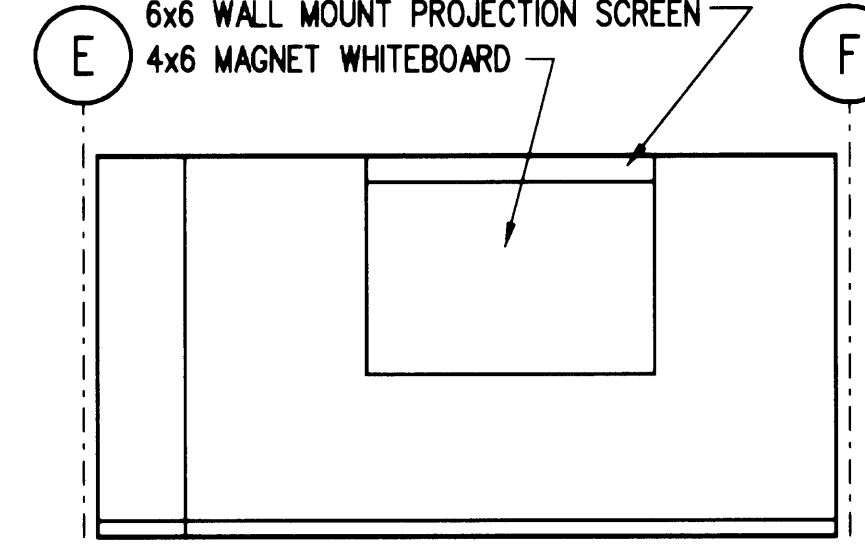


D - WEST ELEVATION

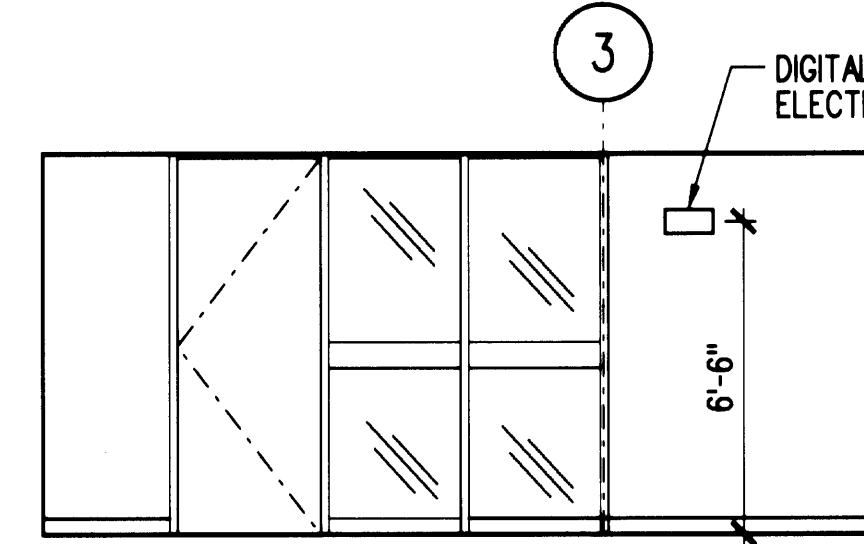
1 REAL ESTATE CONF. - RM. 207
SCALE: 1/4" = 1'-0"



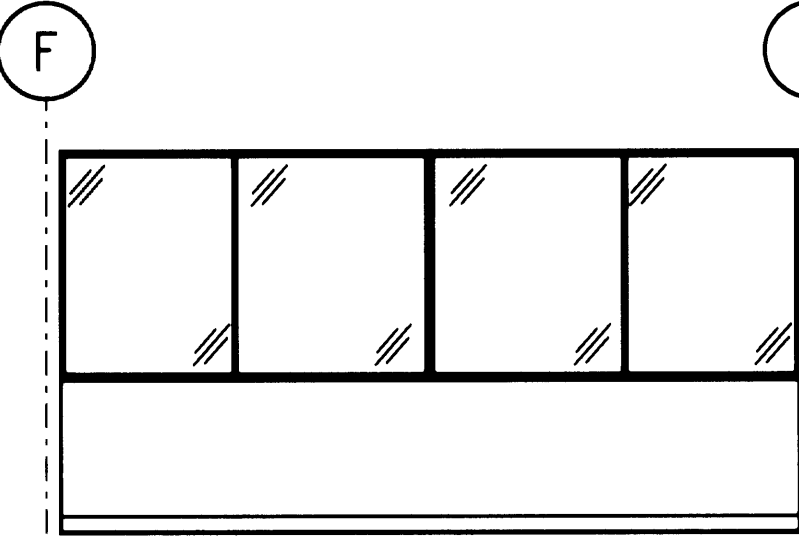
A - NORTH ELEVATION



B - EAST ELEVATION

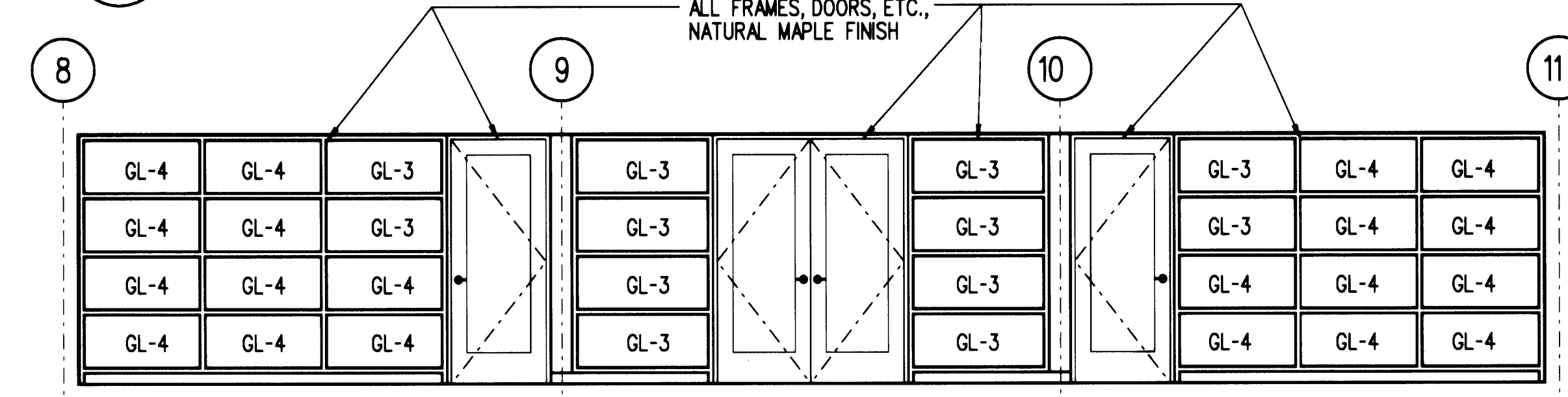


C - SOUTH ELEVATION



D - WEST ELEVATION

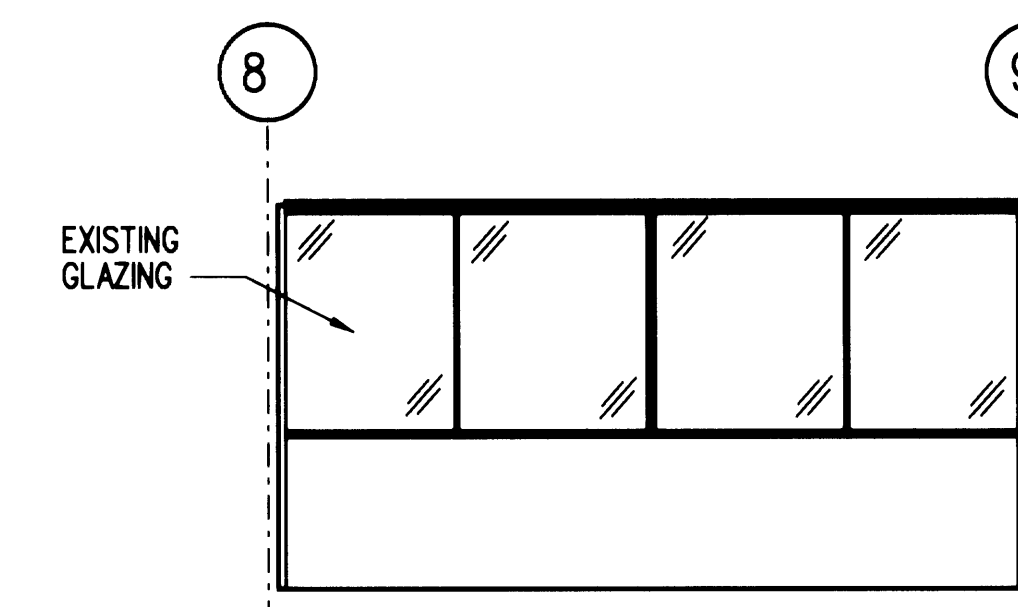
2 BELAWAN CONFERENCE - RM. 208
SCALE: 1/4" = 1'-0"



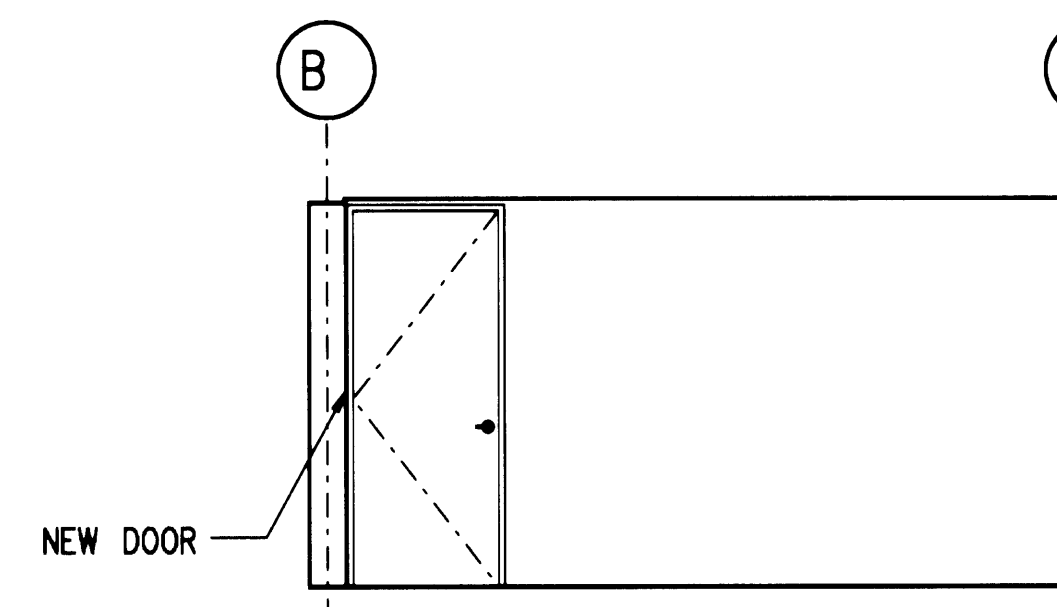
A - NORTH ELEVATION

NOTE: SEE 5C/A611, 6B/A611, & 7C/A611 FOR DETAIL REFERENCES

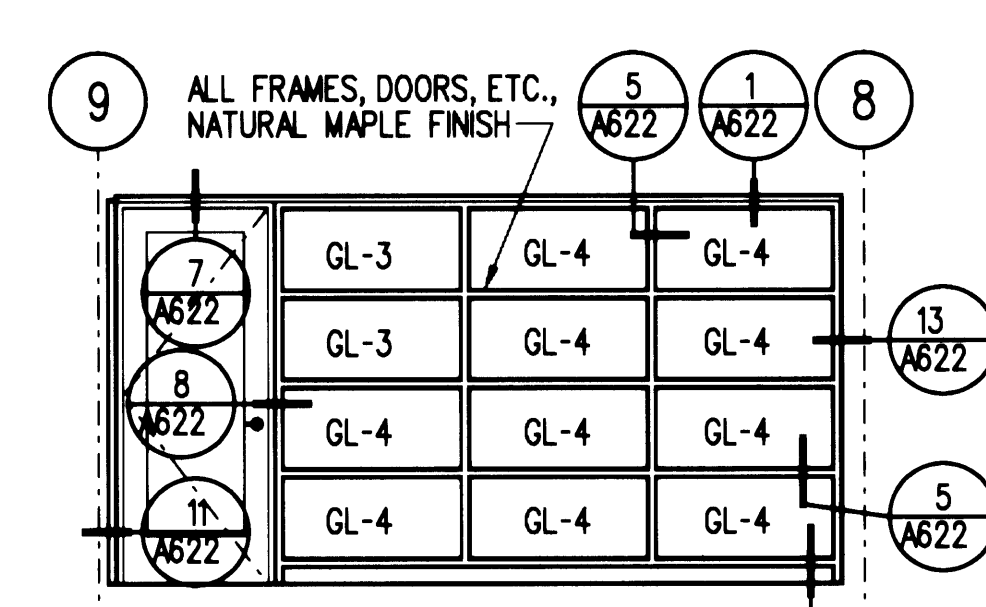
4 EXECUTIVE OFFICES, RECEPTION RM 212
SCALE: 1/4" = 1'-0"



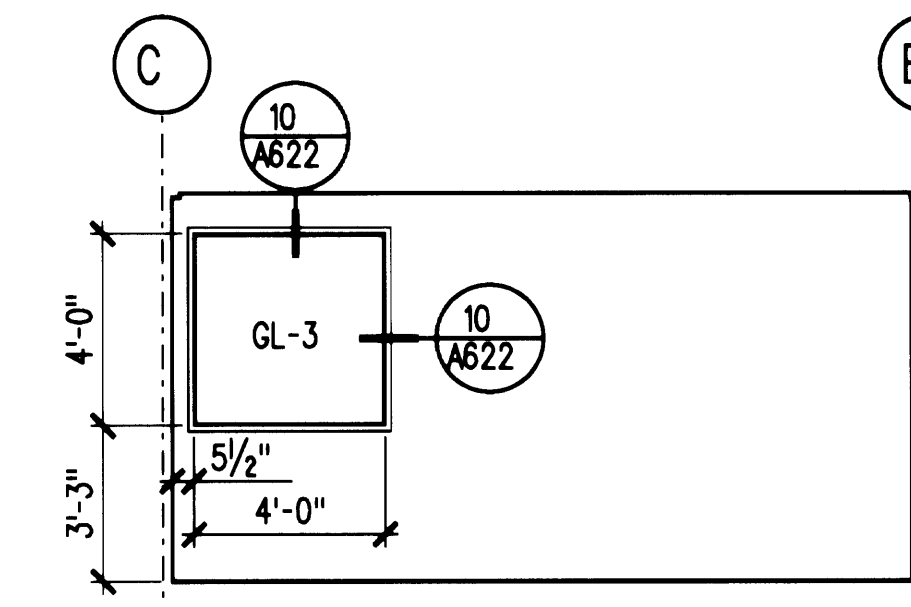
A - NORTH ELEVATION



B - EAST ELEVATION

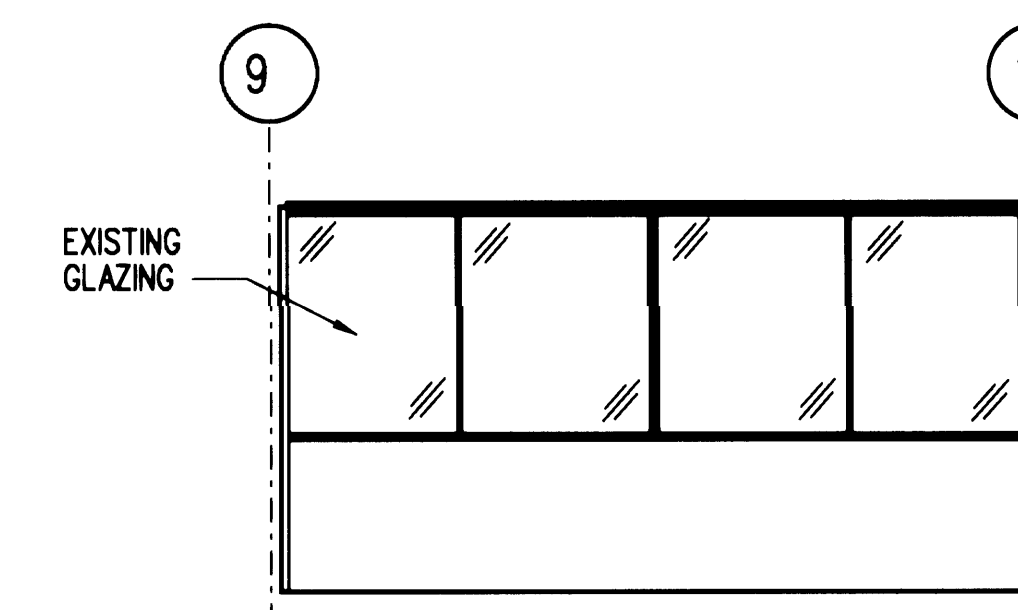


C - SOUTH ELEVATION

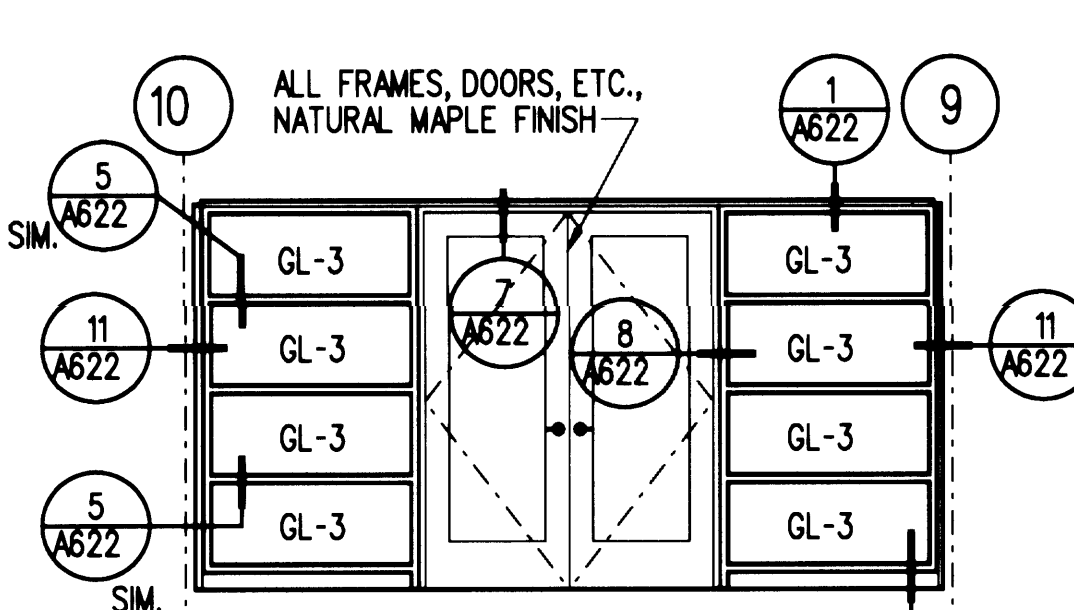


B - WEST ELEVATION

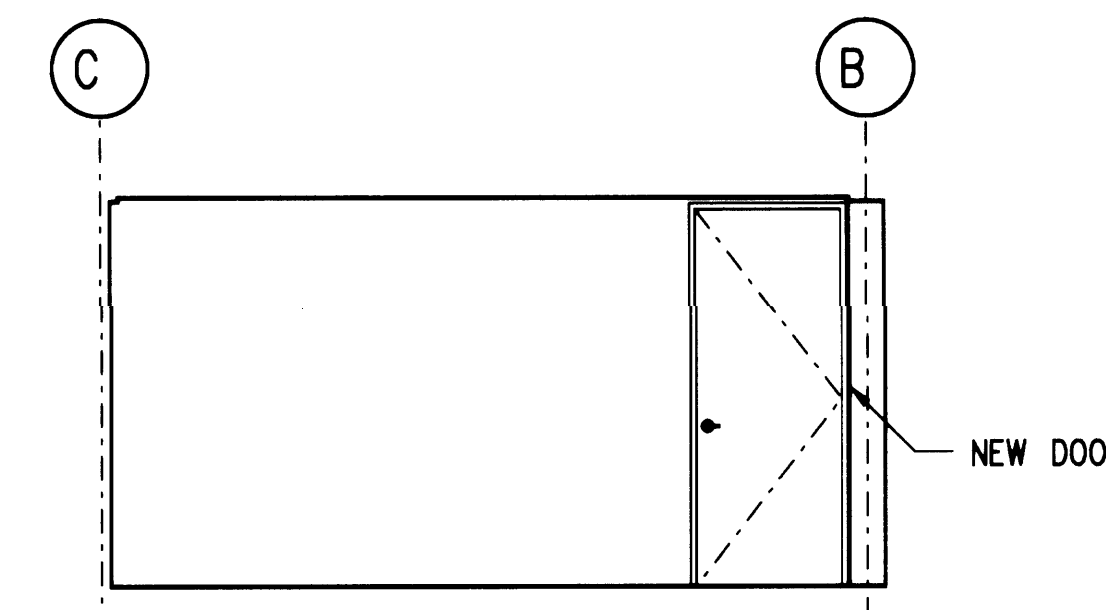
5 OFFICE - RM. 213
SCALE: 1/4" = 1'-0"



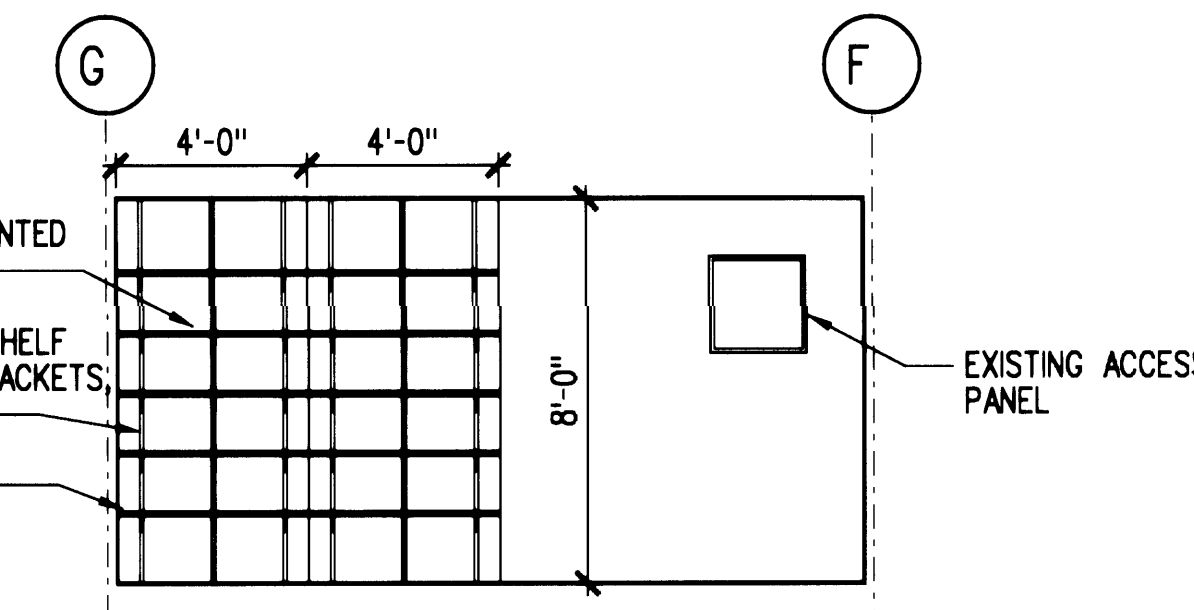
A - NORTH ELEVATION



B - SOUTH ELEVATION

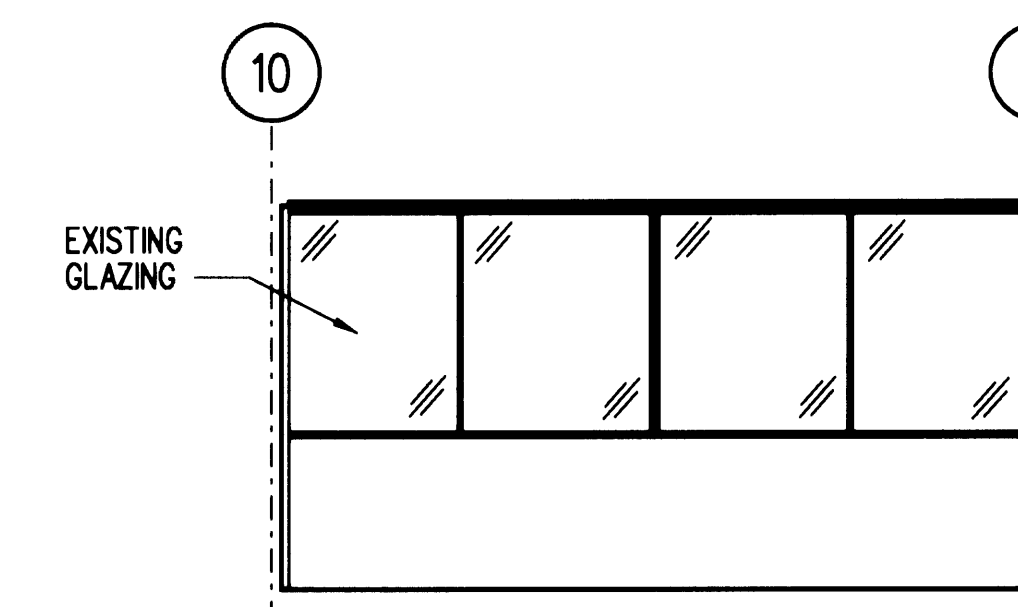


C - WEST ELEVATION

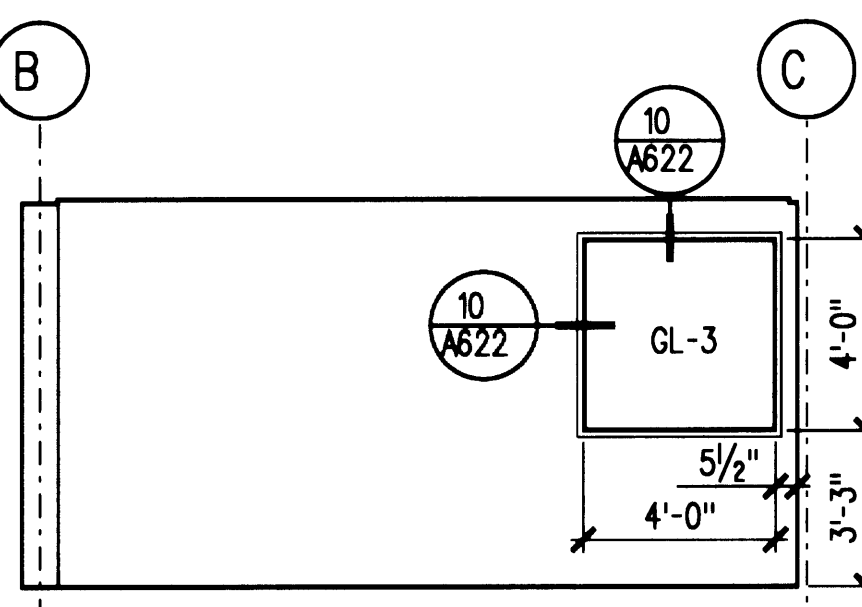


A - WEST ELEVATION

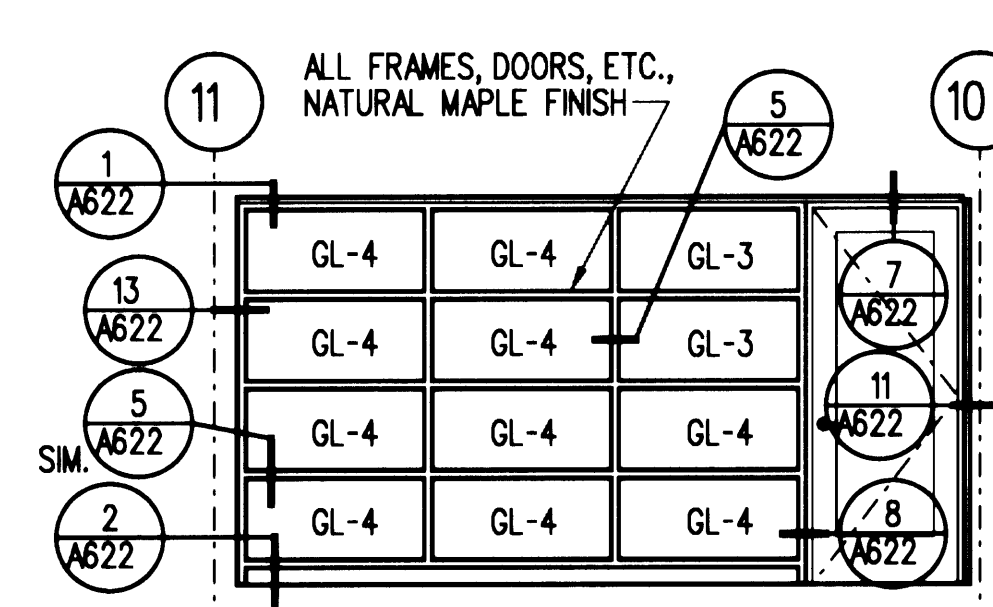
6 GREETING - RM. 214
SCALE: 1/4" = 1'-0"



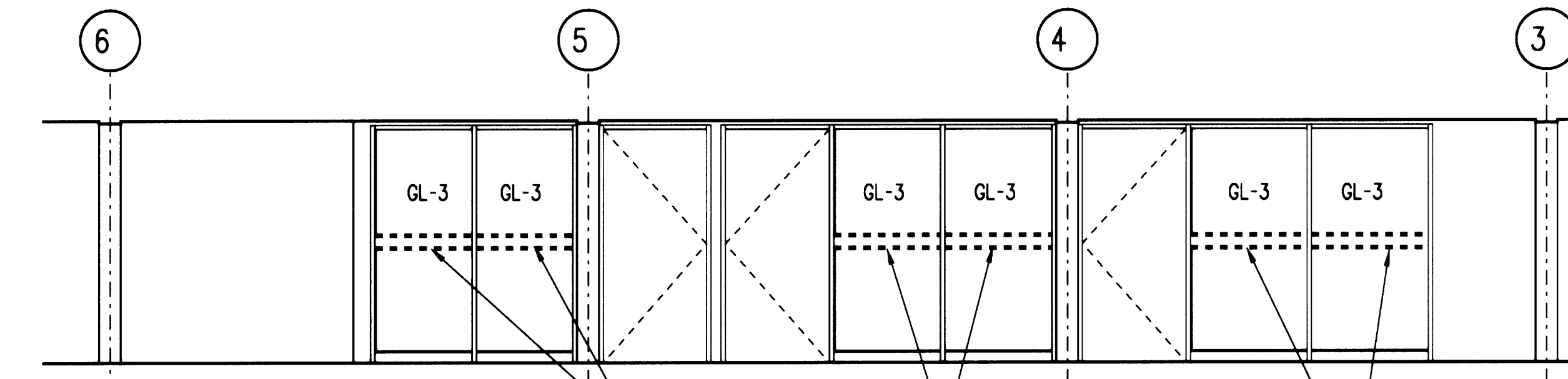
A - NORTH ELEVATION



B - EAST ELEVATION



C - SOUTH ELEVATION



A - SOUTH ELEVATION

7 OFFICE - RM. 215
SCALE: 1/4" = 1'-0"

8 OPEN OFFICE - RM. 211
SCALE: 1/4" = 1'-0"

Approved
Jeffrey A. Lincoln
Senior Director of Facilities Development

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CONTRACT #
998084

EP #
5345-23

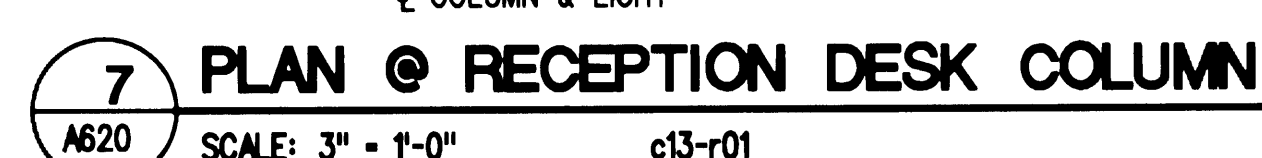
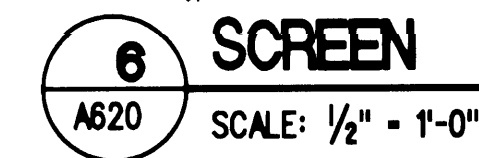
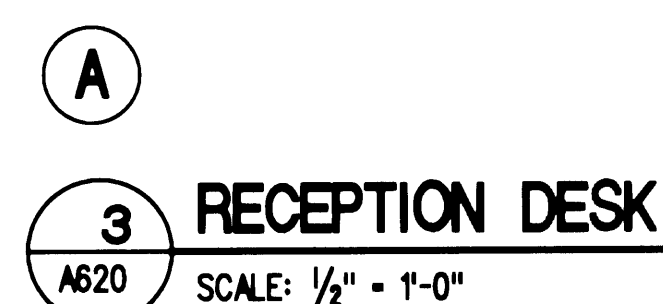
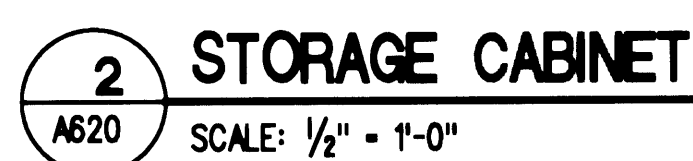
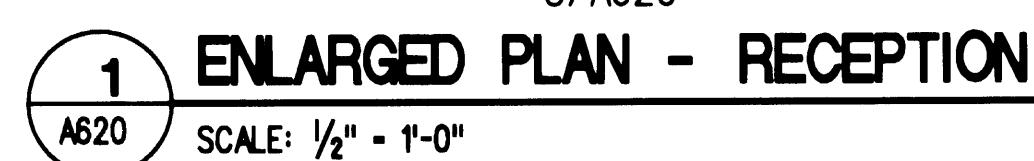
REGISTERED
ARCHITECT
STATE OF WASHINGTON

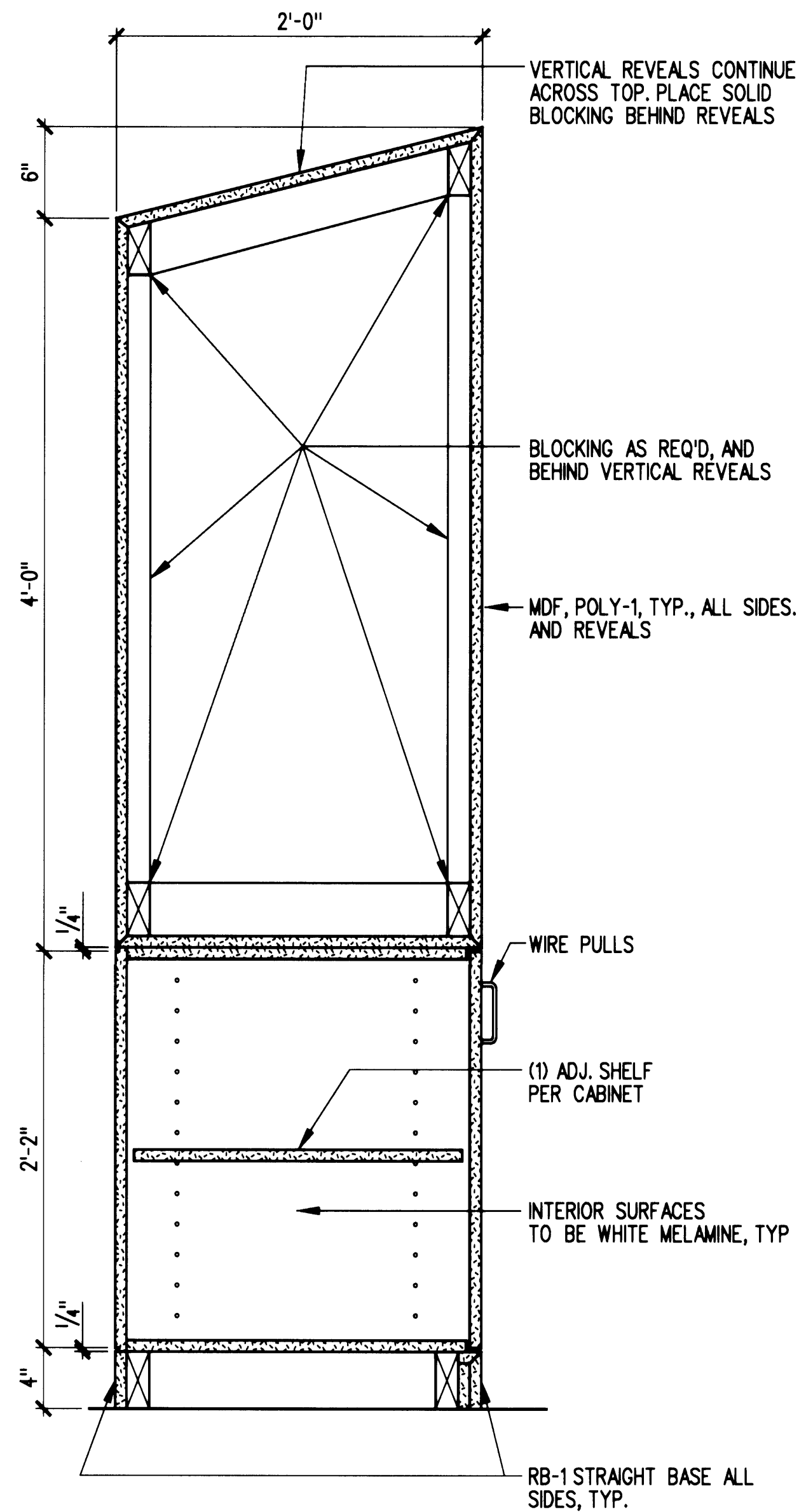
NO.	DATE	BY	DESCRIPTION

TITLE
**SECOND LEVEL
INTERIOR
ELEVATIONS**

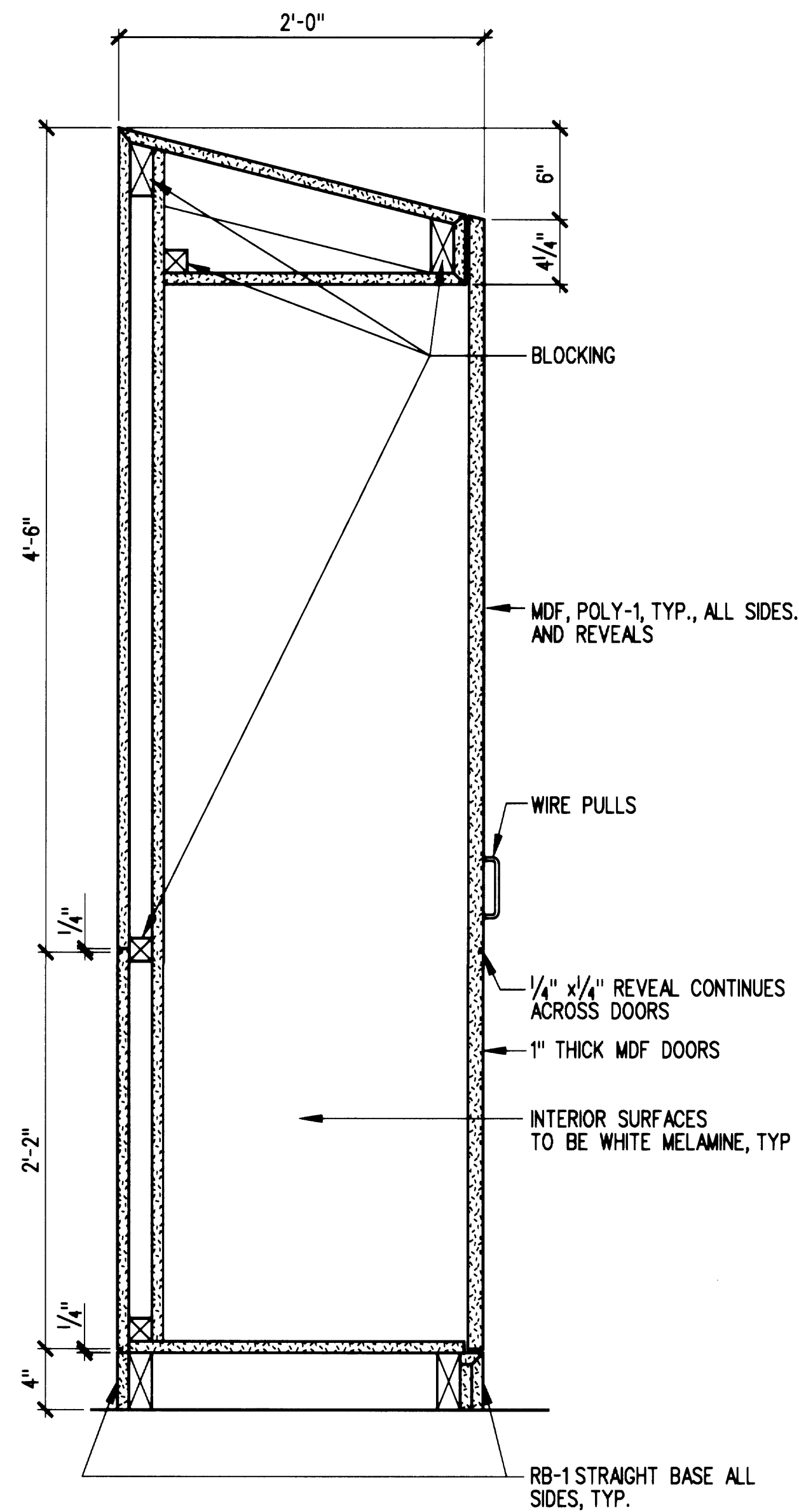
DESIGNED CB/LB
DRAWN EN/ST/BR
CHECKED CB
DATE MARCH 4, 2002
CADD FILE
JOB NUMBER 99079-01

A611

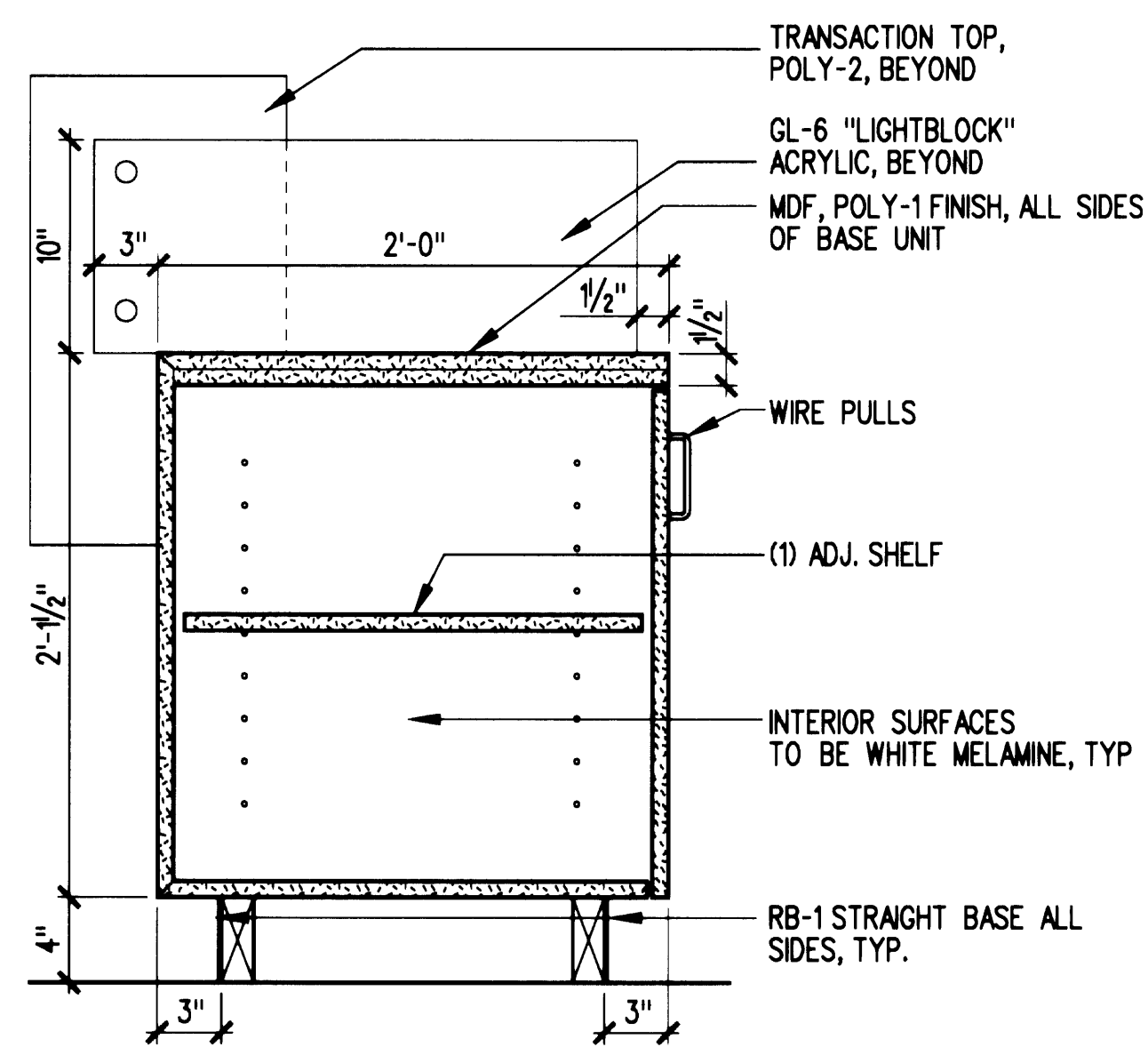




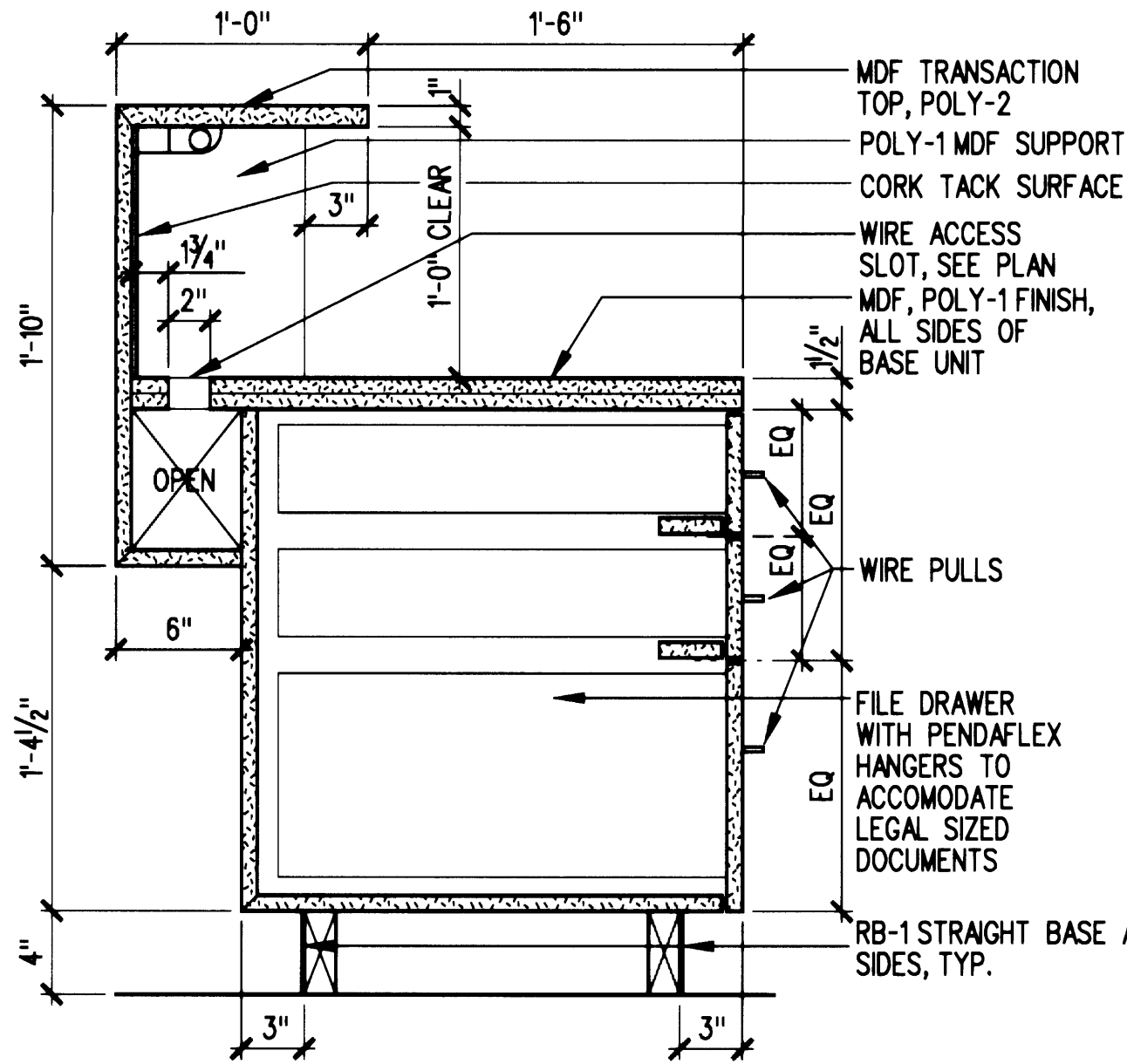
6 **CABINET @ LOWER STORAGE**
SCALE: 1/2" = 1'-0" E21-B01



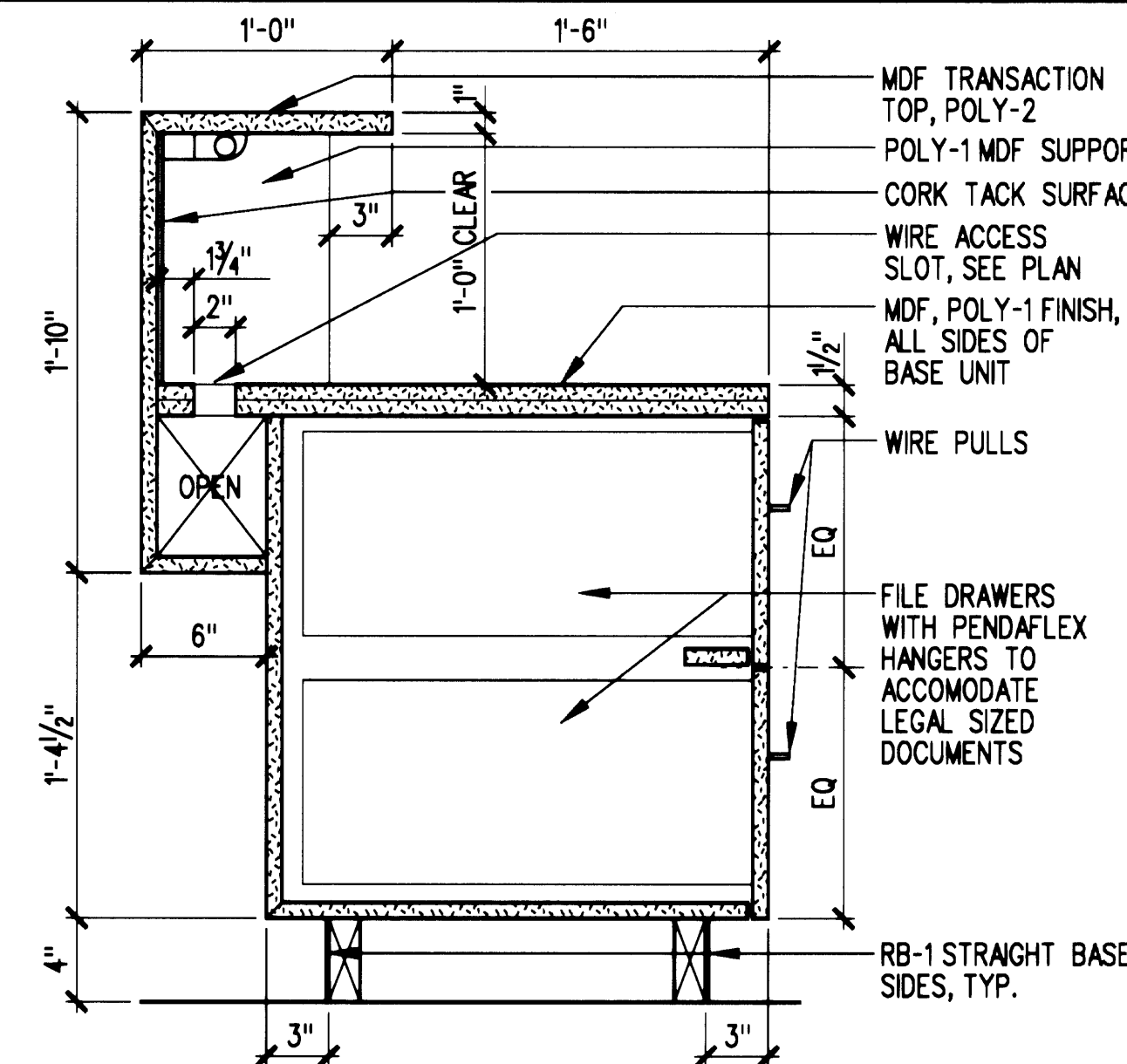
7 **CABINET @ COAT CLOSETS**
SCALE: 1/2" = 1'-0" E21-B02



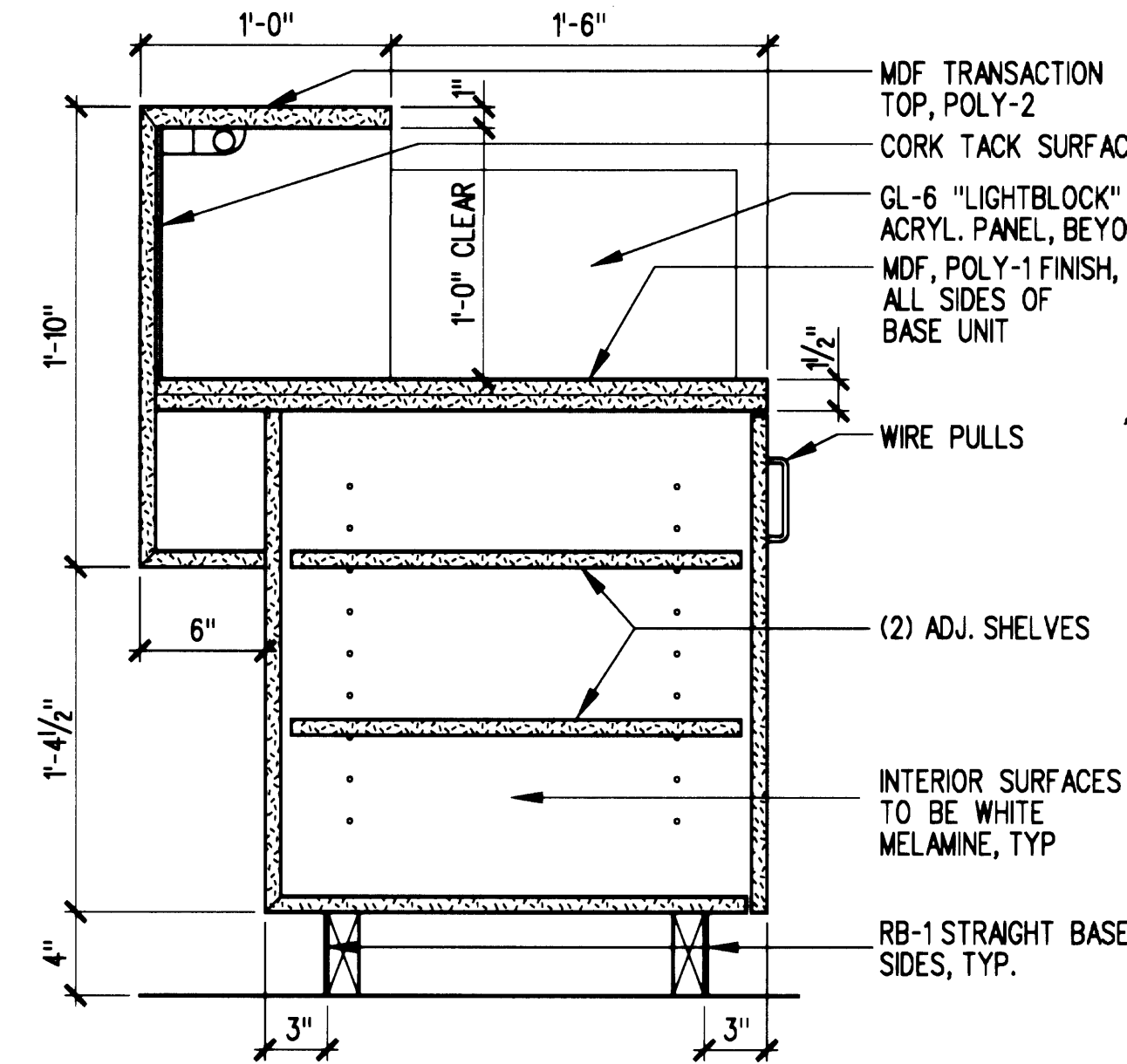
3 **RECEPTION DESK**
SCALE: 1/2" = 1'-0" E21-B03



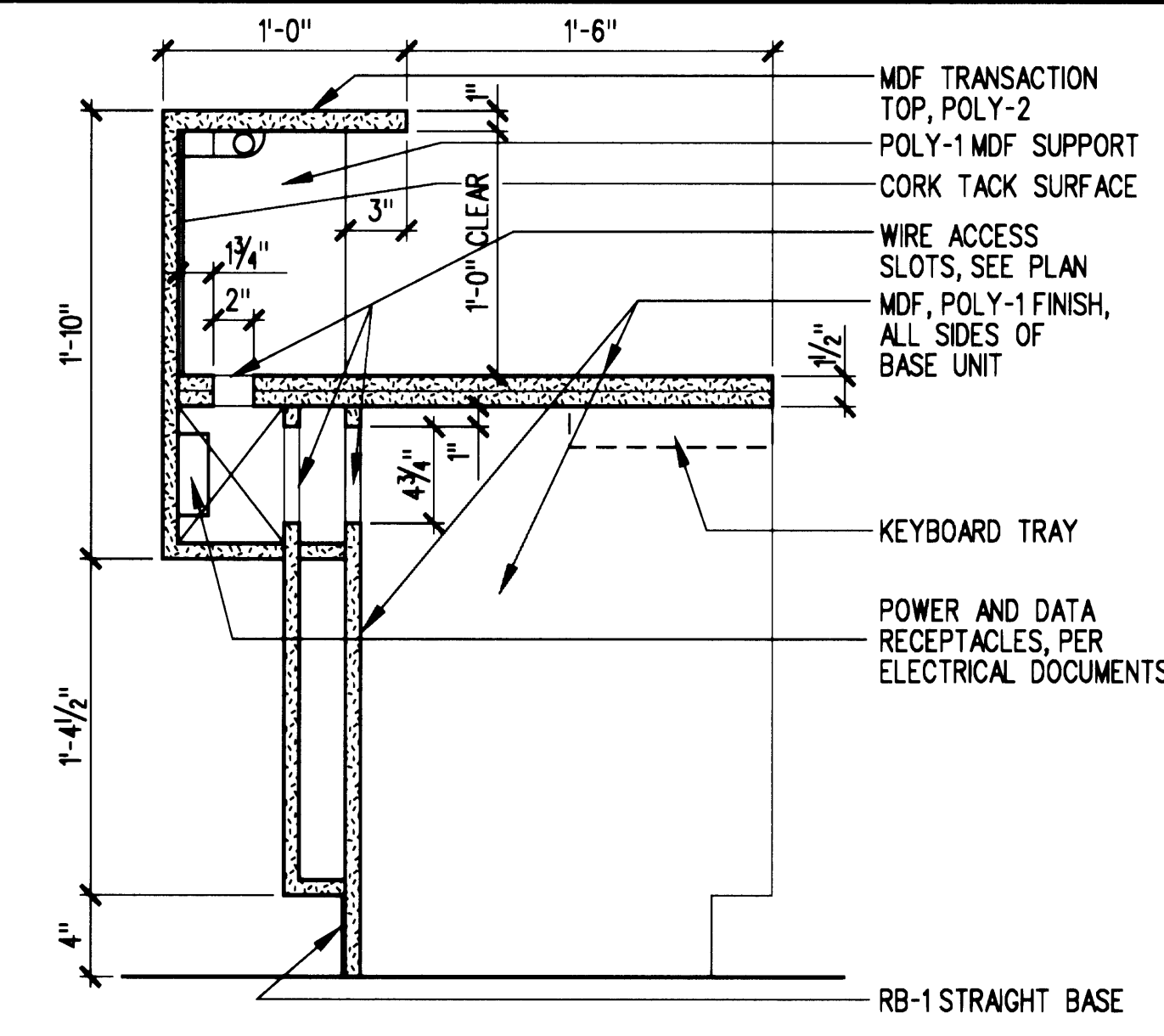
8 **RECEPTION DESK**
SCALE: 1/2" = 1'-0" E21-B06



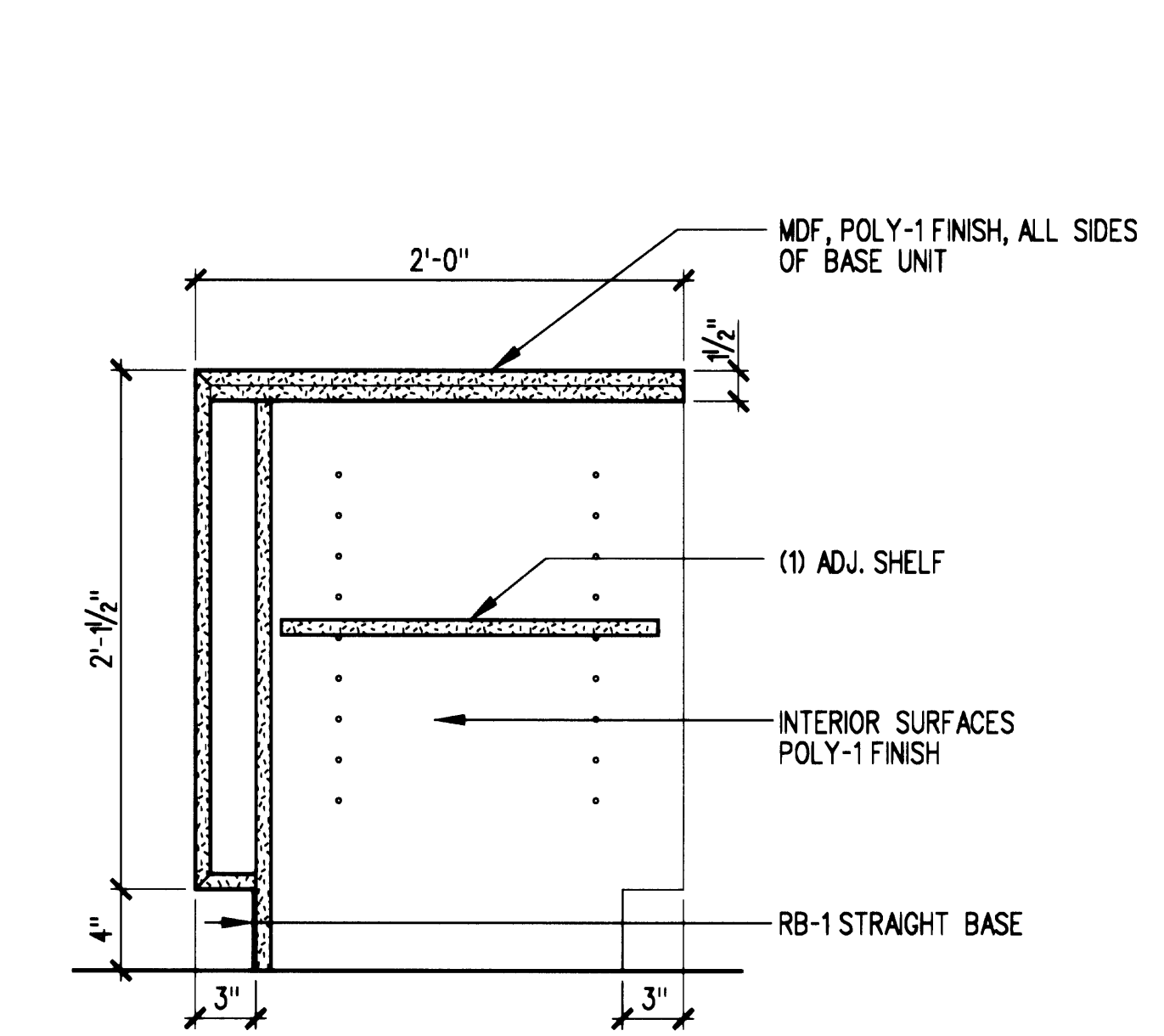
4 **RECEPTION DESK**
SCALE: 1/2" = 1'-0" E21-B04



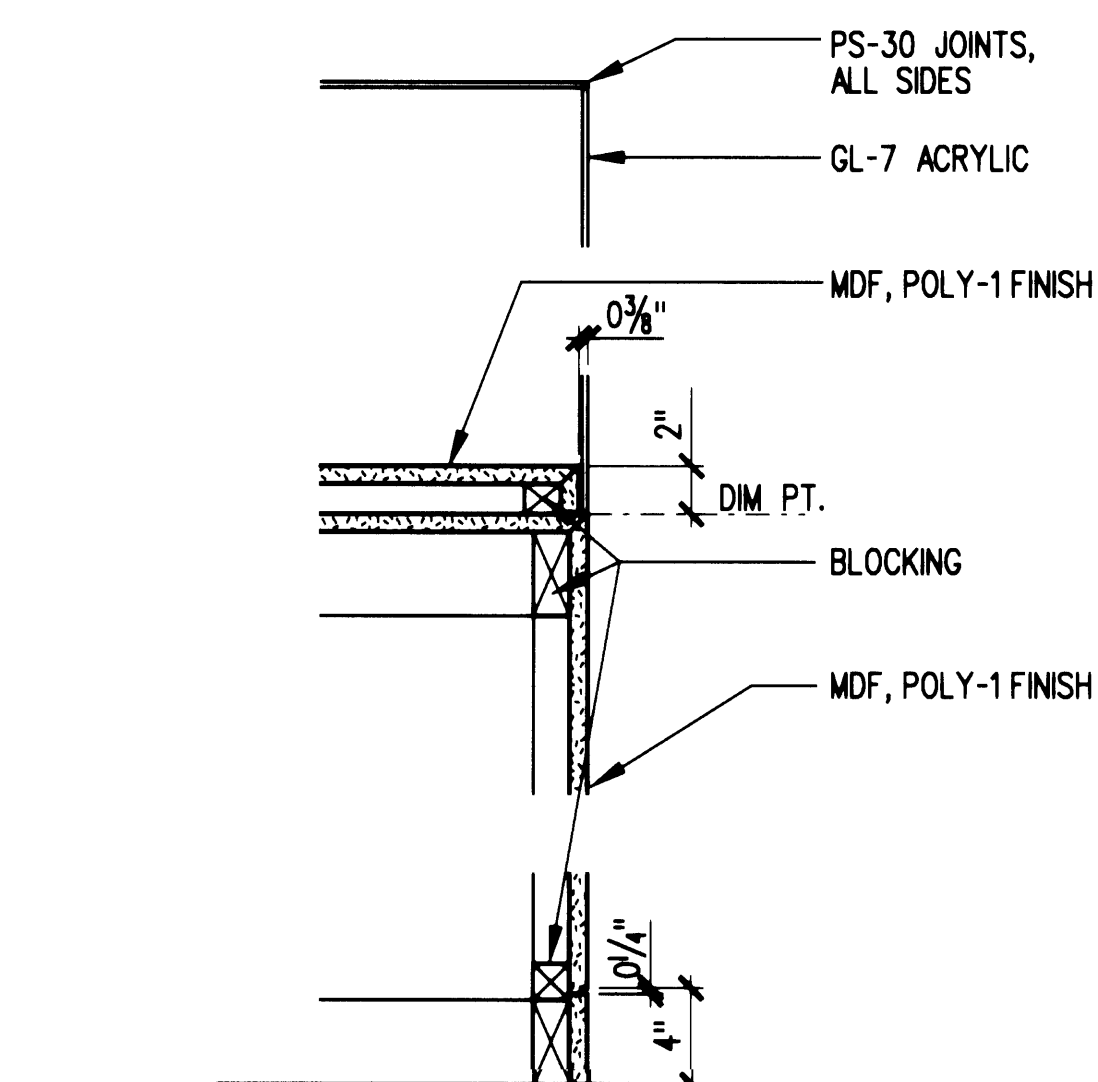
9 **RECEPTION DESK**
SCALE: 1/2" = 1'-0" E21-B07



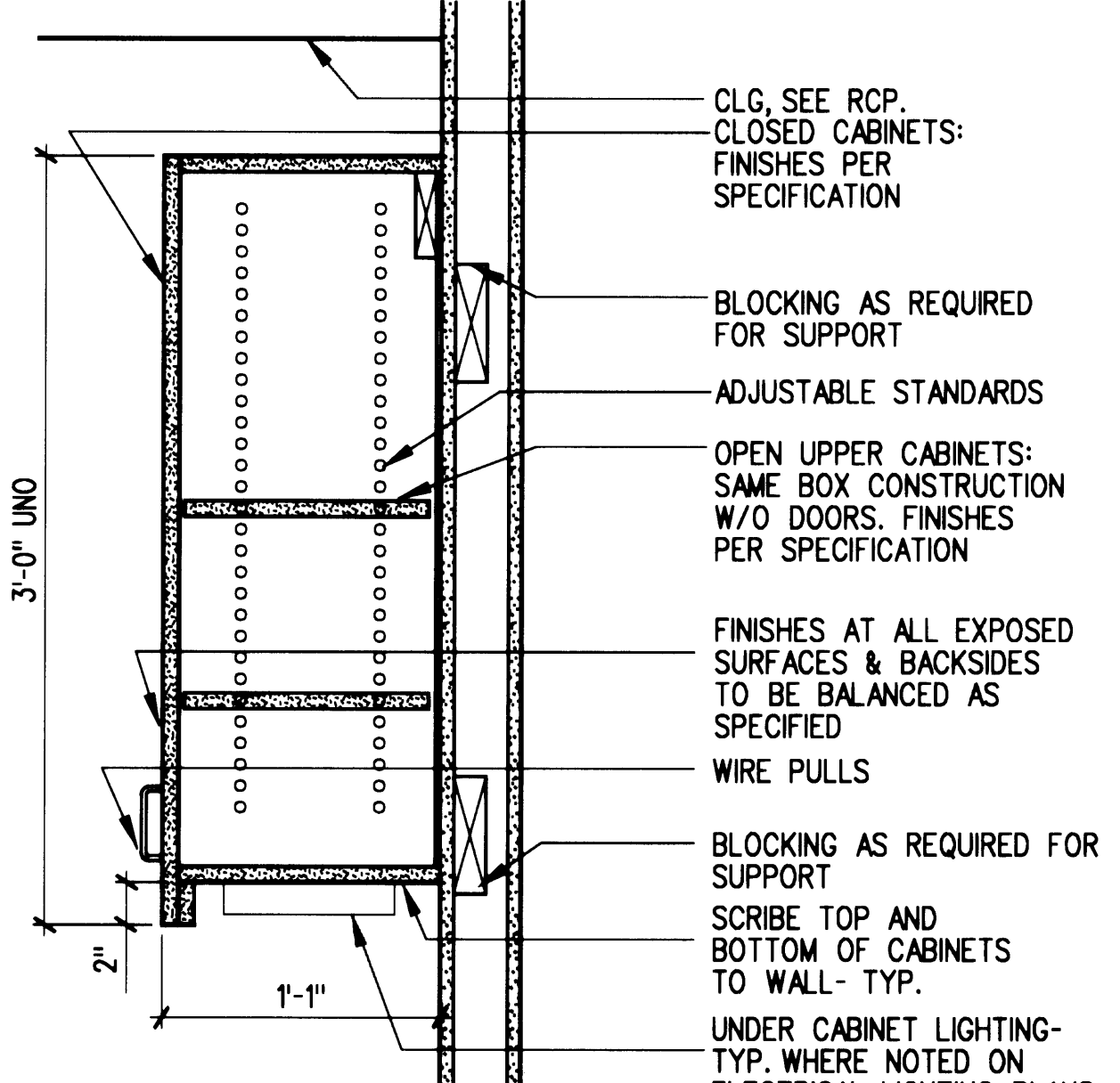
5 **RECEPTION DESK**
SCALE: 1/2" = 1'-0" E21-B05



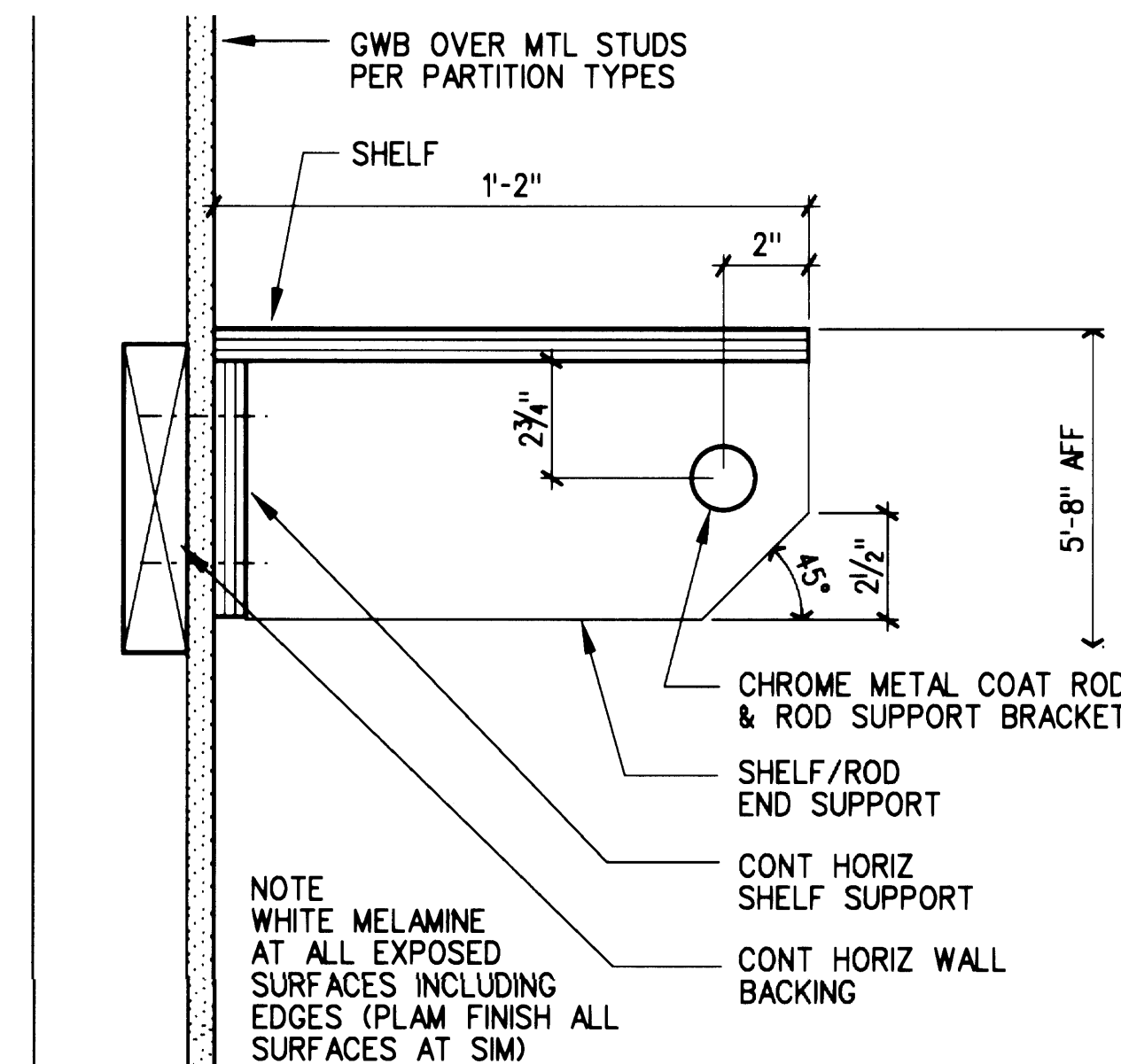
10 **RECEPTION DESK**
SCALE: 1/2" = 1'-0" E21-B08



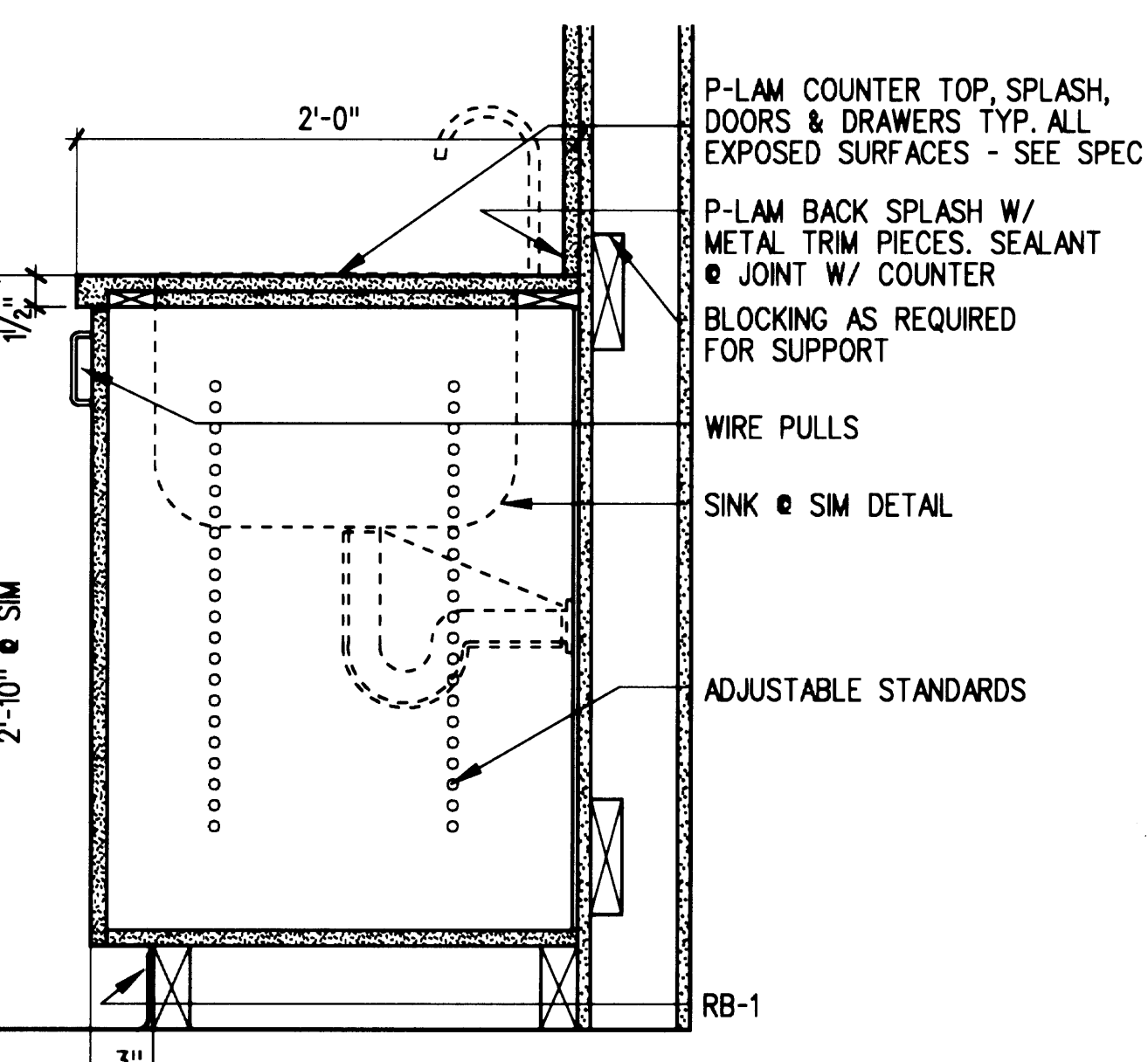
11 **DISPLAY CABINET**
SCALE: 1/2" = 1'-0" E21-B09



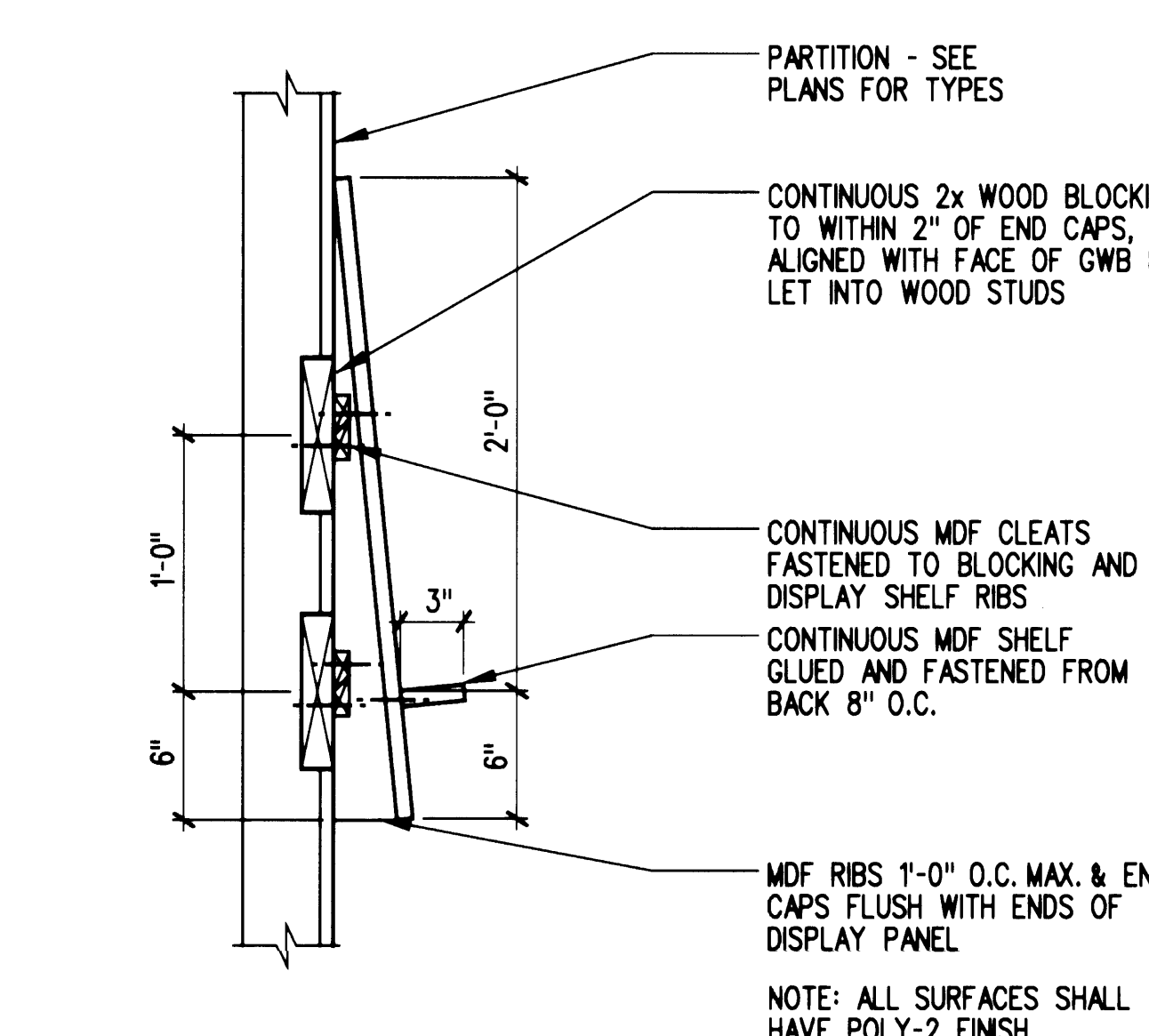
16 **DETAIL @ UPPER CABINET**
SCALE: 1/2" = 1'-0" zc21-b02



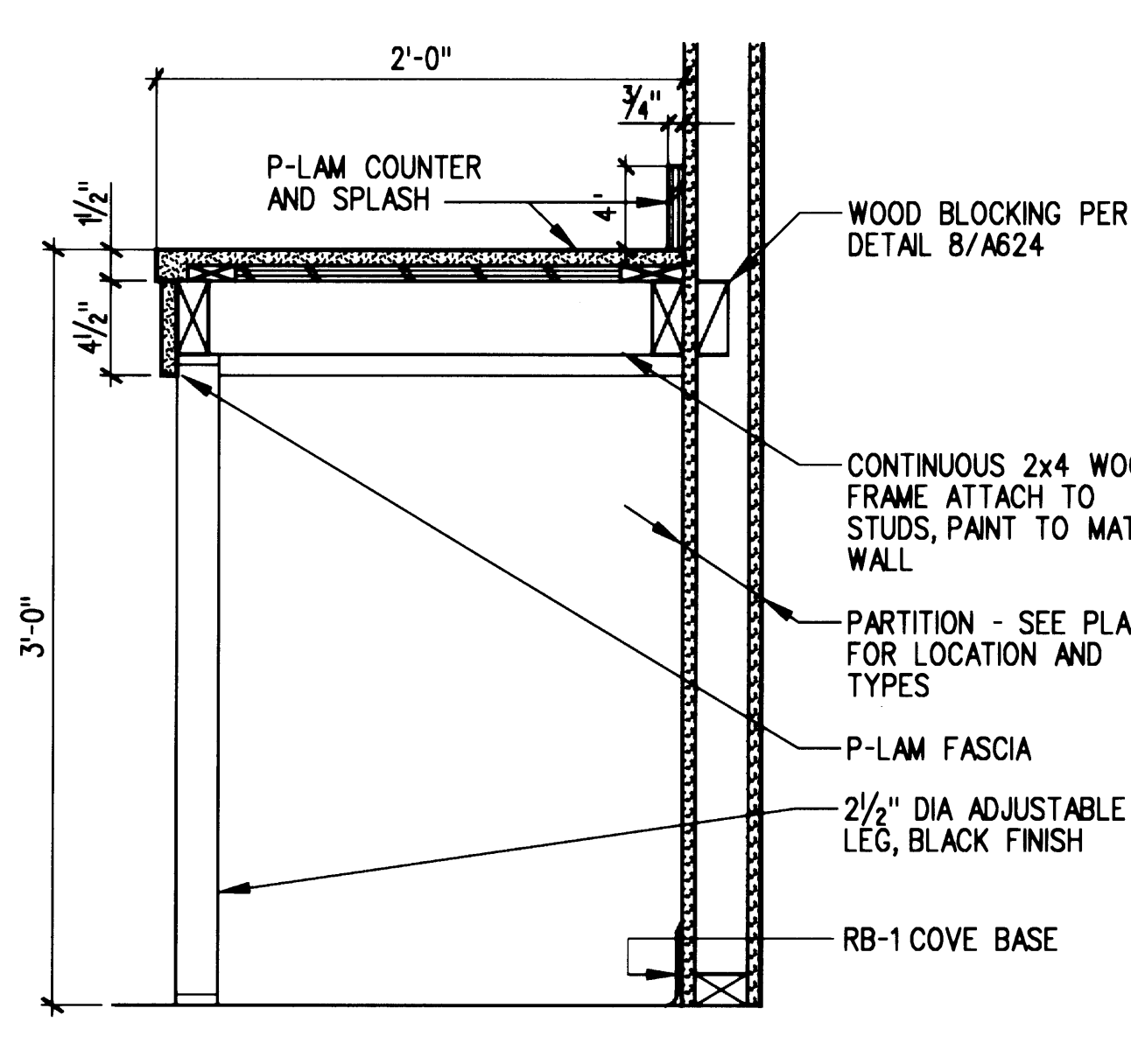
12 **COAT ROD AND SHELF**
SCALE: 3/4" = 1'-0" c13-b01



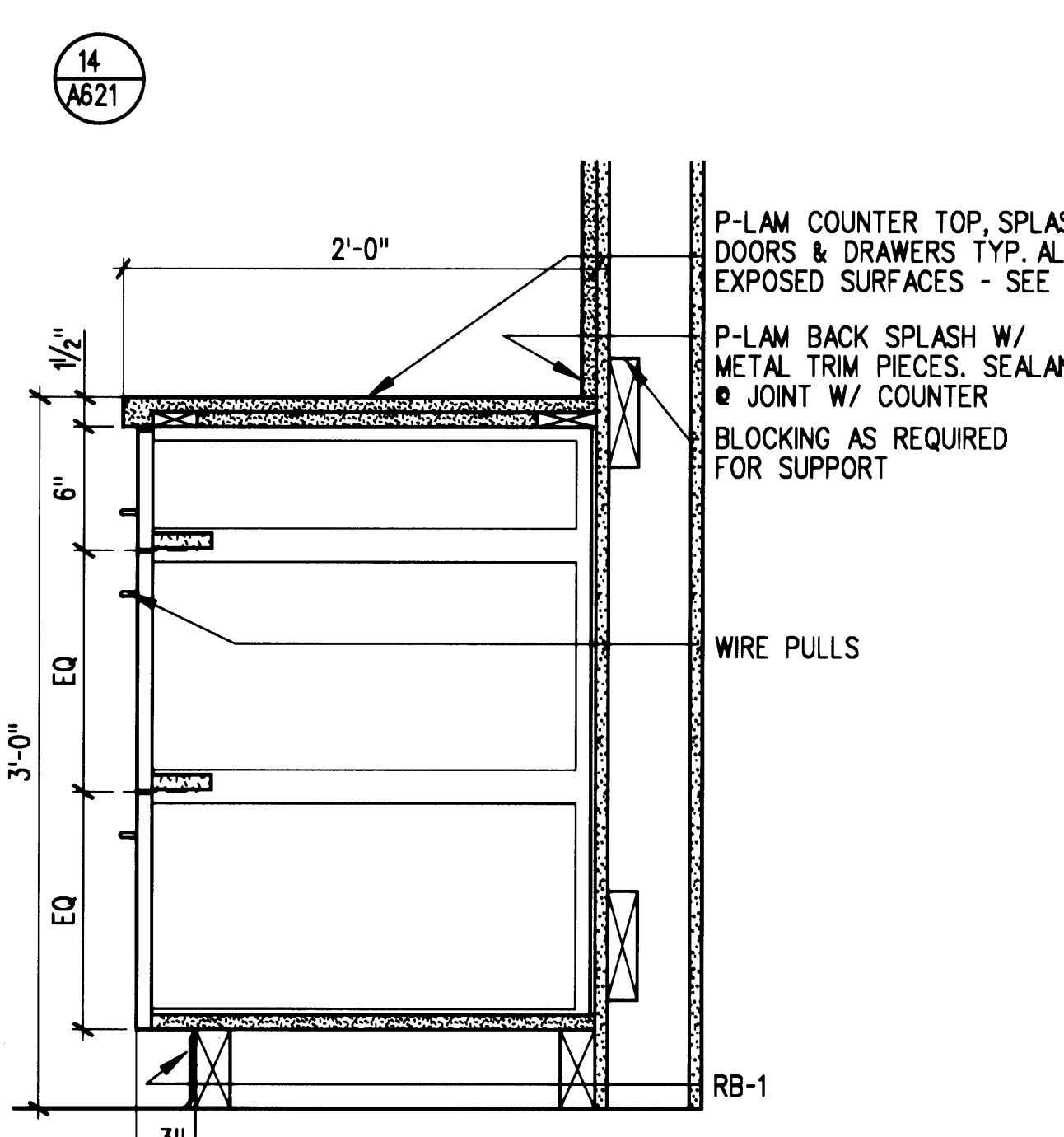
17 **DETAIL @ BASE CABINET**
SCALE: 1/2" = 1'-0" zc21-b02



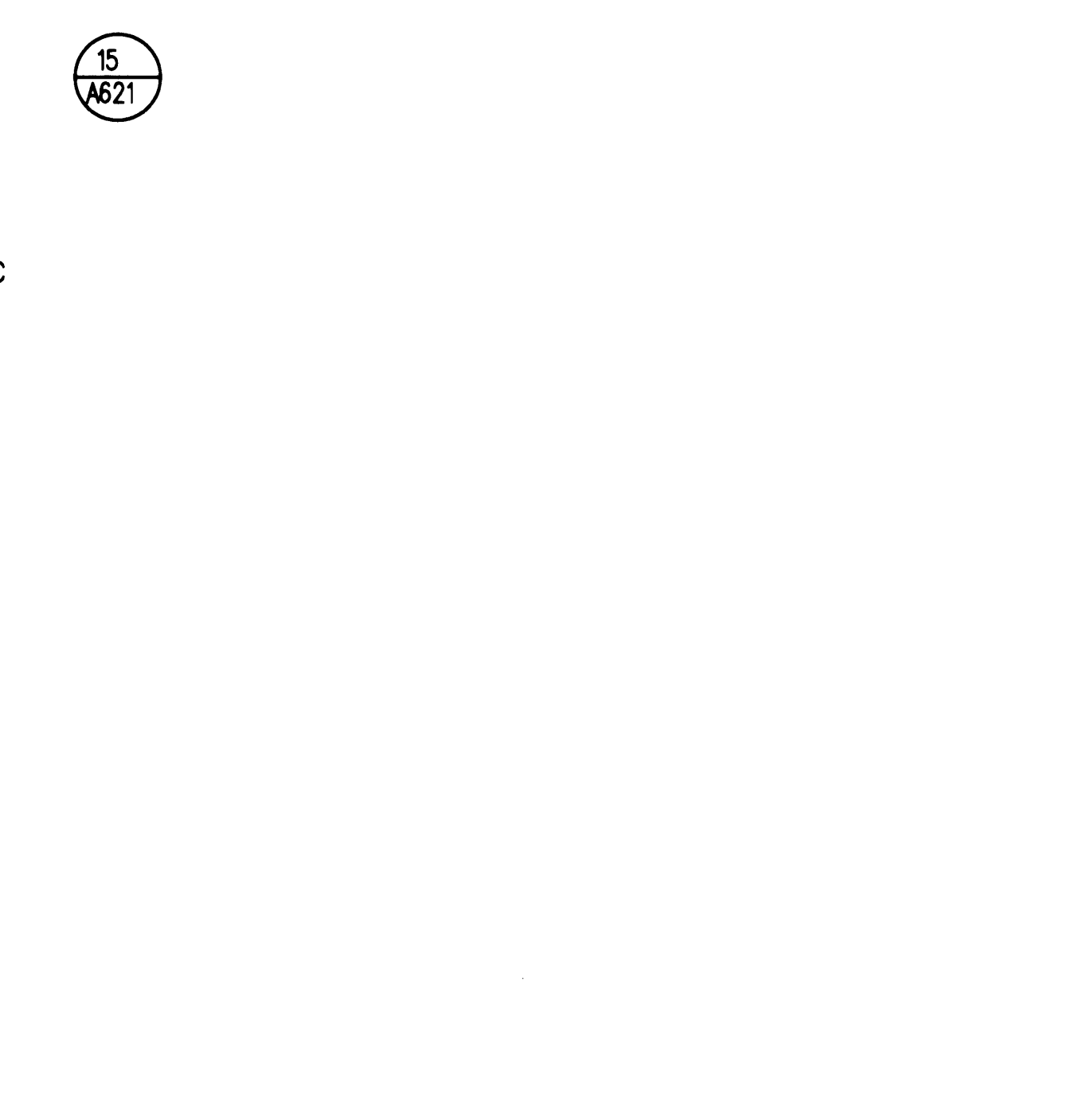
13 **SECTION @ DISPLAY SHELF**
SCALE: 1/2" = 1'-0" c13-b02



18 **SECTION @ OPEN COUNTER**
SCALE: 1/2" = 1'-0" E21-B11



19 **SECTION @ DRAWER BASE CABINET**
SCALE: 1/2" = 1'-0" zc21-b02

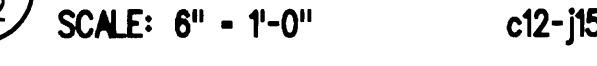
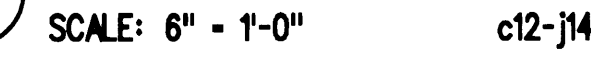
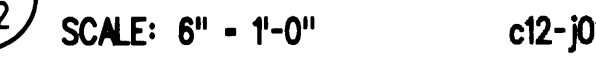
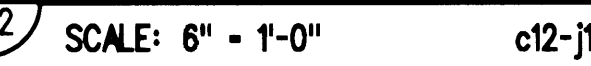
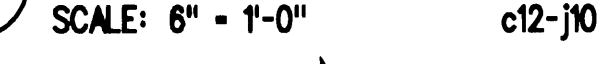
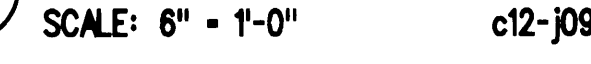
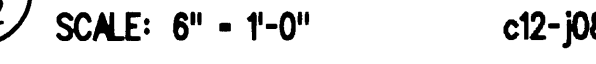
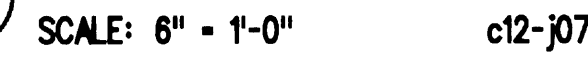
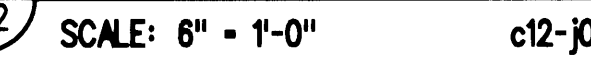
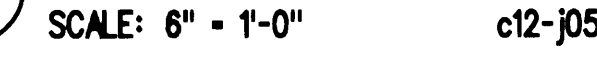
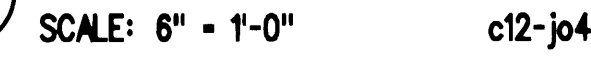
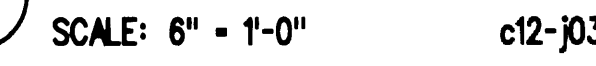
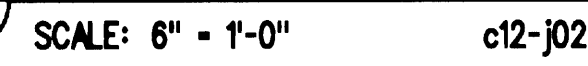


20

NO.	DATE	BY	DESCRIPTION

TITLE
**MILLWORK
DETAILS**

DESIGNED	EW/LB
DRAWN	EW/MT/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01



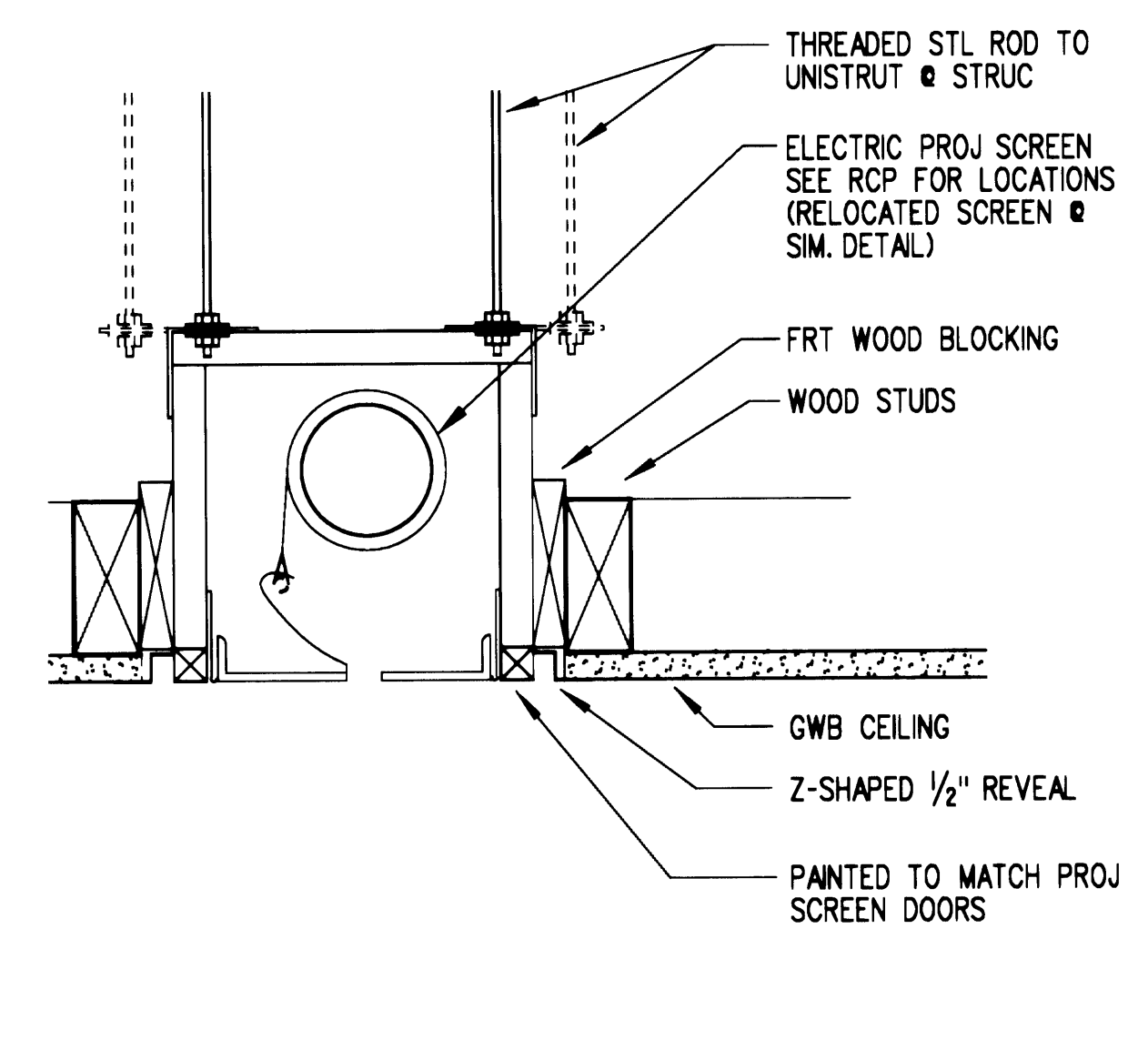
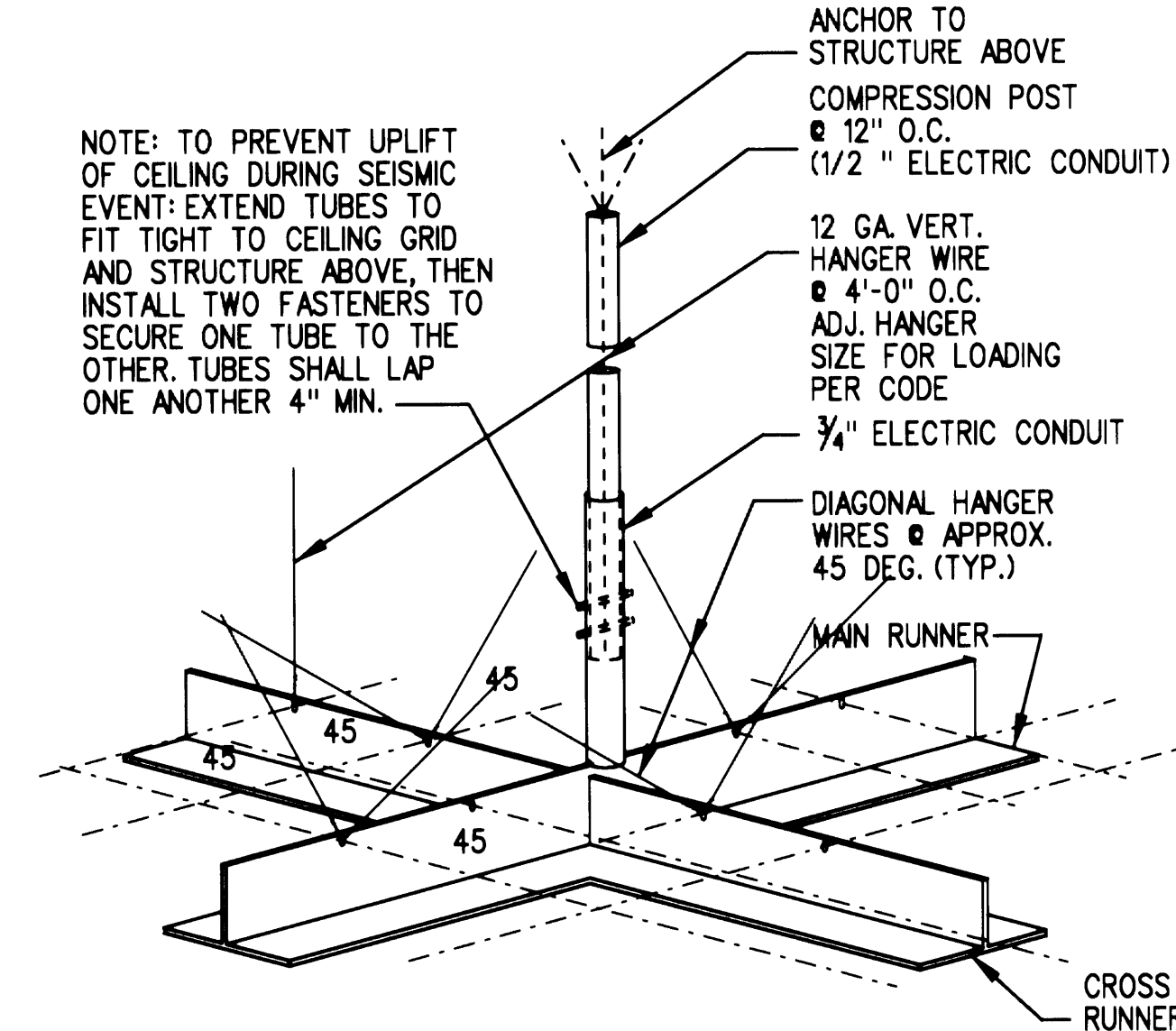
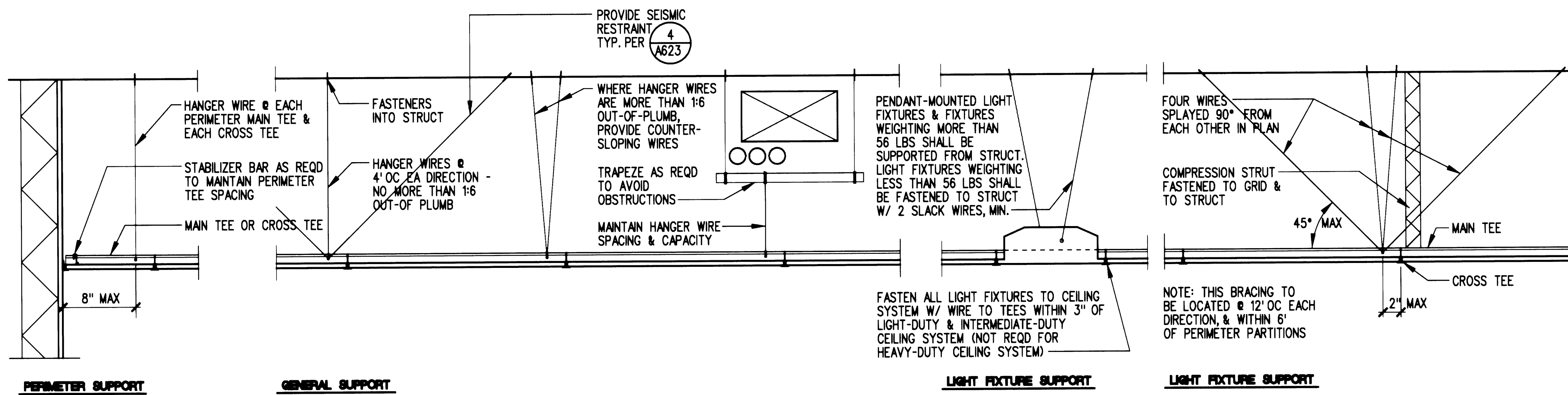
IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

EP #
5345-23

[illegible]

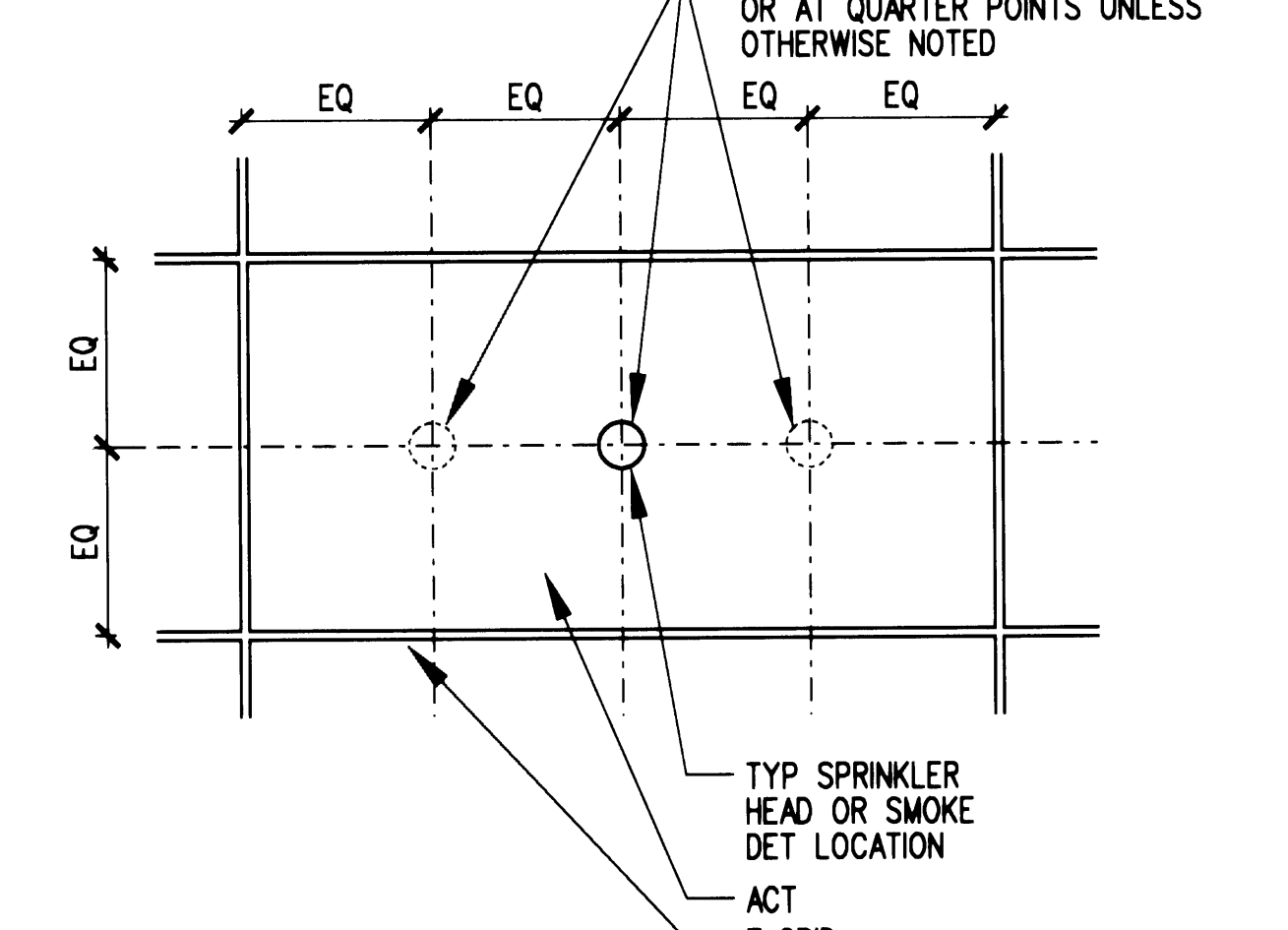
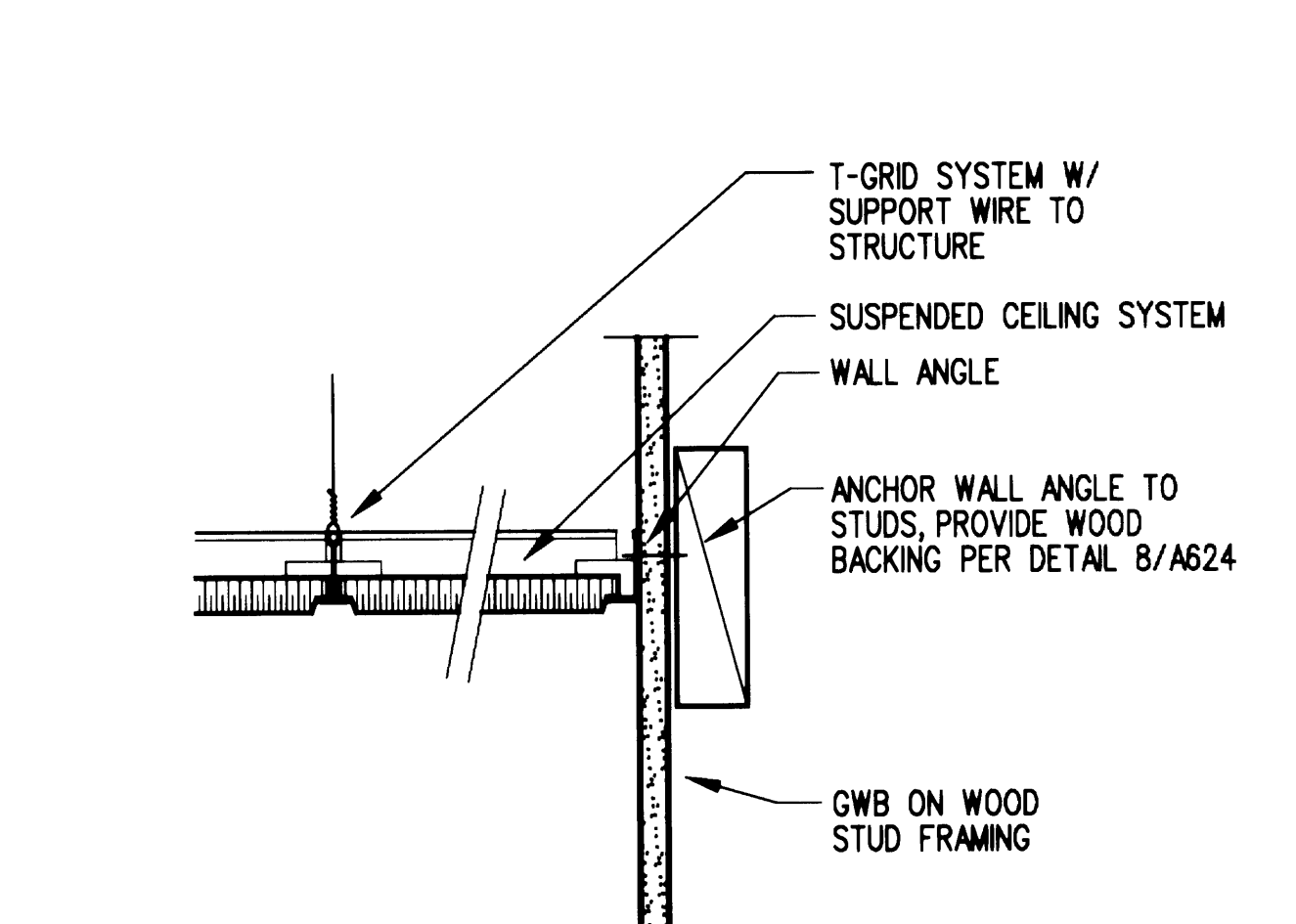
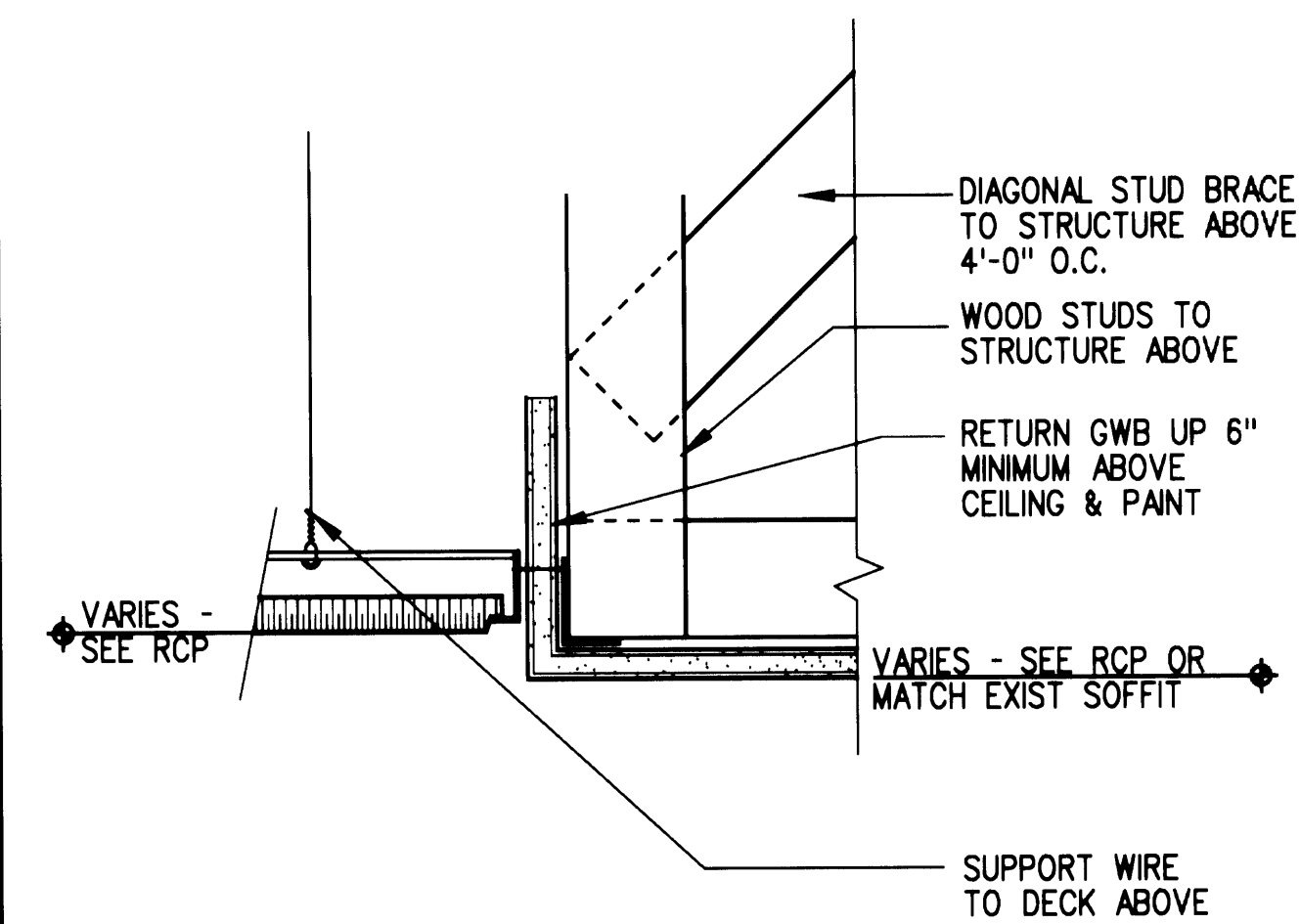
DESIGNED	EWALB
DRAWN	EWALB/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01

A622



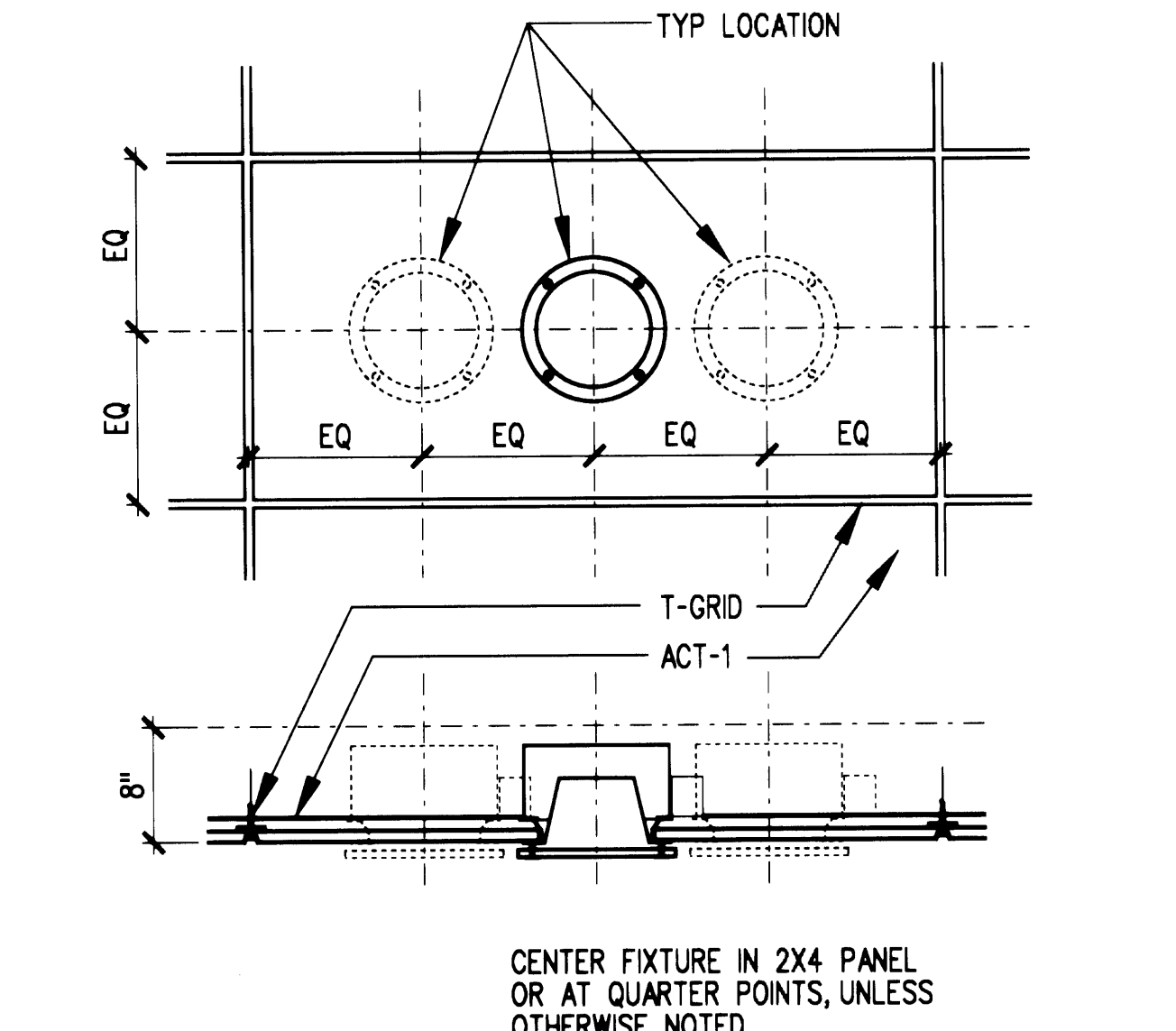
1 SUSPENDED CEILING SYSTEMS

SCALE: 1/2" = 1'-0" c32-d02



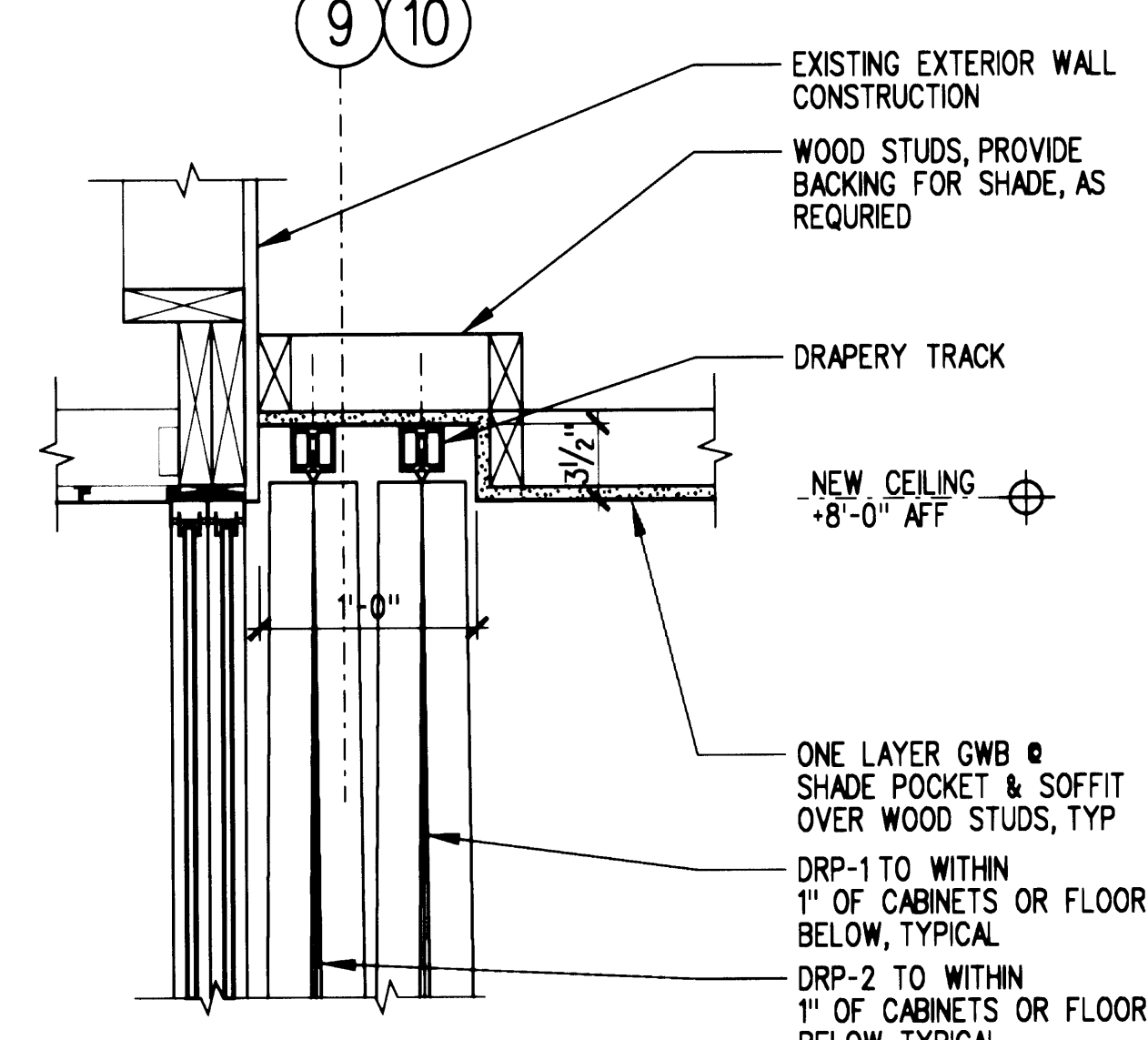
4 TYP. SUSP CLG. SEISMIC RESTRAINT

SCALE: 3/4" = 1'-0" c32-d04



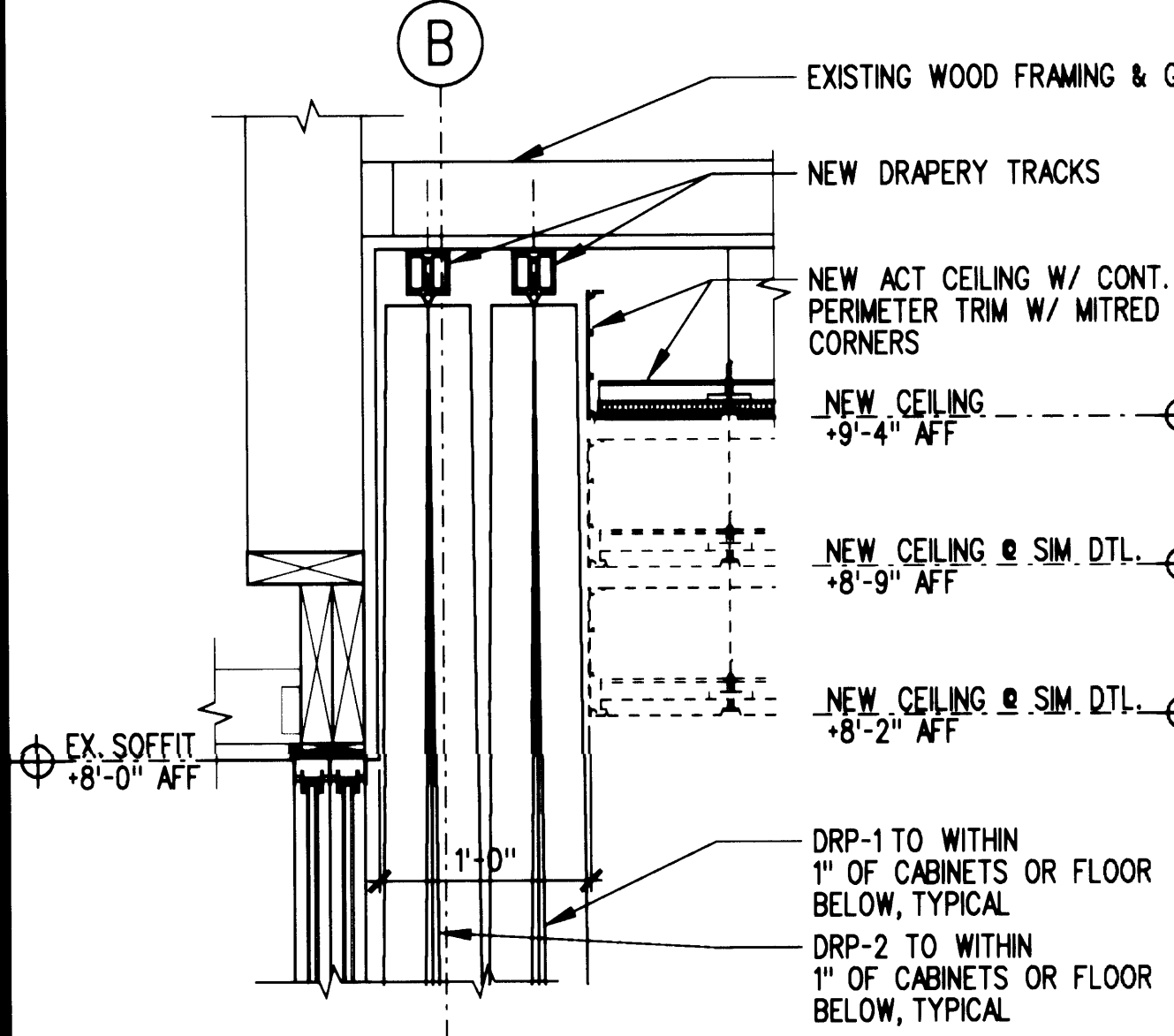
5 PROJECTOR SCREEN IN GWB CEILING

SCALE: 3" = 1'-0" c32-d03



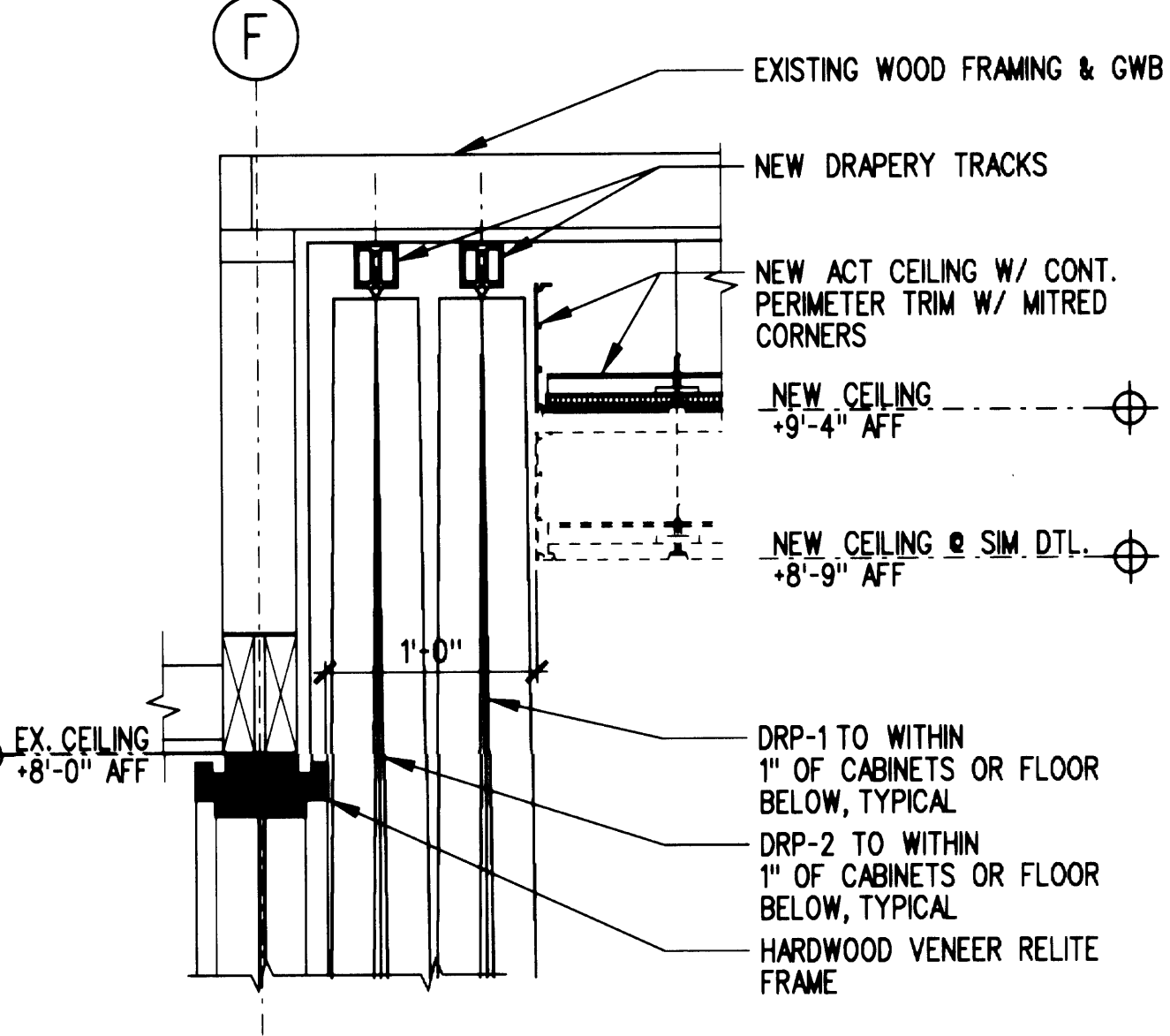
6 ACT/GWB TRANSITION

SCALE: 1/2" = 1'-0" c32-d01



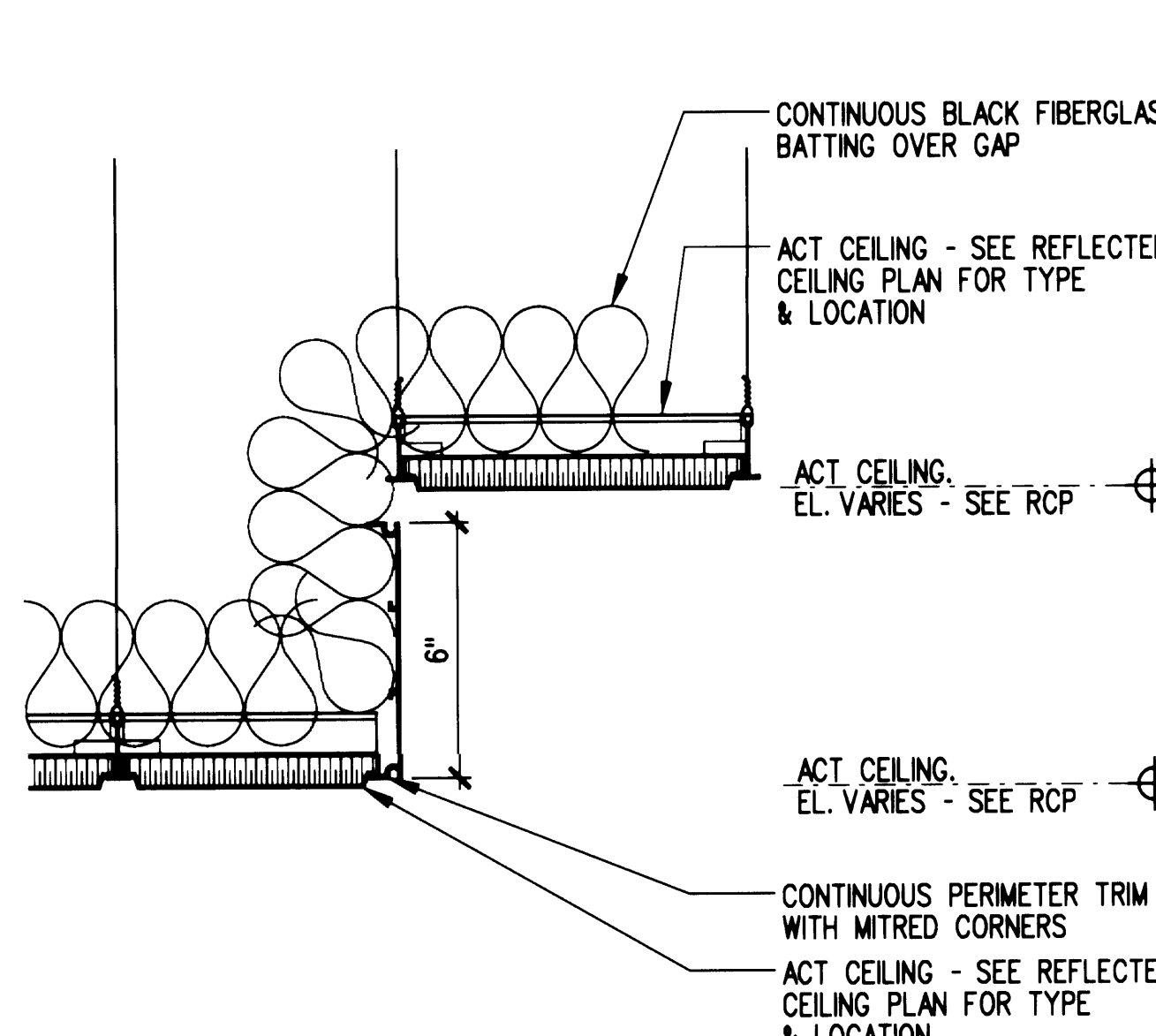
7 TYPICAL ACT/WALL DETAIL

SCALE: 3" = 1'-0" c32-d05



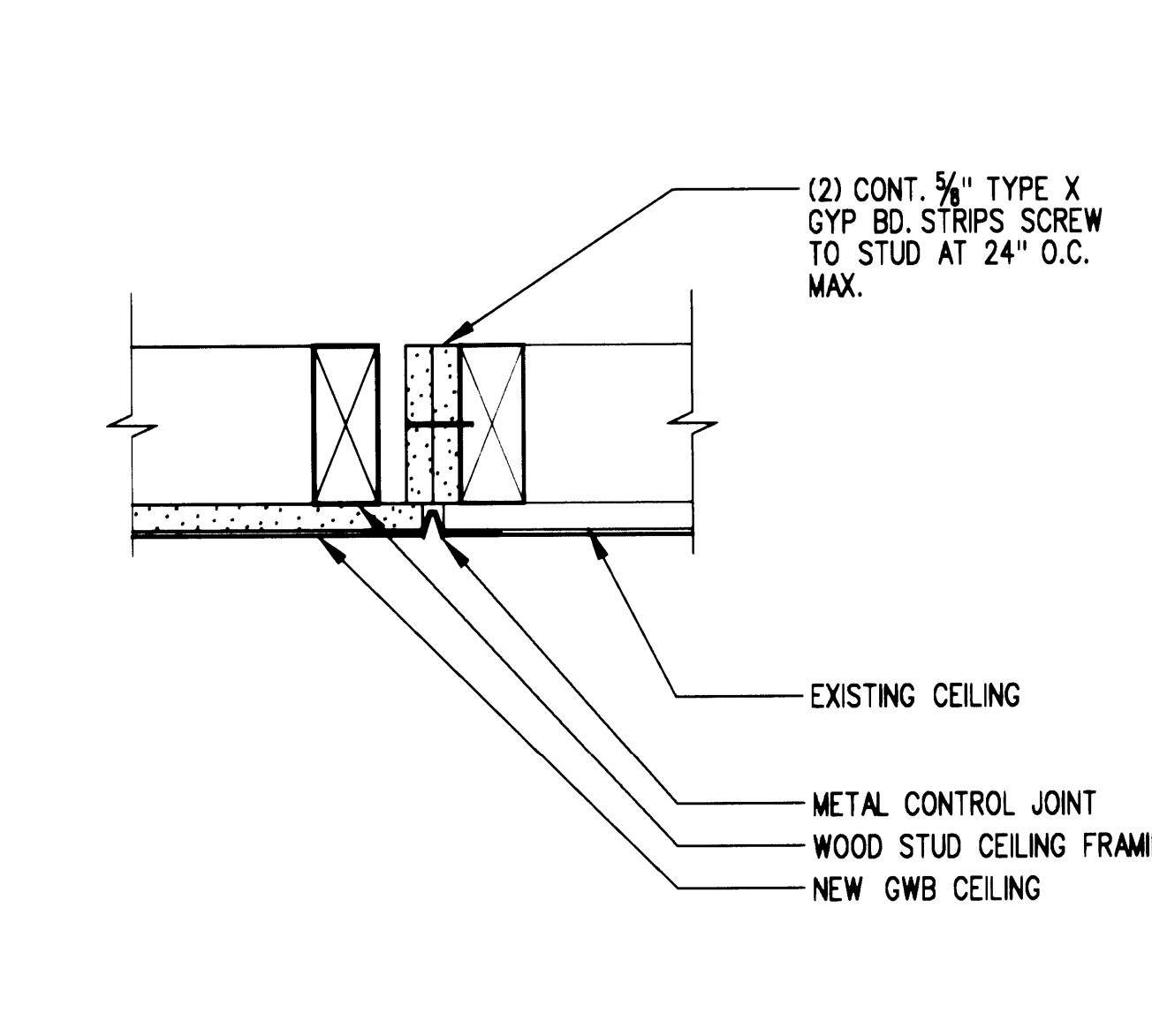
8 TYP SPRINKLER HEAD LOC IN ACT

SCALE: 1" = 1'-0" c32-d06



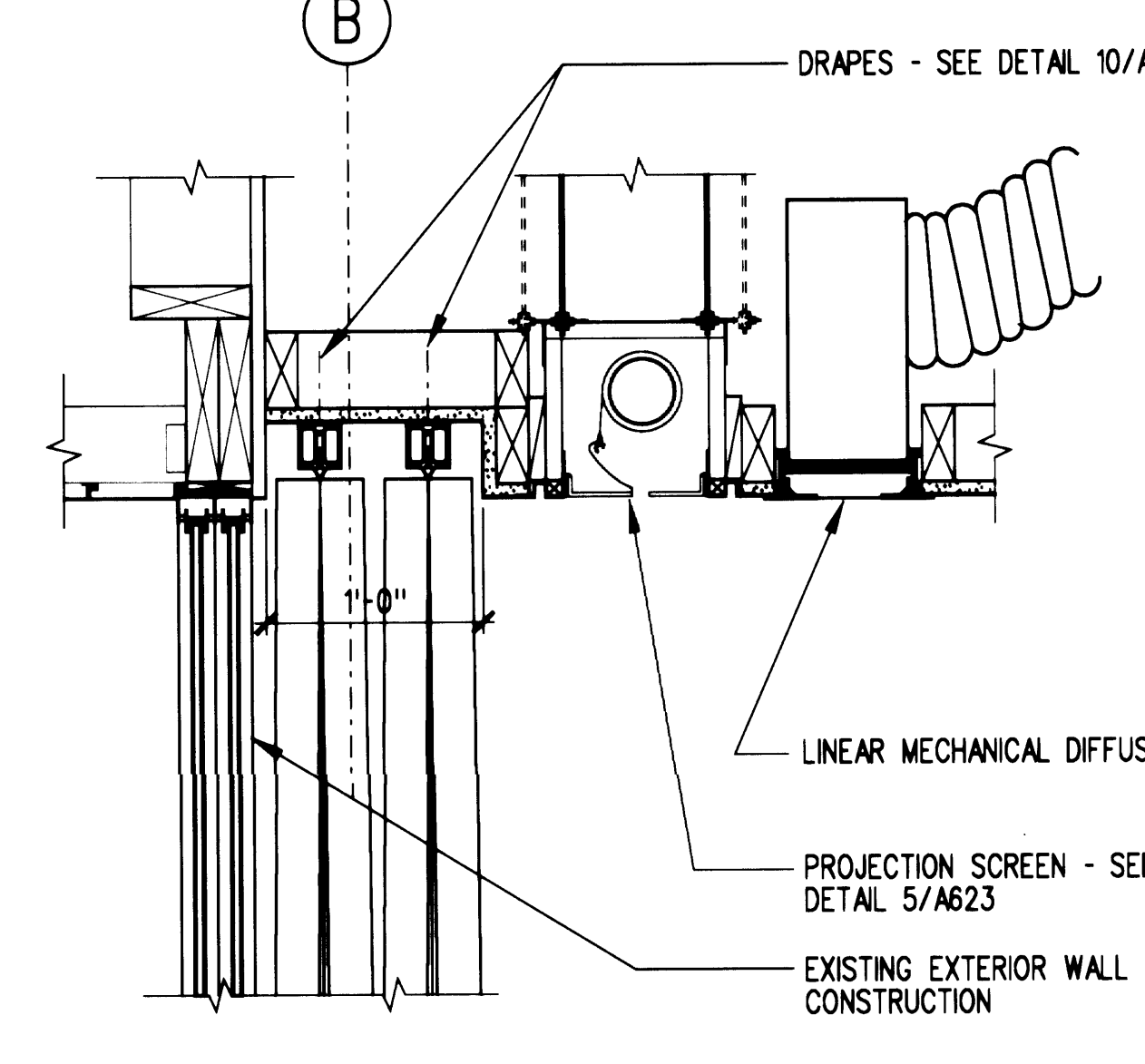
9 TYP RECESSED LTG LOC IN ACT

SCALE: 1" = 1'-0" c32-d07



10 DRAPE POCKET @ MAIN CONF. 109

SCALE: 1/2" = 1'-0" c32-d09



11 DRAPE POCKET @ CONFERENCE 121A

SCALE: 1/2" = 1'-0" c32-d09

12 DRAPE POCKET @ CONFERENCE 121A

SCALE: 1/2" = 1'-0" c32-d09

13 SECTION @ STEP @ ACT CEILING

SCALE: 3" = 1'-0" c32-d09

14 SECTION @ NEW/EXIST GWB CEILING

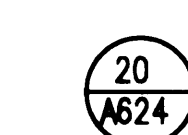
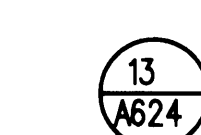
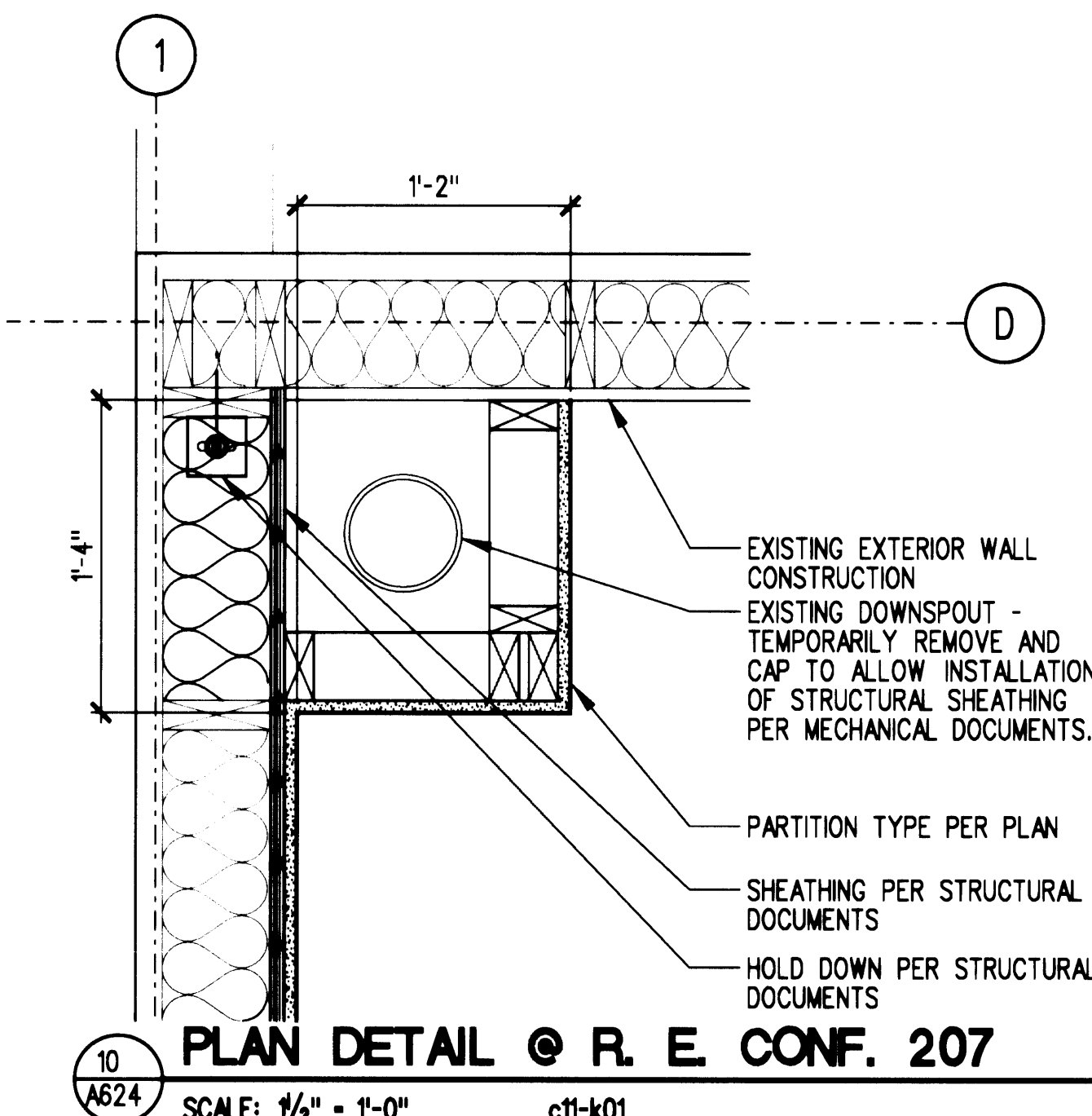
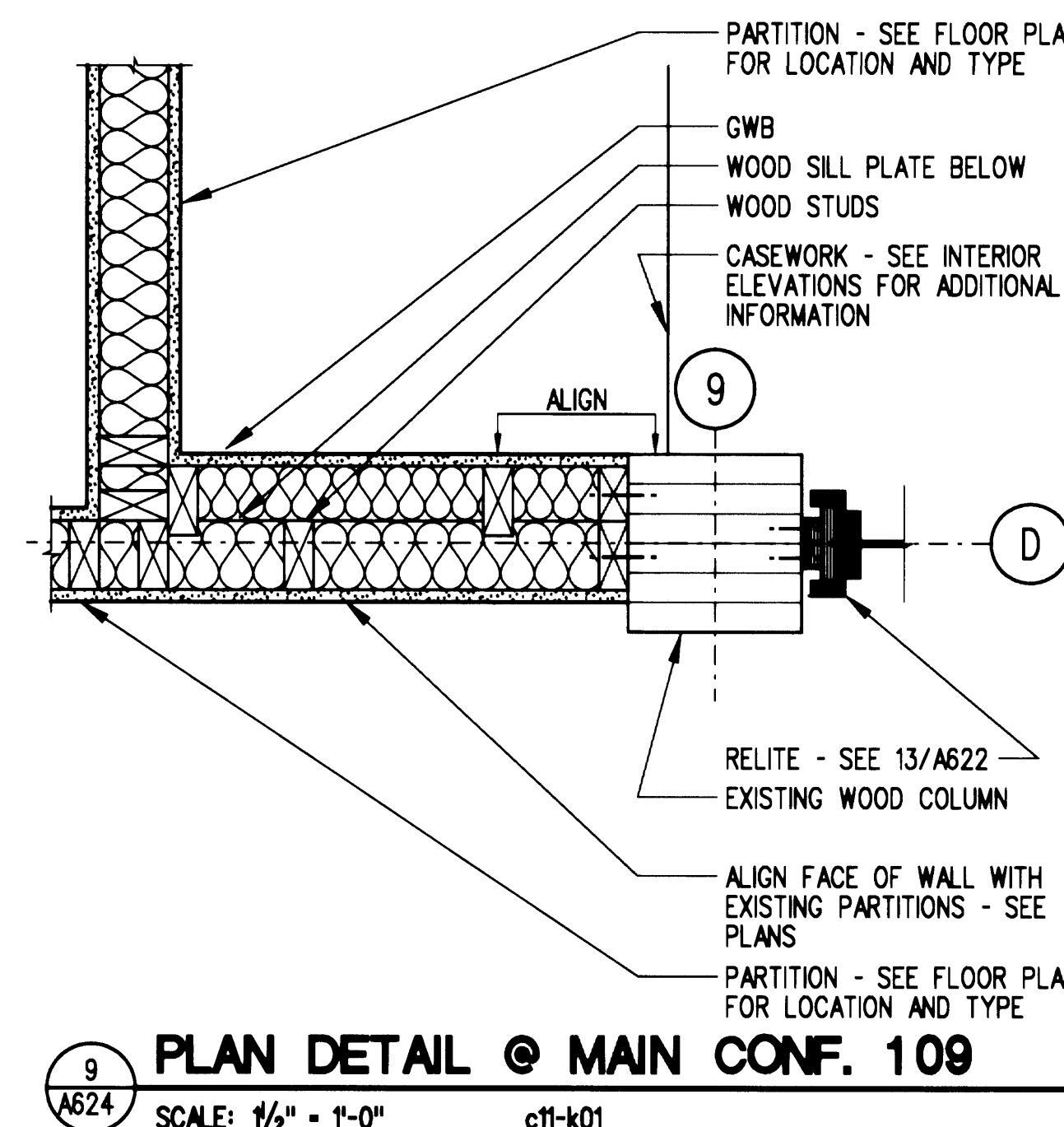
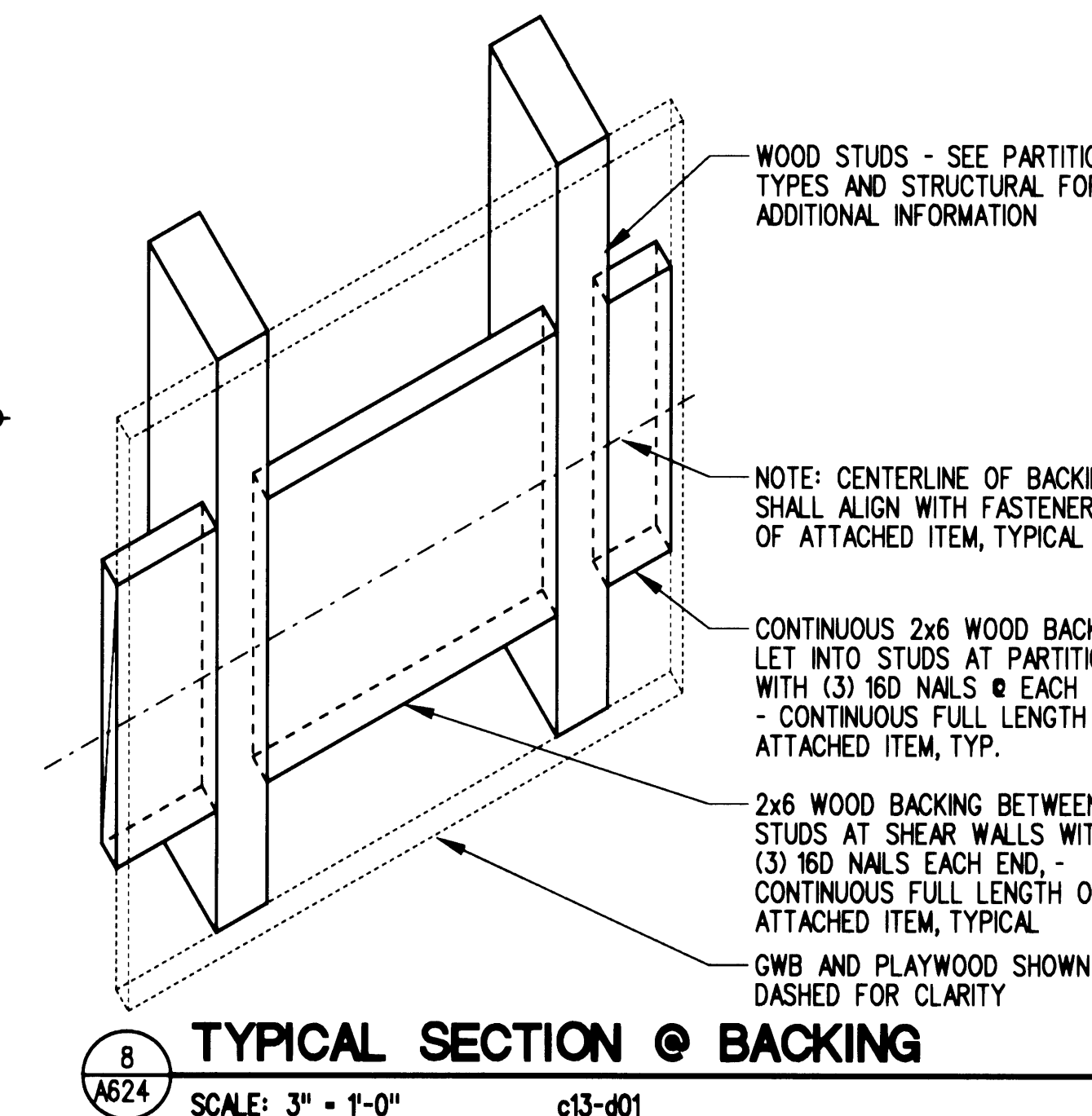
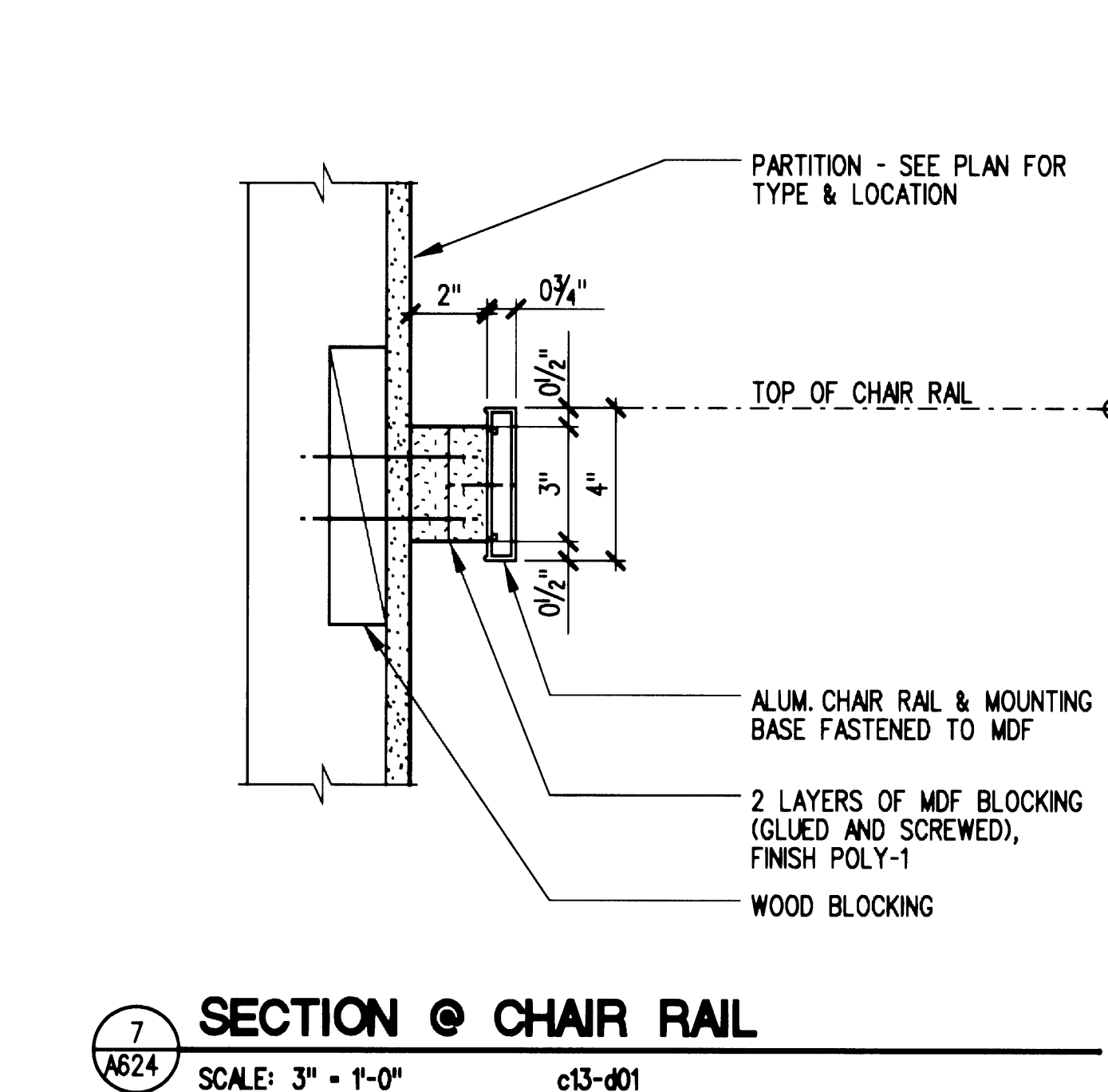
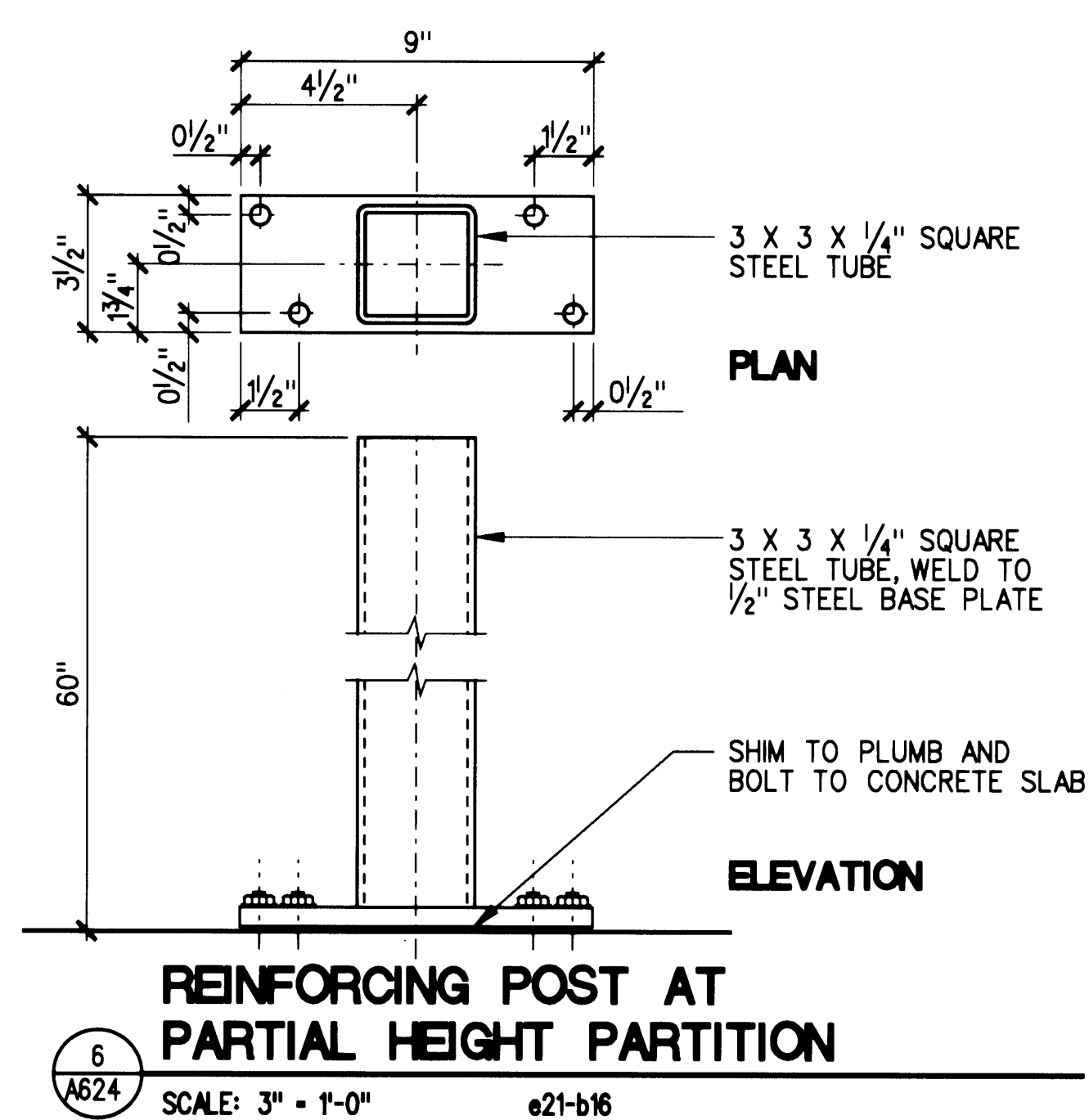
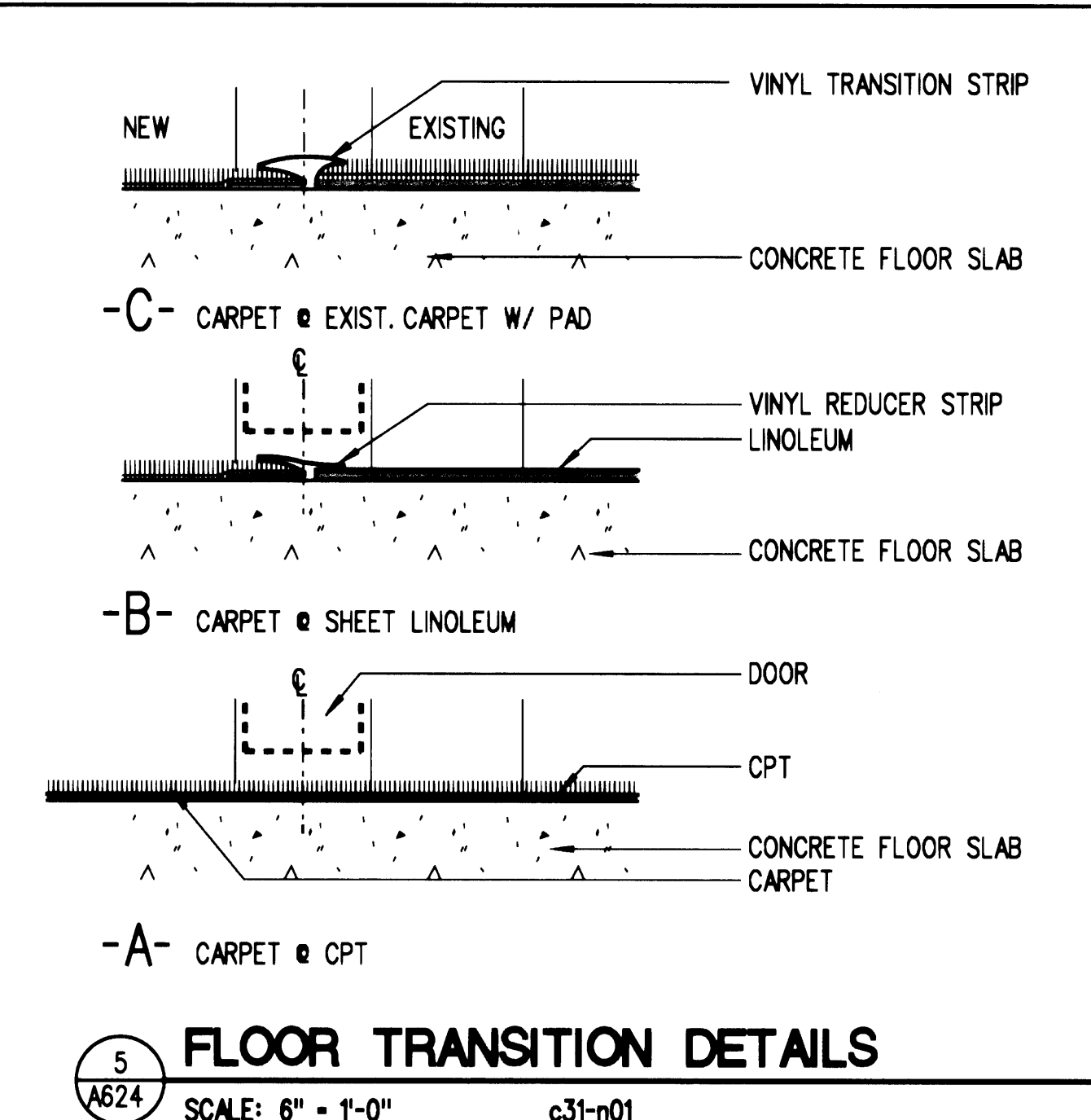
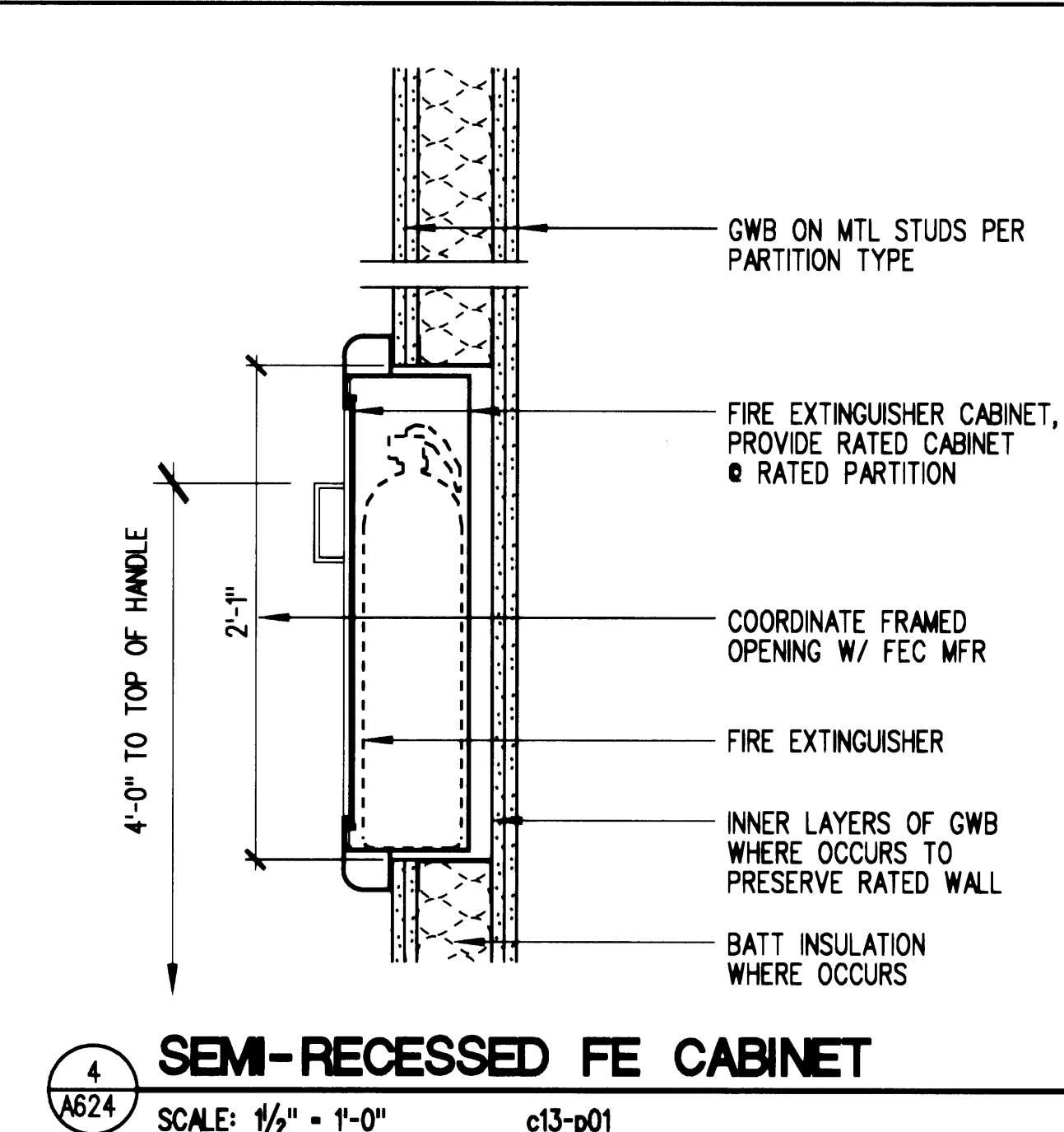
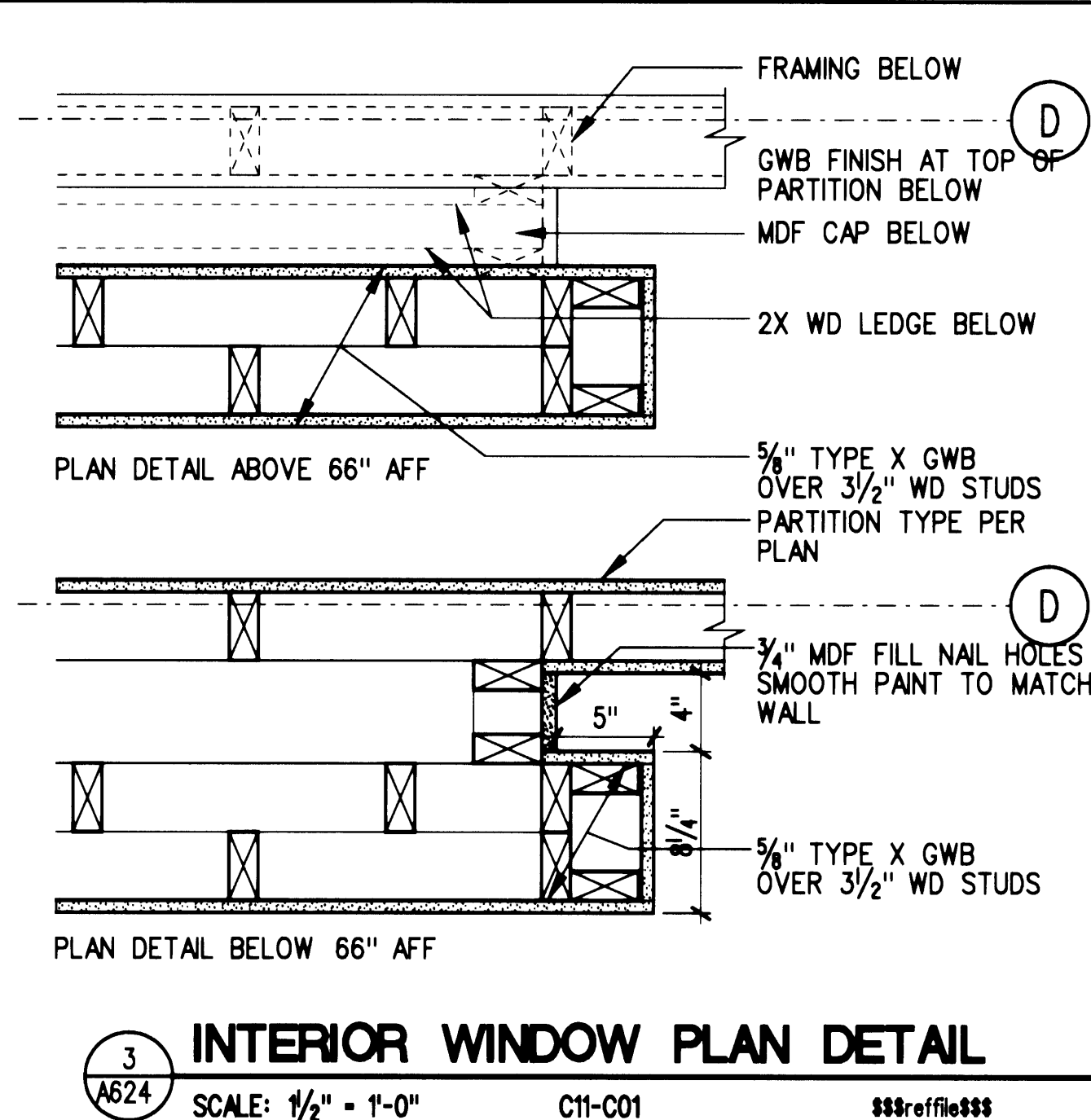
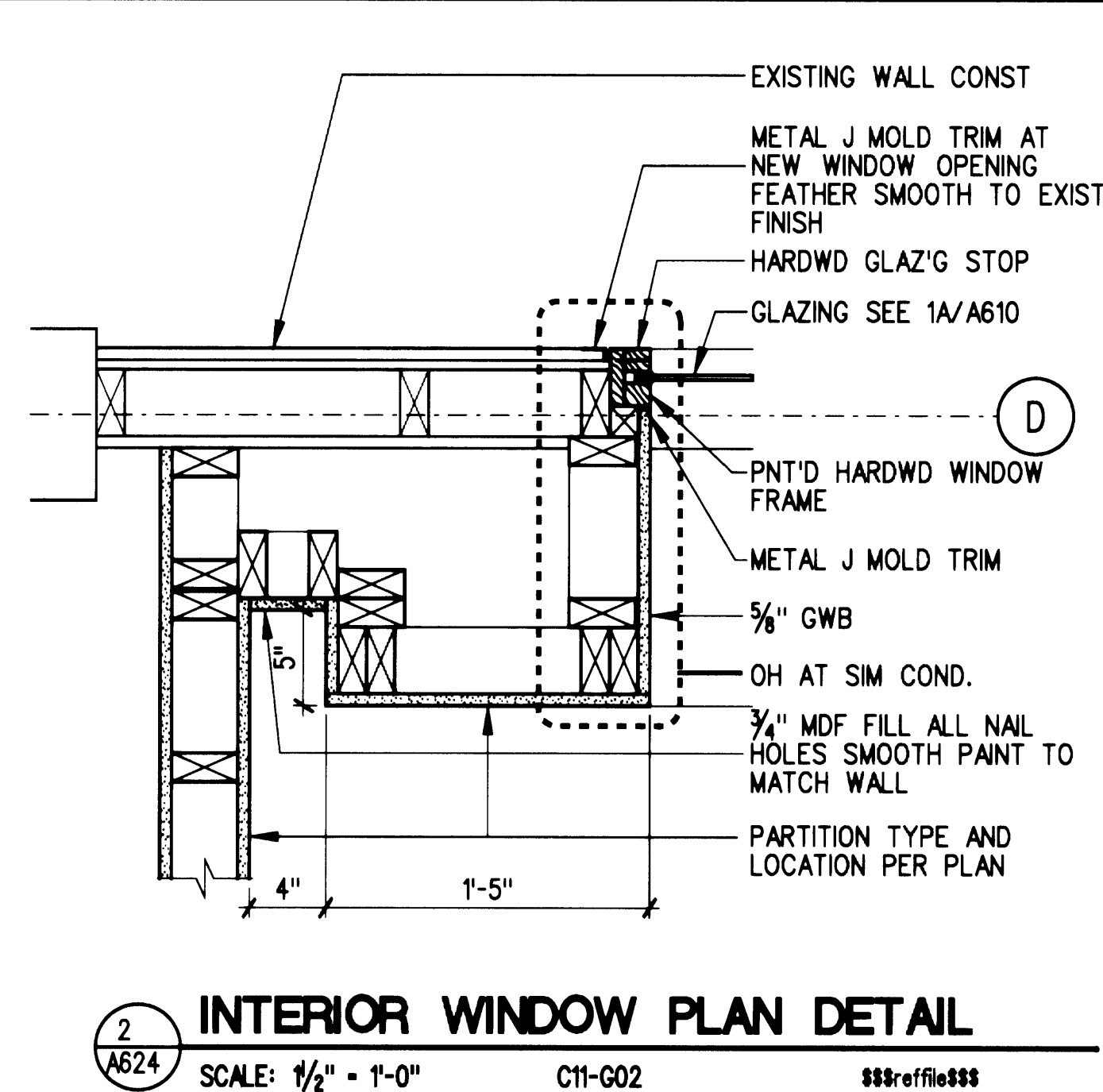
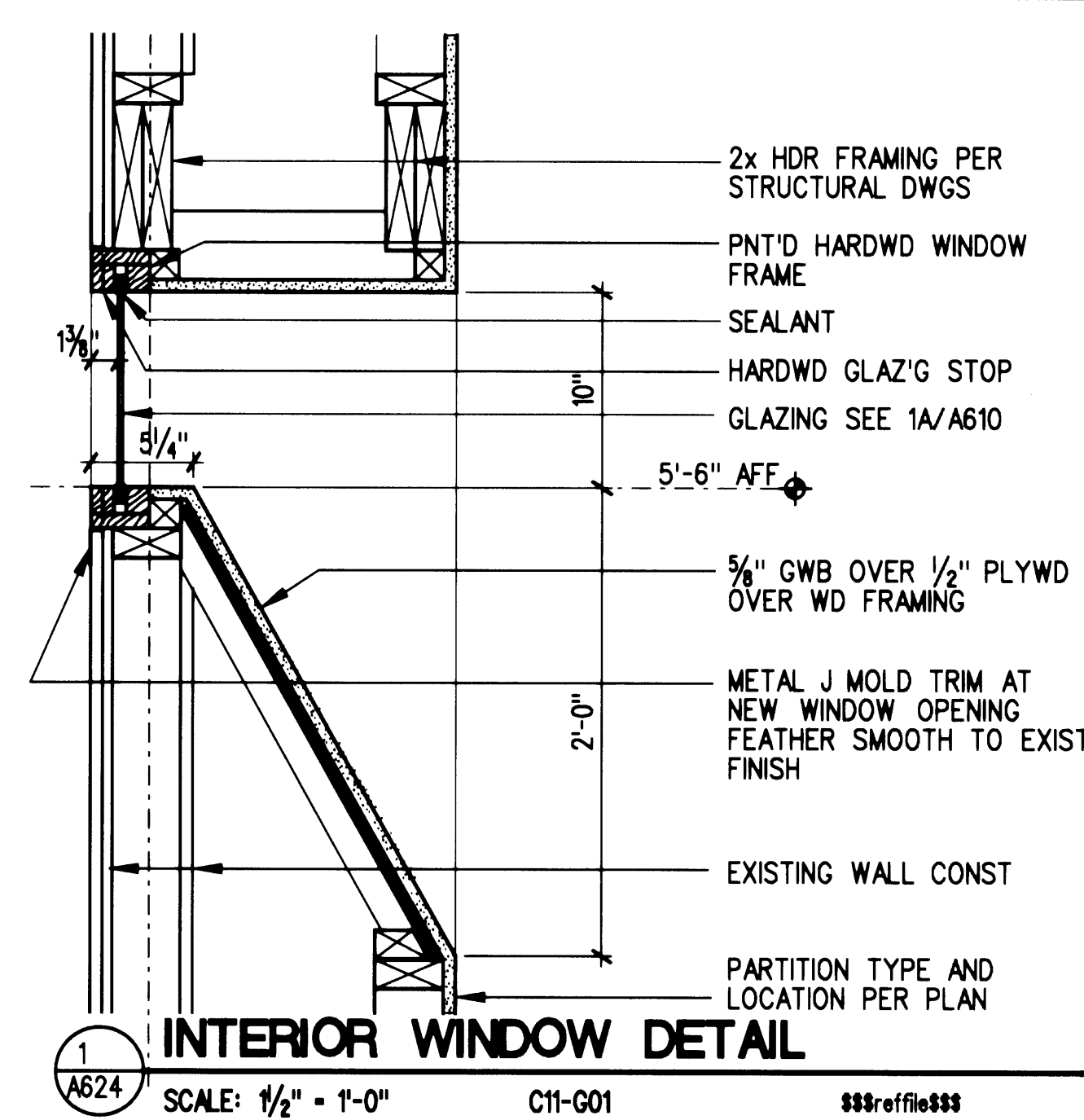
SCALE: 3" = 1'-0" c32-d09

15 DRAPE POCKET @ MAIN CONF. 109

SCALE: 1/2" = 1'-0" c32-d09

REVISIONS			
NO.	DATE	BY	DESCRIPTION

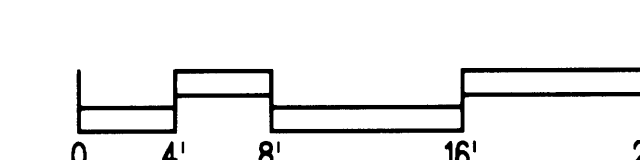
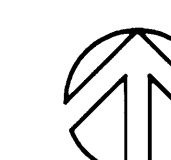
DESIGNED	EWL/B
DRAWN	EWMBT/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01





1. LIGHTING AND SWITCHING, PER ELECTRICAL DOCUMENTS, TYP.
2. MECHANICAL GRILLES AND THERMOSTATS, PER MECHANICAL DOCUMENTS, TYP.
3. FIRE SPRINKLER AND FIRE SAFETY SYSTEM MODIFICATIONS, BIDDER DESIGN BY GENERAL CONTRACTOR
4. SEE STRUCTURAL DOCUMENTS FOR REPAIRS TO EXISTING BEAMS AND COLUMNS
4. ALL NEW CEILING SHOWN AS 2x4 ACT SHALL BE ACT-1 UNLESS NOTED OTHERWISE

1 FIRST LEVEL REFLECTED CEILING PLAN
A701 SCALE: 1/8" = 1'-0"

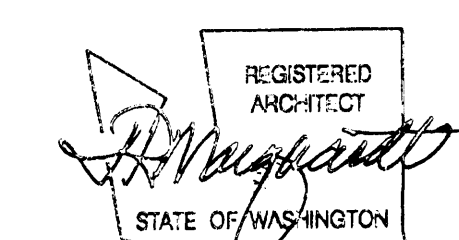


Approved _____ Date 3.5.2002
 Jimmy A. Lincoln
 Senior Director of Facilities Development

IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23

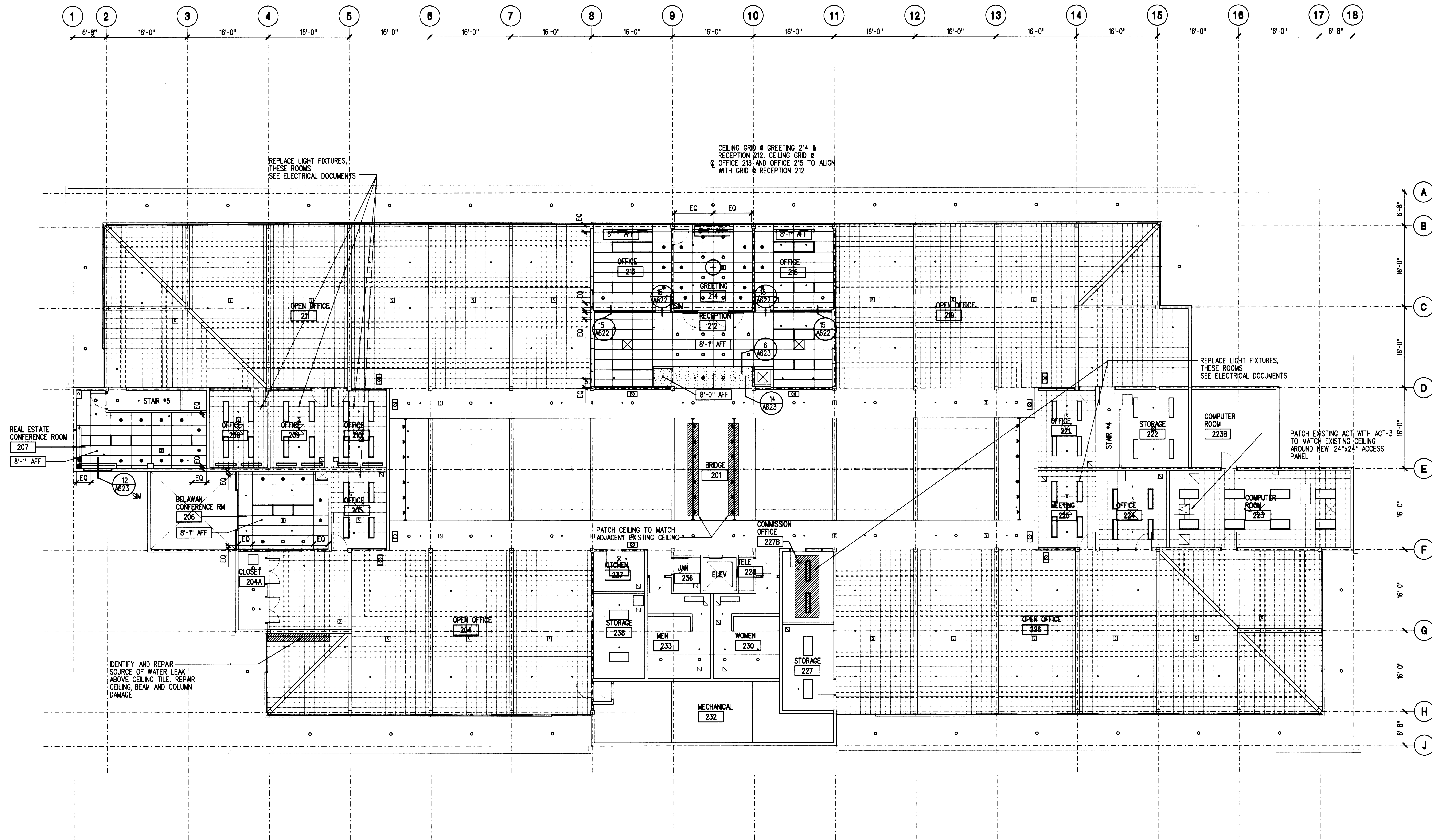
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TITLE

**FIRST LEVEL
REFLECTED
CEILING PLAN**

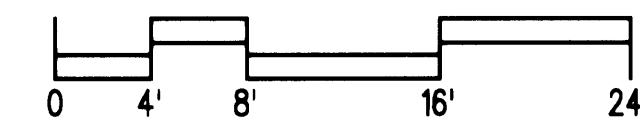
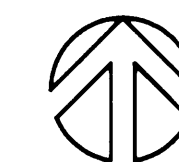
DESIGNED	CB/LB
DRAWN	EN/BT/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01

A701



NOTES:

1. LIGHTING AND SWITCHING, PER ELECTRICAL DOCUMENTS, TYP.
2. MECHANICAL GRILLES AND THERMOSTATS, PER MECHANICAL DOCUMENTS, TYP.
3. FIRE SPRINKLER AND FIRE SAFETY SYSTEM MODIFICATIONS, BIDDER DESIGN BY GENERAL CONTRACTOR
4. SEE STRUCTURAL DOCUMENTS FOR REPAIRS TO EXISTING BEAMS AND COLUMNS
5. ALL NEW CEILING SHOWN AS 2x4 ACT SHALL BE ACT-1, UNLESS NOTED OTHERWISE

1 SECOND LEVEL REFLECTED CEILING PLAN
A702 SCALE: 1/8" = 1'-0"

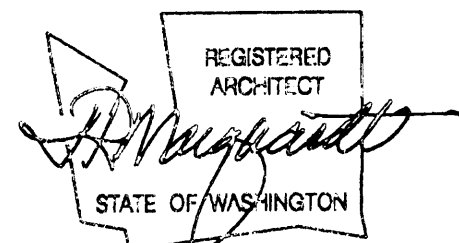
Approved

Date 3-5-2002
Senior Director of Facilities Development

IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23



REVISIONS

NO.	DATE	BY	DESCRIPTION

TITLE

SECOND LEVEL
REFLECTED
CEILING PLAN

DESIGNED

DRAWN PS & JDL

CHECKED

DATE

CADD FILE

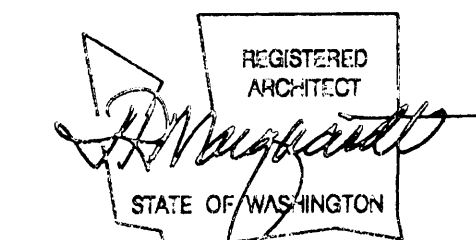
JOB NUMBER 99079-01

A702



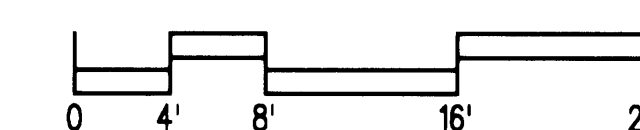
CONTRACT #
998084

EP #
5345-23



1. WHERE NO NEW FLOOR FINISH IS INDICATED, EXISTING FLOOR FINISH IS TO REMAIN INTACT.
2. RB-1 INSTALLED WHERE NEW WALL AND/OR NEW FLOORING OCCURS, UNLESS OTHERWISE NOTED.
3. LEVEL AND PREPARE ENTIRE EXISTING ATRIUM TILE FLOORING TO ACCEPT CARPET, PER SPECIFICATIONS.
4. 12" X 12" LINOLEUM TILE FLOOR (LIN) TO BE INSTALLED WITH A RANDOM PATTERN:

50% LT-1
 25% LT-2
 25% LT-3



REVISIONS			
NO.	DATE	BY	DESCRIPTION

TITLE

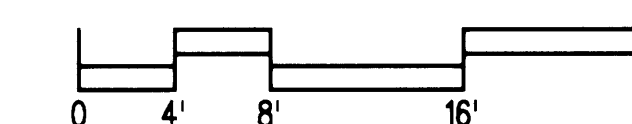
FIRST LEVEL FLOOR FINISH PLAN

DESIGNED	CB/LB
DRAWN	EN/SY/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01

A801



1. WHERE NO NEW FLOOR FINISH IS INDICATED, EXISTING FLOOR FINISH IS TO REMAIN INTACT.
2. RB-1 INSTALLED WHERE NEW WALL AND/OR NEW FLOORING OCCURS, UNLESS OTHERWISE NOTED.



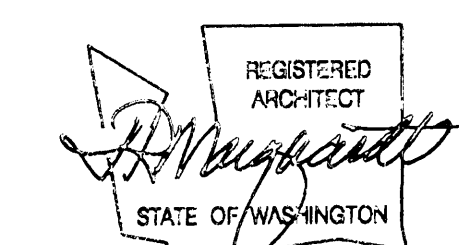
Approved _____ Date 3-5-2009

 Stanley A. Lincoln
 Senior Director of Facilities Development

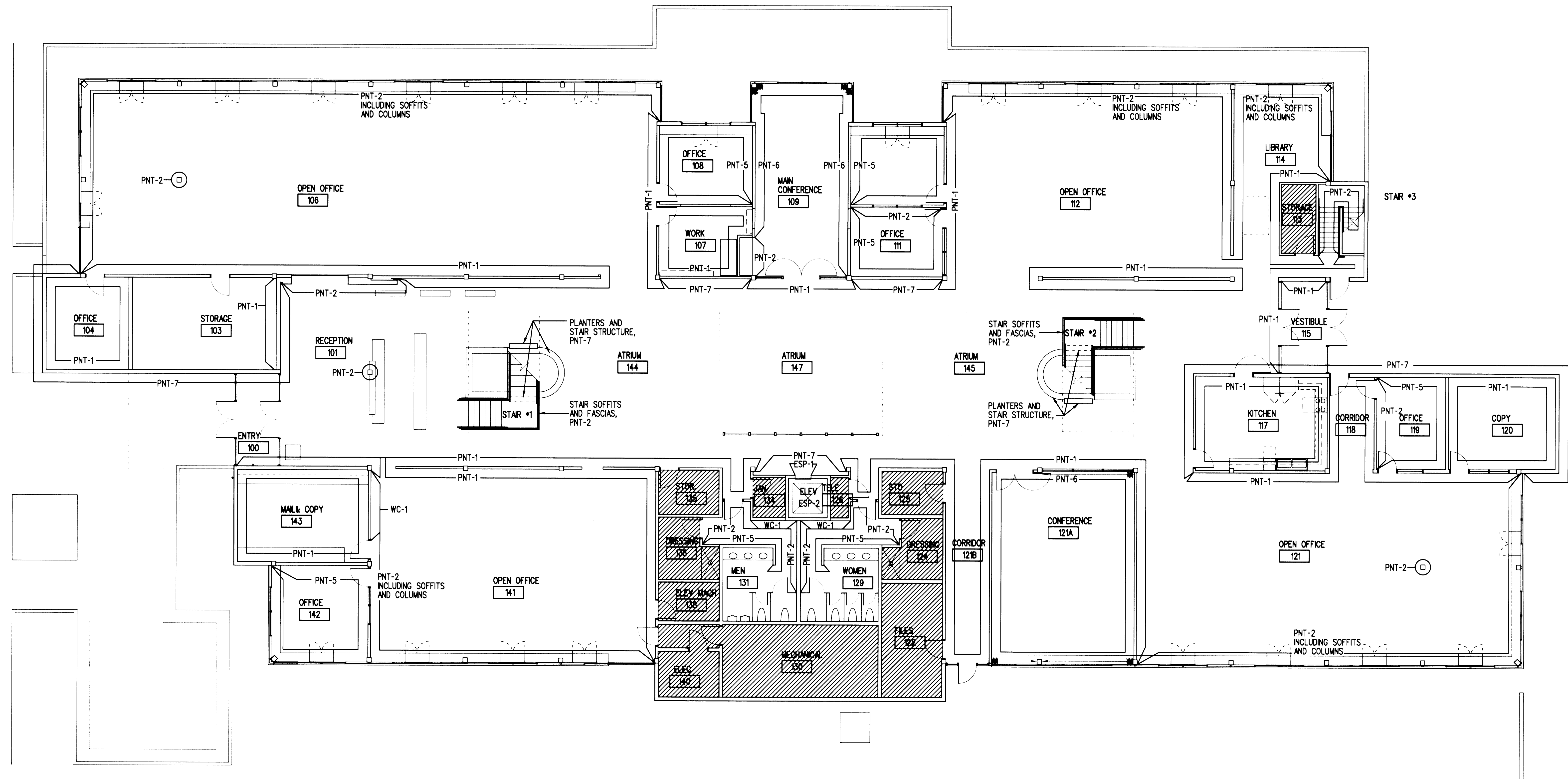
IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23

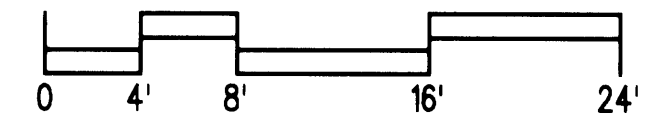
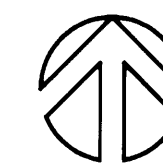
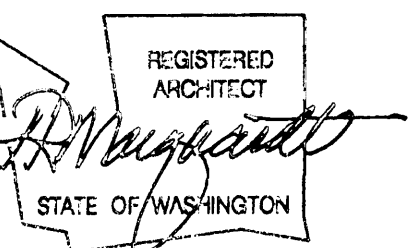
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A802

ADMINISTRATIVE OFFICE
BUILDING RENOVATION

NOTES:

- EXISTING SYSTEMS FURNITURE AND ANCILLARY FURNISHINGS REMAIN IN PLACE IN ALL BUT SECOND FLOOR NORTHWEST QUADRANT. SEE A901 AND A902.
- ALL EXISTING AND NEW DOORS AND FRAMES TO BE PAINTED PNT-1, SEMI-GLOSS FINISH, UNLESS OTHERWISE NOTED.
- EXISTING BLACK FINISHED ALUMINUM OFFICE FRONTS AND FRAMES TO BE CLEANED AND TOUCHED UP TO MATCH EXISTING.
- EXISTING CASEWORK TO BE CLEANED AND REMAIN UNPAINTED.
- INDICATES NO WALL PAINTING SCOPE IN THESE AREAS.
- ALL PAINT TO BE SEMI-GLOSS FINISH UNLESS OTHERWISE NOTED.
- WC-1 TO BE INSTALLED RAILROADED, 72" WIDTH TO RUN LENGTHWISE ON WALL.
- ESP-1 TO OCCUR ON ELEVATOR HOISTWAY DOORS AND FRAMES INSIDE AND OUTSIDE OF CAB (ALL SURFACES NOT STAINLESS STEEL). WHERE STAINLESS STEEL OCCURS IN ELEVATOR CAB, IT IS TO REMAIN. ESP-2 TO OCCUR ON INTERIOR ELEVATOR CAB METAL PANELS.

1 FIRST LEVEL WALL FINISH PLAN
SCALE: 1/4" = 1'-0"Approved
[Signature]
Senior Director of Facilities Development
Date 3-15-2002IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCEDCONTRACT #
998084EP #
5345-23

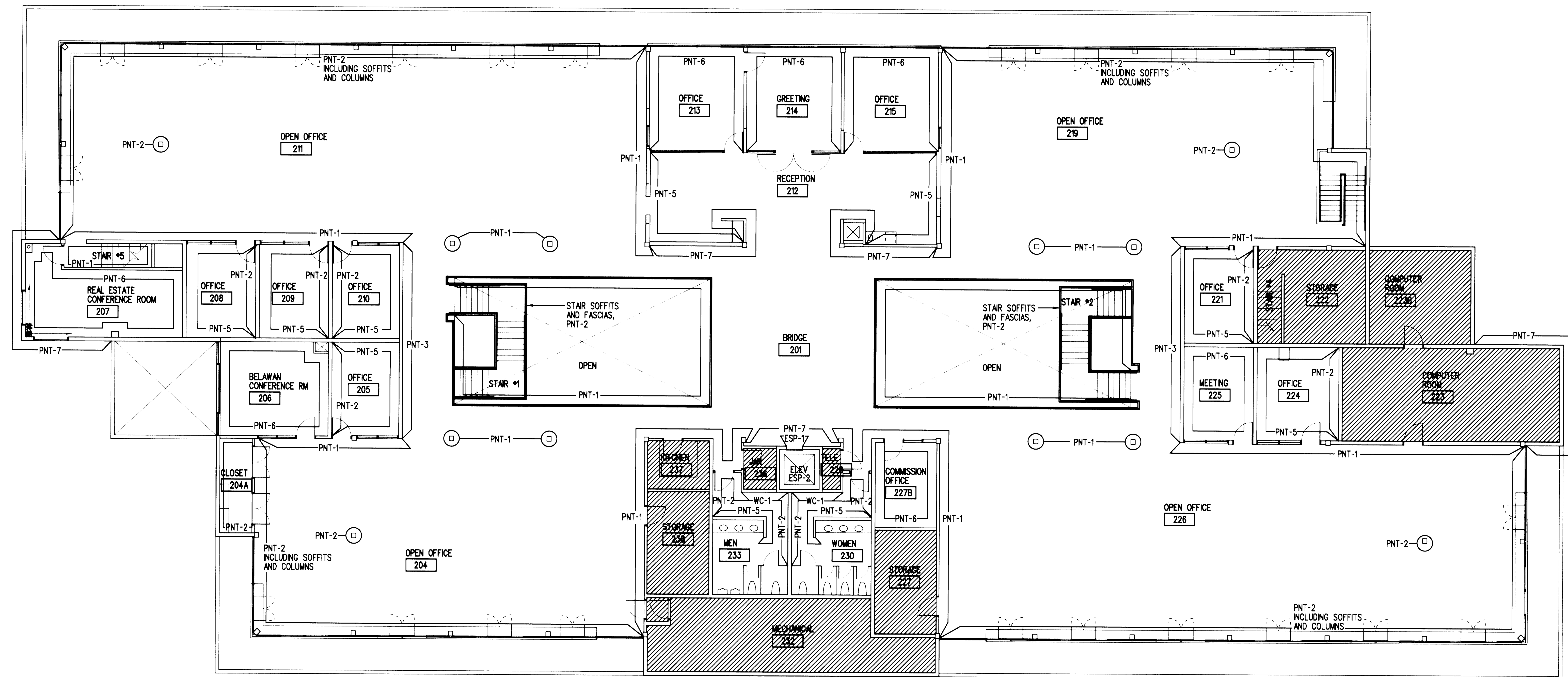
NO.	DATE	BY	DESCRIPTION

TITLE

FIRST LEVEL
WALL FINISH
PLAN

DESIGNED	CB/LB
DRAWN	EN/ST/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01

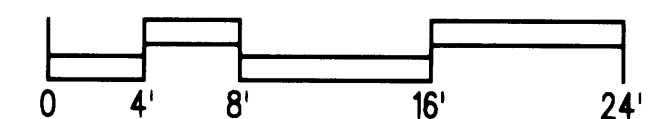
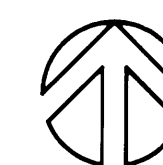
A811



NOTES:

- EXISTING SYSTEMS FURNITURE AND ANCILLARY FURNISHINGS REMAIN IN PLACE IN ALL BUT SECOND FLOOR NORTHWEST QUADRANT. SEE A901 AND A902.
- ALL EXISTING AND NEW DOORS AND FRAMES TO BE PAINTED PNT-1, SEMI-GLOSS FINISH, UNLESS OTHERWISE NOTED.
- EXISTING BLACK FINISHED ALUMINUM OFFICE FRONTS AND FRAMES TO BE CLEANED AND TOUCHED UP TO MATCH.
- EXISTING CASEWORK TO BE CLEANED AND REMAIN UNPAINTED.
- INDICATES NO WALL PAINTING SCOPE IN THESE AREAS.
- ALL PAINT TO BE SEMI-GLOSS FINISH UNLESS OTHERWISE NOTED.
- WC-1 TO BE INSTALLED RAILROADED, 72" WIDTH TO RUN LENGTHWISE ON WALL.
- ESP-1 TO BE INSTALLED ON ELEVATOR HOISTWAY DOORS AND FRAMES INSIDE AND OUTSIDE OF CAB. WHERE STAINLESS STEEL OCCURS IN ELEVATOR CAB, IT IS TO REMAIN.

1 SECOND LVL WALL FINISH PLAN
A812 SCALE: 1/4" = 1'-0"

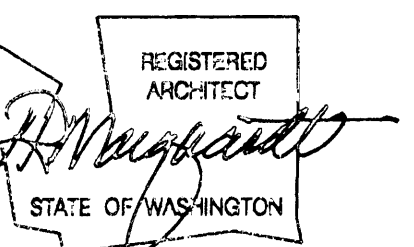


Approved: *[Signature]* Date: 3/3/2002
Senior Director of Facilities Development

IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23



NO.	DATE	BY	DESCRIPTION

TITLE
SECOND LEVEL
WALL FINISH
PLAN

DESIGNED	CB/LB
DRAWN	EN/RT/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01

A812

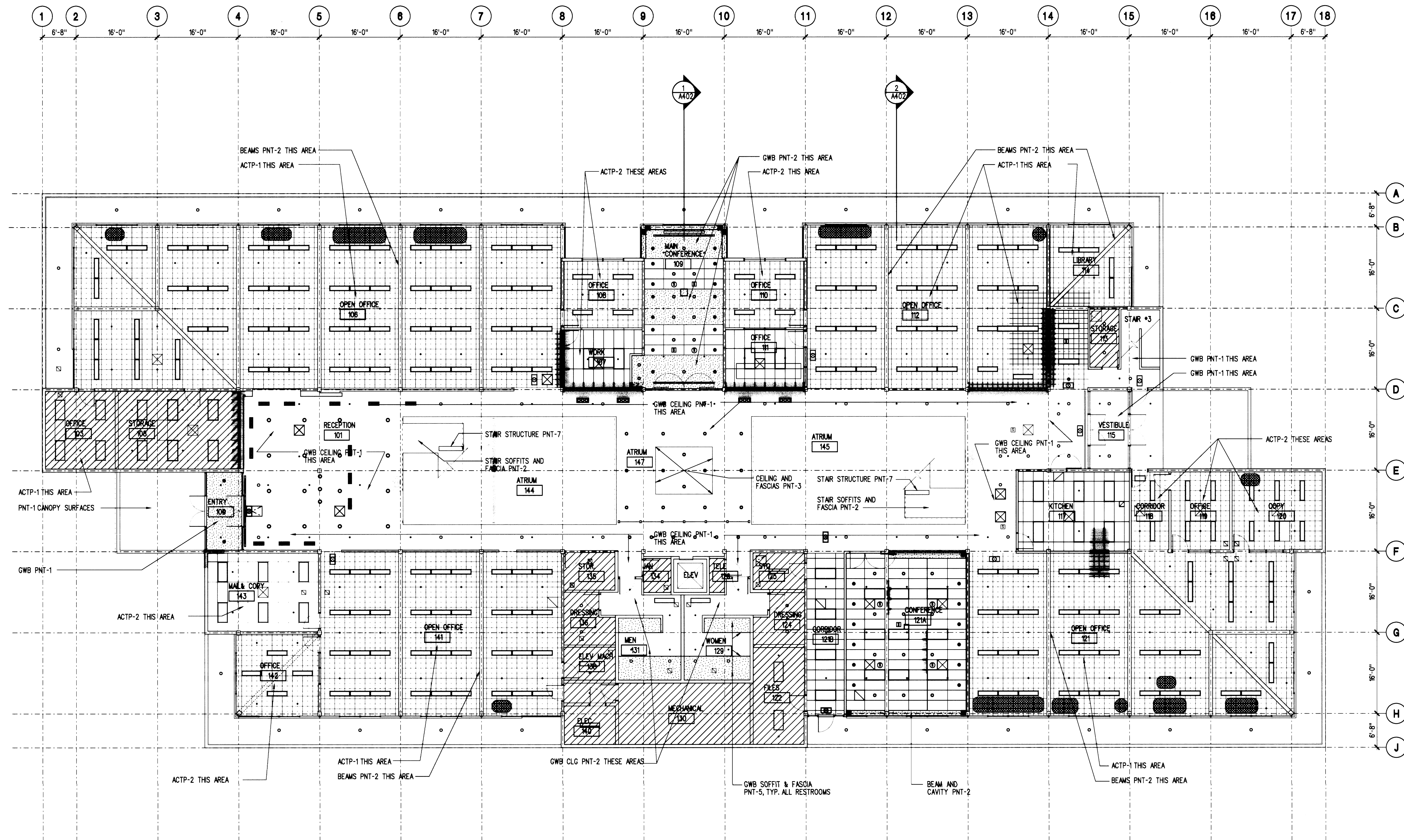
REVISIONS

NO.	DATE	BY	DESCRIPTION

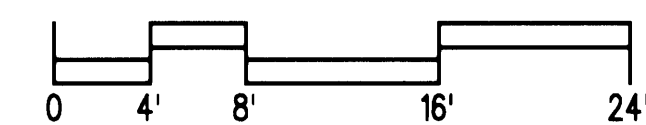
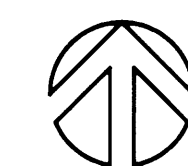
TITLE

FIRST LEVEL
REFLECTED
CEILING FINISH PLAN

DESIGNED	CB/LB
DRAWN	EN/ST/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01



1 FIRST LEVEL REFLECTED CEILING PAINT COLOR LOCATION PLAN
A813 SCALE: 1/4" = 1'-0"



NOTES:

1. MASK/PROTECT ALL CEILING MOUNTED DEVICES, LIGHT FIXTURES, AND LIGHT FIXTURE SUSPENSION HARDWARE PRIOR TO PAINTING
2. CLEAN AND CAULK ALL BEAM TO BEAM AND BEAM TO COLUMN JOINTS PRIOR TO PAINTING
3. PROTECT ALL ADJACENT EXISTING AND NEW WORK AND FURNITURE DURING PAINTING
4. NOTES DESIGNATING PNT TYPE ARE TYPICAL FOR LIKE SPACES THROUGHOUT THE ROOM INDICATED UON.

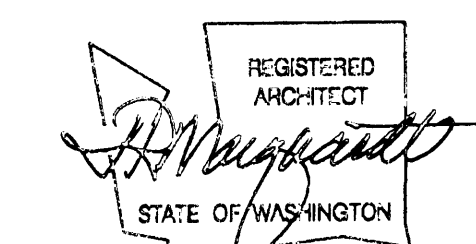


1. MASK/PROTECT ALL CEILING MOUNTED DEVICES, LIGHT FIXTURES, AND LIGHT FIXTURE SUSPENSION HARDWARE PRIOR TO PAINTING
2. CLEAN AND CAULK ALL BEAM TO BEAM AND BEAM TO COLUMN JOINTS PRIOR TO PAINTING
3. PROTECT ALL ADJACENT NEW AND EXISTING WORK AND FURNITURE DURING PAINTING
4. NOTES DESIGNATING PNT TYPE ARE TYPICAL FOR LIKE SPACES THROUGHOUT THE ROOM INDICATED UON.

IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23

[illegible]

TITLE

**SECOND LEVEL
REFLECTED
CEILING FINISH PLAN**

DESIGNED
DRAWN
CHECKED
DATE
CADD FILE
JOB NUMBER 99079-01



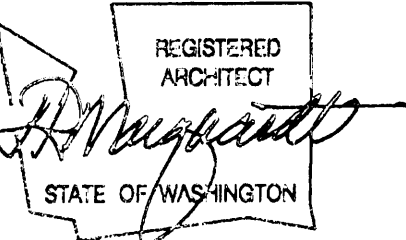
ADMINISTRATIVE OFFICE
BUILDING RENOVATION

Approved
[Signature] Date 3/1/2002
Barry A. Lincoln
Senior Director of Facilities Development

IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23

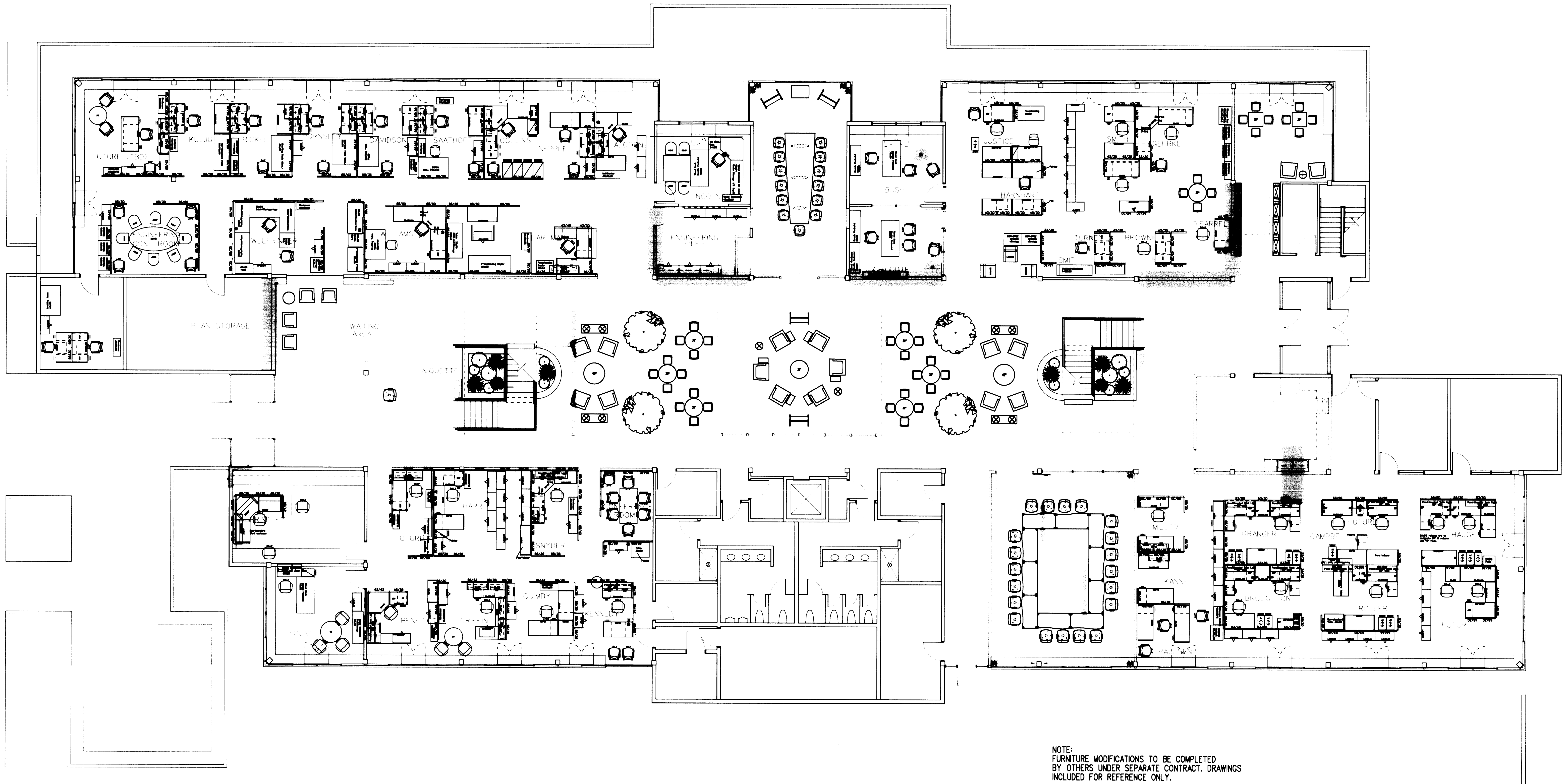


REVISIONS			
NO.	DATE	BY	DESCRIPTION

TITLE
FIRST LEVEL
FURNITURE
PLAN

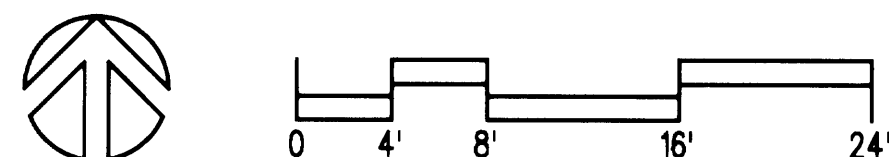
DESIGNED CB/LB
DRAWN EN/BJ/BR
CHECKED CB
DATE MARCH 4, 2002
CADD FILE
JOB NUMBER 99079-01

A901



NOTE:
FURNITURE MODIFICATIONS TO BE COMPLETED
BY OTHERS UNDER SEPARATE CONTRACT. DRAWINGS
INCLUDED FOR REFERENCE ONLY.

1 FIRST LEVEL FURNITURE PLAN
A901 SCALE: 1/4" = 1'-0"



FOR REFERENCE ONLY



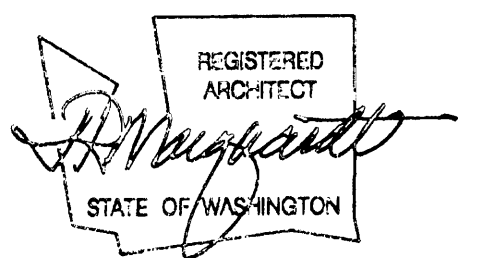
ADMINISTRATIVE OFFICE
BUILDING RENOVATION

Approved
[Signature] Date 2.5.2002
Senior Director of Facilities Development

IF SHEET IS OTHER
THAN 30"x42", IT
HAS BEEN REDUCED

CONTRACT #
998084

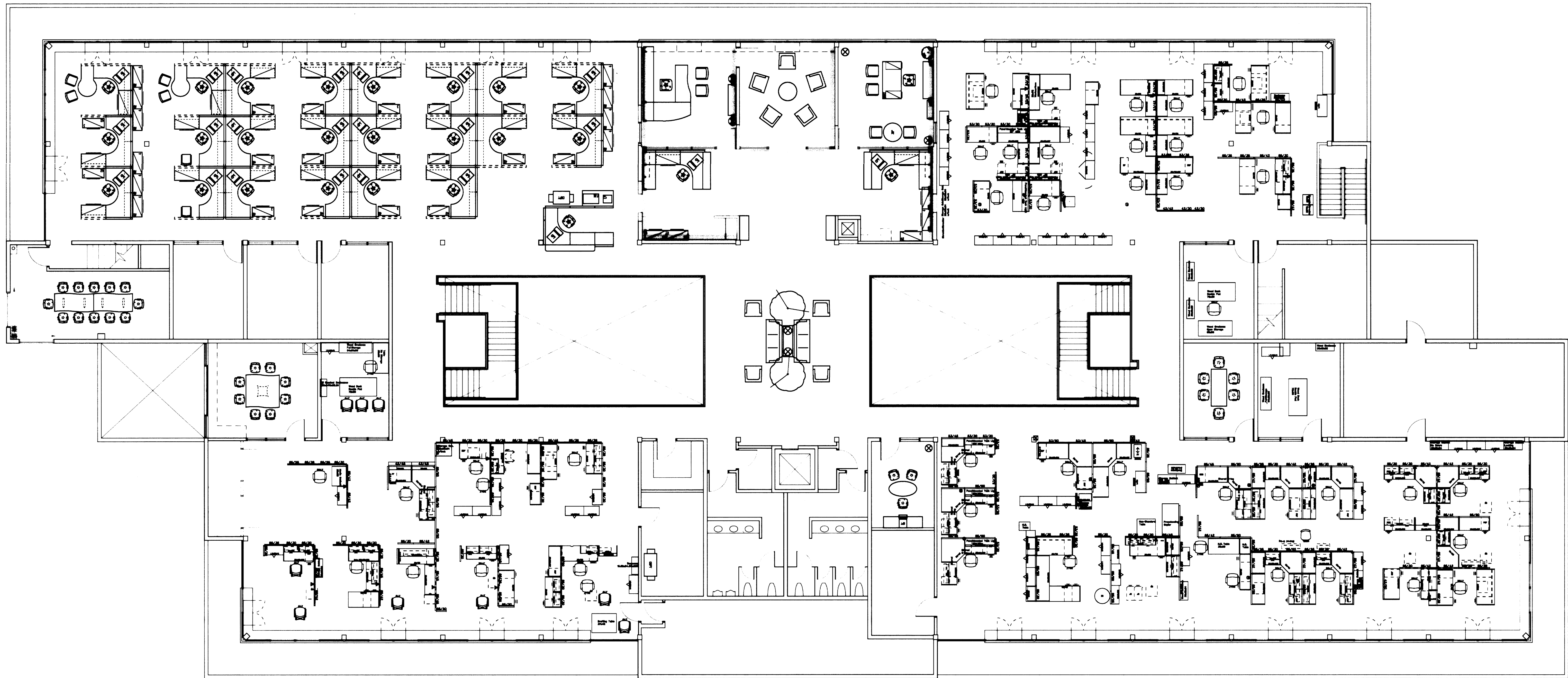
EP #
5345-23



REVISIONS			
NO.	DATE	BY	DESCRIPTION

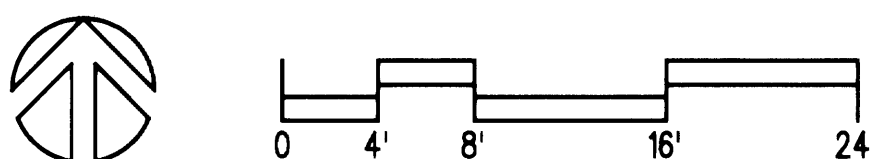
TITLE	
SECOND LEVEL FURNITURE PLAN	
DESIGNED	CB/LB
DRAWN	EN/BJ/BR
CHECKED	CB
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	99079-01

A902



NOTE:
FURNITURE MODIFICATIONS TO BE COMPLETED
BY OTHERS UNDER SEPARATE CONTRACT. DRAWINGS
INCLUDED FOR REFERENCE ONLY.

1 SECOND LEVEL FURNITURE PLAN
A902 SCALE: 1/8" = 1'-0"



FOR REFERENCE ONLY

ELECTRICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
LIGHTING		SWITCHES	
	RECESSED FLUORESCENT LIGHT FIXTURE	\$	SINGLE POLE SWITCH
	SURFACE OR PENDANT MOUNT FLUORESCENT LIGHT FIXTURE, WITH RECESSED JUNCTION BOX	\$P	SWITCH WITH PILOT LIGHT (LIT WHEN ON)
	WALL MOUNT H.I.D. LIGHT FIXTURE	\$D	DIMMING SWITCH - SINGLE POLE
	WALL MOUNT COMPACT FLUORESCENT LIGHT FIXTURE	\$OS	COMBINATION SWITCH / OCCUPANCY SENSOR
	SURFACE OR RECESSED H.I.D. OR FLUORESCENT LIGHT FIXTURE	\$3	THREE WAY SWITCH
	SURFACE OR RECESSED H.I.D. OR COMPACT FLUORESCENT LIGHT FIXTURE	\$4	FOUR WAY SWITCH
	SURFACE OR PENDANT MOUNT STRIP LIGHT, WITH RECESSED JUNCTION BOX	\$Fb	MULTI-GANGED SWITCH (LOWER CASE LETTERS INDICATES SWITCHING)
	FIXTURE WITH EMERGENCY BATTERY PACK	M1	MOMENTARY CONTACT SWITCH FOR LOW VOLTAGE LIGHTING (UPPER CASE LETTER INDICATES LIGHTING PANEL, NUMBER INDICATES SWITCH#)
	INCANDESCENT LIGHT FIXTURE	LC	LIGHTING CONTACTOR AND ENCLOSURE
	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	PC	PHOTOCELL CONTROL
	EXIT LIGHT FIXTURE (PROVIDE DIRECTION ARROWS AS INDICATED)	OS	OCCUPANCY SENSOR (LIGHTING CONTROL) - CEILING MOUNTED
	WALL MOUNTED EXIT LIGHT FIXTURE (PROVIDE DIRECTION ARROWS AS INDICATED)		
	TRACK LIGHT	FIRE ALARM SYSTEM	
RECEPTACLES		2	SMOKE DETECTOR WITH BASE (D INDICATES DUCT DETECTOR)
	DUPLEX RECEPTACLE (E INDICATES EXISTING TO BE REPLACED)	F	PULL STATION - MOUNT AT +48" AFF
	DUPLEX RECEPTACLE (G INDICATES GROUND FAULT CIRCUIT INTERRUPTER AT +45")	K	COMBINATION HORN/STROBE - MOUNT AT +80" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER (L INDICATES LOW TAP)
	DUPLEX RECEPTACLE (C INDICATES ABOVE COUNTER)	M	COMBINATION MINI HORN/STROBE - MOUNT AT +80" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER
	FLOOR MOUNTED DUPLEX RECEPTACLE	FACP	FIRE ALARM CONTROL PANEL
	DOUBLE DUPLEX RECEPTACLE		
	SPECIAL PURPOSE OUTLET - 1 PHASE, AMPERES AS INDICATED	INTERCOM AND SOUND SYSTEM	
	SPECIAL PURPOSE OUTLET - 3 PHASE, AMPERES AS INDICATED	C	CLOCK (DIGITAL)
		S	LOUDSPEAKER ASSEMBLY - CEILING MOUNTED
EQUIPMENT AND WIRING		TELEVISION AND COMMUNICATION SYSTEM	
	CONDUIT STUB OUT (PROVIDE CONCRETE MARKER ON EXTERIOR)	A	TELEPHONE JUNCTION BOX (4/S BOX WITH SINGLE GANG MUDRING AND COVER PLATE) 3/4"C. TO ACCESSIBLE CEILING SPACE, PROVIDE (1) TELEPHONE JACK AND CABLE.
	HOMERUN TO PANEL & CIRCUIT NUMBERS AS INDICATED ON PLANS	Δ	COMMUNICATION / DATA JUNCTION BOX (4/S BOX WITH SINGLE GANG MUDRING AND COVER PLATE) 3/4"C. TO ACCESSIBLE CEILING SPACE. NUMBER ADJACENT TO SYMBOL REPRESENTS QUANTITY OF JACKS TO BE INSTALLED, IF NO NUMBER IS PRESENT, PROVIDE (1) COMMUNICATION JACK WITH CABLE.
	RACEWAY CONCEALED IN WALL OR CEILING	V	AUDIO/VIDEO INPUT JACK
	RACEWAY CONCEALED UNDERGROUND OR UNDER FLOOR SLAB, P = PRIMARY , S = SECONDARY	V	TELEVISION OUTLET - MOUNT AT +18", 3/4"C. TO ACCESSIBLE CEILING SPACE
	MARKS INDICATE NUMBER OF #12 AWG UNLESS NOTED OTHERWISE	P	PROJECTOR INPUT JACK
	GROUNDING CONDUCTOR	4-F	4-STRAND FIBER OPTIC CABLE TERMINATED IN FURNITURE PARTITION SYSTEM
	FLEXIBLE CONDUIT	F/T	FIBER OPTIC / TELEPHONE CABLING ROUTING
	GROUNDING SYSTEM PER CODE	SF	SATELLITE FEED CABLING ROUTING
	JUNCTION BOX - SIZE PER CODE (F INDICATES FIRE ALARM SYSTEM)	T	TELEPHONE CABLE TERMINATED IN FURNITURE PARTITION SYSTEM.
	MOTOR CONNECTION (D INDICATES FIRE/SMOKE DAMPER)		
	MANUAL STARTER		
	DISCONNECT SWITCH		
	FUSED DISCONNECT SWITCH		
	COMBINATION DISCONNECT / MAGNETIC MOTOR STARTER		
	120/208 VOLT PANELBOARD (OR AT RATED VOLTAGE AS NOTED)		
	EXISTING PANELBOARD TO BE RETAINED		
	MAIN DISTRIBUTION BOARD		
	ENCLOSED CIRCUIT BREAKER, AMPERES AS INDICATED		
MISCELLANEOUS			
	CONSTRUCTION NOTES		
	W INDICATES WEATHERPROOF FOR ALL DEVICES, PROVIDE LOCKING COVER ON RECEPTACLES.		
	DETAIL CALL OUT - A INDICATES DETAIL IDENTIFICATION, E2 INDICATES SHEET TAKEN FROM, E3 INDICATES SHEET DRAWN ON		
	ALL DEVICES WITH LIGHT LINE WEIGHT INDICATES EXISTING TO BE RETAINED		
	ALL DEVICES WITH DASH LINE INDICATES EXISTING TO BE REMOVED		

LIGHT FIXTURE SCHEDULE				
Type	Fixture Description/Manufacturer	Lamps	Volts/Watts	Remarks
EX1	Led exit sign Prescolite - LEDR2-NB-W	LED	120V/3.8W	
PF1	Decorative Fluorescent Pendant Visa - CM1354-1TF32-120-BCB-SB	1-32WTT	120V/35W	Trim finish & Options to be selected by Owner
RI1	Recessed adjustable par lights (3 in a row) Sistemalux - 8230-PAR-120V	3-Par 30 75W	120V/225W	Display lighting
RF1	4" diameter fluorescent down light Calculite 8011CCL-W-4118V-G120	1-18WTTT	120V/19W	
RF1D	4" diameter fluorescent wall wash light - dimmable Eureka - E1049-WH-E180X	1-50W MR16	120V/50W	
RF1W	4" diameter fluorescent wall wash Lightolier - Calculite 8011CCLW-4118VG120-	1-18WTTT	120V/19W	
RF2	6" diameter fluorescent downlight Prescolite - CFT832EB-STF802-SS	1-32WTT	120V/35W	
RF2D	6" diameter fluorescent downlight - dimmable Prescolite - CFT832EBDM-STF802-SS	1-32WTT	120V/35W	
RF2W	6" diameter fluorescent wall wash Prescolite - CFT832EBDM-STF802-SS-WW	1-32WTT	120V/35W	
RF3	8" diameter fluorescent down light with deco lense Aikco - DL2132-SGFC2-CH	1-32WTT	120V/35W	
RF3D	8" diam. Fluorescent dimmable downlight with deco lense Aikco - DL2132-SGFC2-CH-DM	1-32WTT	120V/35W	
RF5	2x4 - 3 lamp recessed troffer - parabolic Columbia - P2-24-3-32-G-LD-38-S-EB8-120	3-FO32T8	120V/88W	Provide with 2-ballasts for dual switching
RF6	2x4 - 2-lamp recessed troffer Columbia - 4PS-24-2-32-G-FS-A12-EB8-120	2-FO32T8	120V/58W	
RF7	2x4, recessed indirect troffer Columbia - STR-24-2-32-G-MPO-EB8-120	2-FO32T8	120V/58W	
SF2	1x4 surface mount indirect fluorescent Columbia - STR-14-2-32-SM-MPO-EB8-120	2-FO32T8	120V/58W	
SF3	4" square fluorescent wall wash - surface mount Alera - F4-1AD-T8-SM-48-LD-EB8-120-"	1-FO32T8	120V/35W	Owner to select standard color
SF4	Wall mount decorative fluorescent B-Lux Lite - Winston 90-120	1-20W	120V/22W	
SF5	4' long linear fluorescent mounted vertical Visa CB4081-2F39-PT-PT-120V	2-F39TT	120V/78W	Owner to select standard color
SF6	4" diameter linear fluorescent - Atrium Alera - IT4-1D-T8-WM-WCB-EB8-120-"-C-EL	1-FO32T8	120V/35W	Owner to select standard color
SM1	Surface mount up/down exterior AAL - ES2-3-150MH-"-FPS	1-150W MH	120V/180W	Owner to select standard color Provide with bird 'spike' detection
SM2	Surface mount indirect - Atrium Elliptipar - M406-0250-W-00-120-BA0803LO-"-000	1-250W MH	120V/300W	Owner to select enclosure finish
TL1	LIGHTOLIER LYTESPAN 8202VWH/8235VWH ADVENT TRACK	PAR 30 75W	120V/75W	See drawings for length of track & quantity of lights
TL2	Track Light with Metal Halide heads LIGHTOLIER POWER ARC - 8292WWEWH-8079VWH ADVENT TRACK	1-70W MH	120V/84W	Assymetrical wall washer, see drawings for length of track & quantity of lights
UC1	12" long undercounter light Aikco - 10S-PL-OF	1/F138X	120V/16W	

ABBREVIATIONS			
G	GROUND FAULT CIRCUIT INTERRUPTER	MW	MICROWAVE
C	MOUNT ABOVE COUNTER	REF	REFRIGERATOR
D	DRYER	UC	UNDERCOUNTER
DF	DRINKING FOUNTAIN	UG	UNDERGROUND
DW	DISHWASHER	C	CONDUIT
WS	WASHER	CO	CONDUIT ONLY
VM	VENDING MACHINE	GR	GROUND
WGD	WIRE GUARD	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EC	ELECTRICAL CONTRACTOR	CU	COPPER
MC	MECHANICAL CONTRACTOR	XFMR	TRANSFORMER
REQ'D	REQUIRED	LCC	LIGHTING CONTROL CABINET
TTB	TELEPHONE TERMINAL BOARD	SER	SERVICE ENTRANCE RATED
P.B.	PUSH BUTTON		

GENERAL NOTES

1.

E.C. SHALL FIELD INVESTIGATE AND VERIFY ALL EXISTING CIRCUITS PRIOR TO REMOVAL. CIRCUIT DESIGNATIONS SHOWN ON DRAWINGS ARE TAKEN FROM AS-BUILT DRAWINGS AND MAY NOT BE CORRECT AND/OR ARE IN CONFLICT WITH PANEL CIRCUIT INDEXES.
2.

THESE PLANS ARE BASED ON AS BUILT DRAWINGS AND MAY NOT ACCURATELY REPRESENT ALL EXISTING DEVICES. CONTRACTOR SHALL INCLUDE IN HIS/HER BID AN ALLOWANCE OF 16 HOURS LABOR (ABOVE & BEYOND WHAT IS INDICATED ON THE DRAWINGS) FOR REMOVAL AND/OR RELOCATION OF ANY DEVICE THAT MAY BE IN CONFLICT WITH NEW CONSTRUCTION.
3.

CONTRACTOR SHALL REMOVE ANY DEVICE, CONDUIT AND WIRE THAT IS LOCATED IN AN EXISTING WALL THAT IS TO BE DEMOED. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF WALLS SCHEDULED TO BE REMOVED.
4.

ONLY BRANCH CIRCUIT HOMERUNS ARE SHOWN WITH NUMBER OF CONNECTORS/WIRES. E.C. SHALL PROVIDE ALL REQUIRED CONDUCTORS/WIRES TO ALL DEVICES AS NECESSARY IN ORDER TO INSTALL ALL CIRCUITS, SWITCHING AND GROUNDING COMPLETE. PANEL CIRCUIT NUMBERS ARE SHOWN TO CLARIFY CIRCUITING CONFIGURATION. CONDUCTOR HASH MARKS ARE NOT SHOWN FOR WIRE, SWITCH LEGS OR GROUNDING CONDUCTORS BETWEEN DEVICES.
5.

E.C. SHALL REFER TO PHASING PLAN ON SHEET A0.02 FOR SEQUENCE OF WORK. ALL SYSTEMS IN OCCUPIED AREA SHALL REMAIN OPERATIONAL UNLESS PRIOR ARRANGEMENTS FOR SCHEDULED OUTAGES HAS BEEN APPROVED BY THE OWNER.
6.

EXISTING UTILITY LOCATION SHOWN HEREIN ARE APPROXIMATE AND BASED ON BEST AVAILABLE INFORMATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREIN WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THESE PLANS.

LMNARCHITECTS

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TACOMA, WA 98424
(253) 922-0446 FAX (253) 922-0866

**PORT of
TACOMA
U.S.A.**

ADMINISTRATIVE OFFICE
BUILDING RENOVATION

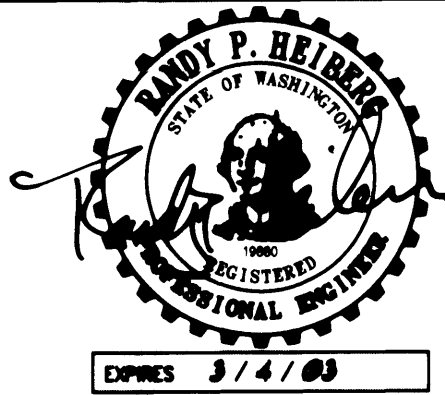
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APPROVED

DATE 2-5-02
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT #
998084

EP#
5345-23



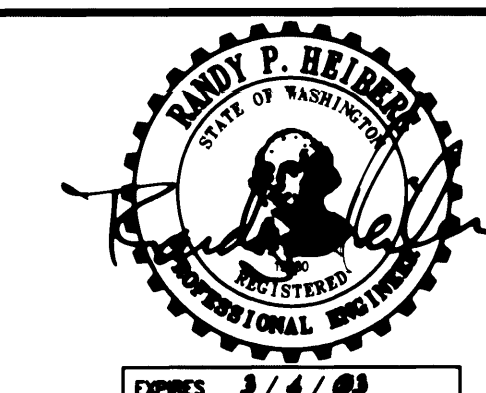
REVISIONS			
NO.	DATE	BY	DESCRIPTION

TITLE	
ELECTRICAL LEGEND LIGHT FIXTURE SCHED.	
DRAWN	C.L.R.
CHECKED	R.H.
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	20-08

E001

APPROVED
 DATE 10/2/02
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

EP #
5345-23

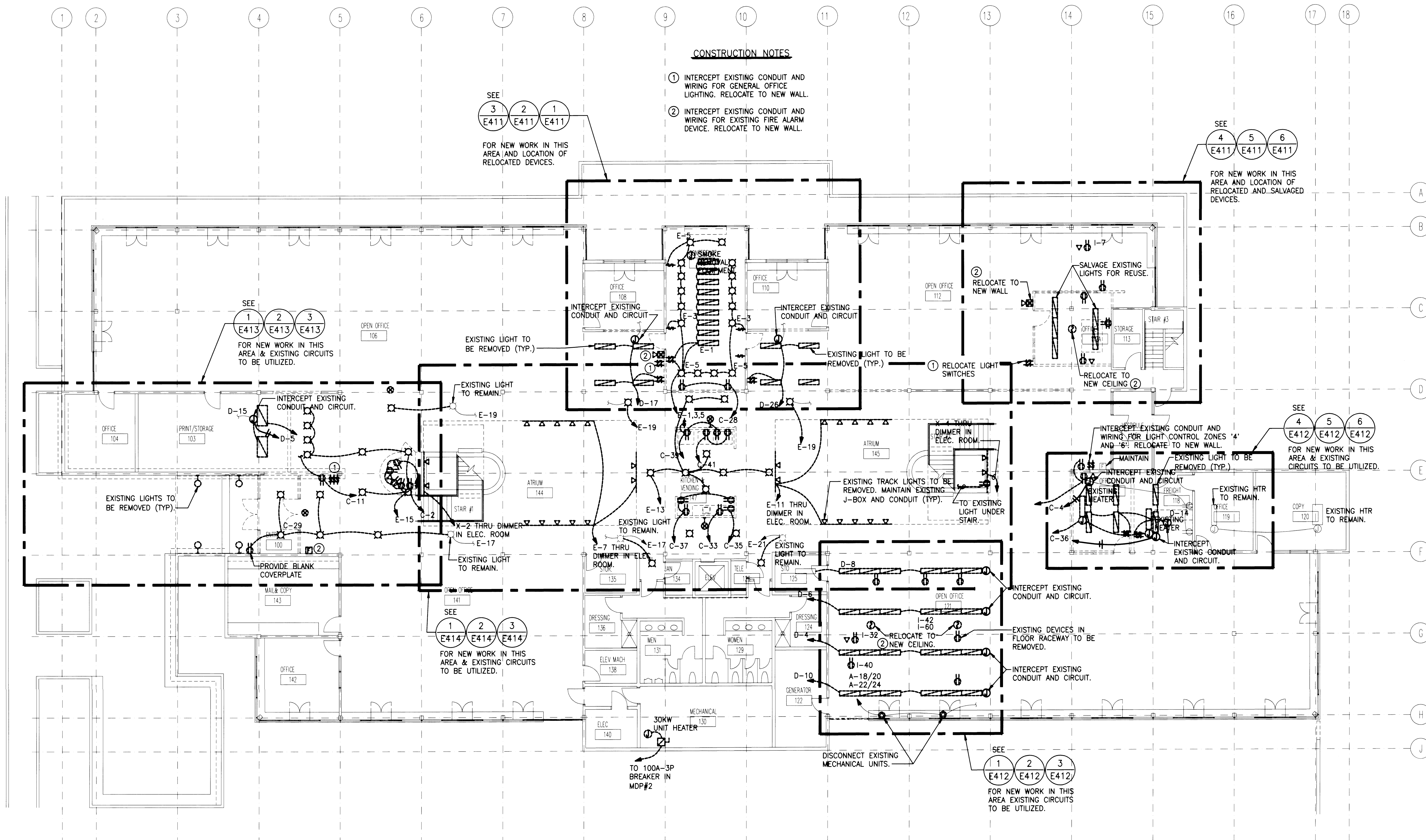


REVISIONS			
NO	DATE	BY	DESCRIPTION

TITLE
**FIRST LEVEL
LIGHTING, POWER
AND SYSTEMS
DEMOLITION PLAN**

DESIGNED	C.L.E.
DRAWN	O.C.
CHECKED	R.H.
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	301-126

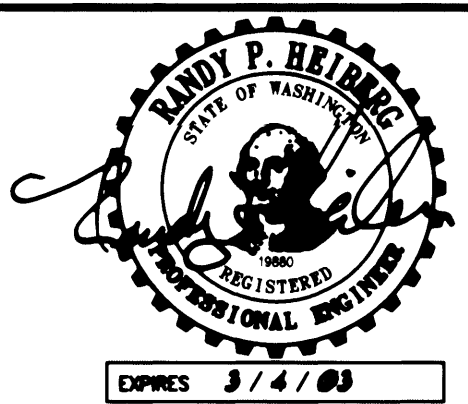
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SCALE: $1/8" = 1'-0"$

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DATE 3/5/2002
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SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.CONTRACT #
998084EP #
5345-23

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REVISIONS

NO. DATE BY DESCRIPTION

NO.	DATE	BY	DESCRIPTION

TITLE
**SECOND LEVEL
LIGHTING, POWER
AND SYSTEMS
DEMOLITION PLAN**

DESIGNED GLE

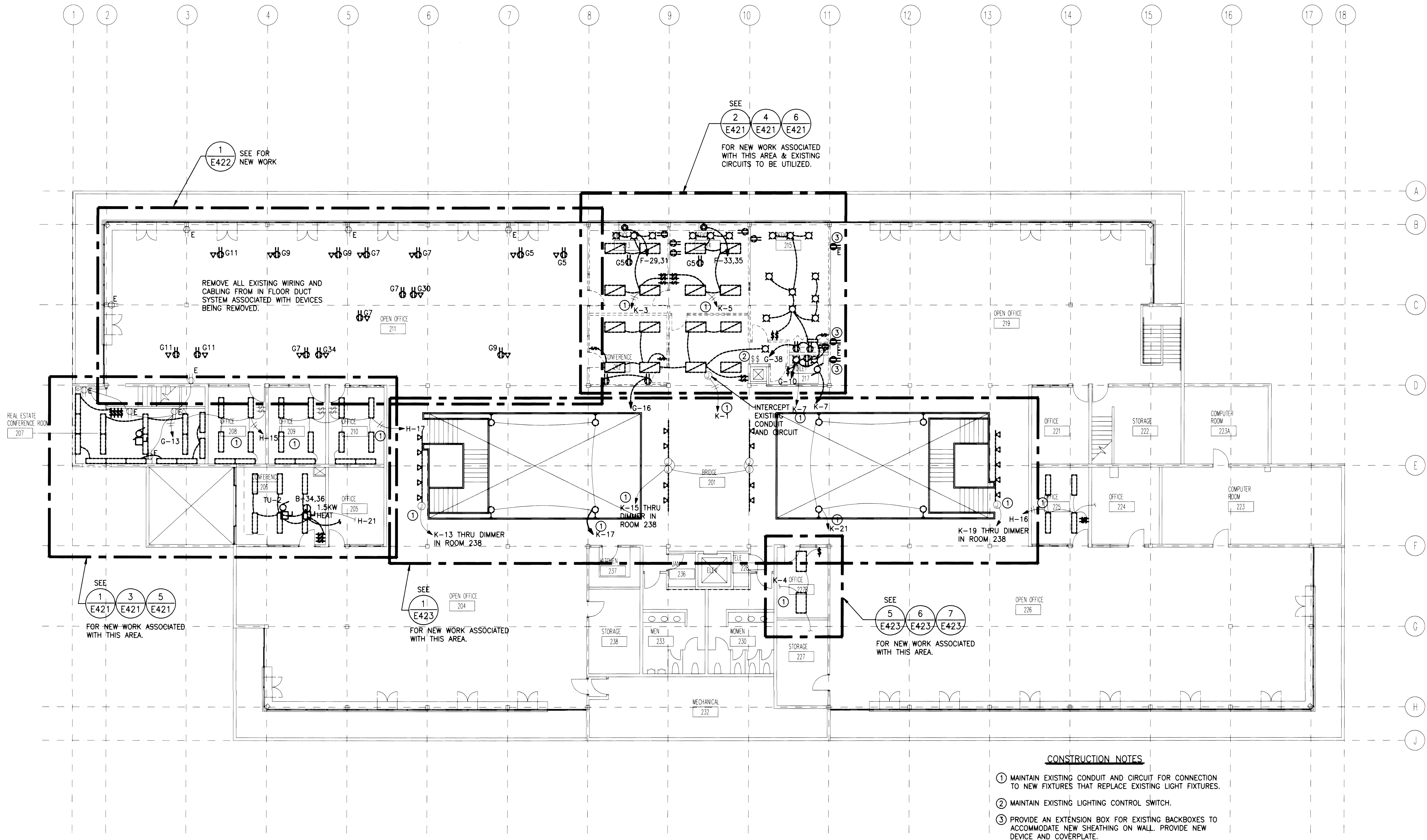
DRAWN G.C.

CHECKED RH

DATE MARCH 4, 2002

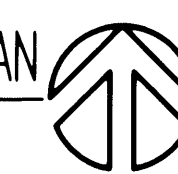
CADD FILE

JOB NUMBER 201-05

E202

SECOND LEVEL LIGHTING, POWER AND SYSTEMS DEMOLITION PLAN

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



CONSTRUCTION NOTES

- ① MAINTAIN EXISTING CONDUIT AND CIRCUIT FOR CONNECTION TO NEW FIXTURES THAT REPLACE EXISTING LIGHT FIXTURES.
- ② MAINTAIN EXISTING LIGHTING CONTROL SWITCH.
- ③ PROVIDE AN EXTENSION BOX FOR EXISTING BACKBOXES TO ACCOMMODATE NEW SHEATHING ON WALL. PROVIDE NEW DEVICE AND COVERPLATE.

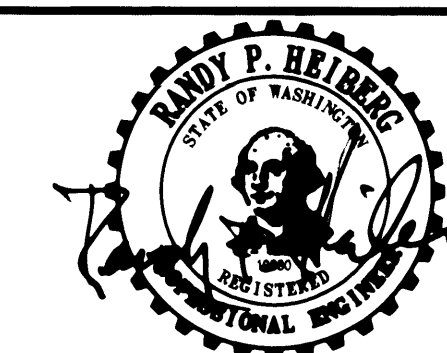
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 DATE: 2-5-2009
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT #
998084

EP #
5345-23



EXPIRES 3 / 4 / 03

REVISIONS

NO	DATE	BY	DESCRIPTION
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Figure 1

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Year	1990	1995	2000	2005
...	...	...	...	...

Figure 1

TITLE

SECOND LEY

SECOND LEVEL

REFERENCE

POWER PLANT

POWER PLANT

DESIGNED CLE

DRAWN **O.C.**

CHECKED R.H.

DATE MARCH 4, 2002

CARD FILE

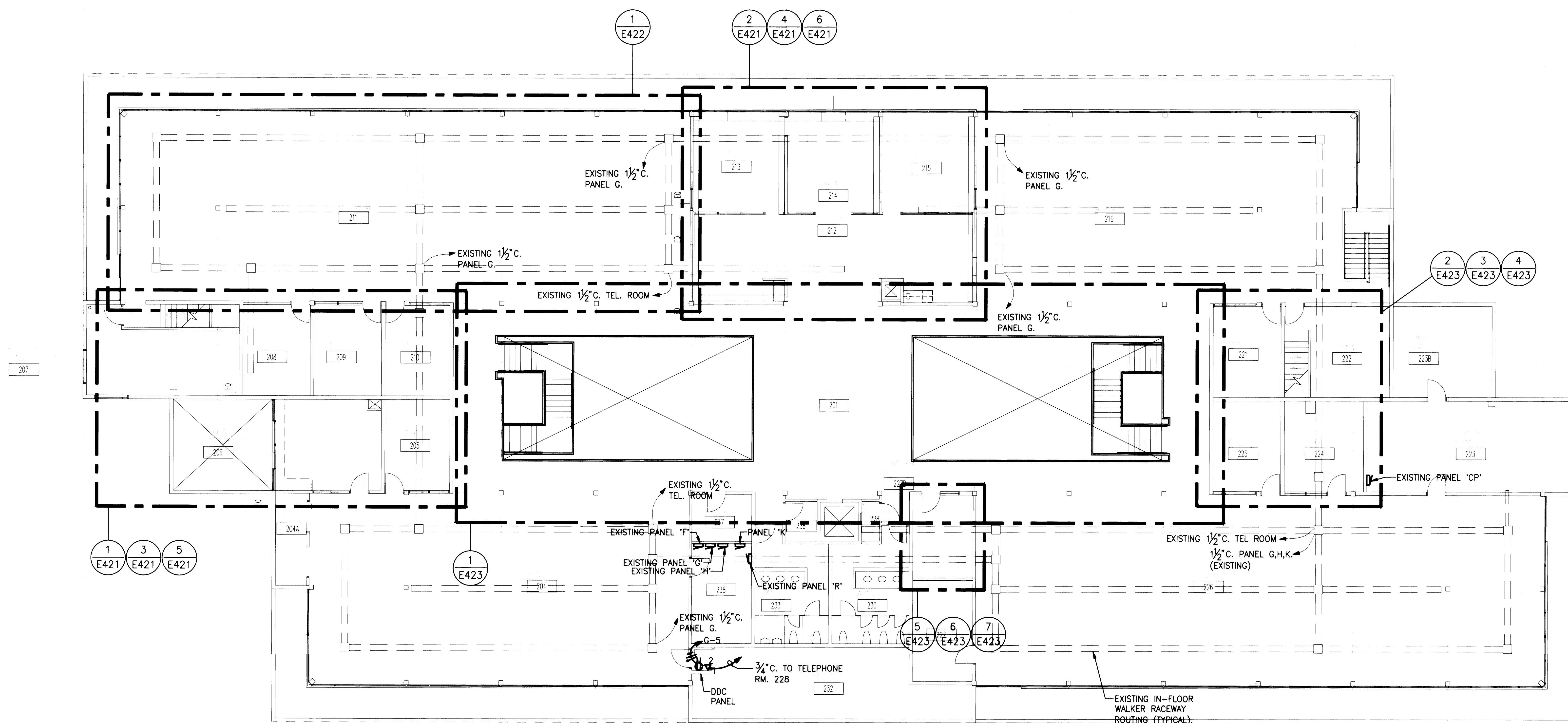
CASE FILE

JOB NUMBER 20-125

2002

F304

1002



SECOND LEVEL REFERENCE & POWER PLAN

SCALE: $1/8" = 1'-0"$



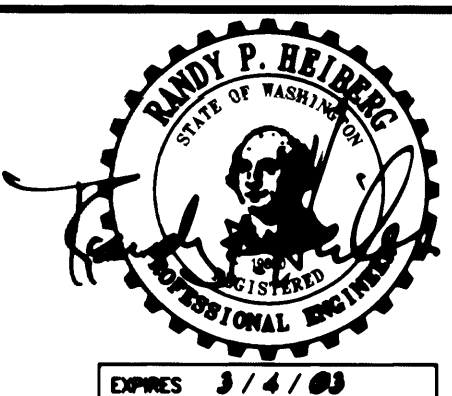
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APPROVED

Jeffrey A. Lincoln DATE: 6-2-00
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SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT #
998084

EP #
5345-23

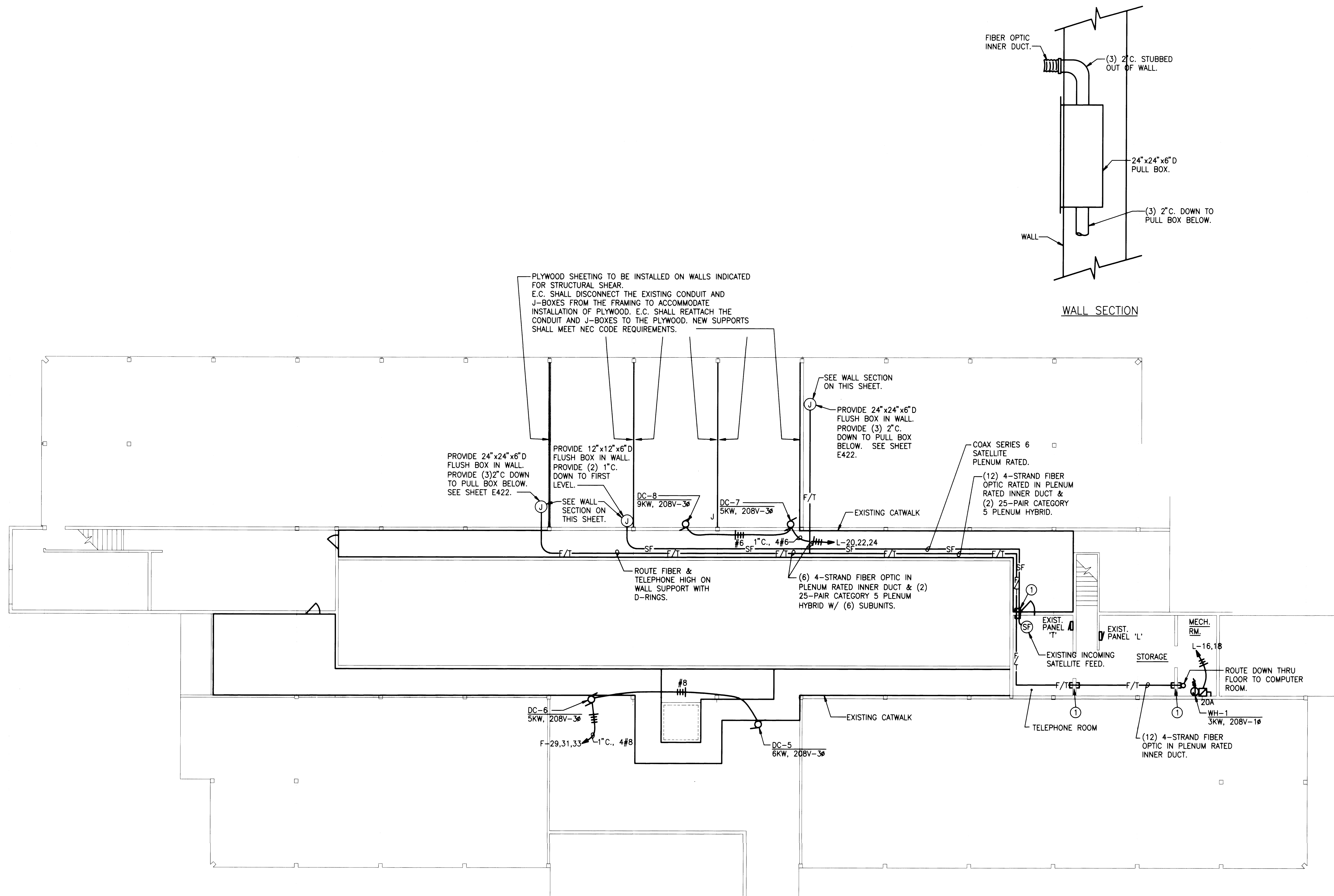


NO.	DATE	BY	DESCRIPTION

TITLE
**ATTIC LEVEL
POWER &
SYSTEMS PLAN**

DESIGNED: CLE
DRAWN: O.C.
CHECKED: RH
DATE: MARCH 4, 2002
CADD FILE
JOB NUMBER: 201-26

E303



CONSTRUCTION NOTES

- ① PROVIDE 2" CONDUIT SLEEVE THROUGH WALL FOR ROUTING OF COMMUNICATION CABLES.

ATTIC LEVEL POWER & SYSTEMS PLAN

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



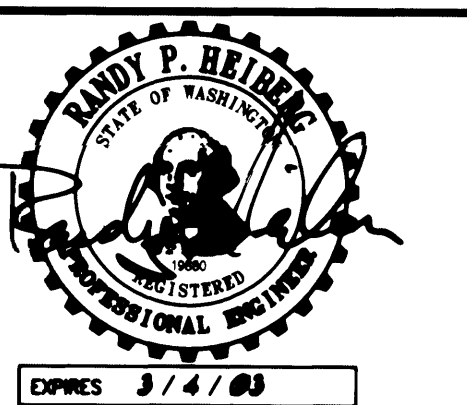
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DATE: 3/5/02
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SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT #
998084

EP #
5345-23

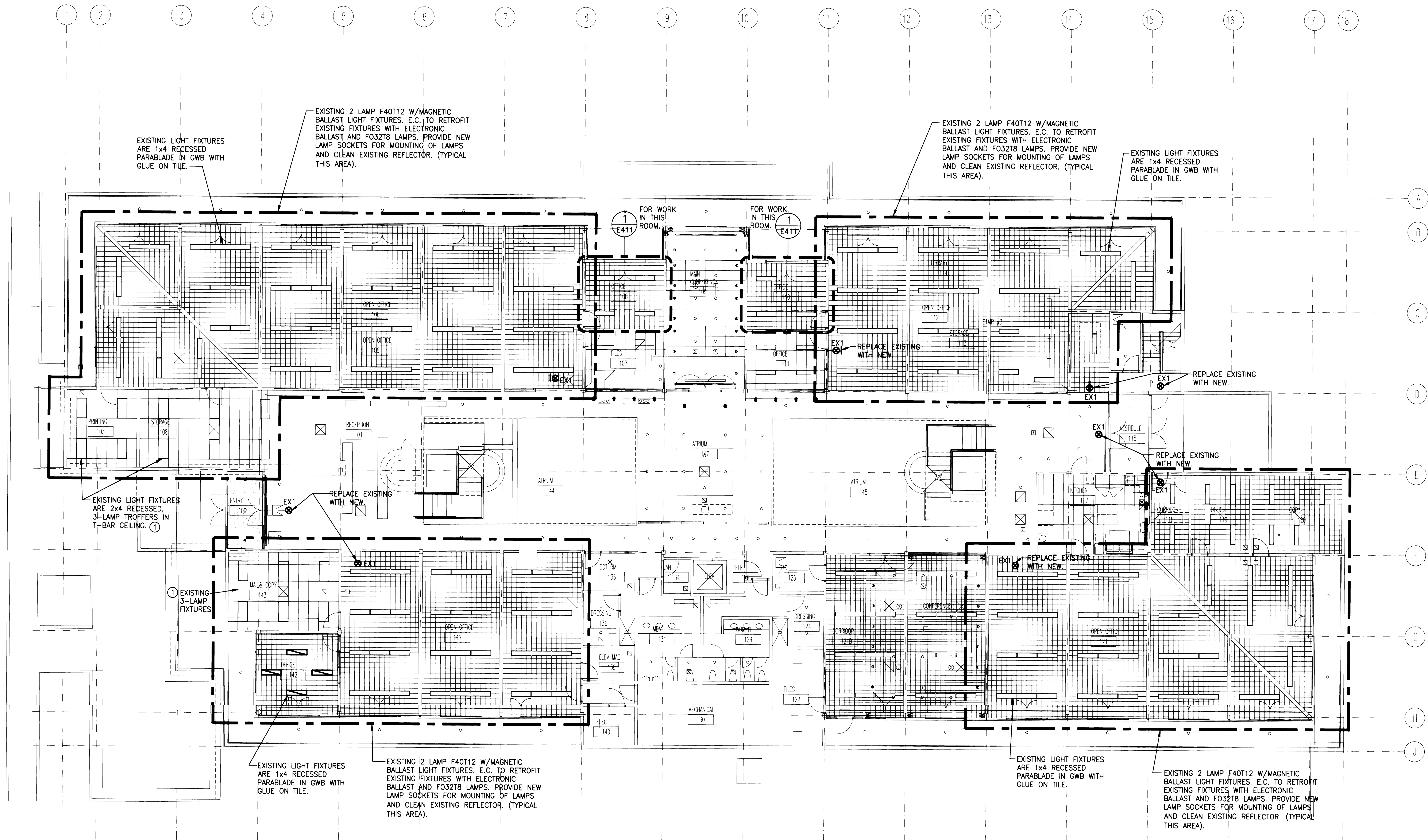


NO.	DATE	BY	DESCRIPTION

**FIRST LEVEL
LIGHTING
RETROFIT PLAN**

DESIGNED	C.L.B.
DRAWN	O.C.
CHECKED	R.H.
DATE	MARCH 4, 2002
CHD FILE	
JOB NUMBER	201-05

E304

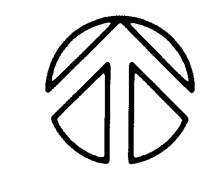


CONSTRUCTION NOTES

- ① E.C. TO RETROFIT EACH EXISTING FIXTURES WITH (1) 2-LAMP & (1) 1-LAMP ELECTRONIC BALLAST AND F032T8 LAMPS. PROVIDE NEW LAMP SOCKETS FOR MOUNTING OF LAMPS AND CLEAN EXISTING REFLECTOR.

FIRST LEVEL LIGHTING RETROFIT PLAN

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



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APPROVED
Jeffrey A. Lincoln DATE: 6/25/2002
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FACILITIES DEVELOPMENT.

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EP #
5345-23

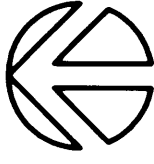
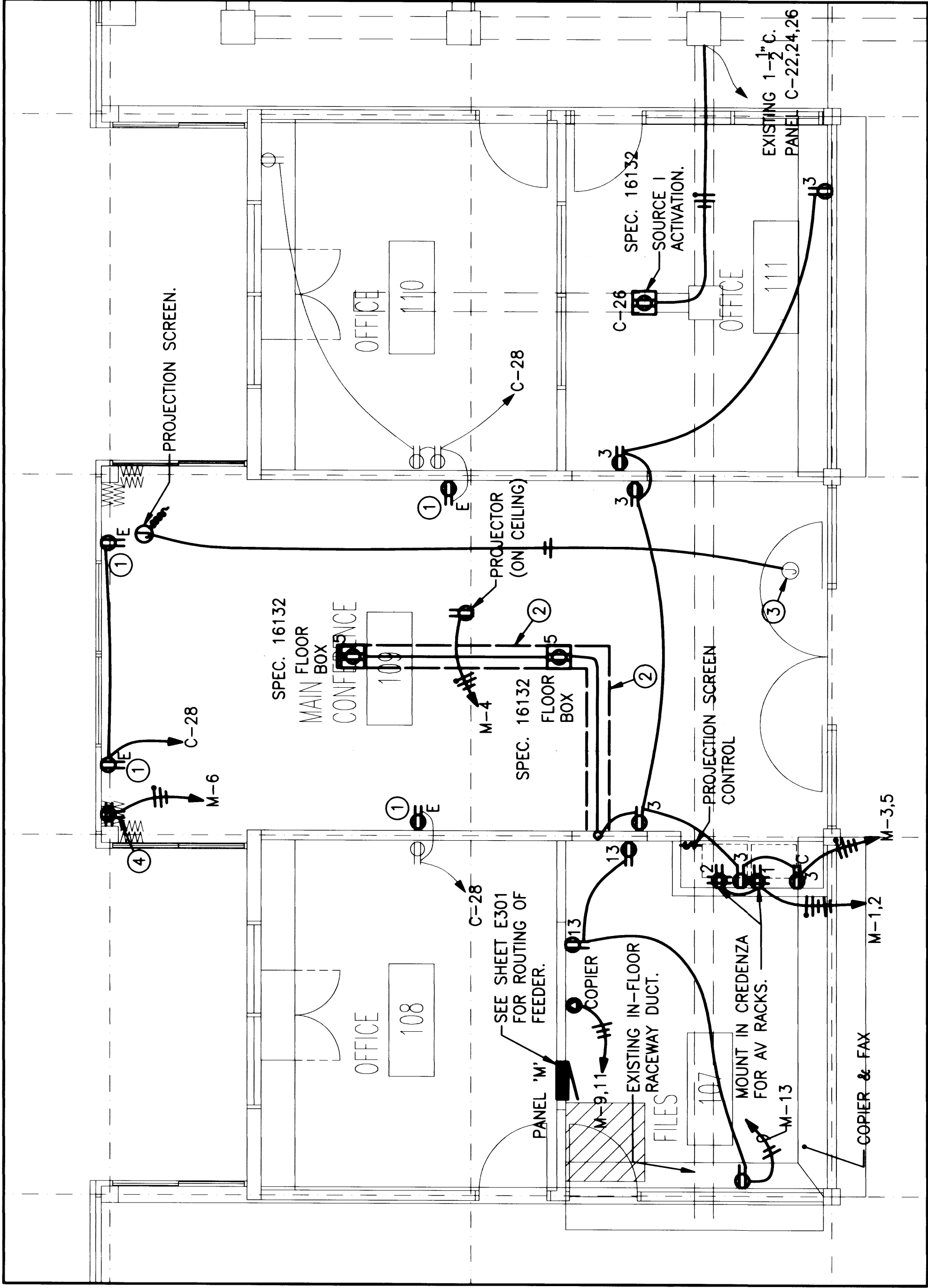


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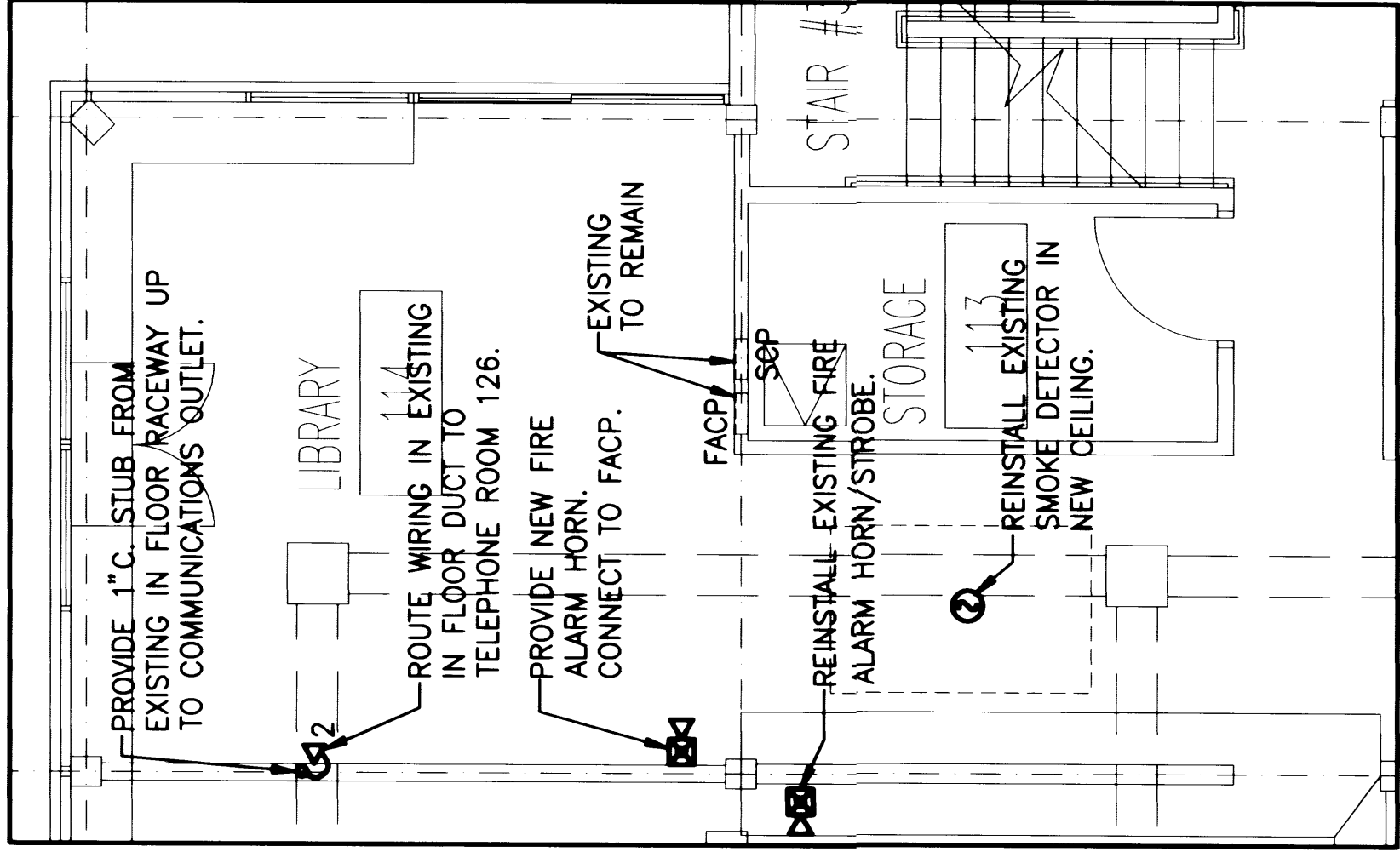
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MAIN CONFERENCE
ROOM & LIBRARY
AREA.**

DESIGNED	C.D.E.
DRAWN	O.C.
CHECKED	R.H.
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	202-08

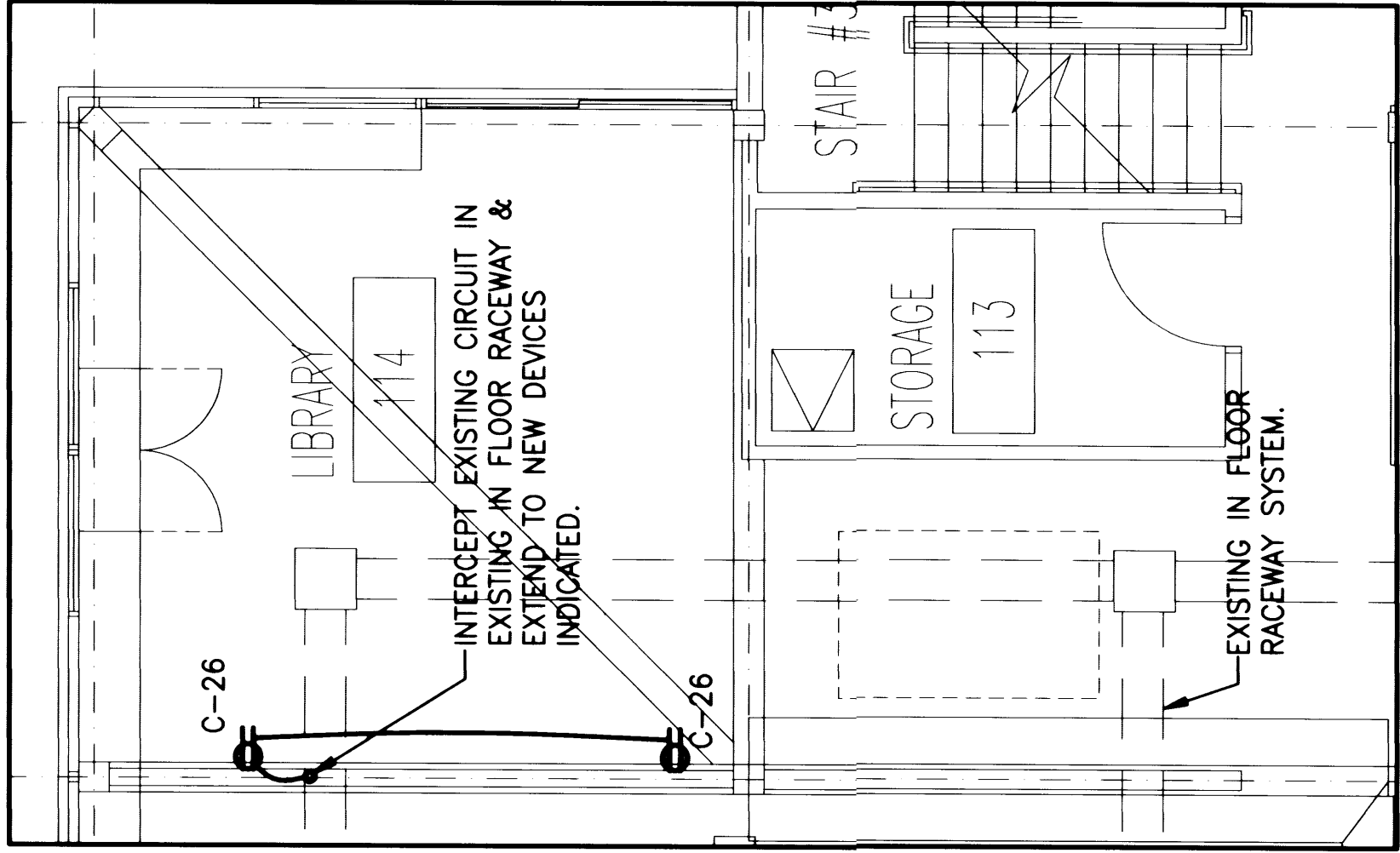
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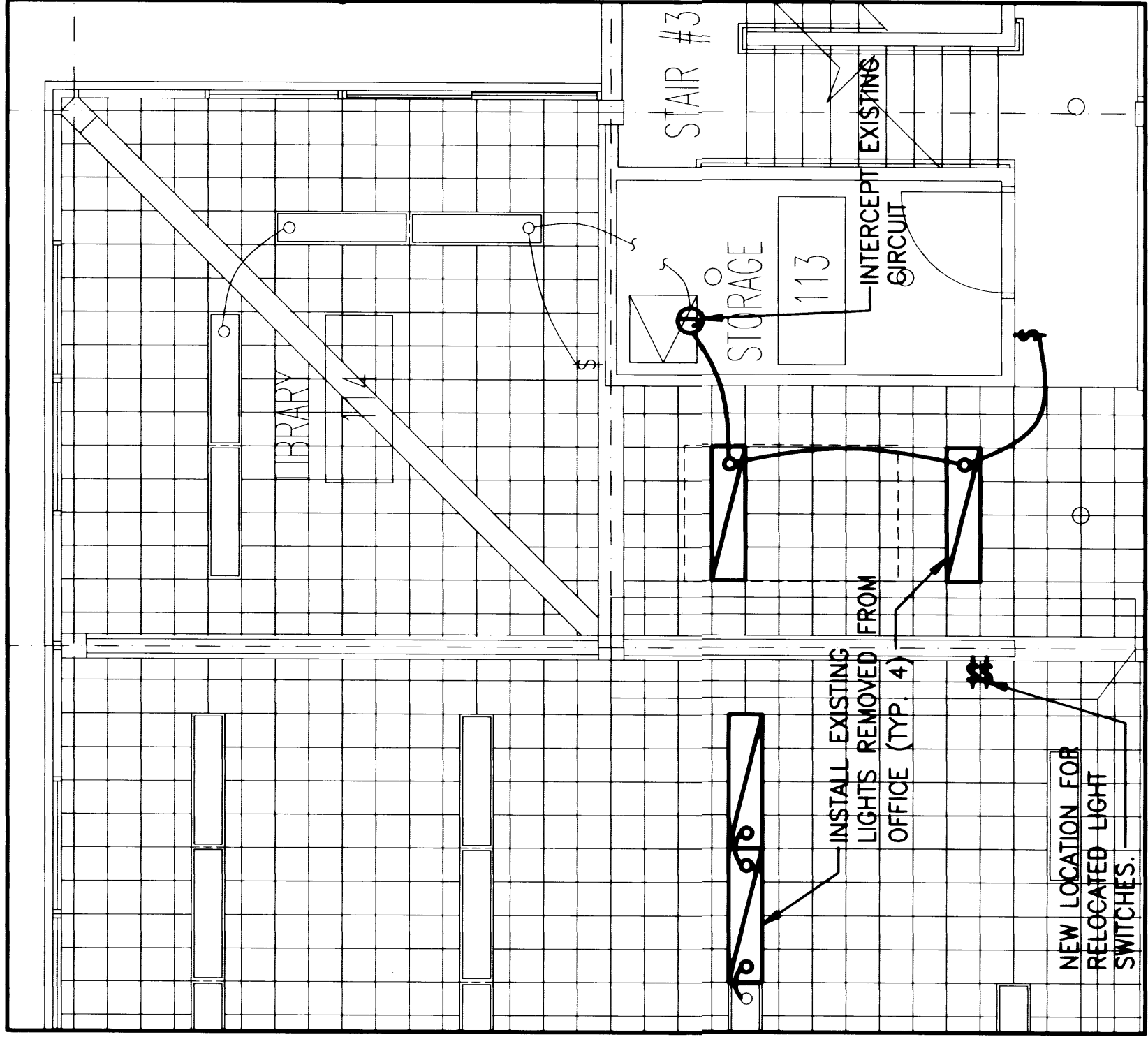
② ENLARGE MAIN CONFERENCE ROOM – POWER PLAN
SCALE: 1/8" = 1'-0"



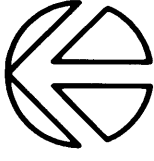
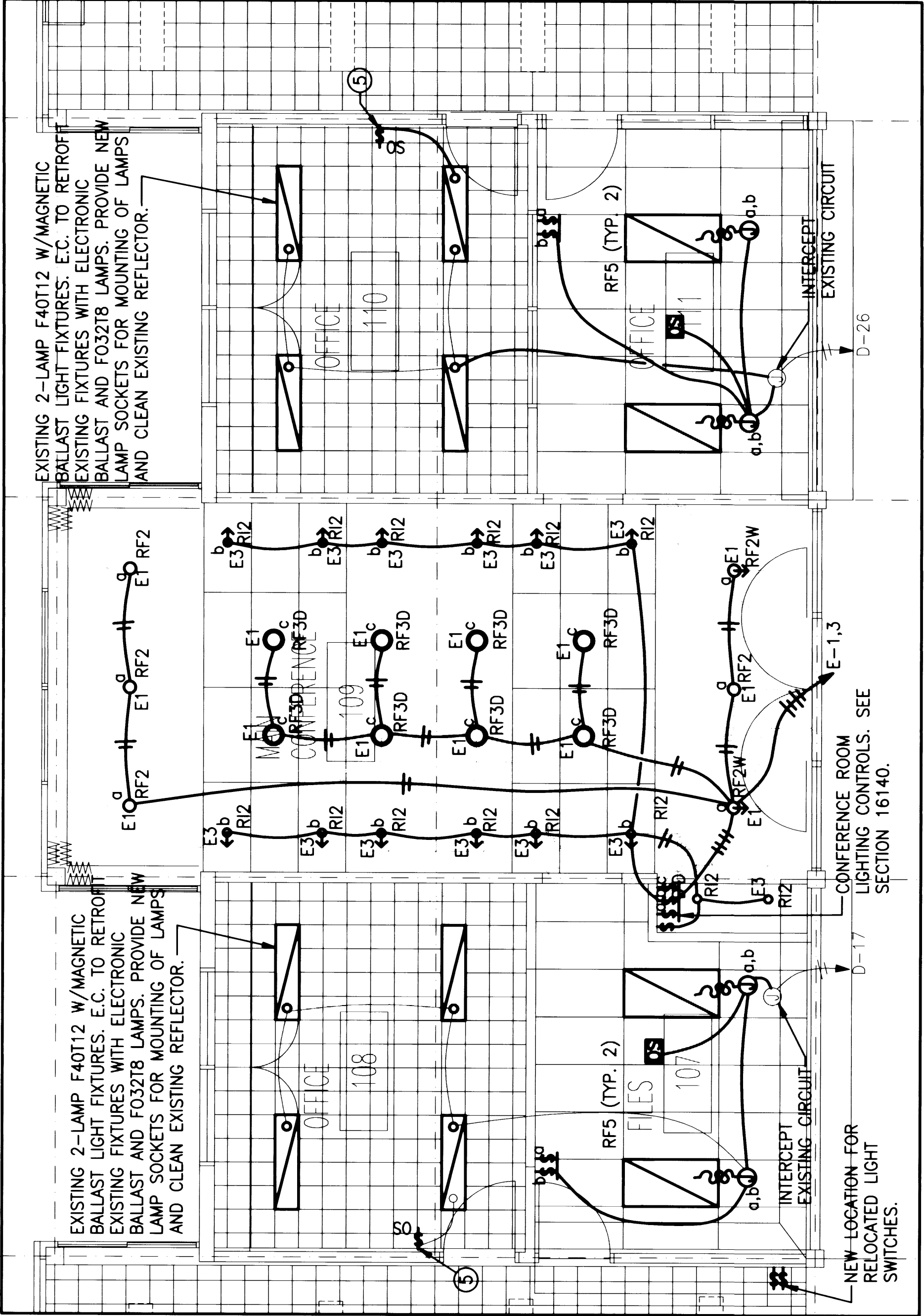
⑥ ENLARGE LIBRARY ROOM – SYSTEMS PLAN
SCALE: 1/8" = 1'-0"



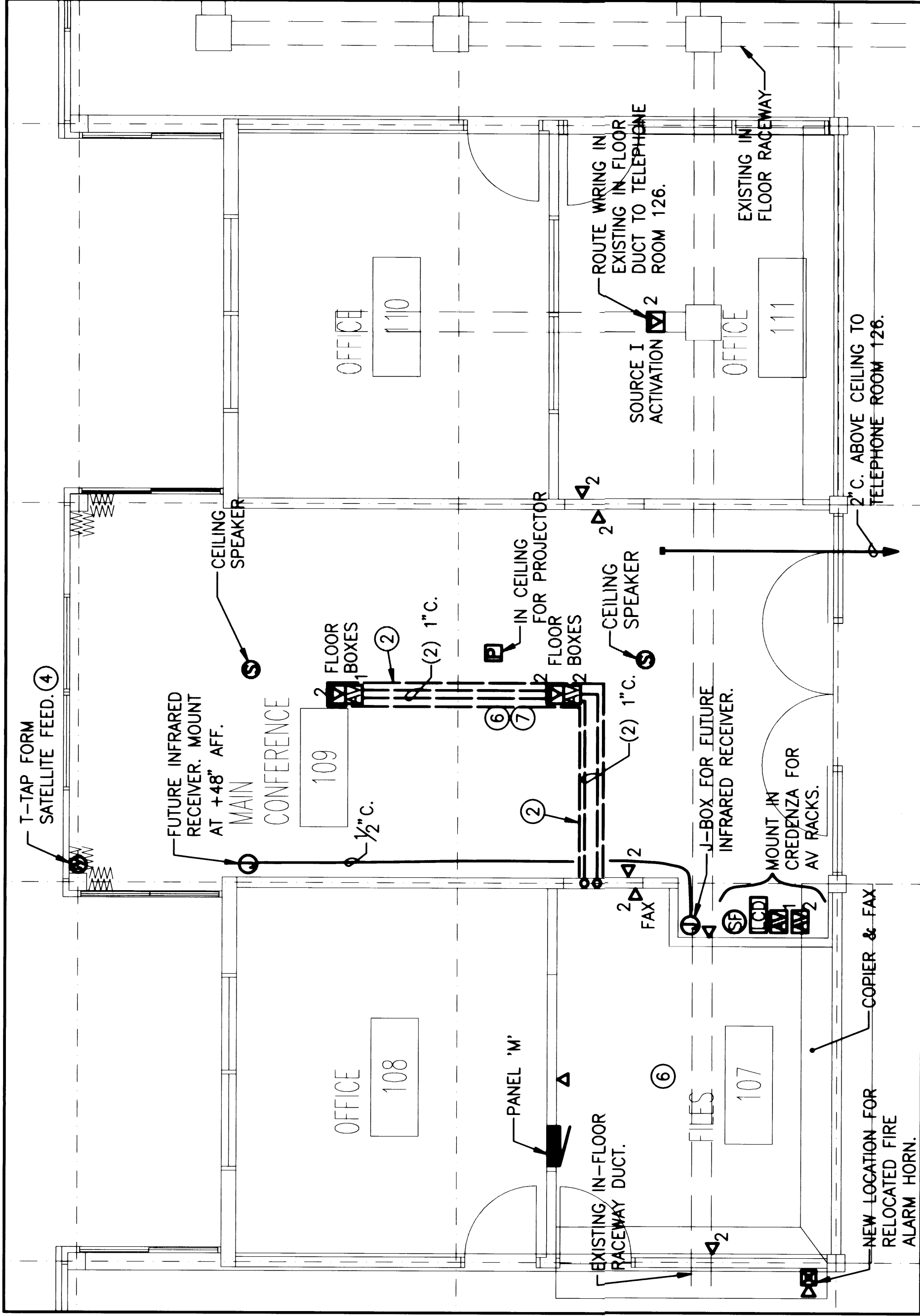
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SCALE: 1/8" = 1'-0"



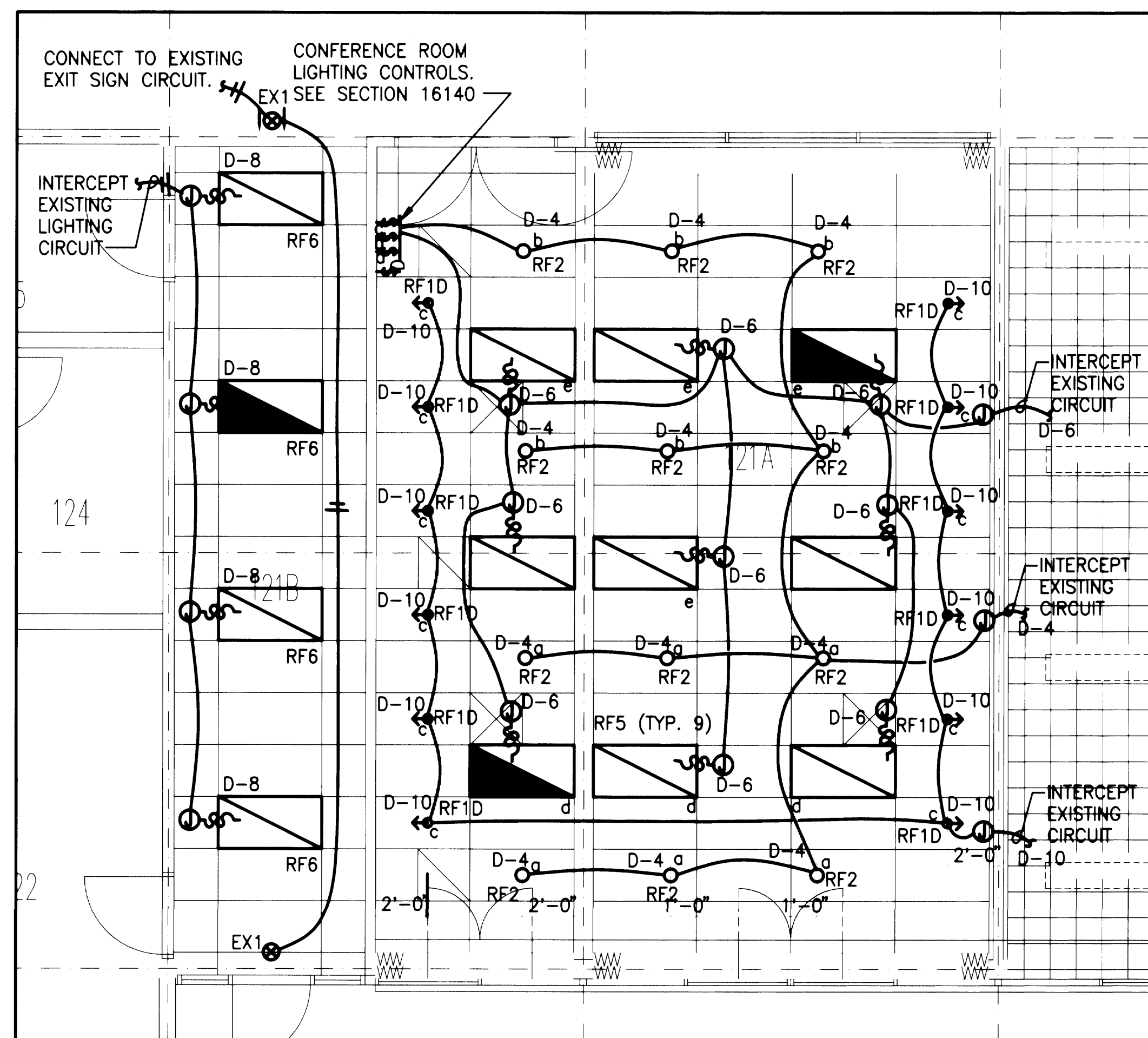
④ ENLARGE LIBRARY ROOM – LIGHTING PLAN
SCALE: 1/8" = 1'-0"



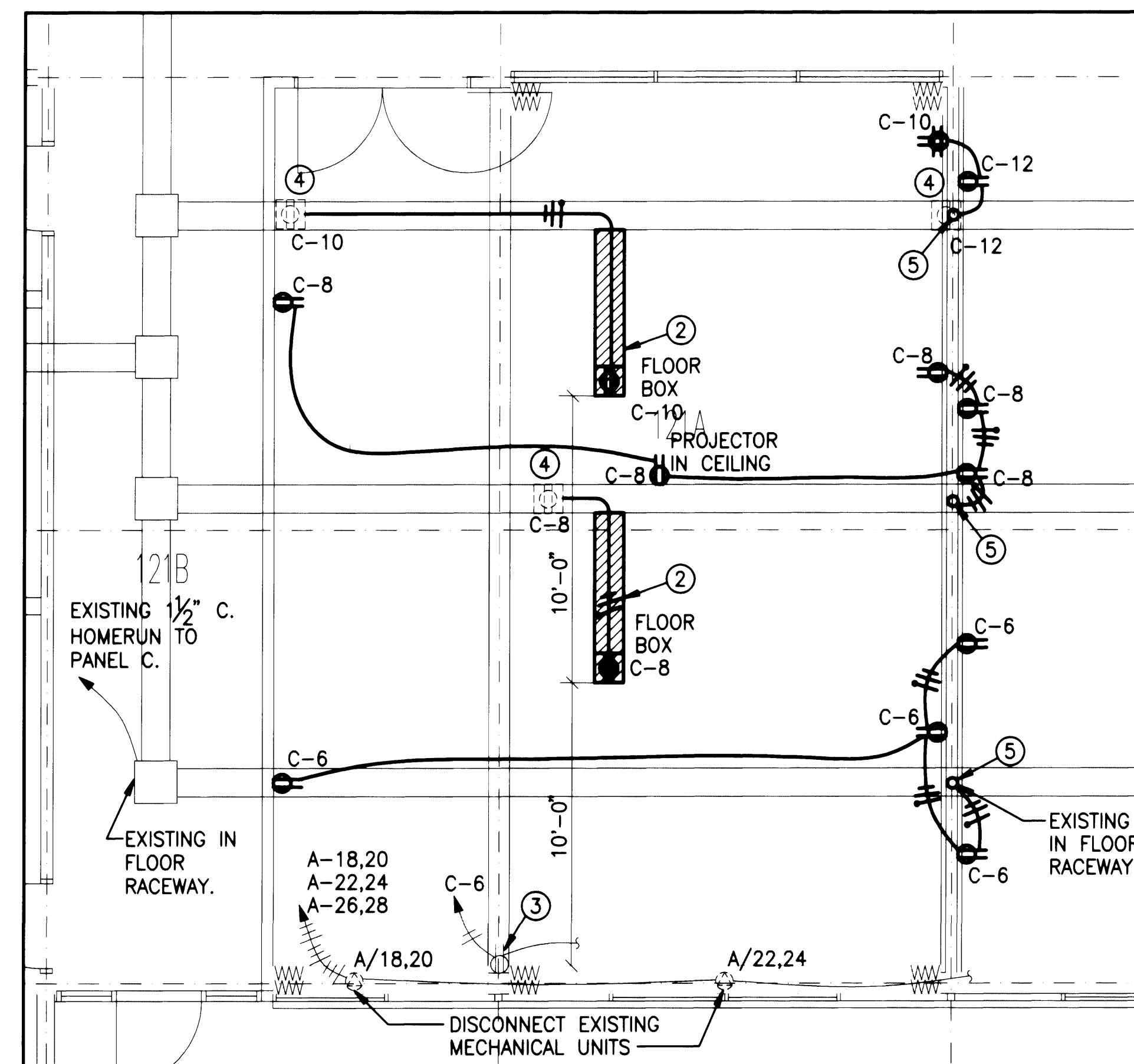
① ENLARGE MAIN CONFERENCE ROOM – LIGHTING PLAN
SCALE: 1/8" = 1'-0"



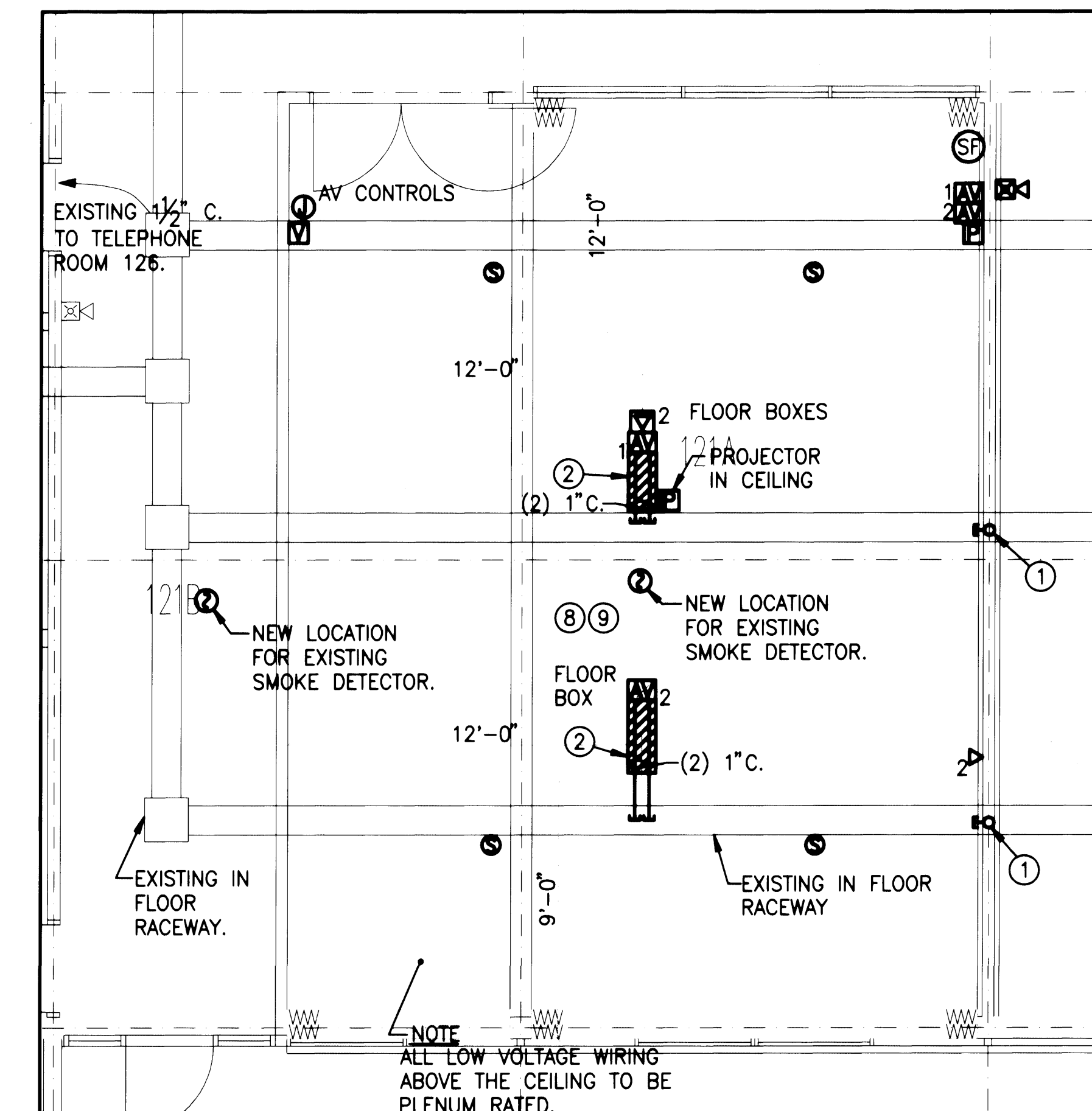
③ ENLARGE MAIN CONFERENCE ROOM – SYSTEMS PLAN
SCALE: 1/8" = 1'-0"



1 ENLARGE CONFERENCE ROOM - LIGHTING PLAN
SCALE: 1/4" = 1'-0"



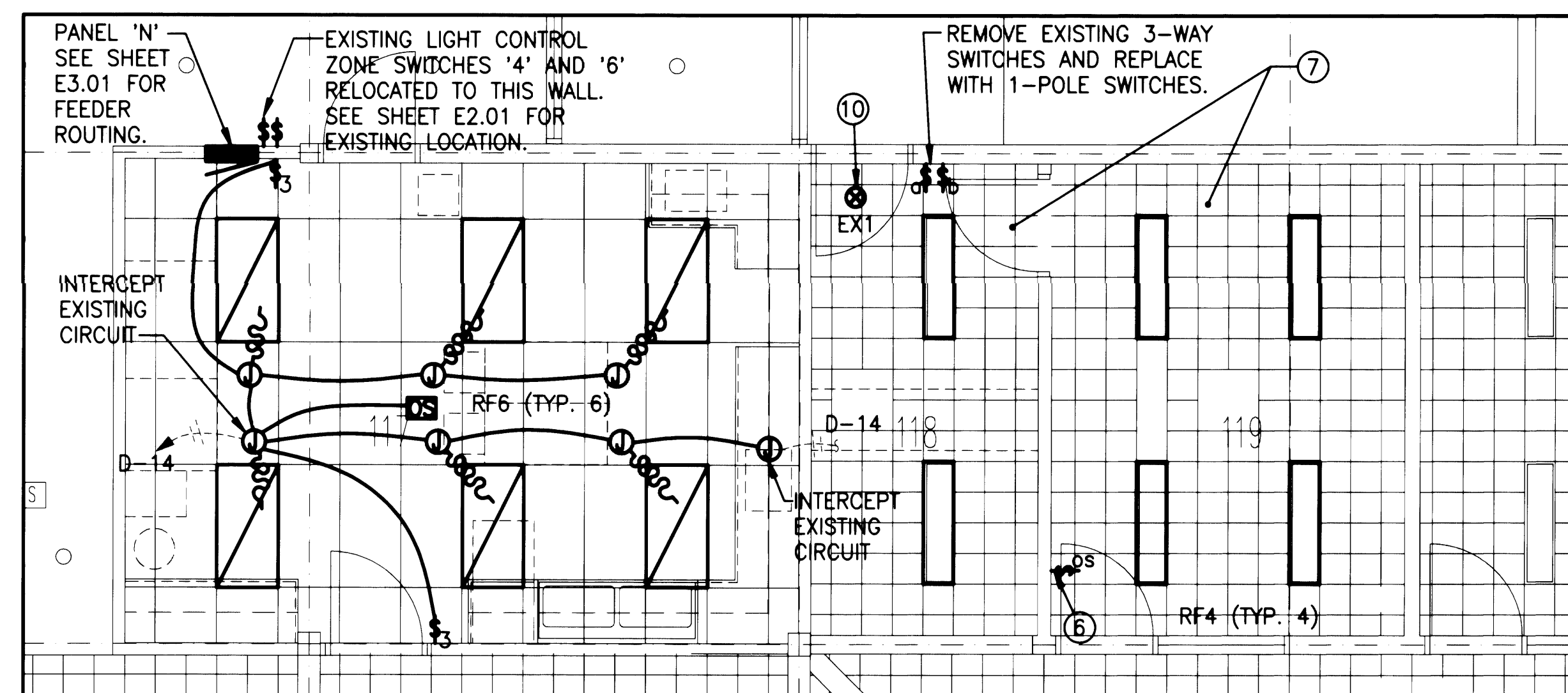
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SCALE: 1/4" = 1'-0"



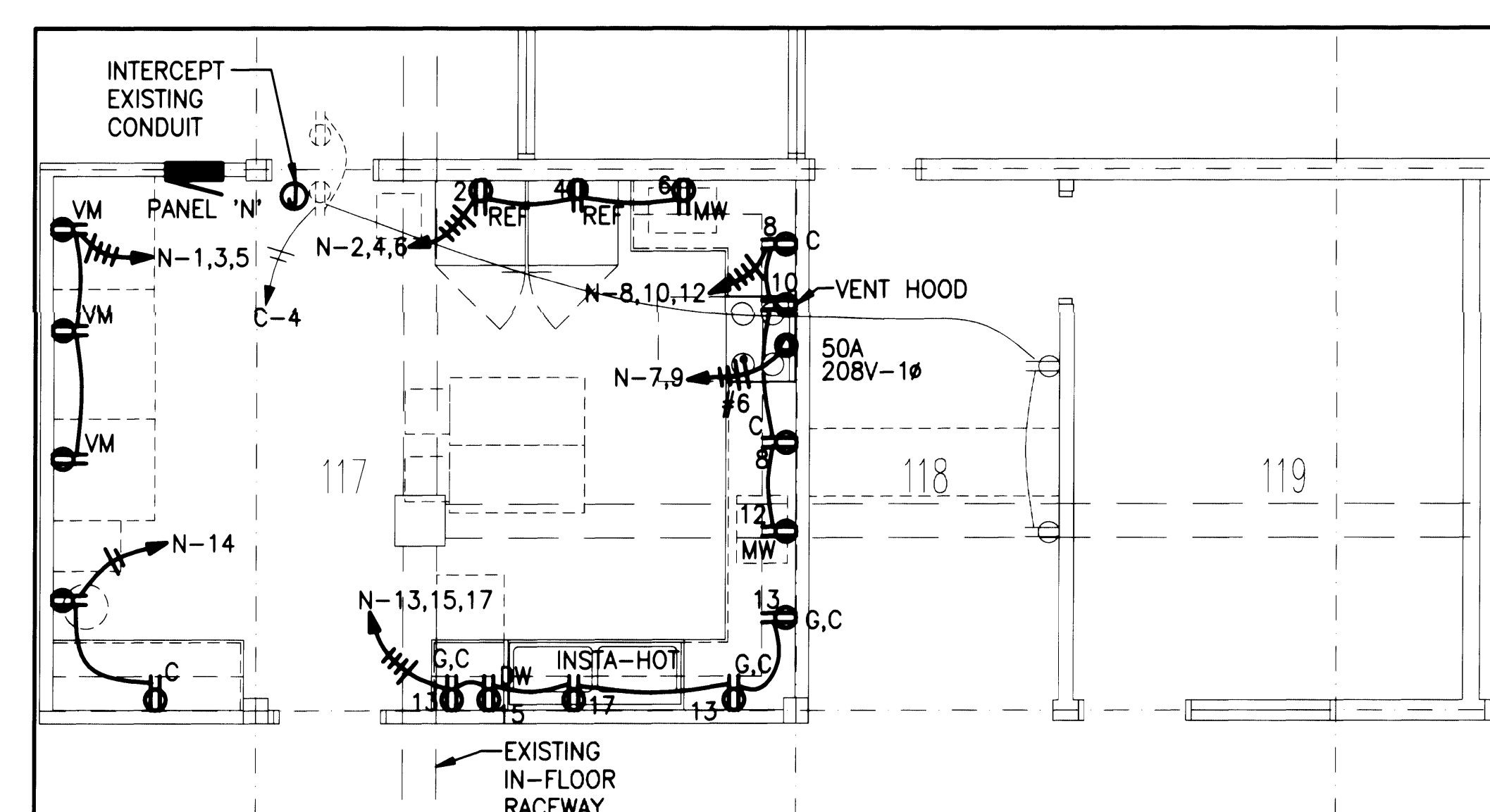
3 ENLARGE CONFERENCE ROOM - SYSTEMS PLAN
SCALE: 1/4" = 1'-0"

CONSTRUCTION NOTES

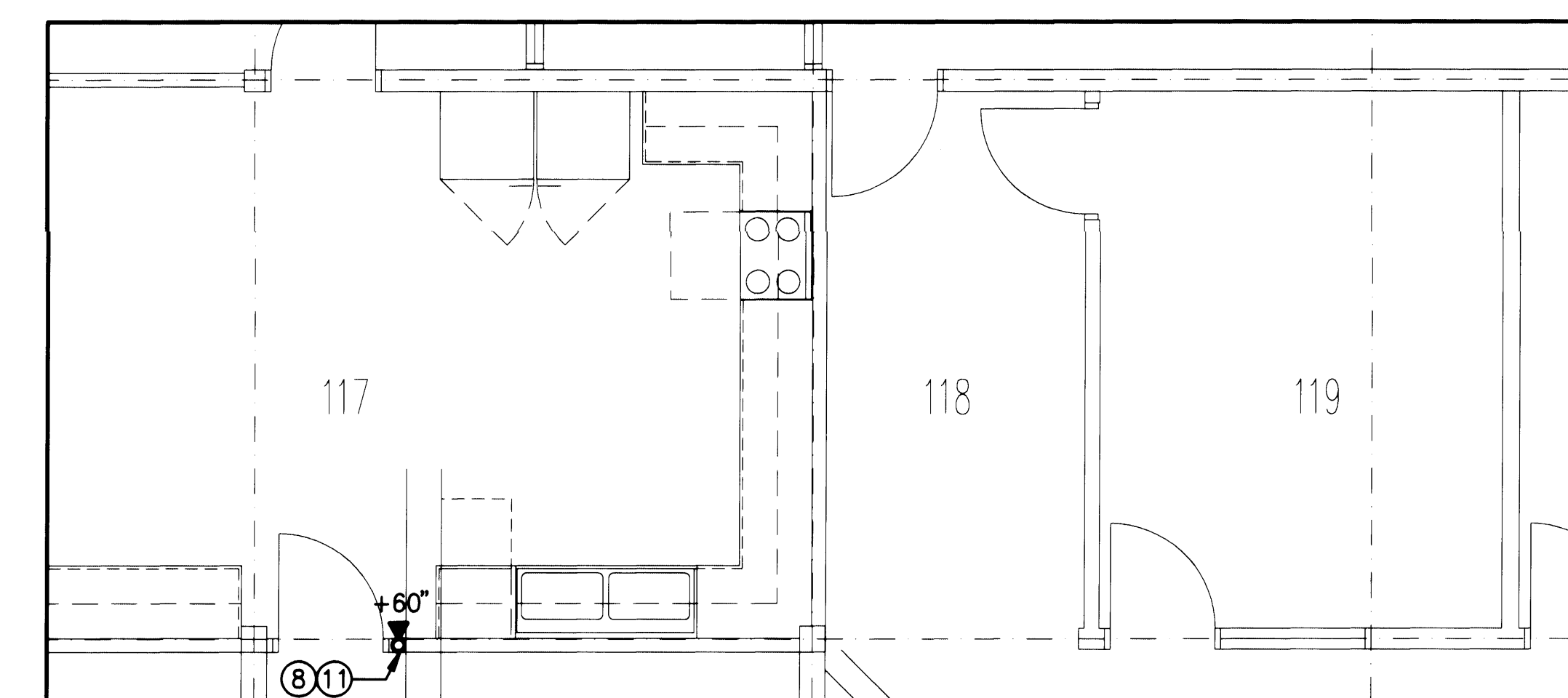
- PROVIDE 2" C. STUB FROM EXISTING IN FLOOR RACEWAY UP TO ABOVE ACCESSIBLE CEILING SPACE.
- SAWCUT FLOOR TO INSTALL FLOOR BOXES.
- REPLACE EXISTING RECEPTACLE WITH NEW. PROVIDE NEW COVERPLATE.
- INTERCEPT EXISTING CIRCUIT FROM REMOVED DEVICES AND EXTEND TO NEW DEVICE.
- INTERCEPT EXISTING CIRCUIT IN EXISTING IN-FLOOR RACEWAY AND EXTEND TO NEW DEVICES INDICATED.
- REPLACE EXISTING LIGHT SWITCHES WITH OCCUPANCY SENSOR SWITCH.
- EXISTING 2-LAMP F40T12 WITH MAGNETIC BALLAST LIGHT FIXTURES. E.C. TO RETROFIT EXISTING FIXTURES WITH ELECTRONIC BALLAST AND F032T8 LAMPS. PROVIDE NEW LAMP SOCKETS FOR MOUNTING OF LAMPS AND CLEAN EXISTING REFLECTOR.
- ROUTE ALL COMMUNICATIONS WIRING TO THE TELEPHONE ROOM 126.
- SEE SHEET E6.01 FOR A/V 1-LINE DIAGRAM FOR NEW CONFERENCE ROOM.
- REPLACE EXISTING EXIT SIGN WITH NEW.
- PROVIDE 3/4" C. STUB FROM EXISTING IN FLOOR RACEWAY UP TO DEVICE.



4 ENLARGE KITCHEN AREA - LIGHTING PLAN
SCALE: 1/4" = 1'-0"



5 ENLARGE KITCHEN AREA - POWER PLAN
SCALE: 1/4" = 1'-0"



6 ENLARGE KITCHEN AREA - SYSTEMS PLAN
SCALE: 1/4" = 1'-0"

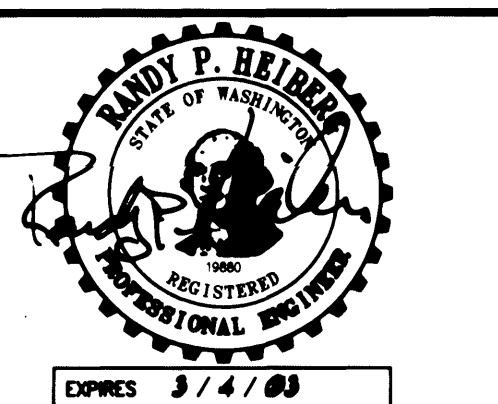
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APPROVED

JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT #
998084

EP #
5345-23



NO.	DATE	BY	DESCRIPTION

TITLE
ENLARGE PLANS
NEW CONFERENCE
ROOM & KITCHEN
AREA.

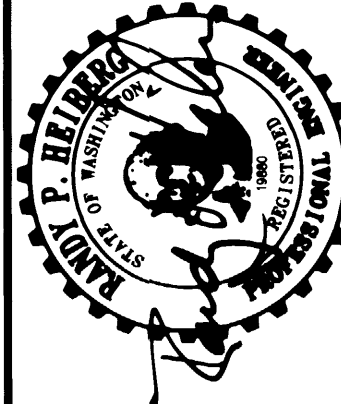
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DRAWN G.C.
CHECKED PH
DATE MARCH 4, 2002
CADD FILE
JOB NUMBER 20-05

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THAN 30X42, IT HAS
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 DATE: 3/1/03
JEFFREY A. LINCOLN
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FACILITIES DEVELOPMENT

CONTRACT #
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EP #
5345-23

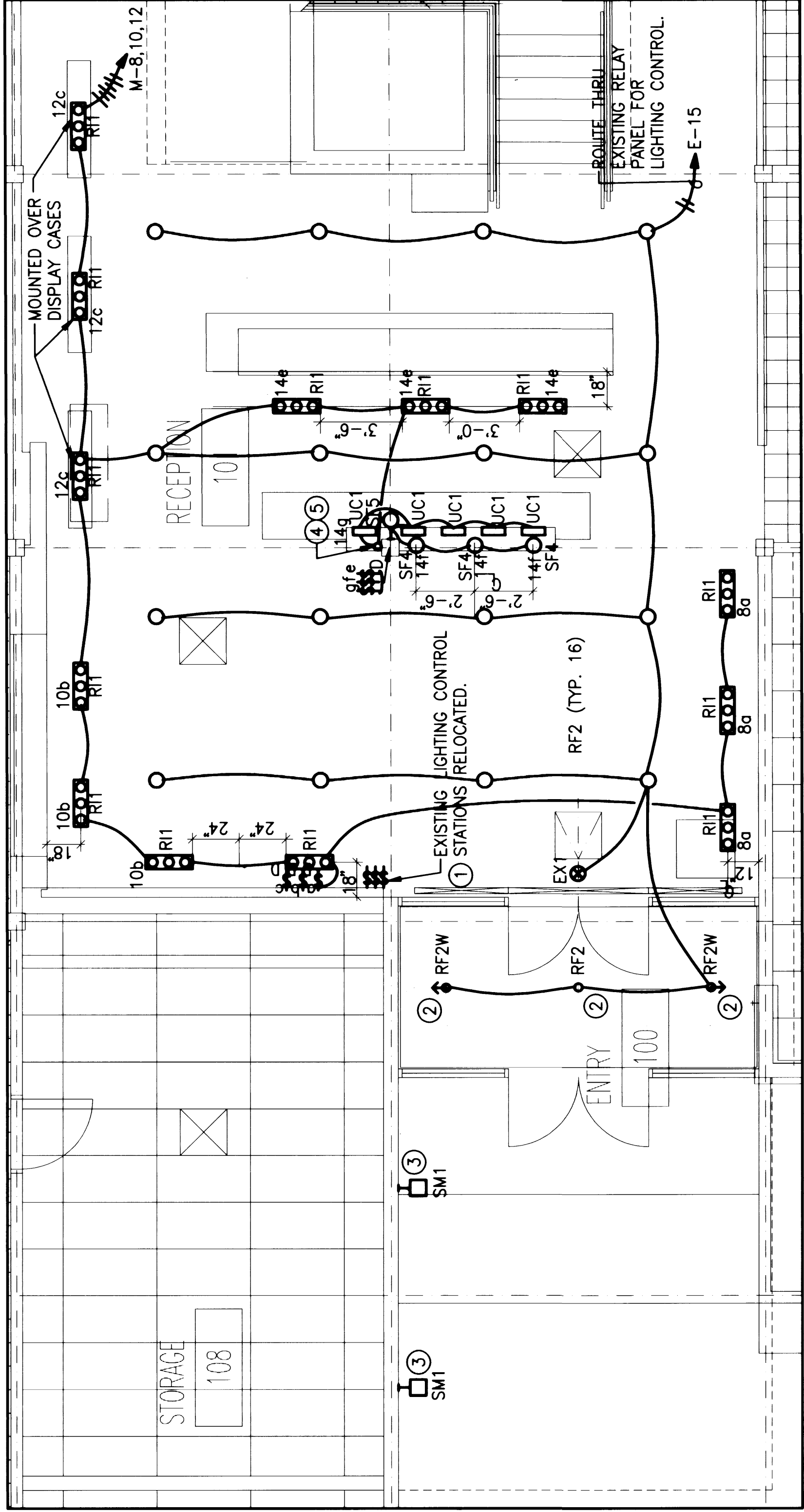


REVISION	NO.	DATE	BY	DESCRIPTION

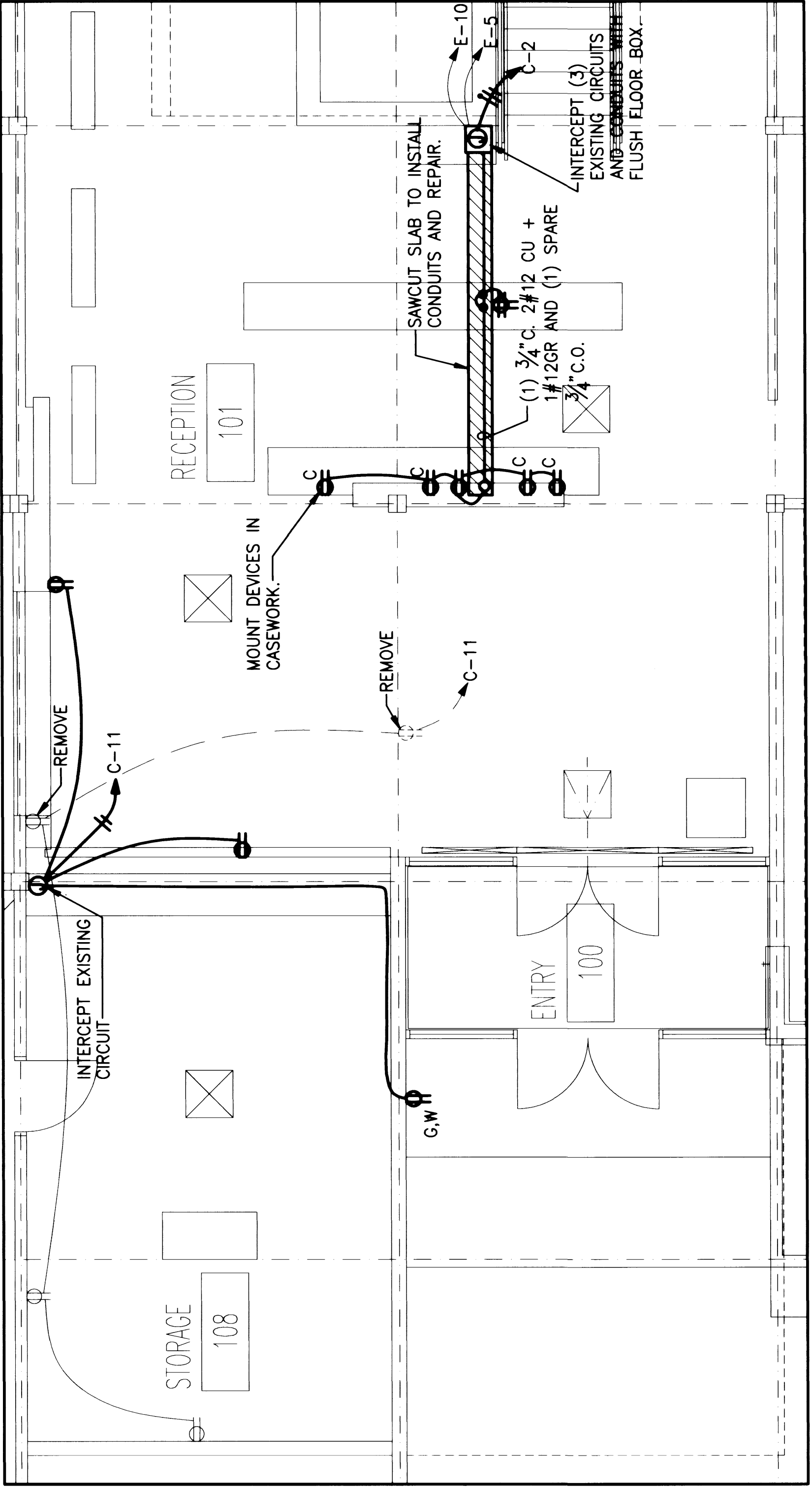
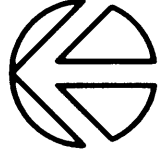
TITLE
**FIRST LEVEL
RECEPTION AND
ENTRY LEVEL.**

DESIGNED	C.D.E.
DRAWN	O.C.
CHECKED	P.H.
DATE	PROJECT
CHECK FILE	
JOB NUMBER	204-05

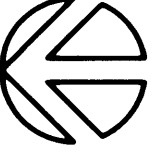
E413



1 ENTRY AREA LIGHTING PLAN
SCALE: 1/8" = 1'-0"

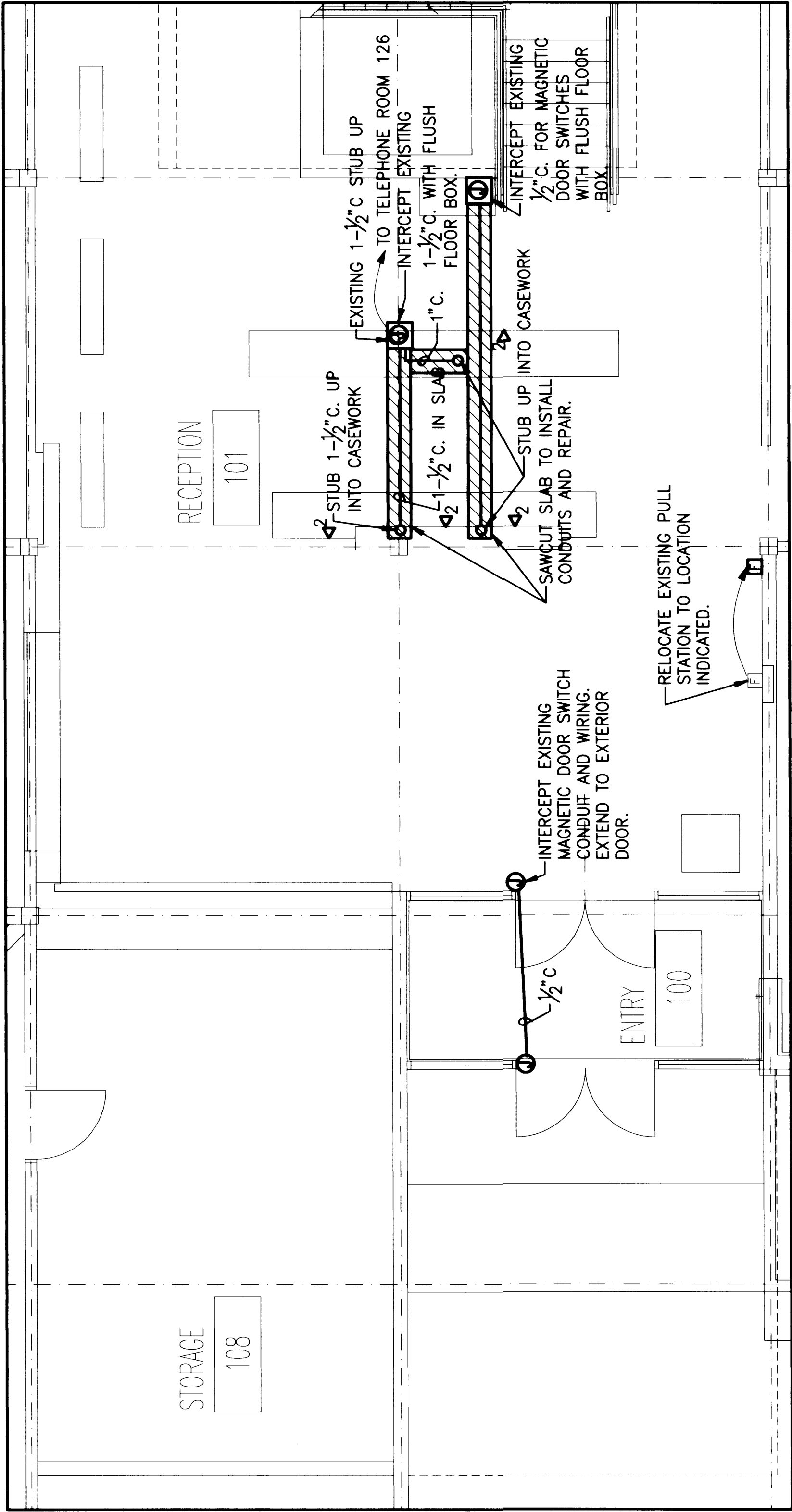


2 ENTRY AREA POWER PLAN
SCALE: 1/8" = 1'-0"

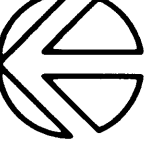


CONSTRUCTION NOTES.

- 1 INTERCEPT EXISTING WIRING AND RACEWAY AND ROUTE TO NEW LOCATION FOR DEVICES.
- 2 PROVIDE LIGHT FIXTURES WITH SLOPED CEILING ADAPTERS AND TRIM.
- 3 REPLACE EXISTING FIXTURES WITH NEW AS INDICATED.
- 4 ROUTE CONDUIT DOWN COLUMN TO DIMMER SWITCH.
- 5 PROVIDE (1) DIMMER SWITCH TO OPERATE SIX FIXTURES; (1) SWITCH TO OPERATE SEVEN AND DIMMER SWITCHES; (1) SWITCH TO OPERATE UNDER COUNTER LIGHTS.



3 ENTRY AREA SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

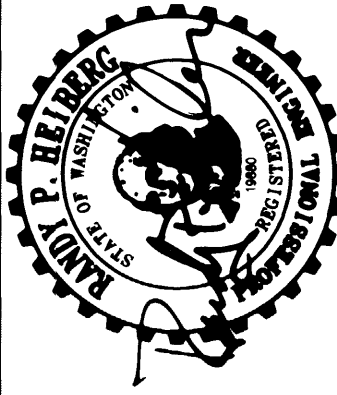


IF SHEET IS OTHER
THAN 30X42, IT HAS
BEEN REDUCED.

APPROVED  DATE: 3/1/03
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT #
998084

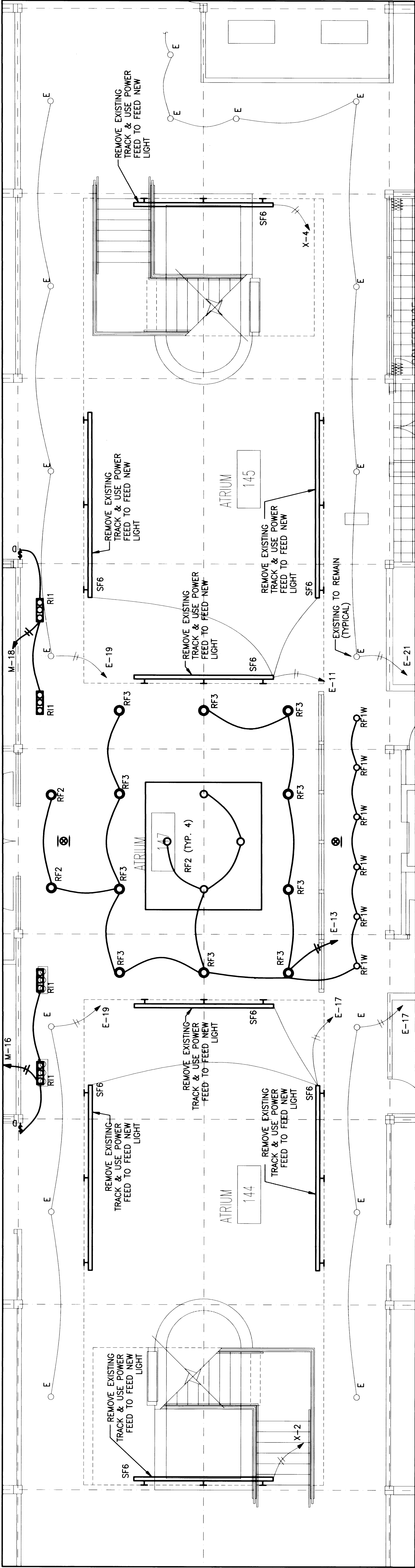
EP #
5345-23



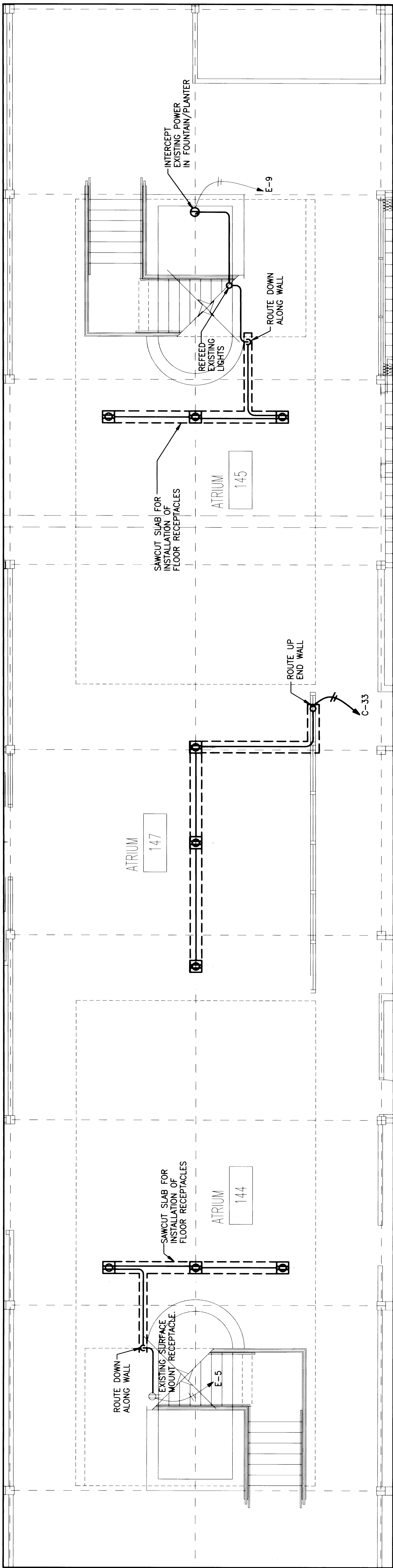
REVISION	NO.	DATE	BY	DESCRIPTION

TITLE	FRST LEVEL ATRIUM PLAN LIGHTING, POWER & SYSTEMS
DRAWN	CLE
CHECKED	RL
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	202-05

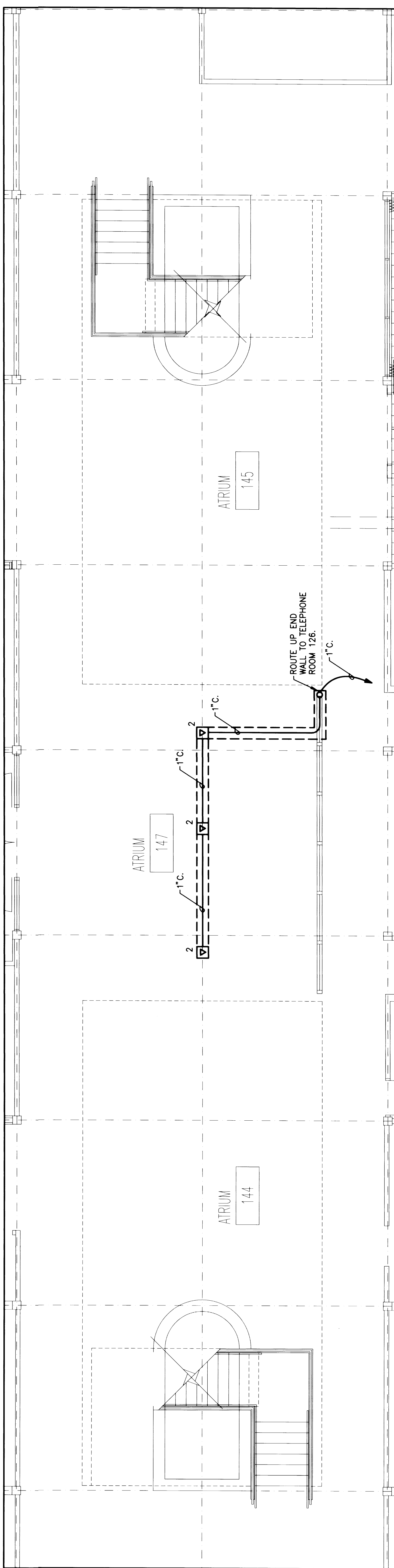
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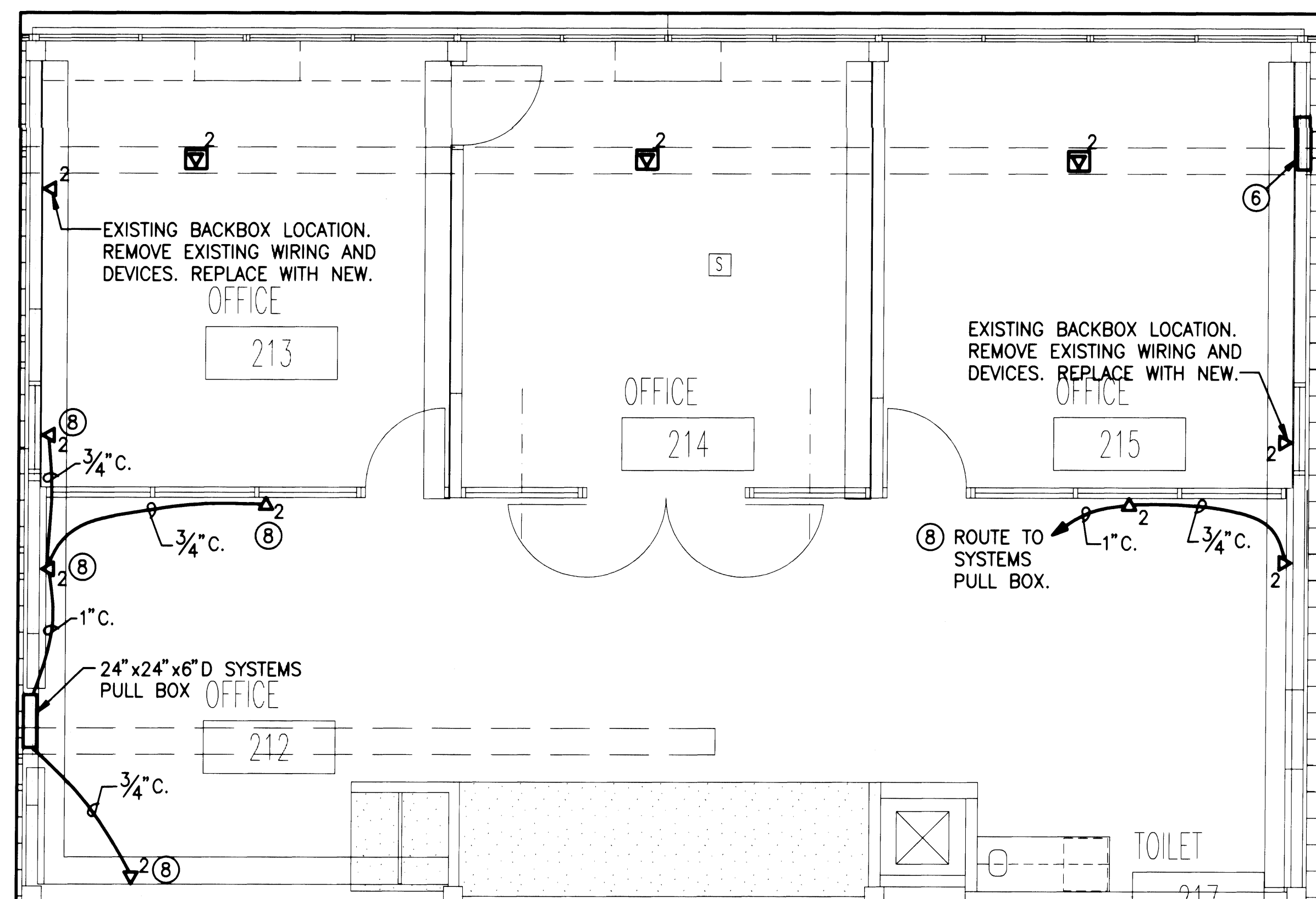
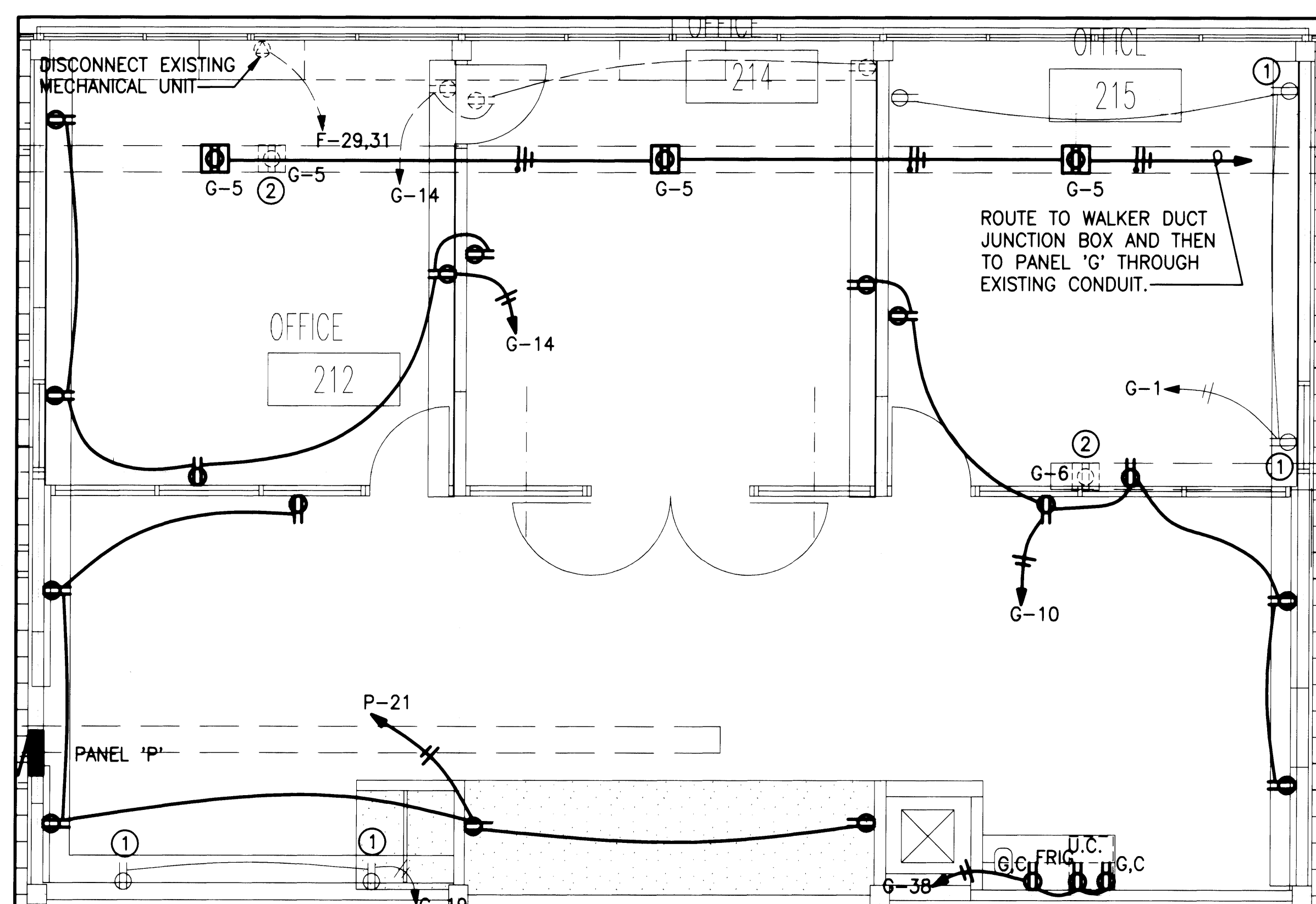
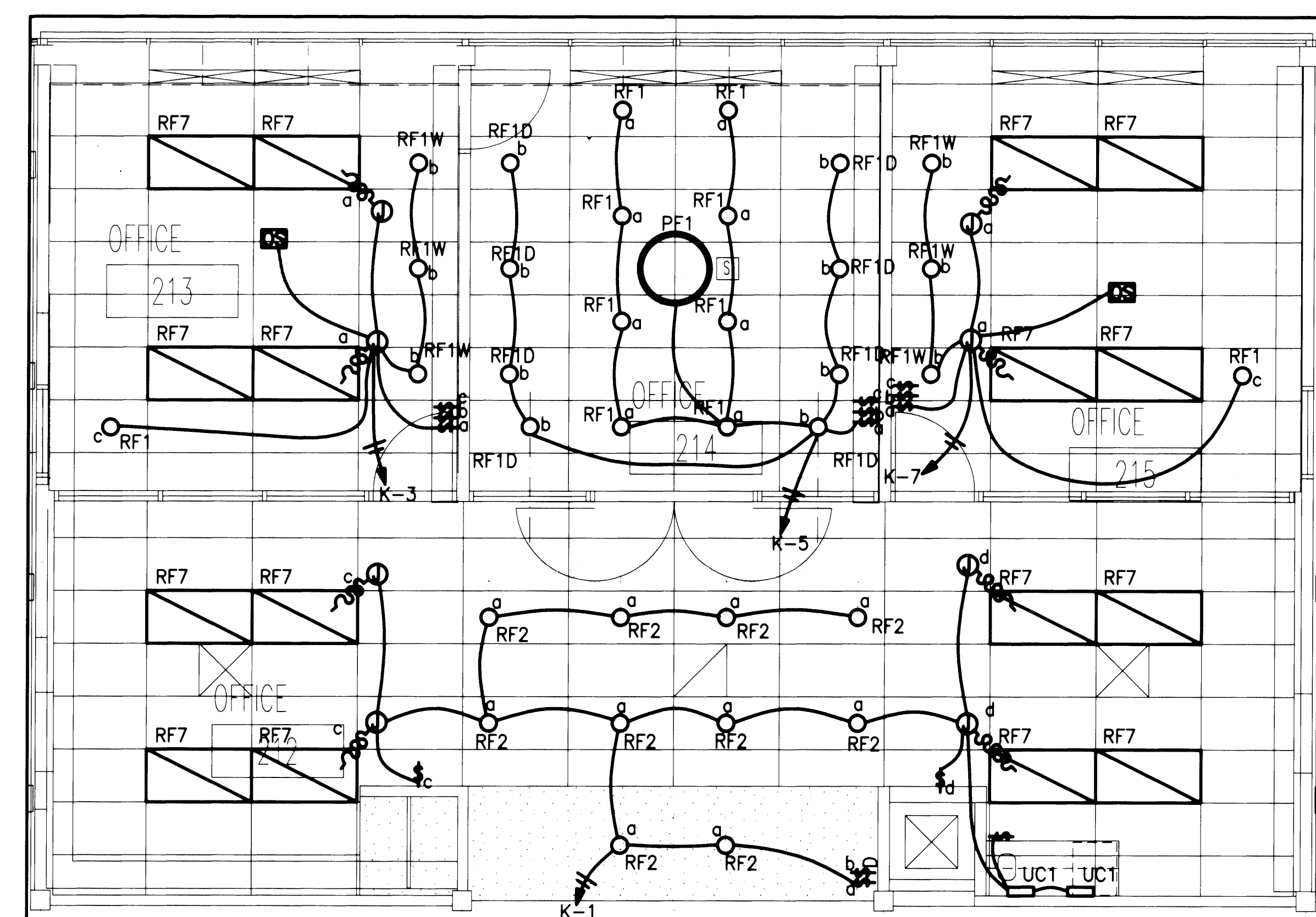
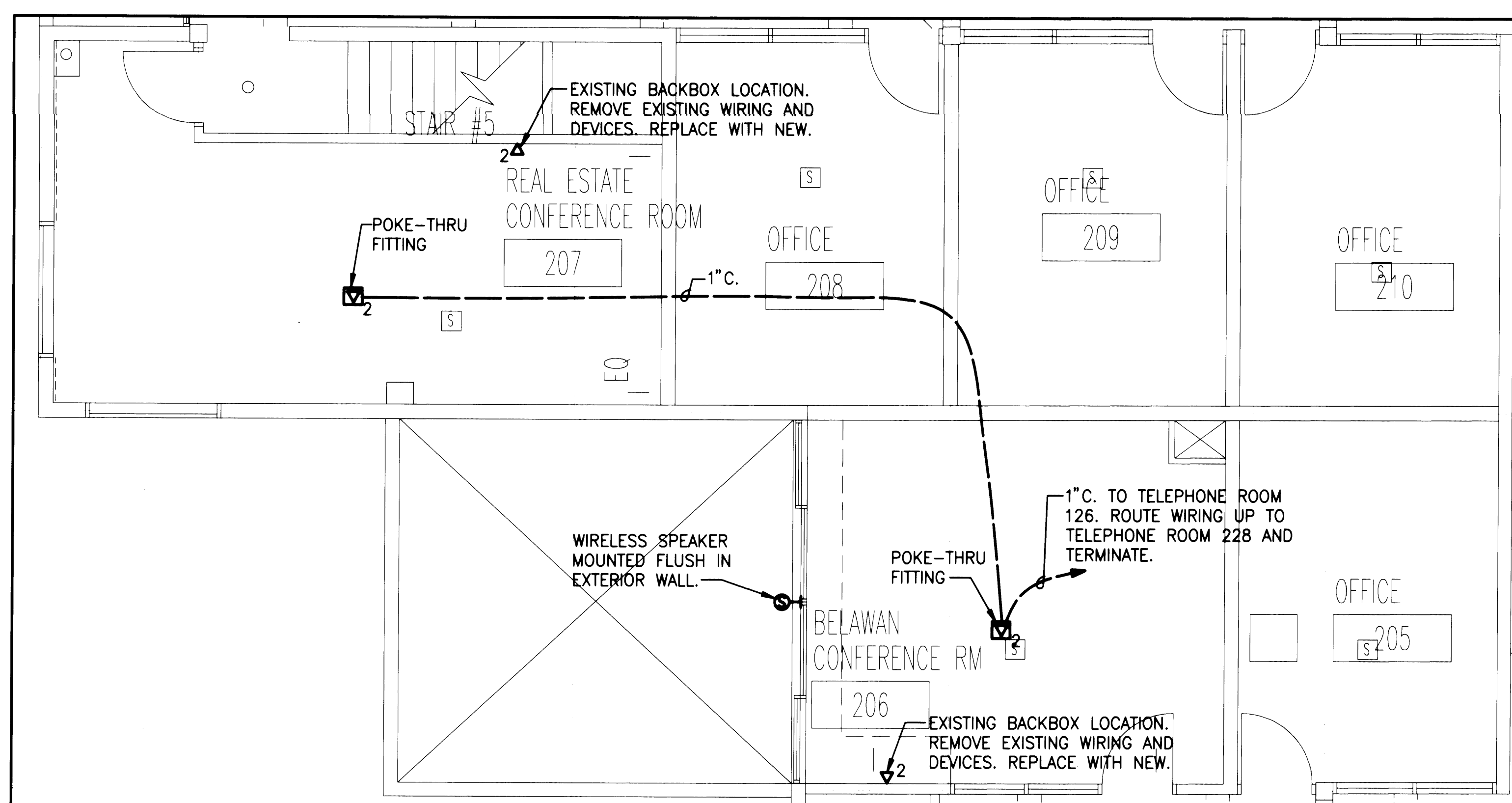
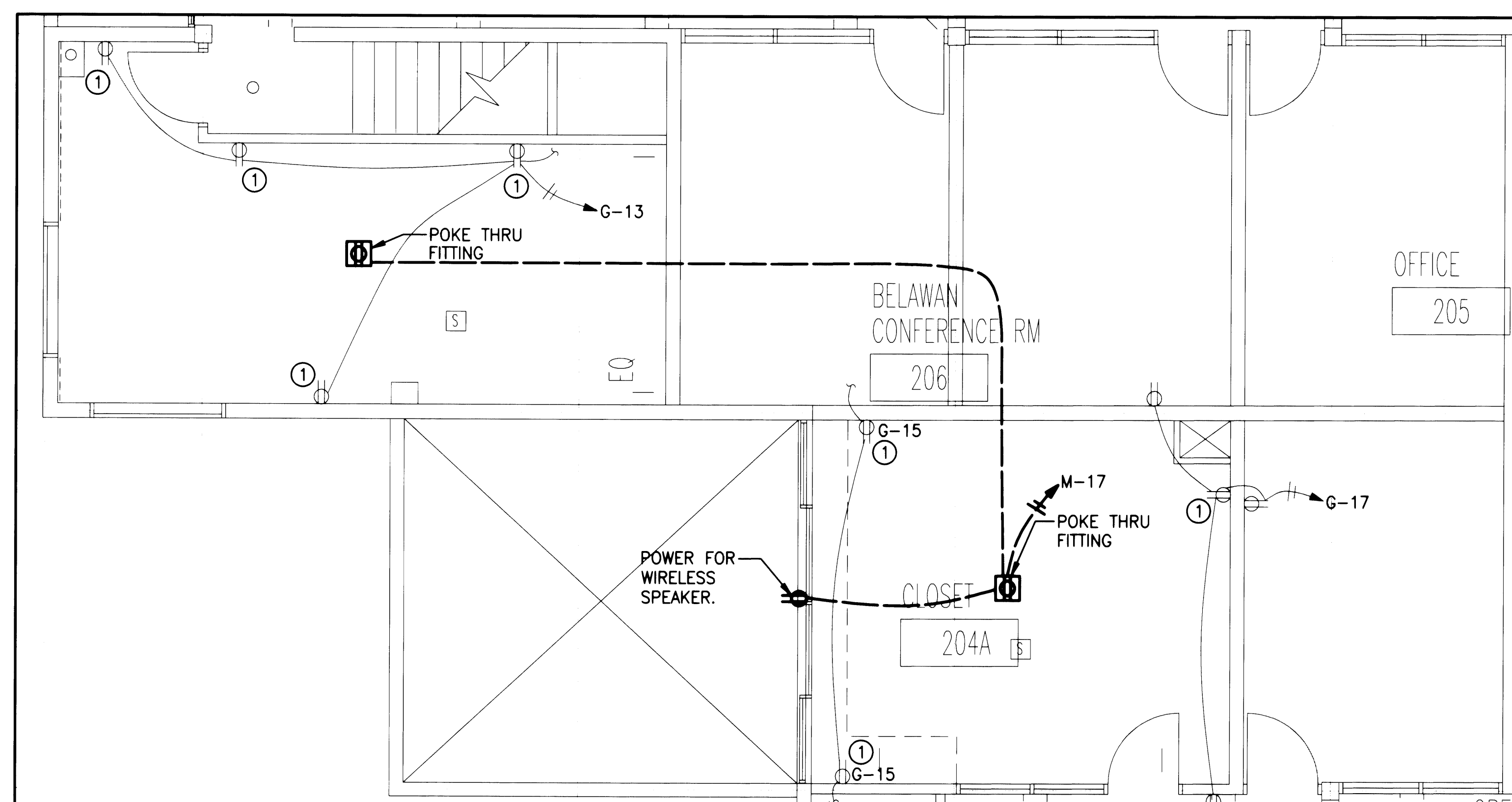
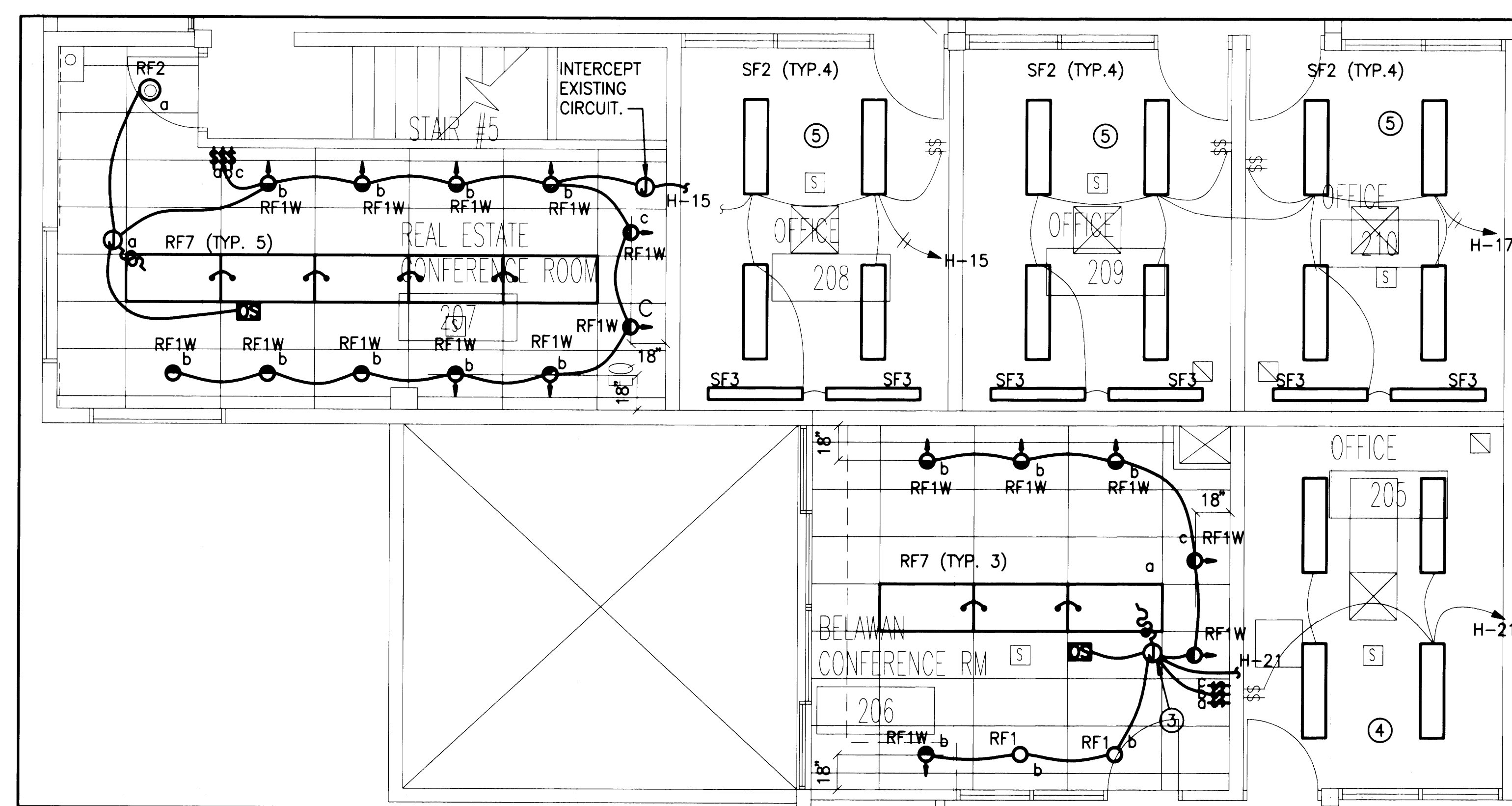
① ATRIUM LIGHTING PLAN
SCALE: 1/4" = 1'-0"



② ATRIUM POWER PLAN
SCALE: 1/4" = 1'-0"



③ ATRIUM SYSTEMS PLAN
SCALE: 1/4" = 1'-0"



- ## CONSTRUCTION NOTES
- ① REPLACE EXISTING RECEPTACLE WITH NEW. PROVIDE NEW COVERPLATE AND EXTENSION RING TO ACCOMMODATE NEW WALL FINISH.
 - ② REMOVE EXISTING FLOOR PEDESTAL AND DEVICE.
 - ③ INTERCEPT EXISTING CIRCUIT.
 - ④ RETROFIT EXISTING 2-LAMP T12 MAGNETIC BALLAST, SURFACE MOUNTED FIXTURES TO ELECTRONIC BALLAST, 2-LAMP, F032 T8. PROVIDE NEW TOMBSTONES FOR MOUNTING OF T8 LAMPS. REPLACE EXISTING BALLAST WITH ELECTRONIC BALLAST AND PROVIDE NEW T8 LAMPS.
 - ⑤ REPLACE EXISTING LIGHT FIXTURES WITH NEW ONES AS INDICATED.
 - ⑥ PROVIDE 24"x24"x6"D FLUSH PULL BOX WITH (3) 2" C. UP TO PULL BOX IN ATTIC. PROVIDE (2) 2" C. DOWN INTO EXISTING IN FLOOR RACEWAY.
 - ⑦ ROUTE WIRING THROUGH WALKER DUCT RACEWAY TO TELEPHONE ROOM 228. SEE SHEET E3.02 FOR EXISTING CONDUITS ROUTED TO TELEPHONE ROOM FROM IN FLOOR RACEWAY.
 - ⑧ ROUTE WIRING THROUGH SYSTEMS PULL BOX, DOWN INTO WALKER DUCT RACEWAY TO TELEPHONE ROOM 228. SEE SHEET E3.02 FOR EXISTING CONDUITS ROUTED TO TELEPHONE ROOM FROM IN FLOOR RACEWAY.

LMN ARCHITECTS

801 SECOND AVENUE SUITE 501
SEATTLE WASHINGTON 98104
206.682.3460 FAX 343.9388



BLE
ENGINEERS, INC.



**PORT of
TACOMA
U.S.A. ★ ★ ★**

ADMINISTRATIVE OFFICE
BUILDING RENOVATION

IF SHEET IS OTHER
THAN 30X42, IT HAS
BEEN REDUCED.

APPROVED
 DATE 3-5-2009
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT #
998084

EP #
5345-23



REVISING			
NO.	DATE	BY	DESCRIPTION

TITLE

**EXECUTIVE
COMPLEX &
REAL ESTATE
CONFERENCE**

DRAWING	C.L.E.
DRAWN	G.C.
CHECKED	R.H.
DATE	MARCH 4, 2002
CADD FILE	
JOB NUMBER	200-186

E421

IF SHEET IS OTHER
THAN 30X42, IT HAS
BEEN REDUCED.

APPROVED
[Signature]
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT

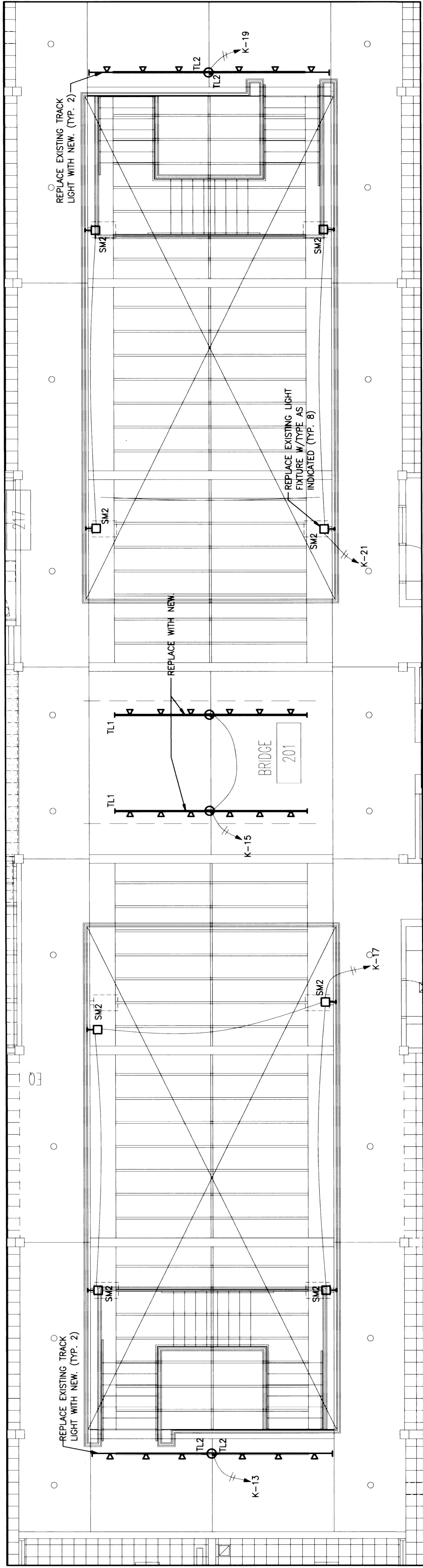
CONTRACT #
998084
EP #
5345-23



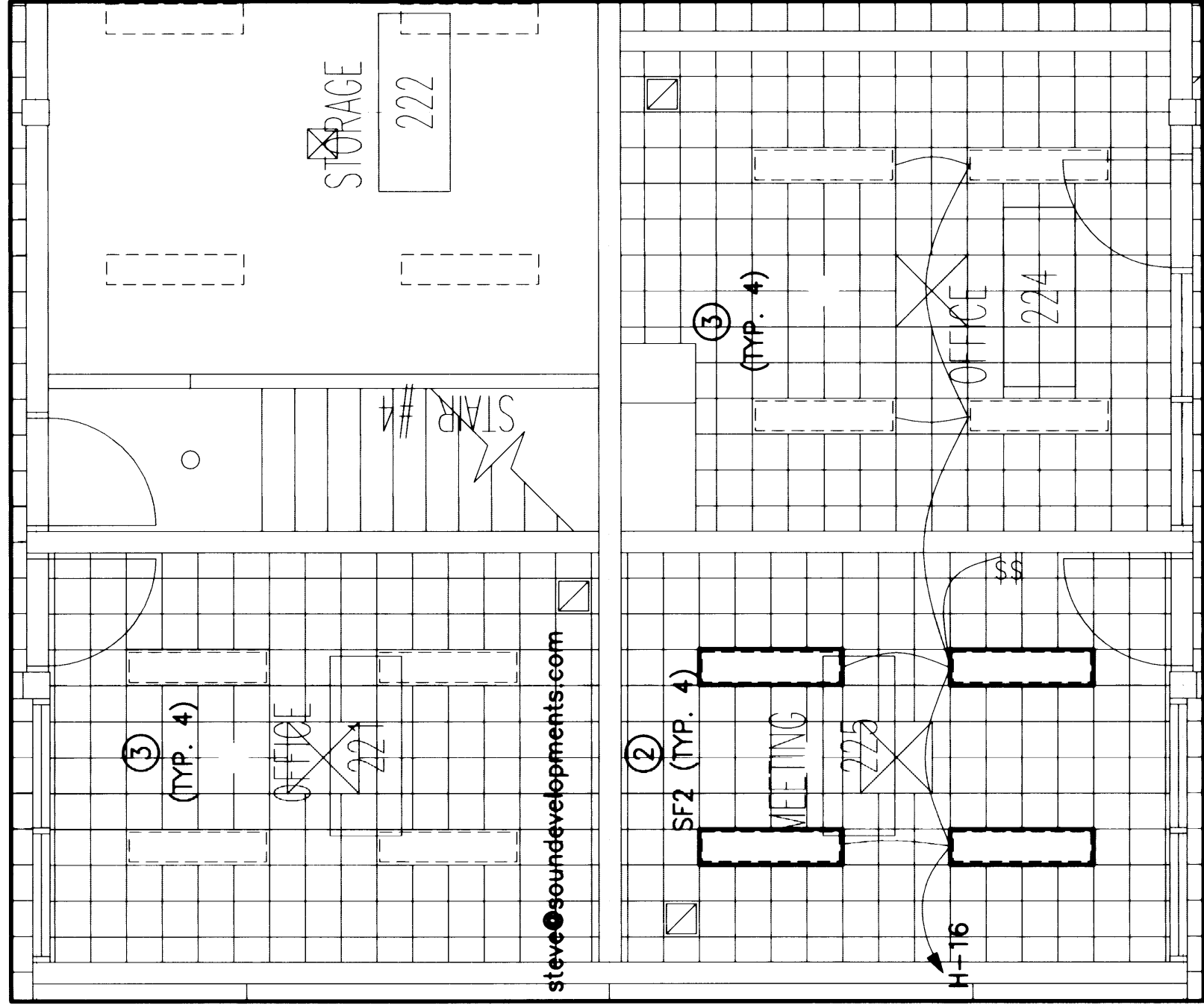
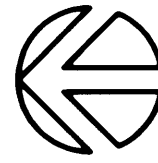
ATRILUM LIGHTING
MEETING ROOMS
AND OFFICES.

DESIGNED	C.L.E.
DRAWN	O.C.
CHECKED	P.A.
DATE	MARCH 4, 2002
DRAWN FILE	
JOB NUMBER	202-02

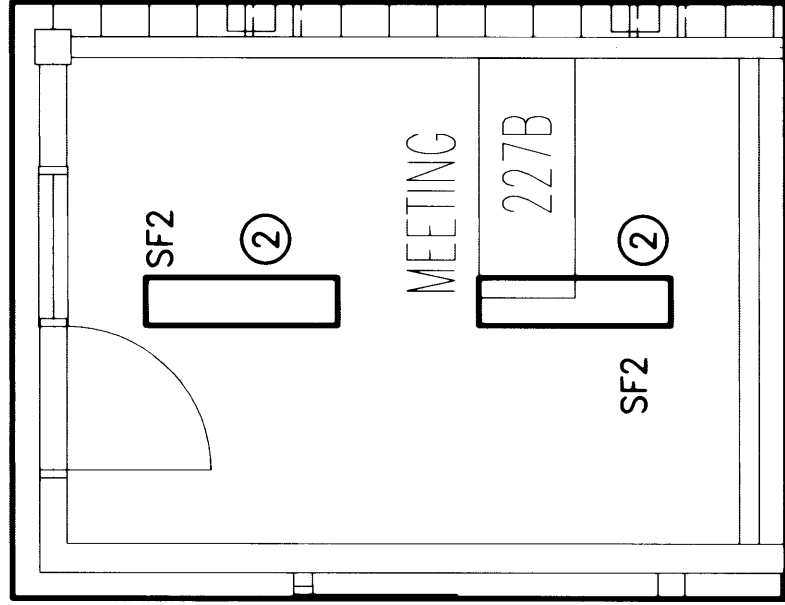
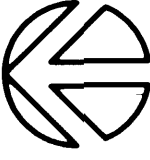
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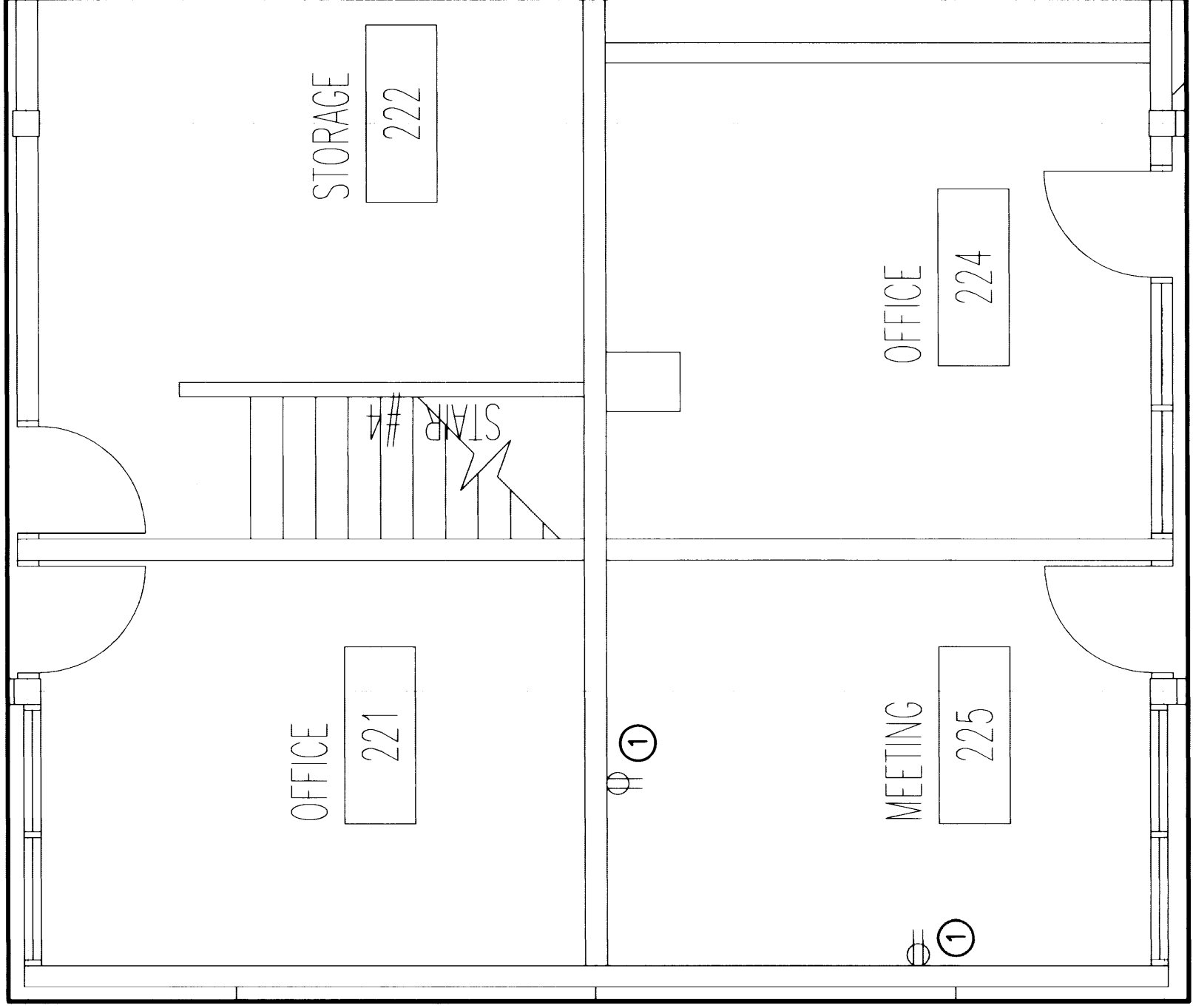
1 SECOND LEVEL ATRIUM LIGHTING PLAN
SCALE: 1/4" = 1'-0"



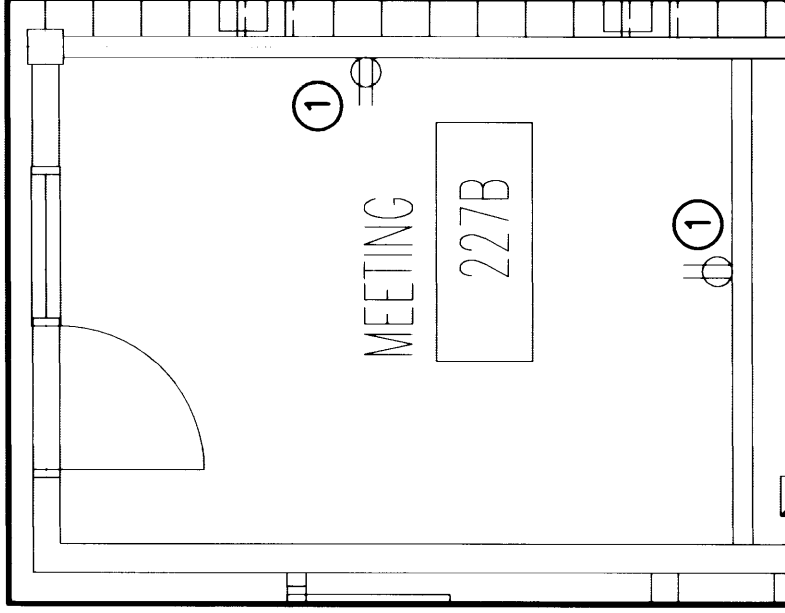
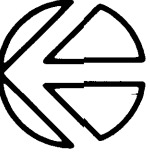
2 MEETING ROOM LIGHTING PLAN
SCALE: 1/4" = 1'-0"



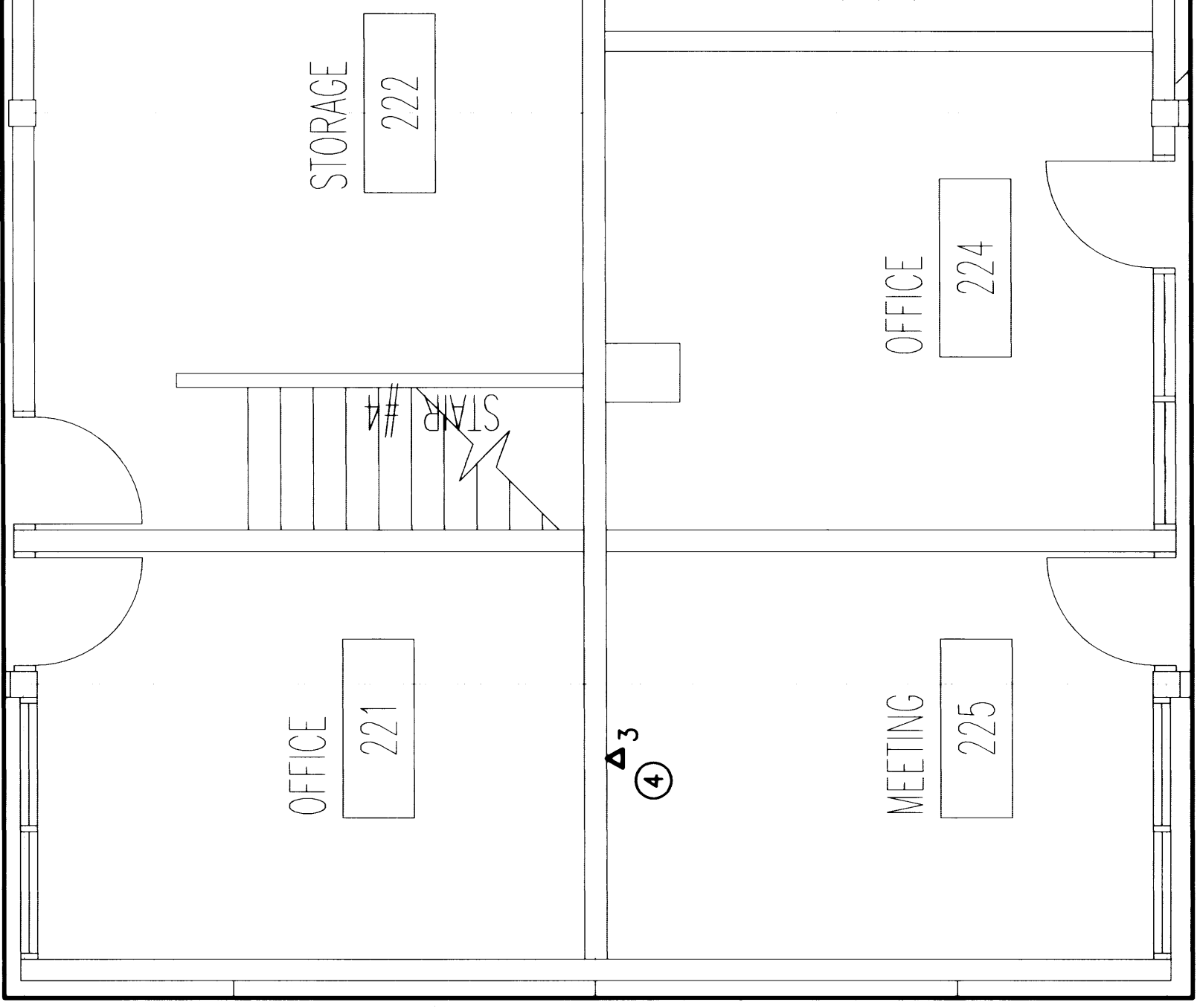
5 MEETING ROOM LIGHTING PLAN
SCALE: 1/4" = 1'-0"



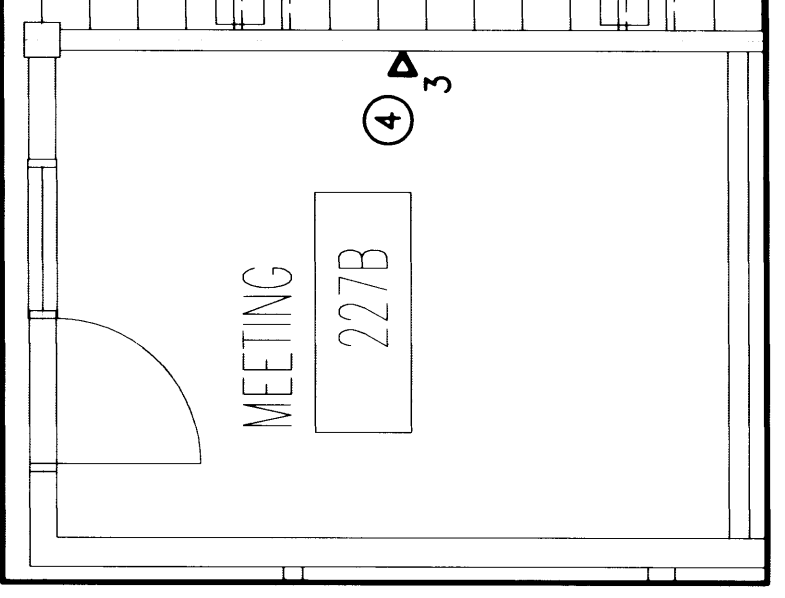
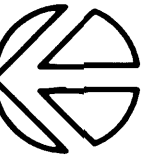
3 MEETING ROOM POWER PLAN
SCALE: 1/4" = 1'-0"



6 MEETING ROOM POWER PLAN
SCALE: 1/4" = 1'-0"



4 MEETING ROOM SYSTEMS PLAN
SCALE: 1/4" = 1'-0"



7 MEETING ROOM SYSTEMS PLAN
SCALE: 1/4" = 1'-0"



CONSTRUCTION NOTES.

- 1 REPLACE EXISTING RECEPTACLE WITH NEW. PROVIDE NEW COVERPLATE.
- 2 REPLACE EXISTING LIGHTING WITH TYPE AS INDICATED.
- 3 REPLACE EXISTING (2) FA0T12 LAMPS AND MAGNETIC BALLAST IN SURFACE MOUNT 1x4 FIXTURES WITH NEW F032 T8 LAMPS AND ELECTRONIC BALLAST. PROVIDE LAMP SOCKETS. FOR INSTALLATION OF T8 LAMPS.
- 4 REMOVE EXISTING DEVICES AND WIRING. MAINTAIN EXISTING BACKBOX. PROVIDE NEW DEVICES, COVERPLATE AND WIRING. REUSE EXISTING CONDUIT.

EXISTING PANEL H										3	Ø	4	WIRE	208 /120 VOLTS				100 AMPS MAIN				
GOULD ITE CDP7										SURFACE MOUNT				32 POLES				100A/3P BREAKER				
LOAD	CIRCUIT DIRECTORY					CIR. NO.	CIRC. BRKR.	A	B	C	CIR. NO.	CIRC. BRKR.	A	B	C	CIRCUIT DIRECTORY					LOAD	
812	LIGHTING - INDUST. DEV. 112					1	1P-20A	●			1P-20A	2	LIGHTING - DATA PROCESSING					928				
580	LIGHTING - INDUST. DEV. 112					3	1P-20A	●			1P-20A	4	LIGHTING - DATA PROCESSING					580				
580	LIGHTING - INDUST. DEV. 112					5	1P-20A		●		1P-20A	6	LIGHTING - DATA PROCESSING					580				
580	LIGHTING - INDUST. DEV. 112					7	1P-20A	●			1P-20A	8	LIGHTING - DATA PROCESSING					580				
812	LIGHTING - INDUST. DEV. 112					9	1P-20A	●			1P-20A	10	LIGHTING - DATA PROCESSING					686				
812	LIGHTING - INDUST. DEV. 112					11	1P-20A		●		1P-20A	12	LIGHTING - DATA PROCESSING					812				
928	LIGHTING - INDUST. DEV. 112					13	1P-20A	●			1P-20A	14	LIGHTING - DATA PROCESSING					812				
836	LIGHTING - DEV. CON. CTR; OFFICE 20					15	1P-20A	●			1P-20A	16	LIGHTING - CONF. 225, STOR. 224					464				
604	LIGHTING - CONF. 209, OFFICE 210					17	1P-20A		●		1P-20A	18	LIGHTING - CONF. 221, STOR. 222					464				
	LIGHTING OUTLET					19	1P-20A	●			1P-20A	20	SPARE									
686	LIGHTING CONF. 206, OFFICE 205					21	1P-20A	●			1P-20A	22	CEILING RADIANT HEAT					1000				
464	LIGHTING - TRADE & DEVELOPMENT					23	1P-20A		●		1P-20A	24	LIGHTING - AUDITING 219					464				
686	LIGHTING - TRADE & DEVELOPMENT					25	1P-20A	●			1P-20A	26	LIGHTING - AUDITING 219					686				
928	LIGHTING - TRADE & DEVELOPMENT					27	1P-20A		●		1P-20A	28	LIGHTING - AUDITING 219					928				
580	LIGHTING - TRADE & DEVELOPMENT					29	1P-20A		●		1P-20A	30	LIGHTING - AUDITING 219					580				
580	LIGHTING - TRADE & DEVELOPMENT					31	1P-20A	●			1P-20A	32	LIGHTING - AUDITING 219					580				
10478	TOTAL VA=					20642					CURRENT					67.30					AMPS	10164
	DEMAND VA=					25,553					DEMAND CURRENT					70.93					AMPS	

EXISTING PANEL K					3	Ø	4	WIRE	208 /120 VOLTS					100 AMPS MAIN					
GOULD ITE CDP7					SURFACE MOUNT					32 POLES					100A/3P BREAKER				
LOAD	CIRCUIT DIRECTORY				CIR. NO.	CIRC. BRKR.	A	B	C	CIR. NO.	CIRC. BRKR.	CIRCUIT DIRECTORY				LOAD			
814	LIGHTING - SEC/REC 212				1	1P-20A	●			1P-20A	2	LIGHTING - MECH. 252				700			
256	LIGHTING - OFFICE 213				3	1P-20A		●		1P-20A	4	LIGHTING - WOMEN, TEL. STORAGE				1636			
516	LIGHTING - OFFICE 214				5	1P-20A			●	1P-20A	6	LIGHTING - MEN, JAN, STOR				1452			
256	LIGHTING - OFFICE 215, T ROOM 217				7	1P-20A	●			1P-20A	8	LIGHTING - NW DECK				750			
1000	LIGHTING - N. CORRIDOR 202				9	1P-20A		●		1P-20A	10	LIGHTING - NE DECK				750			
1000	LIGHTING - S. CORRIDOR 200				11	1P-20A			●	1P-20A	12	LIGHTING SW DECK				675			
504	LIGHTING - W. CORRIDOR 203 TRACK				13	1P-20A	●			1P-20A	14	LIGHTING - SE DECK				600			
1108	LIGHTING - BRIDGE 201 TRACK				15	1P-20A		●		1P-20A	16	RECEPT - FINANCE				900			
1200	LIGHTING - W. ATRIUM SKYLIGHT				17	1P-20A			●	1P-20A	18	RECEPT - FINANCE				900			
504	LIGHTING - E. CORRIDOR 220 TRACK				19	1P-20A	●			1P-20A	20	SPARE							
1200	LIGHTING - E. ATRIUM SKYLIGHT				21	1P-20A		●		1P-20A	22	SPARE							
1176	MECH. CABINET FAN 1 - RM. 205,225				23	2P	/		●	1P-20A	24	SPARE							
					25	20A	●			1P-20A	26	SPARE							
1176	MECH. - EF2 & TU1 - RM 217, 221				27	1P-20A		●		1P-20A	28	FLOOR OUTLETS SE				1260			
	SPARE				29	1P-20A			●	1P-20A	30	FLOOR OUTLETS SE				1260			
	SPARE				31	1P-20A	●			1P-20A	32	LIGHTING TRANSFORMER				500			
10710	TOTAL VA=				22093				CURRENT				61.32				AMPS	11383	
	DEMAND VA=				25,823				DEMAND CURRENT				71.68				AMPS		

EXISTING PANEL L										3	Ø	4	WIRE	208 /120 VOLTS	225 AMPS MAIN		
GOULD ITE CDP7										SURFACE MOUNT				42 POLES	LUGS ONLY		
LOAD	CIRCUIT DIRECTORY				CIR. NO.	CIRC. BRKR.	A	B	C	CIR. NO.	CIRC. BRKR.	A	B	C	LOAD		
660	CABINET FAN 2 - TEL 302				1	2P	●			1P-20A	2				900		
					3	20A	●			1P-20A	4				900		
					5	3P	●			1P-20A	6				1400		
1270	CONDENSOR (C-1)				7		●			1P-20A	8				700		
					9	20A	●			1P-20A	10				900		
					11	3P	●			1P-20A	12						
7300	AIR CONDITIONER (AC-1)				13		●			1P-20A	14				540		
					15	30A	●			2P	16				3000		
	HEAT RECLAIM UNIT				17	1P-20A	●			20A	18						
30	AIRCONDITIONER - COMPUTER ROOM				19	1P-20A	●			3P	20						
1200	AC UNIT - COMPUTER ROOM				21	1P-30A	●			●	22				14000		
1200	AC UNIT - COMPUTER ROOM				23	1P-30A	●			50A	24						
900	AC UNIT - NEW ADDITION				25	1P-20A	●			1P-20A	26				672		
2400	AC UNIT - NEW ADDITION				27	2P	●			2P	28				2720		
					29	30A	●			50A	30						
	SPACE				31		●			1P-20A	32				100		
	SPACE				33		●				34						
	SPACE				35		●				36						
	SPACE				37		●				38						
	SPACE				39		●				40						
	SPACE				41		●				42						
14960	TOTAL VA=				40782				CURRENT				113.23				26832
	DEMAND VA=				41,935				DEMAND CURRENT				116.40				

EXISTING PANEL CP										3	Ø	4	WIRE	208 /120 VOLTS	100 AMPS MAIN
GOULD ITE CDP										FLUSH MOUNT				42 POLES	60A/3P SHUNT TRIP BREAKER
LOAD	CIRCUIT DIRECTORY				CIR. NO.	CIRC. BRKR.	A	B	C	CIR. NO.	CIRC. BRKR.	A	B	C	LOAD
3500	HP 3000 SERIES 58				1	2P	•			1P-20A	2				600
					3	30A	•			1P-20A	4				600
	SPARE				5	1P-20A	•			1P-20A	6				
300	TRENCH RECEPT				7	1P-20A	•			1P-20A	8				900
300	TRENCH RECEPT				9	1P-20A	•			1P-20A	10				600
300	TRENCH RECEPT				11	1P-20A	•			1P-20A	12				600
300	TRENCH RECEPT				13	1P-20A	•			1P-20A	14				600
300	TRENCH RECEPT				15	1P-20A	•			1P-20A	16				720
300	TRENCH RECEPT				17	1P-20A	•			1P-20A	18				720
300	TRENCH RECEPT				19	1P-20A	•			1P-20A	20				720
300	TRENCH RECEPT				21	1P-20A	•			1P-20A	22				720
	SPARE				23	1P-20A	•			1P-20A	24				720
	SPARE				25	1P-20A	•			1P-20A	26				720
					27	3P	•			2P	28				2400
1440	NEW COMPUTER				29	•				20A	30				
					31	30A	•			1P-20A	32				720
	SPACE				33	•				1P-20A	34				900
	SPACE				35	•				1P-20A	36				720
	SPACE				37	•				1P-20A	38				720
	SPACE				39	•				•	40				
	SPACE				41	•				•	42				
7340	TOTAL VA=				21020				CURRENT				58.35		

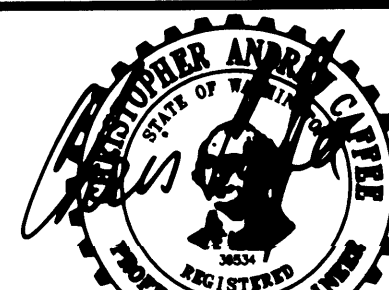
IF SHEET IS OTHER
THAN 30X42, IT HAS
BEEN REDUCED.

APPROVED

DATE 3-5-2002
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT
998084

EP
5345-23



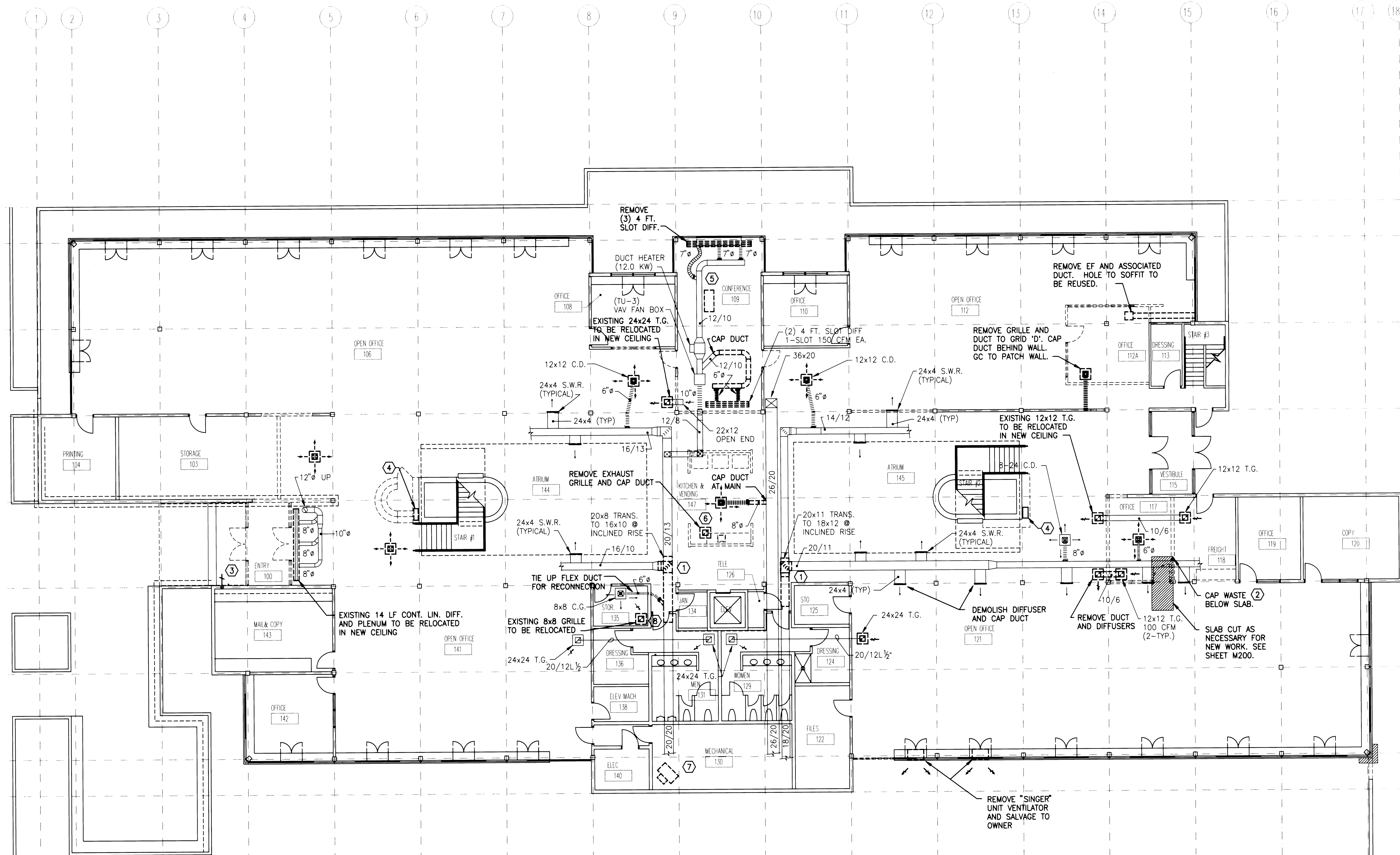
EXPIRES 06 / 31 / 02

NO.	DATE	BY	DESCRIPTION

**FIRST LEVEL
DEMOLITION**

DESIGNED	CAC
DRAWN	JWS
CHECKED	CAC
DATE	NO GET 09-09-02
CADD FILE	
JOB NUMBER	202-00

M101

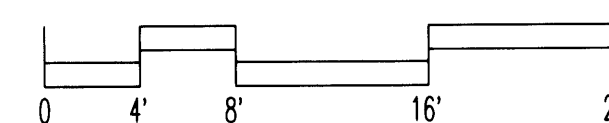


GENERAL DEMOLITION NOTES

1. TEXT SHOWN IN LIGHT IS OBTAINED FROM AS-BUILTS OR FIELD INVESTIGATION AND IS SHOWN FOR REFERENCE. NEW WORK IS SHOWN DARK.
2. REVIEW PHASING PLAN BEFORE DEMOLITION OCCURS.

FIRST LEVEL DEMOLITION PLAN

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



DEMOLITION NOTES

1. DEMOLISH DUCT AS SHOWN OR TO NEAREST WORKABLE DUCTBOARD JOINT.
2. FD ABOVE COLLECTS CONDENSATE FROM COMPUTER ROOM EQUIPMENT THAT MUST REMAIN IN SERVICE. PROVIDE TEMPORARY DRAIN TO OUTSIDE OR COLLECT IN DRUM UNTIL NEW WASTE IS CONNECTED.
3. REMOVE WALL HYDRANT AND CAP CW PIPE. WALL HYDRANT TO BE RELOCATED. REMOVE WALL FOR NEW WORK.
4. DEMOLISH ABOVE SLAB VALVES, PIPE, ETC. CAP AND ABANDON BELOW SLAB.
5. DEMOLISH SMOKE REMOVAL EQUIPMENT.
6. REMOVE SINK AND ALL APPURTENANCES. CAP WASTE BELOW SLAB. CAP VENT, CW, AND HW ABOVE CEILING. RELOCATE "INSTANT HOT" TO NEW KITCHEN SINK.
7. DEMOLISH ELECTRIC UNIT HEATER.
8. REMOVE SHEATING AND POSSIBLE FRAMING FOR COIL ACCESS IN NEW WORK. COORDINATE WITH GC.

APPROVED
 DATE 3-5-2002
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

EP
5345-23

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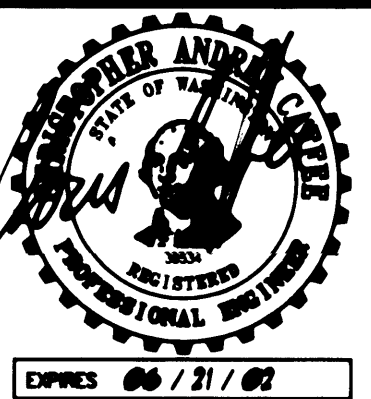
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DRAWN	JFB
CHECKED	CAC
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JOB NUMBER	201-105

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- ① REMOVE WC AND LAV. CAP CW, HW, AND HWC IN CEILING BELOW. CAP WASTE IN CEILING AND CAP VENT IN ATTIC. PROVIDE TEMPORARY CAP ON VTR ABOVE ROOF. WASTE AND VENT TO BE RECONNECTED.
- ② DEMOLISH DUCT AS SHOWN OR TO NEAREST WORKABLE DUCTBOARD JOINT.
- ③ DEMOLISH SMOKE REMOVAL EQUIPMENT.
- ④ SINK, FITTINGS, WASTE, TRAP, AND SOAP SOAP DISPENSER TO BE REMOVED WITH CABINETY TO NEW LOCATION (SEE ARCH. DWGS)

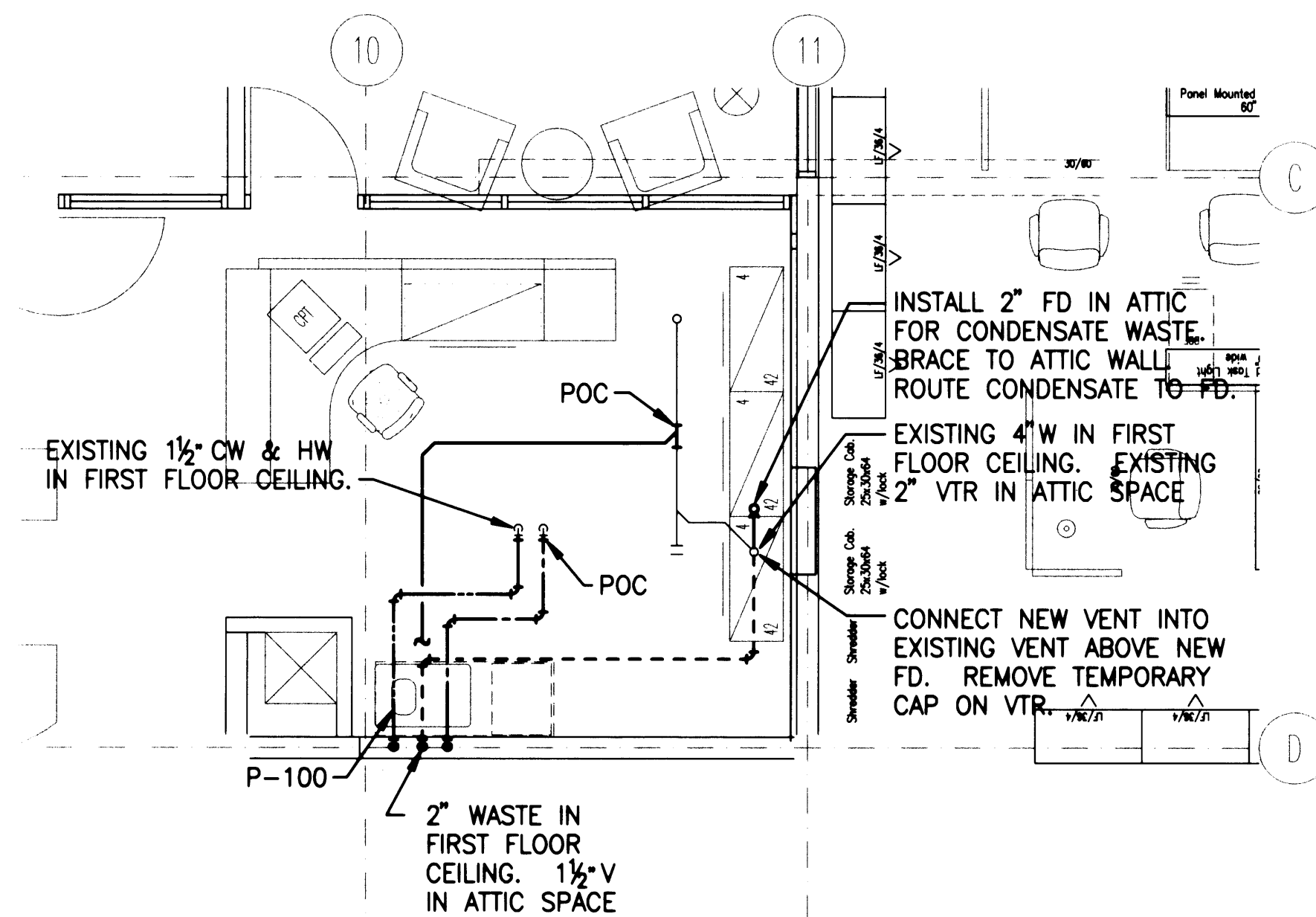
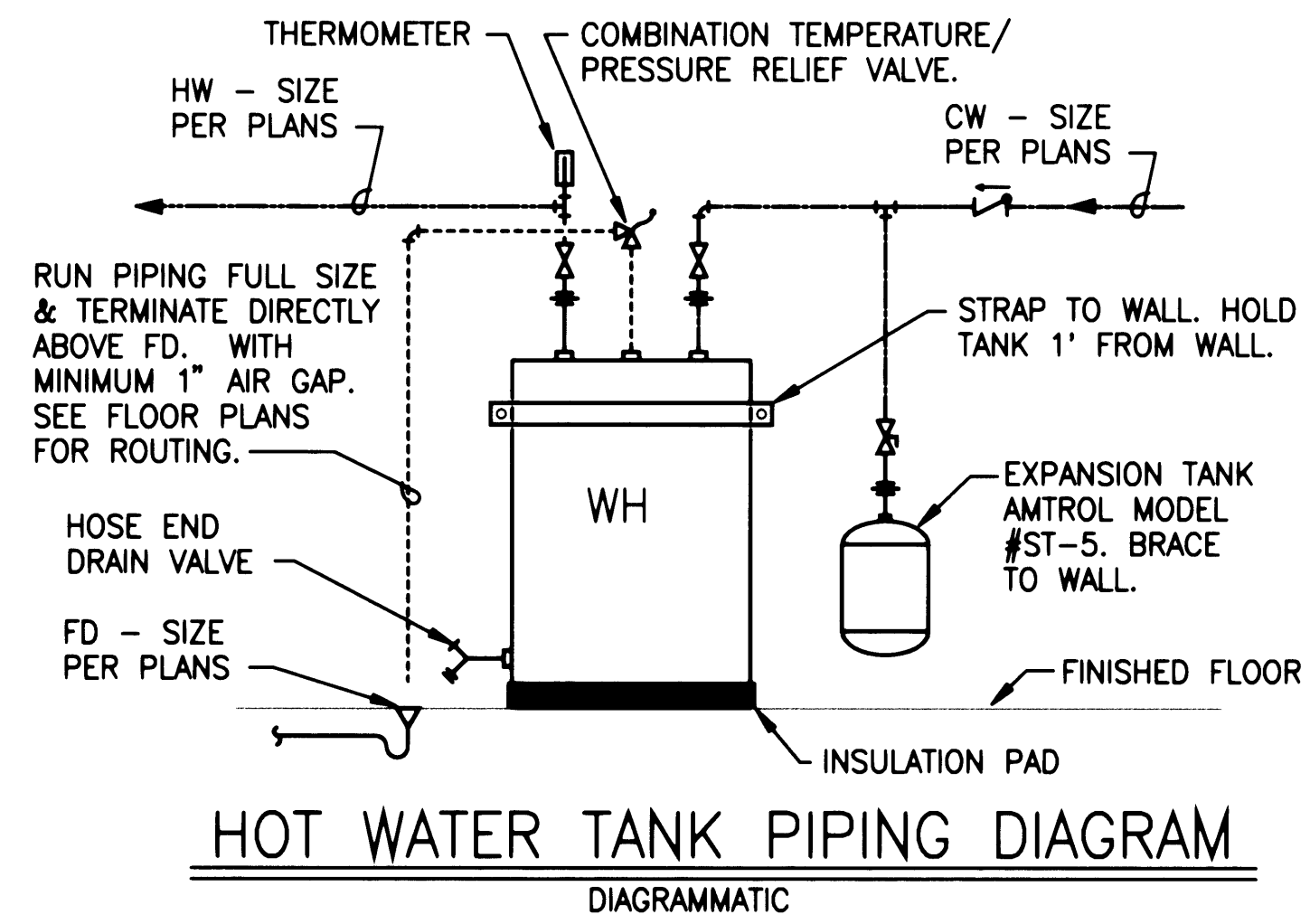
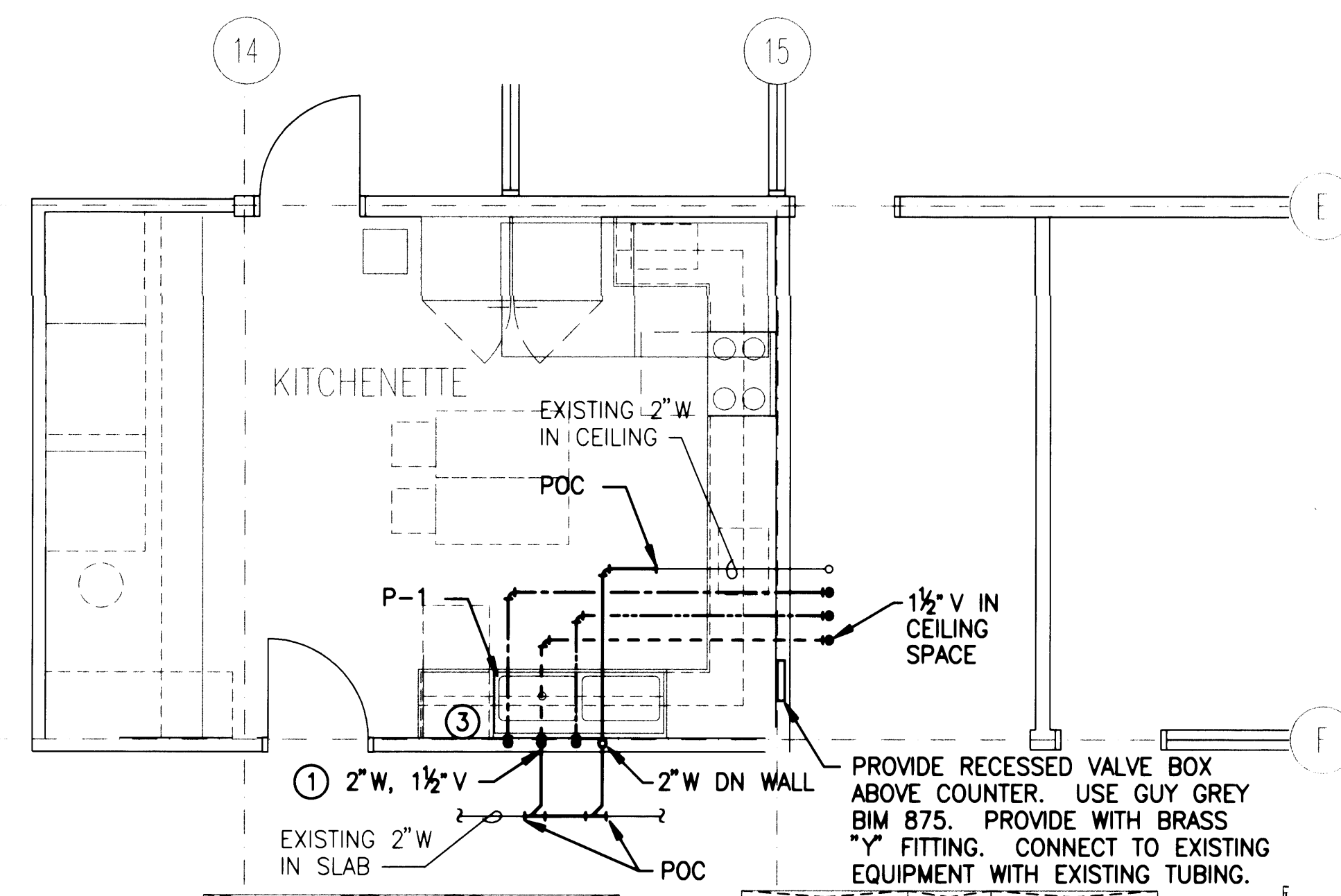
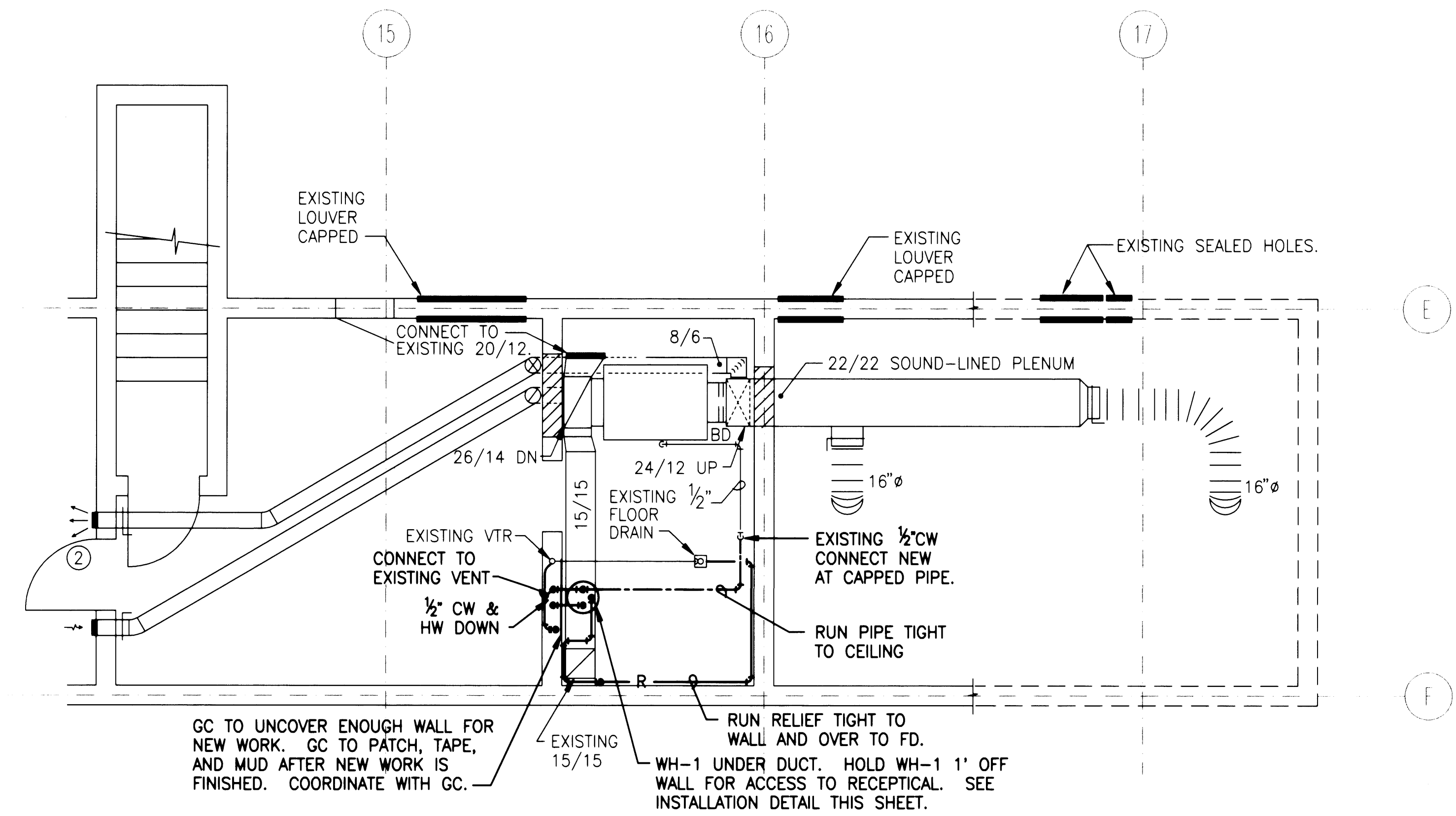
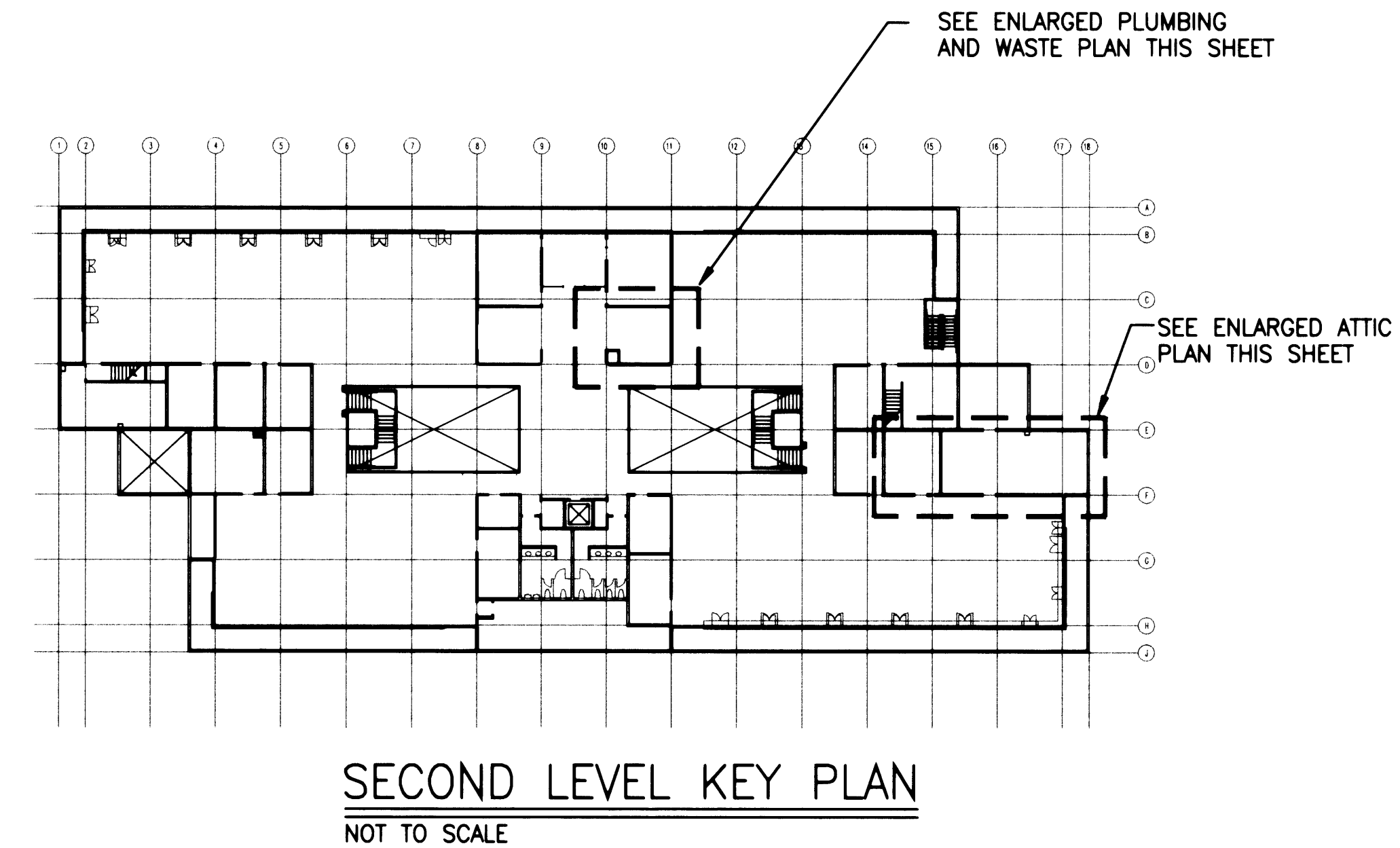
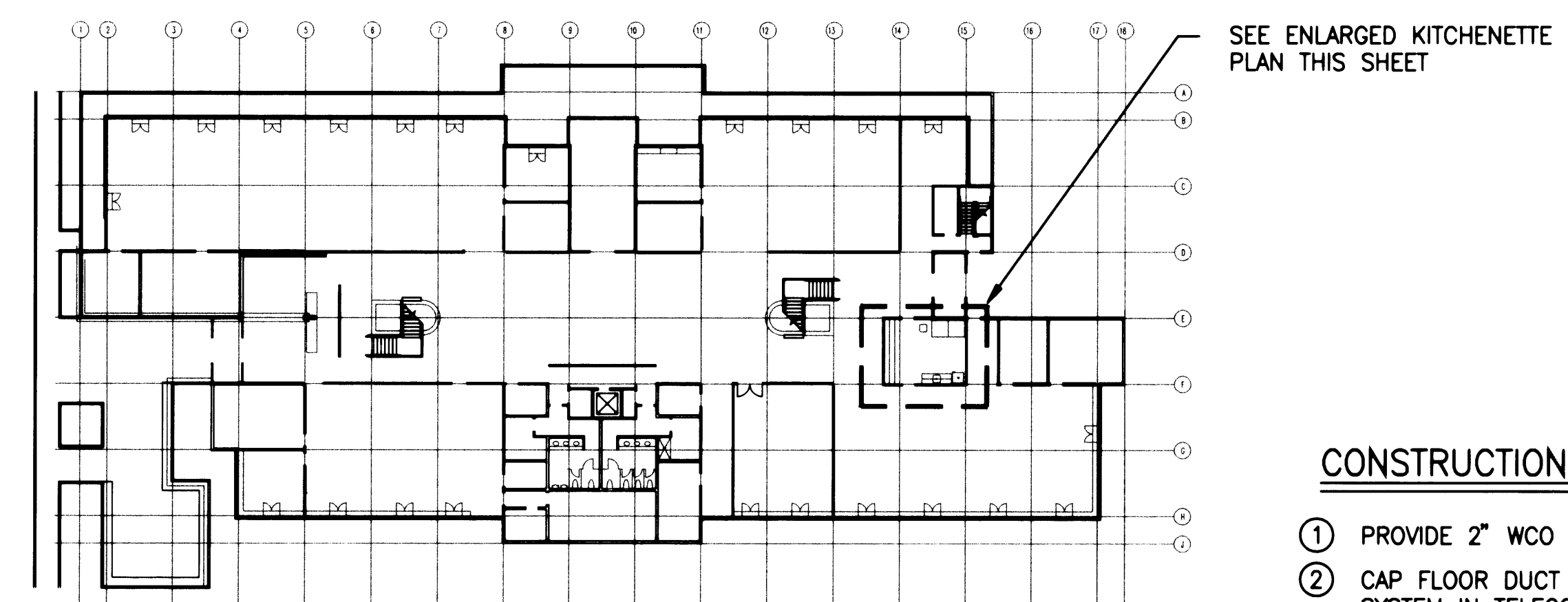
IF SHEET IS OTHER
THAN 30X42, IT HAS
BEEN REDUCED.

APPROVED

DATE 2-25-2004
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.CONTRACT
998084EP
5345-23

REVISIONS

NO. DATE BY DESCRIPTION

SECOND LEVEL ENLARGED
PLUMBING AND WASTE PLAN
SCALE: 1/4"=1'-0"FIRST LEVEL ENLARGED KITCHENETTE
PLUMBING AND WASTE PLAN
SCALE: 1/4"=1'-0"PARTIAL PLAN - ATTIC MECH. RM.
SCALE: 1/4"=1'-0"SECOND LEVEL KEY PLAN
NOT TO SCALEFIRST LEVEL KEY PLAN
NOT TO SCALE

CONSTRUCTION NOTES

- 1 PROVIDE 2" WCO UNDER CABINET.
- 2 CAP FLOOR DUCT FROM MAIN SYSTEM IN TELECOM ROOM.
- 3 CONNECT WASTE OF DISHWASHER TO P-1 PER MANUFACTURERS RECOMMENDATIONS. PROVIDE HOLE PUNCH IN SINK FOR VACUUM BREAKER IF NECESSARY. PROVIDE SEPARATE HW SUPPLY STOP.

ENLARGED
PLANS

DESIGNED CAC

DRAWN JPS

CHECKED CAC

DATE 02-25-2004

CADD FILE

JOB NUMBER 200-08

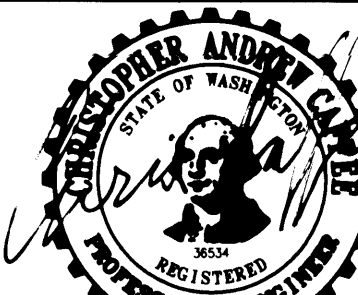
M200

IF SHEET IS OTHER
THAN 30X42, IT HAS
BEEN REDUCED.

APPROVED
Jeffrey A. Lincoln DATE 2-5-2000
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT
998084

EP
5345-23

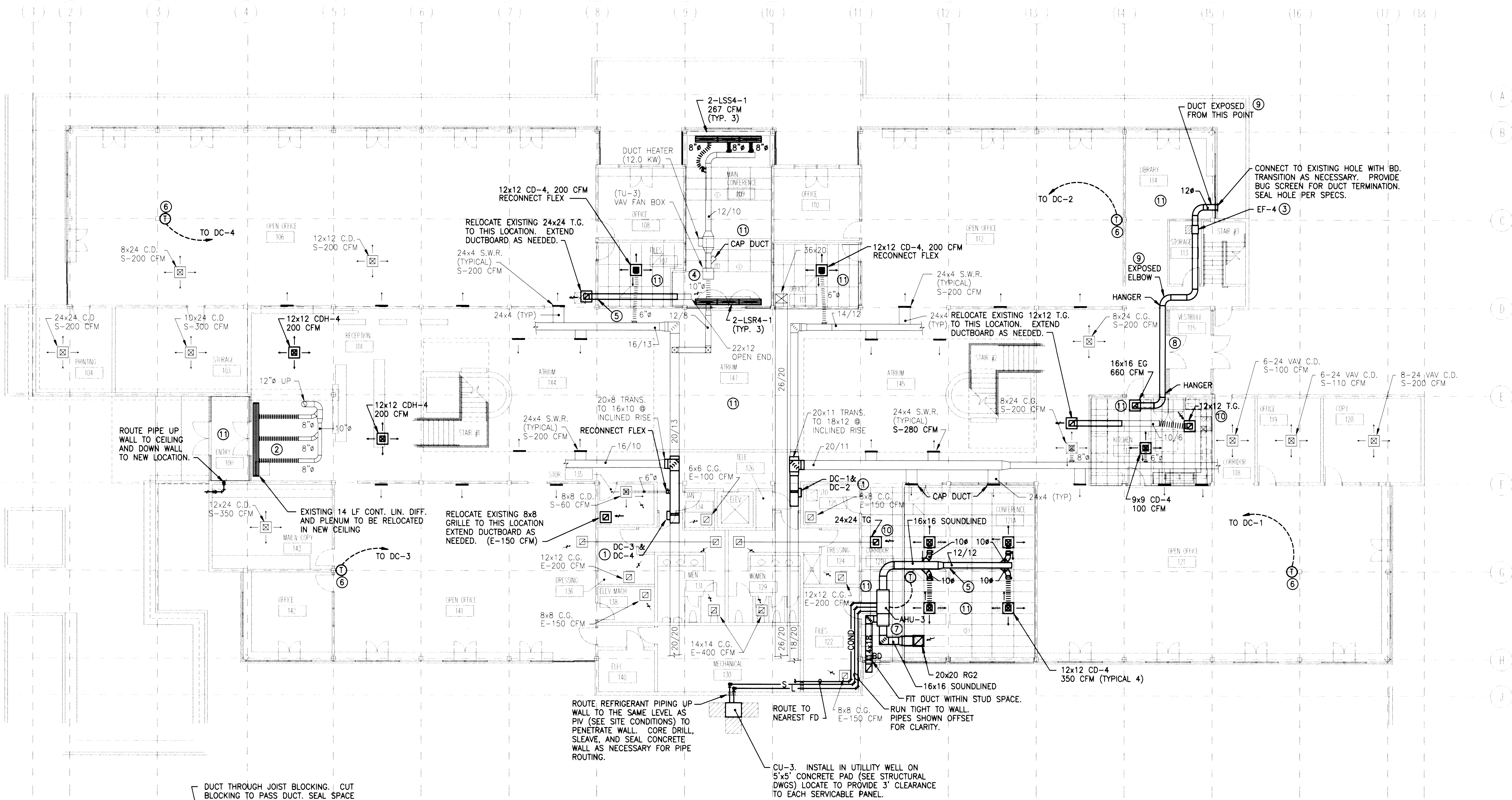


REVISION
NO. DATE BY DESCRIPTION

**FIRST LEVEL
MECHANICAL
PLAN**

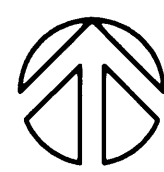
DESIGNED OAC
DRAWN JPS
CHECKED OAC
DATE FEB 05 09-4-05
CADD FILE
JOB NUMBER 220-05

M301



FIRST LEVEL MECHANICAL PLAN

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

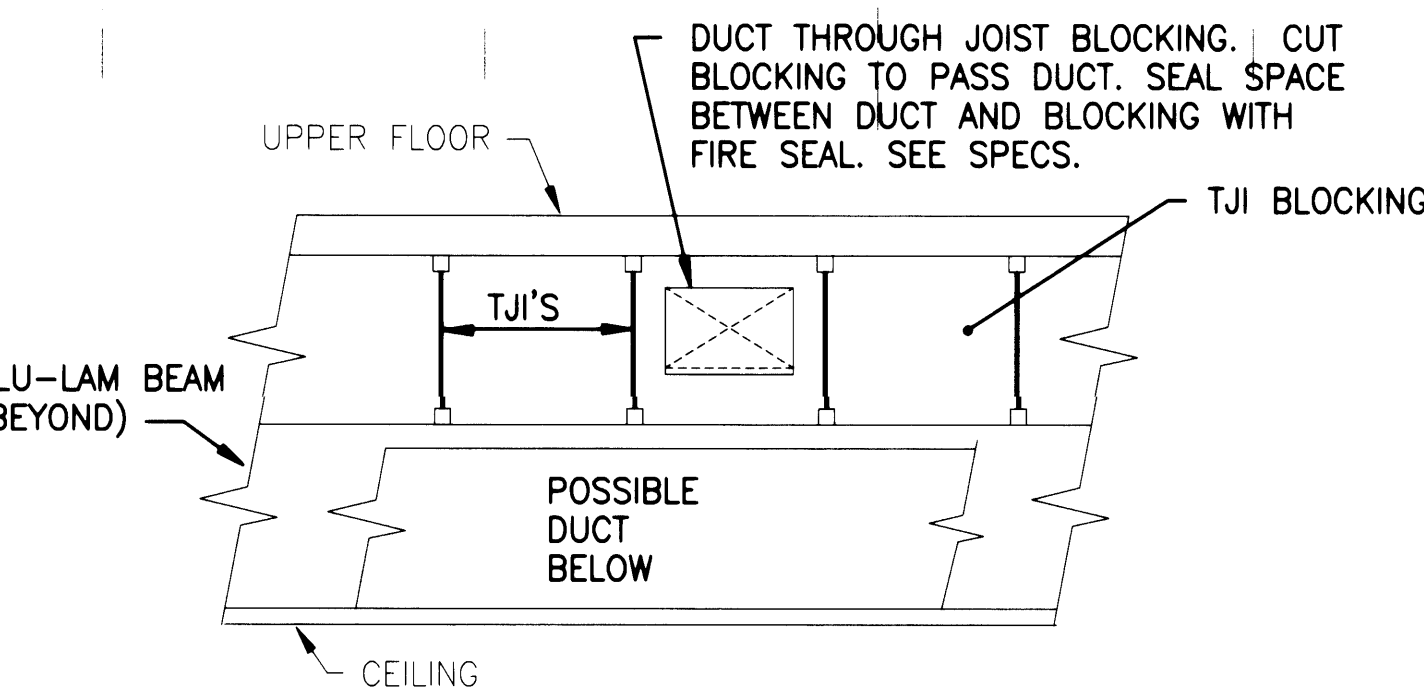


GENERAL NOTES

1. PIPING SHOWN OFFSET FOR CLARITY. PROVIDE ALL OFFSETS TO INSTALL IN EXISTING CONDITIONS.
2. EXISTING DUCT SIZES BASED ON AS-BUILTS. FIELD VERIFY EXACT SIZES PRIOR TO ORDERING OR DUCT FABRICATION.
3. FULLY REVIEW PHASING PLAN PRIOR TO ALL WORK. COORDINATE WITH GC AND OWNER WITH ALL EQUIPMENT DOWN TIME.
4. TEXT SHOWN LIGHT WAS OBTAINED FROM AS-BUILTS AND IS SHOWN FOR REFERENCE.

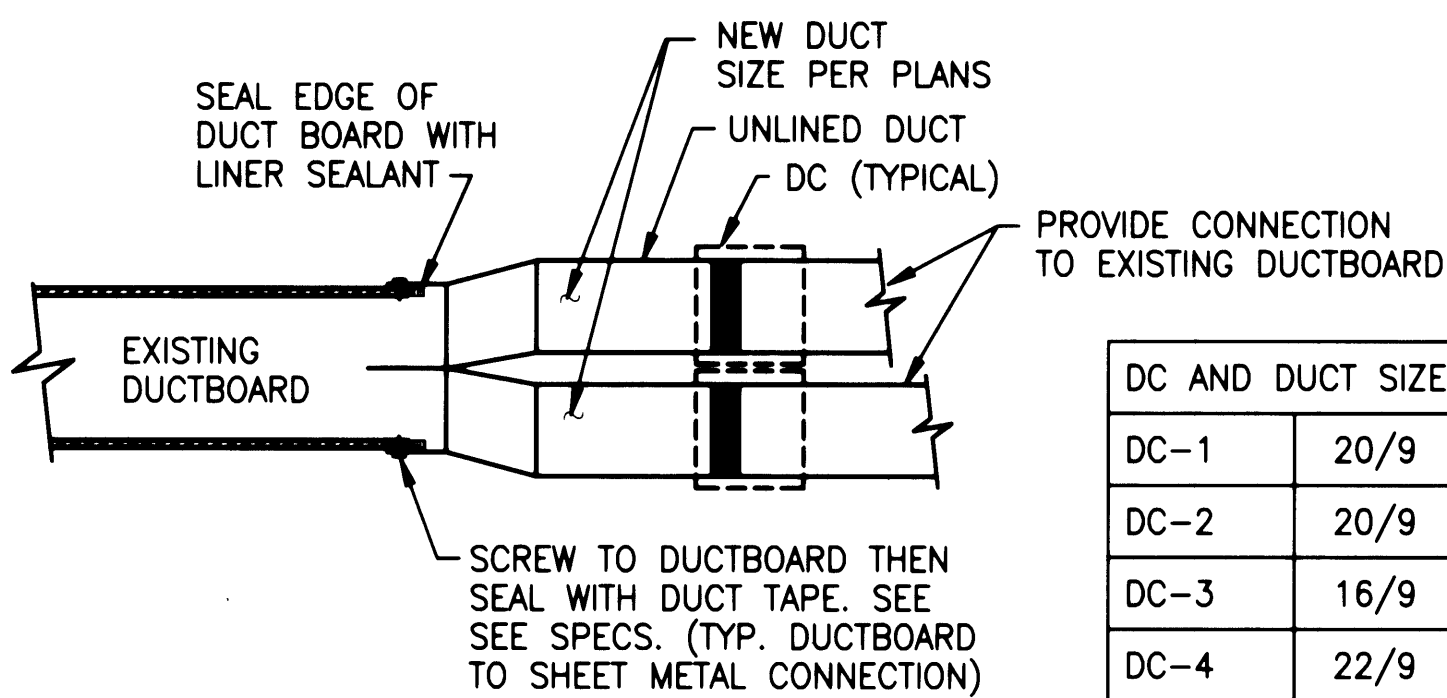
CONSTRUCTION NOTES

1. INSTALL DUCT COILS STACKED PER DETAIL THIS SHEET. ALL NEW DUCT TO BE SHEETMETAL. TRANSITION TO DUCT SIZES SHOWN ON THE PLANS. ASSURE 3' ACCESS CLEARANCE.
2. RE-INSTALL SLOT DIFFUSER IN LOCATION SHOWN. EXTEND DUCTWORK WITH FLEX DUCT.
3. SEE THIS SHEET FOR INSTALLATION DETAIL FOR INLINE EXHAUST FAN. ALL DUCT ASSOCIATED WITH EF TO BE SHEETMETAL.
4. REPLACE MOTOR AND FAN WHEEL WITH NEW. INSTALL FLEXIBLE DUCT CONNECTION AND ISOLATORS PER DETAIL THIS SHEET.
5. DUCT TO PASS OVER GLU-LAM BEAM. SEE DUCT THROUGH JOIST BLOCKING DETAIL THIS SHEET.
6. PROVIDE WIRELESS ROOM SENSOR. MOUNT TO COLUMN 54" AFF.
7. AHU-3 IN CEILING SPACE. ALL DUCTWORK TO BE SHEETMETAL. CUT HOLE IN WALL FOR OUTSIDE AIR DUCT. SLEAVE AND SEAL PER SPECS. SEE INSTALLATION DETAIL OF AHU-3, MIXING BOX, AND OUTSIDE AIR DUCT ON SHEET M302.
8. PROVIDE 20 GAUGE DUCT BETWEEN HANGERS INDICATED. ALL OTHER EXHAUST DUCT GAUGE AND HANGER SPACING PER SPEC.
9. ETCH AND PRIME EXPOSED DUCT FOR FIELD PAINT BY GC.
10. PROVIDE FLEX DUCT AS NEEDED FOR RECONNECTION.



DUCT THROUGH JOIST BLOCKING DETAIL

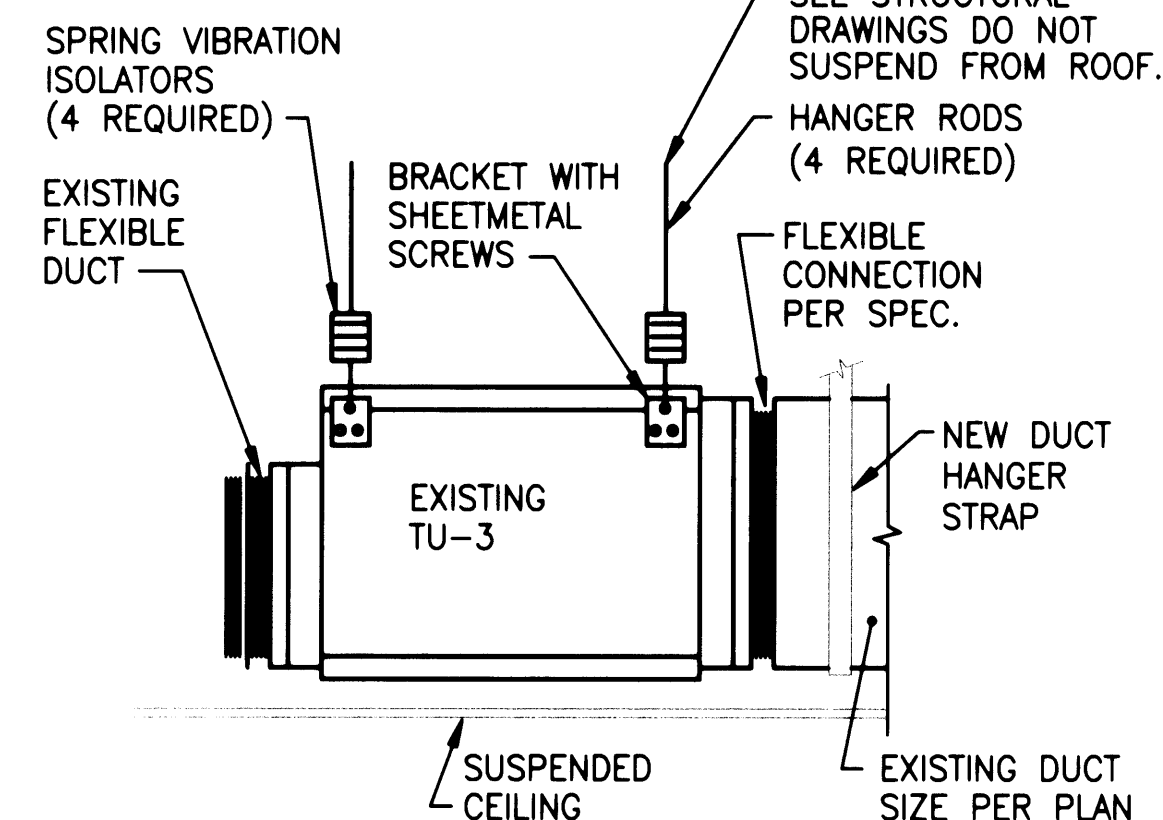
NOT TO SCALE



**STACKED ELECTRICAL DUCT HEATER
INSTALLATION DETAIL**

NOT TO SCALE

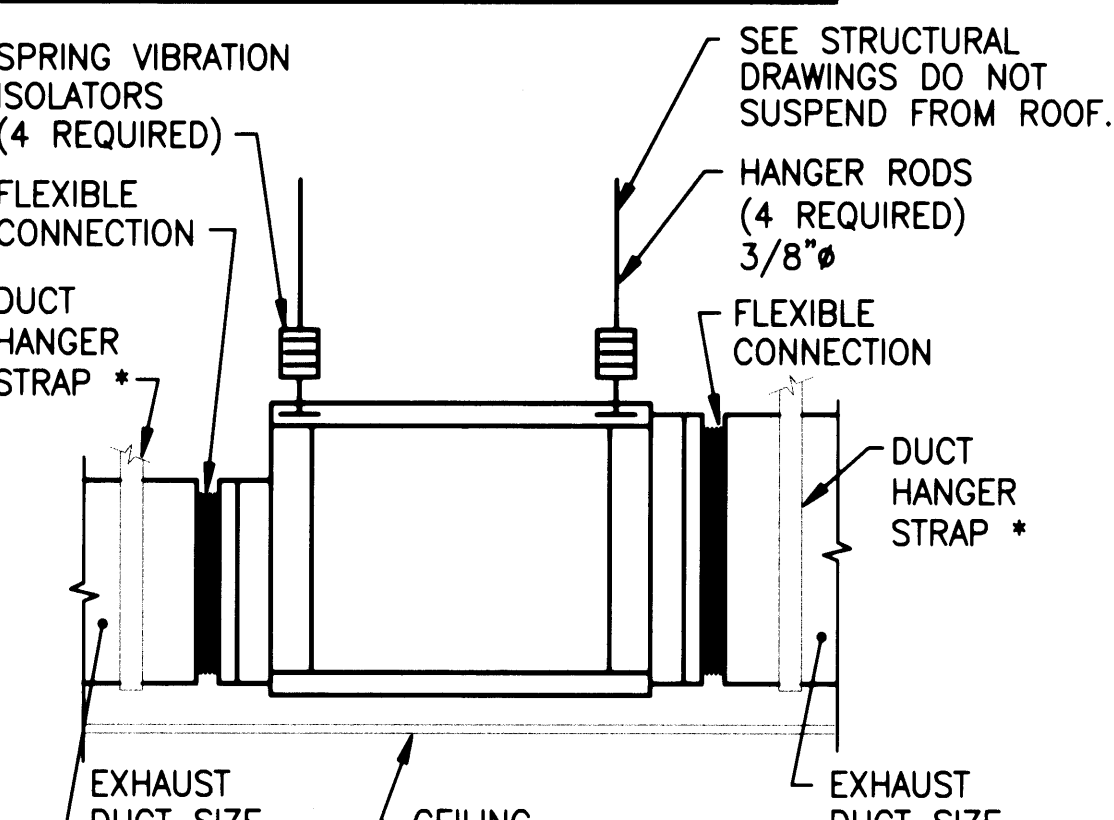
NOTES:
1. REPLACE MOTOR AND FAN WHEEL WITH NEW
2. INSTALL DUCT HANGER STRAPS ADJACENT TO FLEX CONNECTION



**TERMINAL UNIT FAN
INSTALLATION DETAIL**

NOT TO SCALE

NOTE:
MAINTAIN ACCESS CLEARANCE ON SIDE SHOWN ON DRAWING FOR SERVICE OF BLOWER
* INSTALL DUCT HANGER STRAPS ADJACENT TO FLEX CONNECTION.



**TYPICAL EXHAUST FAN
INSTALLATION DETAIL**

NOT TO SCALE

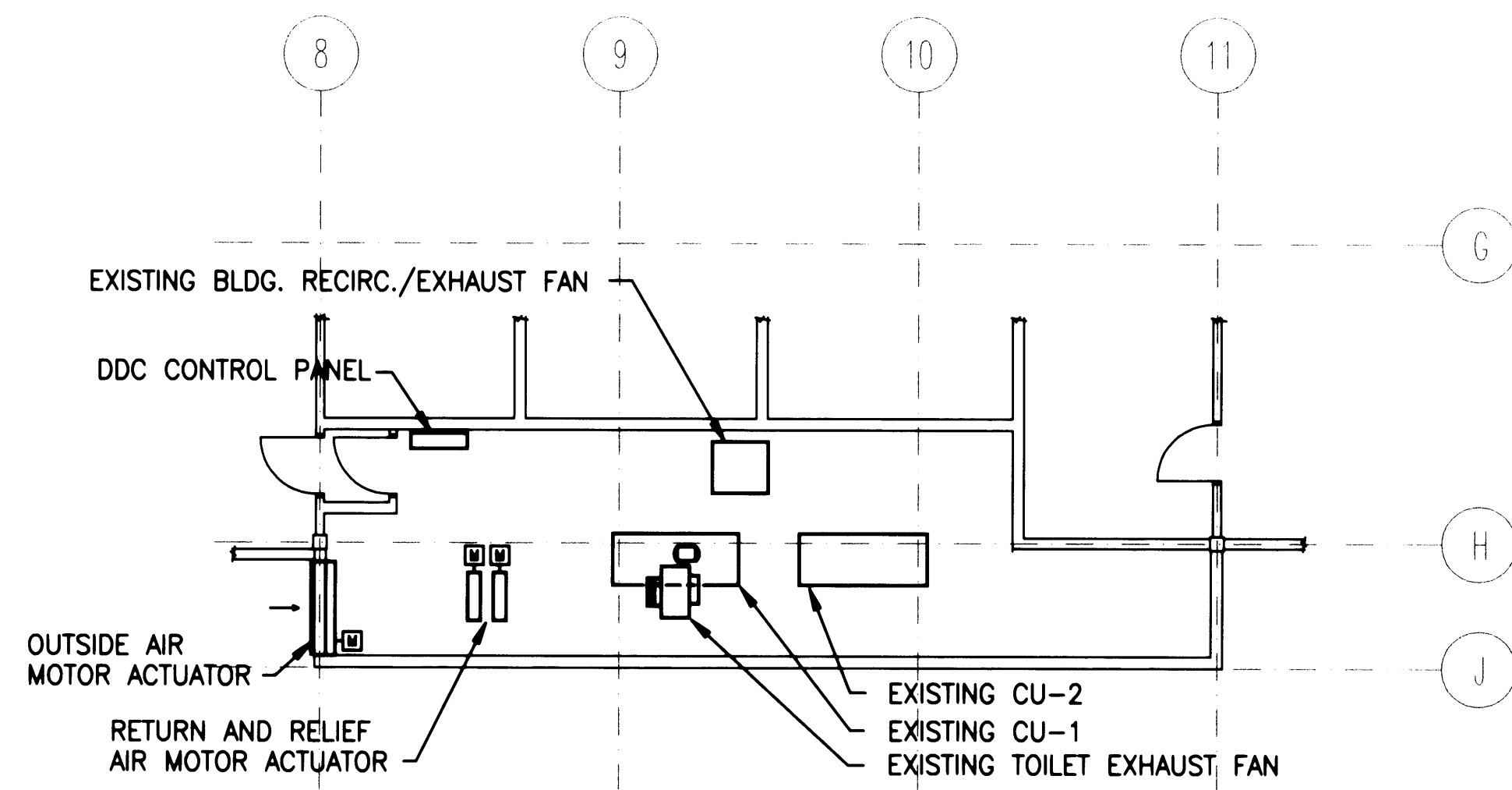
File: M33.dwg Date/Time: March 04, 2002 12:09 p.m. Scale: 1/4" = 1'-0" Julians Xrefs:

CONTROLS NOTES

1. NEW DDC CONTROLS TO CONNECT EXISTING AHU-1, AHU-2, CU-1, CU-2, BUILDING RECIRC/EXHAUST FAN, AND TOILET EXHAUST FAN. CONTROLS ARE ALSO TO CONNECT ALL NEW EQUIPMENT SHOWN ON THE PLANS.
2. PROVIDE NEW MOTOR ACTUATORS FOR OUTSIDE, RELIEF, AND RETURN AIR DAMPERS (15970). MC TO CLEAN AND MAKE DAMPERS USABLE WITH MOTOR ACTUATORS.
3. A BUILDING PRESSURE SENSOR TO BE INSTALLED (15790). CONTROLS SHALL ADJUST DAMPER POSITIONS TO MAINTAIN A POSITIVE BUILDING PRESSURE OF 0.05" WG (ADJUSTABLE) RELATIVE TO OUTSIDE.

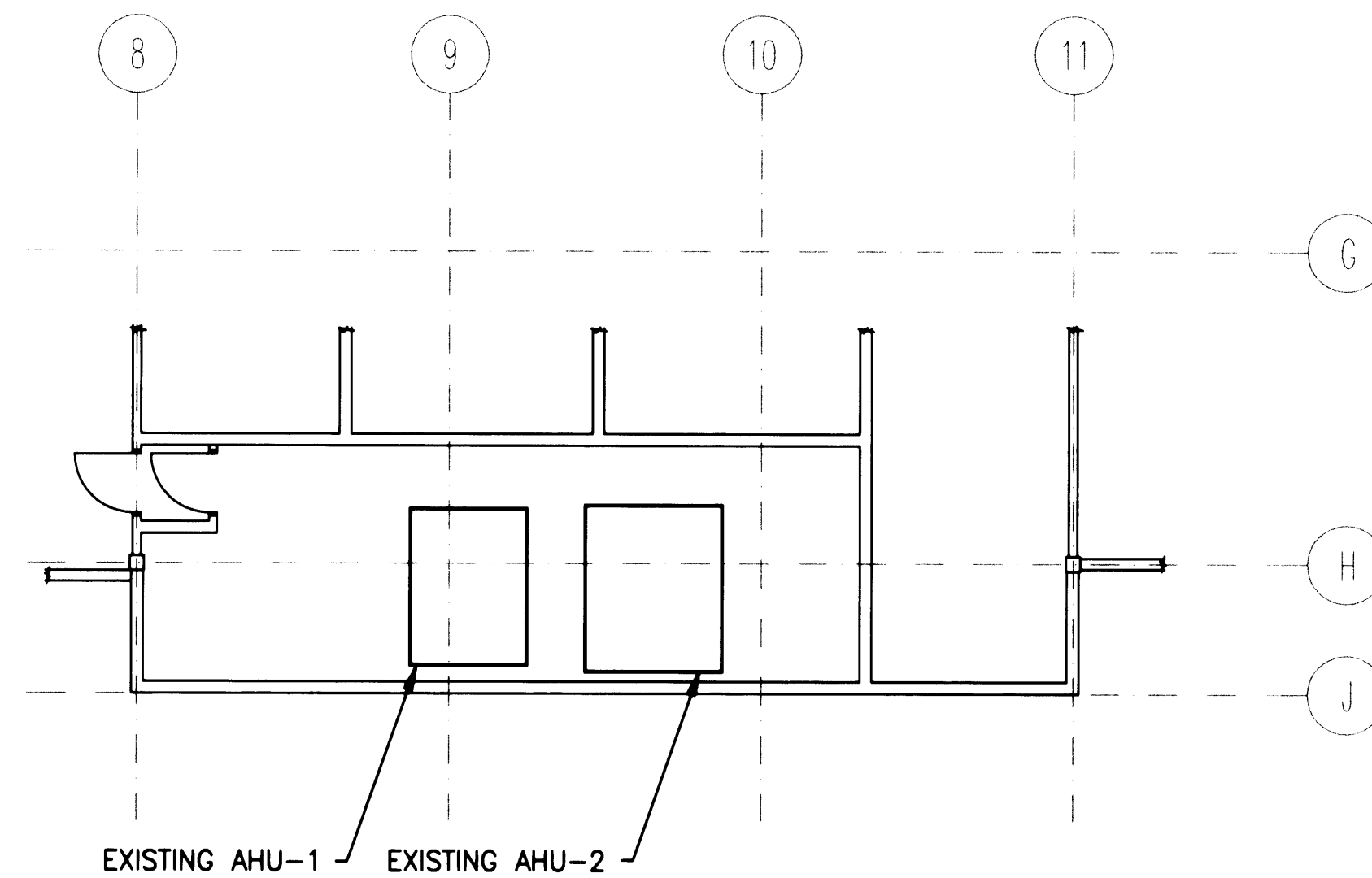
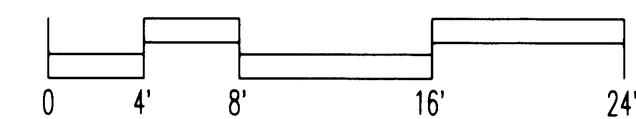
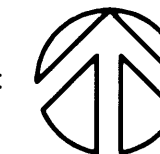
AIR BALANCE NOTES

1. BALANCE EXISTING TOILET EXHAUST FAN TO 3325 CFM
2. BALANCE BUILDING RECIRC/EXHAUST FAN TO 12600 CFM
3. BALANCE AHU-1 TO 8420 CFM.
4. BALANCE AHU-2 TO 8830 CFM
5. BALANCE SUPPLY, RETURN, AND EXHAUST GRILLES AS NOTED ON THE PLANS.
6. ROOMS SERVICED BY THE INDEPENDENT COOLING UNITS AC-1 AND AC-2 (NOT SHOWN ON PLANS) ARE NOT TO BE BALANCED. GRILLES DO NOT HAVE CFM LISTED.
7. ASSIST CONTROLS CONTRACTOR TO SET MINIMUM OUTSIDE AIR TO 3985 CFM.
8. ALERT ENGINEER IF ADDITIONAL CONNECTIONS TO AHU'S, EF'S, ETC THAT ARE NOT SHOWN ON PLANS, FOR ADJUSTMENT TO AIR BALANCE.



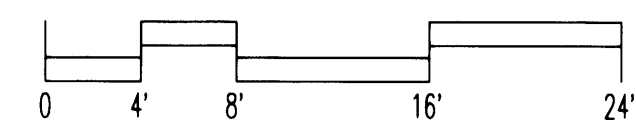
MECHANICAL ROOM 232 - SECOND FLOOR PLAN

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



MECHANICAL ROOM 130 - FIRST FLOOR PLAN

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



LMNARCHITECTS

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SEATTLE WASHINGTON 98104
206.462.3400 FAX 206.462.3400

BLE

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TACOMA, WA 98404
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2100 8TH AVE. SUITE 200
SEATTLE, WA 98101
(206) 462-8075 FAX (206) 462-8075
2001 EASTSIDE BL. S.E. SUITE C
OLYMPIA, WA 98511
(206) 705-8888 FAX (206) 705-8887

**PORT of
TACOMA
U.S.A.*****

ADMINISTRATIVE OFFICE
BUILDING RENOVATION

IF SHEET IS OTHER
THAN 30X42, IT HAS
BEEN REDUCED.

APPROVED

Jeffrey A. Lincoln DATE 2-5-2002
JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

CONTRACT
998084

EP
5345-23



REVISIONS

NO.	DATE	BY	DESCRIPTION

TITLE

MECHANICAL
ROOM PLANS
AND CONTROLS

DRAWN CAC

CHECKED JPS

DATE 02-05-02

CHD PLS

JOB NUMBER 23-02

M303

GENERAL NOTES

These General Notes are to be used as a supplement to the Specifications. Any discrepancies found among the Drawings, the Specifications, these General Notes and the site conditions shall be reported to the Owner, who shall correct such discrepancy in writing. Any work done by the General Contractor after discovery of such discrepancy shall be done at the General Contractor's risk. The General Contractor shall verify and coordinate dimensions among all drawings prior to proceeding with any work or fabrication. The structure has been designed to resist code required vertical and lateral forces after the construction of all structural elements has been completed. Stability of the structure prior to completion is the sole responsibility of the General Contractor. This responsibility includes but is not limited to job site safety, erection means, methods, and sequences; temporary shoring, formwork, and bracing; use of equipment and construction procedures.

Construction observation by the Structural Engineer is for general conformance with design aspects only and is not intended in any way to review the Contractor's construction procedures.

Standards

All methods, materials and workmanship shall conform to the 1997 Uniform Building Code (UBC) as amended and adopted by the local Building Official or applicable jurisdiction.

CONTRACT DRAWINGS / DIMENSIONS

Architectural Drawings are the prime Contract Drawings. Consultant Drawings by other disciplines are supplementary to Architectural Drawings. Report dimensional omissions or discrepancies between Owner Drawings and Structural, Mechanical, Electrical or Civil Drawings to Architect prior to proceeding with work.

Structural Drawings shall be used in conjunction with Architectural Drawings. Primary Structural elements are dimensioned on Structural Plans and Details and overall layout of Structural portion of work. Some secondary elements are not dimensioned such as, wall configurations, including exact door and window locations, alcoves, slab slopes and depressions, curbs, etc. Vertical dimensional control is defined by Architectural wall sections and building sections. Structural Details show dimensional relationships to control dimensions defined by Architectural Drawings. Detailing and Shop Drawing production for Structural elements will require dimensional information contained in both Architectural and Structural Drawings.

DESIGN CRITERIA

Vertical Loads

AREA	DESIGN DEAD LOAD	LIVE LOAD	PARTITION LOAD	CONCENTRATED LOADS
ROOF		25 PSF		---
OFFICE		50 PSF		2,000#
COORIDORS		100 PSF	+20 PSF	
STAIRS		100 PSF		

Lateral Forces

The structural scope of this project is to maintain the lateral resisting capacity of the existing building. Where existing plywood shear walls have been removed, additional shear walls have been added of equal or greater strength and stiffness.

FOUNDATION DESIGN CRITERIA (Refer to geotechnical report by Geotech. Match backfill description below with information in geotech report).

Soil Bearing Pressure: 2000 PSF (Assumed)*
Active Pressure - Restrained: 50 PCF (Assumed)
Active Pressure - Unrestrained: 35 PCF (Assumed)
Passive Resistance: 200 PCF (Assumed)
Coefficient of Friction: .35 (Assumed)
*1/3 Increase allowed for seismic or wind loading

All footings shall bear on firm, undisturbed earth or "Structural Backfill". Native earth bearing shall be surface compacted. Areas over-excavated shall be backfilled with lean concrete (f'c=2000 PSI) or "Structural Backfill". Areas designated "Structural Backfill" shall be filled with approved well-graded bankrun material. Maximum size of rock 4". Frozen soil, organic material and deleterious matter not allowed. Compact to at least 95% of its maximum density as determined by ASTM D-1557. Contractor shall exercise extreme care during excavation to avoid damage to buried lines, tanks, and other concealed items. Upon discovery, do not proceed with work until receiving written instructions from Architect. A competent representative of the Owner shall inspect all footing excavations for suitability of bearing surfaces prior to placement of reinforcing steel. Provide drainage and dewatering around all work to avoid water-softened footings.

CONCRETE

Concrete: Shall be made with Portland Cement ASTM C-150 Type II or Type I, coarse and fine aggregate ASTM C-33, water clean and potable, and shall be ready-mixed per ASTM C-94 unless otherwise approved. Add to all concrete exposed to weather an air entraining agent to attain $5\% \pm 1-1/2\%$ entrained air, by volume, conforming to ASTM C-260. No aluminum (conduit, miscellaneous items, etc.) shall be embedded in any concrete.

Item	Design (f'c) (psi) (1)	Max. w/c Ratio (3) (non-air entrained)	Max. Slump (Inches)		Min. Cement (Sacks/Yard)	
			Basic Mix	w/Water Reducer	Basic Mix	w/Water Reducer & 100# Fly Ash
Footings	3,000	0.58	5	8	5-1/2	5
All Other Concrete	4,000	0.44(2)	4	8	6	5-1/2

- 28 day strength shall conform to UBC 1905. Mix performance history shall be based on this project.
- Maximum w/c ratio for air entrained concrete shall be 0.38.
- Water cement ratio calculation shall include a maximum of 50# of fly ash if provided in the mix. Maximum fly ash shall be 100#/yd or 20% of cement content, whichever is less.

At Contractor's option, Contractor may use water reducing agents by Master Builders Inc. or W.R. Grace or pre-approved equal. Manufacturer's concrete technician shall assist in determining proportions for admixture systems concrete and shall obtain approval of Architect prior to employing this procedure.

Variations to the above mix proportions may be accepted if substantiated in accordance with ACI 318-95, Chapter 5. Provide submittals a minimum of (14) days prior to bid for determination of acceptability.

Place concrete: Per ACI 304 and conform to ACI 305 for Hot Weather Concrete. See Section below for Cold Weather placement requirements. Use interior mechanical vibrators with 7000 RPM minimum frequency. Do not over-vibrate. Concrete shall be poured monolithically between construction or expansion joints. Protect all freshly placed concrete from premature drying, excessive hot or cold temperature for seven days after pouring.

Cold Weather Placement:

- Cold weather is defined by ACI 306 as "A period when for more than 3 successive days the mean daily temperature drops below 40° F."
- No concrete shall be placed on frozen or partially frozen ground. Thawing the ground with heaters is permissible.
- Concrete mix temperatures shall be as shown below. Heating of water and/or aggregates may be required to attain these temperatures.
- The concrete may require protection for 4-7 days after pouring. If temperatures remain below freezing, insulating blanket coverage is required. If temperatures are slightly below freezing (30° F min.) at night and above freezing during the day, kraft paper with complete coverage may be used in lieu of insulated blankets.
- No additives containing chlorides shall be used. Use "Pozzutec 20" by Master Builders or "PolarSet" by W.R. Grace or pre-approved equal.

Condition of placement and curing		Walls & Slabs	Footings
Min. temp. fresh concrete as mixed for weather indicated, degrees F.	Above 30° F. 0 to 30° F. Below 0° F.	60 65 70	55 60 65
Min. temp. fresh concrete as placed and maintained, degrees F.		55	50
Max. allowable gradual drop in temp. throughout first 24 hours after end of protection, degrees F.		50	40

CONTROL AND CONSTRUCTION JOINTS: Submit plans and/or elevations showing control & construction joint locations to Architect prior to forming.

- Topping or Infill Slabs: Provide joints at 12' o.c. maximum.

Non-Shrink Grout: Master Builders "Masterflow 555" or pre-approved equal. Grout shall conform to CRD-C621 and ASTM C1107 Grade B when tested at a fluid consistency per CRD-C611-85 for 30 minutes. Grout may be placed from a 25 second flow to a stiff packing consistency. Fill or pack entire space under plates or shapes. No grouting shall be done below 40° F.

Dowel Bar Epoxy Grout: Master Builders "Paste LPL", or Hilti "HY-150", or Simpson "S.E.T.", or Covert Operations "CIA-GEL 7000", or pre-approved equal. Two part low sag epoxy. Grout may contain quartz sand aggregate as proportioned by the manufacturer. Use equipment which will accurately mix and dispense the components. Hole shall be dry and cleaned with wire brush and pressurized air just prior to installing grout. The rebar or rod shall be clean and installed slowly, and shall be rotated as it is pushed into the hole. Cold weather grouting shall be done with proper grout formula. First stages of the grouting operation shall be inspected by an agent as recommended by the Owner.

Attachment of New Concrete to Existing: Where shown, roughen concrete to a minimum amplitude of 1/4" using impact hammer. Remove all loose or damaged concrete, thoroughly flush all surfaces with potable water, air blast with all free compressed air to remove all water. Prepare concrete and apply bonding agent to all existing surfaces to receive new concrete per manufacturer recommendations.

Bonding Agent: "Weld Crest" by Larsen Products Corp. or pre-approved equal. Prepare surfaces and apply per manufacturer.

REINFORCING

Metal Reinforcement (Concrete): Reinforcing shall conform to ASTM A-615, Grade 60 (Grade A706 for welded bars unless otherwise noted, Grade 40 for bend out bars), Detail, fabricate and place per ACI 315 and ACI 318. Welded Wire Fabric shall conform to ASTM A-82 and A-185. Lap one full mesh on sides and ends. Place at mid-depth of slab, or as shown.

Concrete Cover:

Provide Concrete Cover over reinforcement as follows:

Concrete poured directly on earth 3"

Concrete poured against forms and exposed to weather or earth #6 & Larger Bars 2"
#5 & Smaller Bars 1-1/2"

Surface not exposed directly to weather or earth Walls 3/4"
Columns 1-1/2"

STRUCTURAL STEEL

Detailing, Fabrication and Erection: Conform to the AISC "Manual of Steel Construction", 9th Edition & Code of Standard Practice, March 2000.

Wide Flange Sections: ASTM A-572 (fy = 50 ksi)

Other shapes and plates: ASTM A-36 (fy = 36 ksi)

Machine Bolts (M.B.): ASTM A-307.

Anchor Bolts (A.B.): ASTM A-307, Grade C.

Epoxy Grouted Anchors: "All-Thread" - ASTM A-36 (fy = 36 ksi)

Expansion Anchors: "KwikBolt" by HILTI, Inc., or "Power-Bolt" by Powers/Rawl Fastening, Inc., or pre-approved equal. Embed bolt into concrete or masonry 7 diameters minimum, except as shown.

Powder Actuated Fasteners: "X-ZF" Pins by HILTI, Inc. or "8 MM Drive Pins" by Powers/Rawl, or pre-approved equal.

Finish: Shop point after fabrication with an approved primer (see Specifications). Galvanize per ASTM A-123 and A-384 after fabrication all miscellaneous steel specifically called to be galvanized in plans, specifications or details.

WELDING

Structural Steel: Weld in accordance with "Structural Welding Code" AWS D-1.1.

Reinforcing Steel: Weld in accordance with "Reinforcing Steel Welding Code" AWS D-1.4. Weld only with specific approval of the Structural Engineer. In no case will a weld be made within 6 bar diameters of a "cold bend".

Certification: All welding shall be by WABO/AWS certified welders. Welders shall be prequalified for each position and weld type.

Electrodes: Use E70 electrodes.

Welded Connections Inspection:

- All welding shall be checked by visual means and by other methods deemed necessary by the welding inspector.

The Standards of Acceptance for welds tested by ultrasonic methods shall conform to AWS D.11.

All welds found to be defective and repaired shall be reinspected by the same methods originally used, and this reinspection shall be paid for by the contractor.

BOLTED CONNECTIONS INSPECTION

Visually verify that every bolted connection has been completed in a snug, workmanlike manner with the required number and type of fasteners.

CARPENTRY

Nails: Connection designs are based on "Common Wire" nails with the following properties:

Pennyweight	Diameter (Inches)	Length (Inches)
8d	0.131	2-1/2
10d	0.148	3
16d	0.162	3-1/2
20d	0.192	4

For diaphragm or shear wall nailing the following fastener types may be used: ● equivalent spacing noted

Fastener Type	Diameter (Inches)	Length (Inches)	Equivalent Spacing		
8d Common Wire	0.131	2-1/2	6"	4"	3"
8d "Hot Dipped Galv. Box"	0.131	2-1/2	6"	4"	3"
8d "Shiny Box"	0.113	2-1/2	4-1/2"	3"	2-1/4"
12 GA. Staples	0.1055	1-7/8"	6"	5-1/2"	4"
14 GA. Staples	0.080	1-1/2"	6"	4"	3"
15 GA Staples	0.072	1-1/2"	5"	3"	2-1/2"

*Based on 1/2" Plywood or OSB.

Fastener Type	Diameter (Inches)	Length (Inches)	Equivalent Spacing		
10d Common Wire	0.148	3	6"	4"	3"
10d "Hot Dipped Galv. Box"	0.148	3	6"	4"	3"
10d "Shiny Box"	0.128	3	4-1/2"	3"	2-1/4"

Wood Sheathing (Structural): Sheathing on roof surfaces shall be 5 ply plywood only. Sheathing on floors or walls shall be plywood or Oriented Strand Board. Plywood shall be Group 1 or Group 2 species, C-D grade Exposure 1 conforming to PS 1-95. Each piece shall bear the grade trademark of the American Plywood Association. Oriented Strand Board (OSB) shall be "Sturdy-Wood" by Weyerhaeuser. Each panel shall be classified as Exposure 1 and shall bear the grade trademark of the American Plywood Association (APA). Wall sheathing shall have a span rating of 32/16. All shear walls shall be blocked at all panel edges unless otherwise noted.

Framing Lumber

Standards: Conform to West Coast Lumber Inspection Bureau (WCLIB), or Western Wood Products Association (WWPA). Each piece shall bear the WCLIB or WWPA grade trademark.

Species and Grade (Bose Design Value)

- 6x Beams and Headers: "Doug Fir-Larch" No. 1 (fb=1350 PSI, fv=85 PSI).
- 2x & 4x Joists, Purlins and Headers: "Doug Fir-Larch" No. 2 (fb=875, fv=95 PSI) or 3. 6x Posts and Columns: "Doug Fir-Larch" No. 1 (fc=1000 PSI).
- 2x, 3x, & 4x Exterior Studs and Interior Bearing Shear Wall Studs: "Doug Fir-Larch" No. 2 (fb= 875 PSI, fv=1300 PSI).
- BU, BUILT UP
- The Minimum Grade of All Other Structural Framing: "Doug Fir-Larch" No. 2 (fb= 875 PSI, fv=1300 PSI)
- Utility & Standard Grades Not Permitted.

General Requirements: Provide minimum nailing per 1997 UBC Table 23-II-B-1 or more, as otherwise shown. Pressure treat all wood in contact with concrete or masonry. Holes and cuts in 3x or 4x plates should be treated with Cuprinol #10. Provide cut washers where bolt heads, nuts and lag screw heads bear on wood. Do not notch or drill structural members, except as allowed by UBC Sections 2320.8.3, 2320.11.9 and 2320.12.4 or as approved prior to installation. Provide lead holes.

Framing Connectors: Shall have ICBO approval and be manufactured by Simpson Strong-Tie Company, San Leandro, CA, or pre-approved equal. Provide maximum size and quantity of nails or bolts per manufacturer, except as noted otherwise.

PRE-APPROVED SUBSTITUTIONS

Substitutions may be allowed only if they meet the requirements of these General Notes and the Specifications, and if complete written engineering data for each condition required for this project is provided to the Structural Engineer ten days prior to bid date and approved in written addenda by the Owner. Data is to indicate code basis by year, authority for stresses and stress increases, if any, and amount of expected deflection for flexural members under (1) total load and (2) live load only. All increased costs in mechanical, sprinkler, electrical or general installation and any architectural or structural redesign resulting from substitution shall be borne by the General Contractor.

SHOP DRAWINGS

The following Shop Drawings/Submittals shall be provided for review and approval by the Structural Engineer prior to fabrication or delivery.

	STRUCTURAL ENGR.	BLDG. DEPT.
1. Concrete Mix Designs	X	X
2. Reinforcing Steel Shop Drawings	X	
3. Miscellaneous Steel	X	X

Special Inspection: Special inspection shall be provided by an independent testing laboratory per the requirements of UBC Chapter 17 and the local Building Official or applicable jurisdiction and the Specifications. The Special Inspector shall submit inspection reports and a final signed report to the Building Official for the following items:

- Soil Bearing
- Concrete Reinforcement Placement
- Concrete Construction
- Epoxy Connections, Anchors & Dowels (continuous inspection during installation & testing)
- Bolts installed in concrete (expansion bolts - Hilti "Kwik Bolts") (periodic visual inspection)
- Plywood Shear Wall Nailing (periodic visual inspection)
- Plywood Diaphragm Nailing (periodic visual inspection)

*Special inspection shall be provided during the taking of concrete test specimens and during the placement of reinforced concrete.

ABBREVIATION LIST			
ADD'L	ADDITIONAL	HDR	HEADER
A.B.	ANCHOR BOLT	HT	HEIGHT
L	ANGLE	HORIZ.	HORIZONTAL
ARCH.	ARCHITECTURAL	INT.	INTERIOR
●	AT	JT	JOINT
BM	BEAM	JST	JOIST
BRG	BEARING	LGR	LEDGER
BTWN	BETWEEN	L.L.	LIVE LOAD
BLK'G	BLOCKING	LSL	TIMBERSTRAND
BOT.	BOTTOM	LVL	MICROLAM
B.O.F.	BOTTOM OF FOOTING	MAX.	MAXIMUM
BLD'G	BUILDING	M.B.	MACHINE BOLT
BU.	BUILT UP	MFR	MANUFACTURER
C=	CAMBER	MECH.	MECHANICAL
C.I.P.	CAST IN PLACE	MEZZ.	MEZZANINE
☐	CENTERLINE	MIN.	MINIMUM
CLR	CLEAR	MISC.	MISCELLANEOUS
COL.	COLUMN	NOM.	NOMINAL
CONC.	CONCRETE	N.S.	NEAR SIDE
CMU	CONCRETE MASONRY UNIT	O.C.	ON CENTER
CONN.	CONNECTION	OPN'G	OPENING
CONST.	CONSTRUCTION	OPP.	OPPOSITE
CONT.	CONTINUOUS	OSB	ORIENTED STRAND BOARD
CONTR.	CONTRACTOR	PL	PLATE
CU.	CUBIC	PAF	PONDER ACTUATED FASTENER
D.L.	DEAD LOAD	PSL	PARALLAM
DIA. OR Ø	DIAMETER	PLY.	PLYWOOD
DO	DITTO	REINF.	REINFORCING
DBL.	DOUBLE	REQ'D	REQUIRED
D.F.	DOUGLAS FIR	SHT'G	SHEATHING
DWS	DRAWING	SHT	SHEET
DWL.	DOVEL	SIM.	SIMILAR
EA.	EACH	SG.	SQUARE
ELEV.	ELEVATION	STD	STANDARD
EQ.	EQUAL	STL	STEEL
EXIST.	EXISTING	STIFF.	STIFFENER
EXT.	EXTERIOR	T&G	TONGUE AND GROOVE
EXP.	EXPANSION	T.O.F.	TOP OF FOOTING
FTG	FOOTINGS	T.O.S.	TOP OF STEEL
FDN	FOUNDATION	TRTD	TREATED
F.S.	FAR SIDE	T.S.	TUBE STEEL
FRMG	FRAMING	TYP.	TYPICAL
GALV.	GALVANIZED	UNO.	UNLESS NOTED OTHERWISE
GA.	GAGE	VERT.	VERTICAL
GL.	GLULAM	WT	WEIGHT
GR.	GRADE	WULF.	WELDED WIRE FABRIC
GWB	GYPSUM WALL BOARD	W	WITH
HGR	HANGER	YD	YARD

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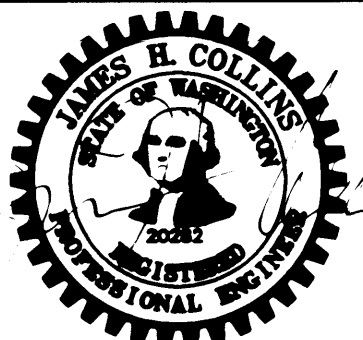
Approved

Date: 5/2/2001
Jeffrey A. Lincoln
Senior Director of Facilities Development

IF SHEET IS OTHER
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HAS BEEN REDUCED

CONTRACT #
998084

EP #
5345-23

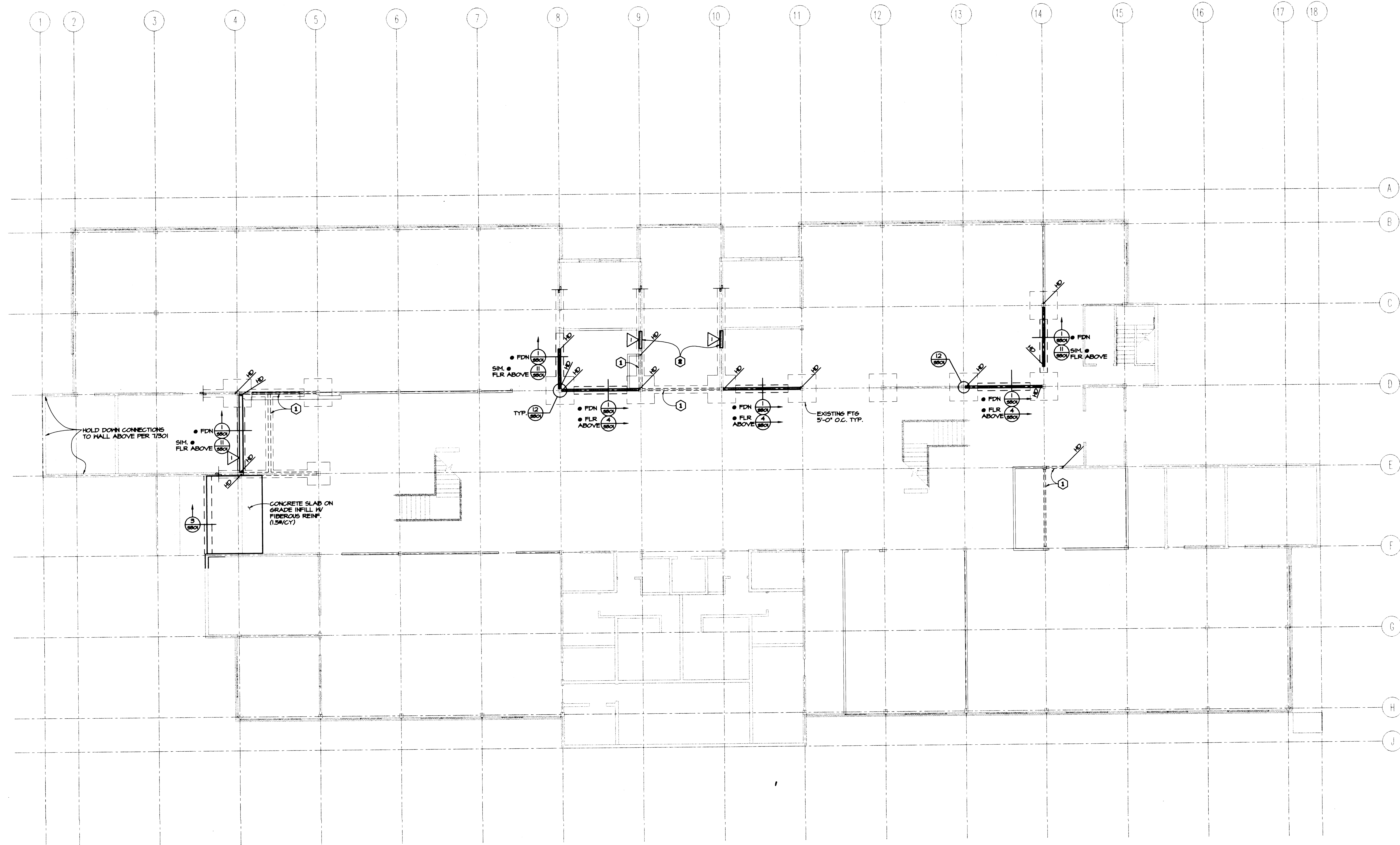


REVISIONS			
NO.	DATE	BY	DESCRIPTION

GENERAL NOTES

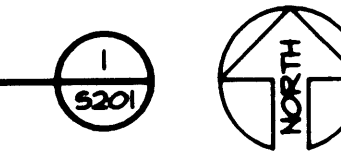
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S001



FOUNDATION PLAN

1/8"=1'-0"



FOUNDATION NOTES

- Indicates existing concrete spread footing.
- Indicates where existing plywood shear wall has been removed.
- Indicates concrete spread footing. See 1/S301 for typical detail.
- Indicates wood stud wall, 3x4 @ 16" o.c. Unless noted otherwise.
- "HD-" Indicates shear wall hold down. See 2/S301.
- Indicates plywood shear wall type 1, 3x4 @ 16" o.c. with 1/2" plywood nailed with 10d @ 2'-1/2" o.c. at panel edges backed with 3x framing or blocking, 10d @ 12" o.c. at intermediate framing.
- Provide 6" concrete housekeeping pad for exterior heat pumps. Reinforce with #4 @ 12" o.c. each way at mid slab depth. For size and location see Mechanical drawings.
- For Mechanical equipment suspended from floor structure. See 13/S301. For equipment location see Mechanical.

PLAN NOTES

- Existing plywood shear wall removed.
- Infill existing shear wall with 3x4 framing at 16" o.c. and 1/2" in plywood. Nail to adjacent framing per detail 11/S301. Anchor to existing foundation similar to detail 1/S301.

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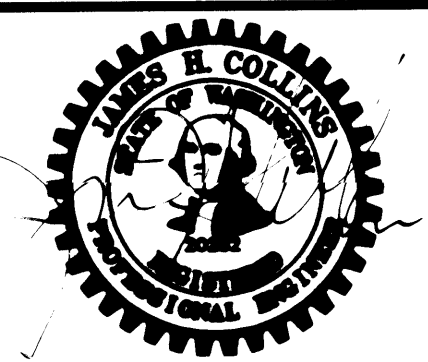
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W. A. Lincoln Date: 3/5/02
Senior Director of Facilities Development

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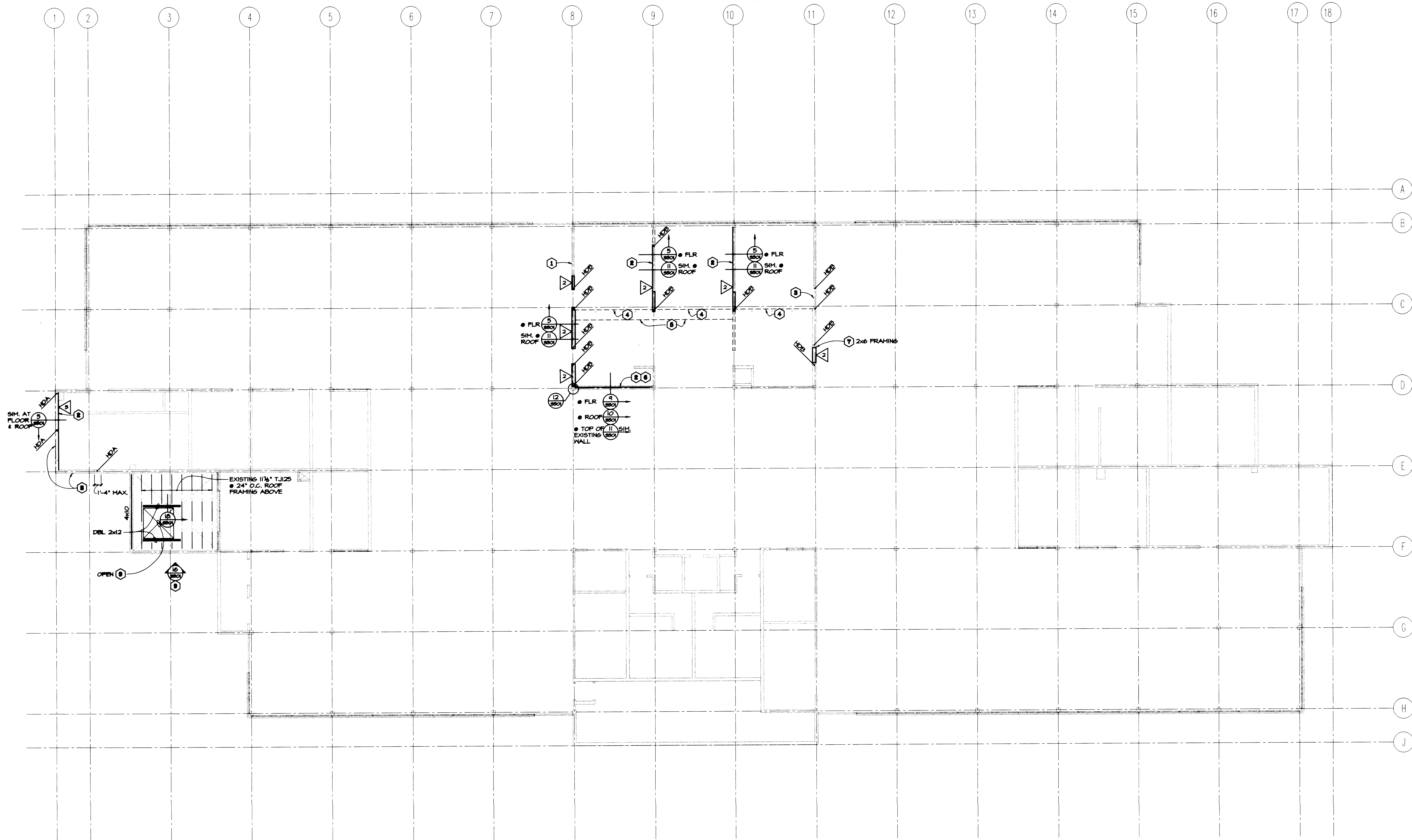
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TITLE
FOUNDATION PLAN

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FLOOR FRAMING PLAN

1/8"=1'-0"

FRAMING NOTES

1. Indicates existing plywood shear wall removed.
2. Indicates new shear wall framing with 2x4 @ 16" o.c. and 1/2" plywood.
3. HDA Indicates shear wall hold down per detail 7/S301.
3. HDB Indicates shear wall hold down per detail 6/S301.

4. Indicates plywood shear wall. 1/2" plywood with 8d @ 6" o.c. at all panel edges. Backed with 2x framing or blocking. 8d @ 12" o.c. at intermediate framing.
5. Indicates plywood shear wall. 1/2" plywood with 8d @ 4" o.c. at all panel edges. Backed with 2x framing or blocking. 8d @ 12" o.c. at intermediate framing.

PLAN NOTES

1. Infill existing opening with 2x4 framing @ 16" o.v. to match existing wall with 1/2" plywood. Attach to the existing framing per detail 11/S301. Attach to the floor framing below per detail 5/S301.
8. Add 1/2" plywood to the existing wood stud walls. Provide blocking at unsupported plywood panel edges. In the process of removing the existing sheathing reattach existing mechanical of electrical items. See mechanical and electrical drawings.

8. Openings in existing wall. Provide header and wall framing as shown in detail 15/S301.
4. Provide 6x12 on top of existing storefront wall. Support at existing partition walls per 14/S301.
6. Provide double 2x12 per detail 19/S301 to support existing wall framing above ceiling.
6. Provide 2x4 at 16" o.c. with 1/2" plywood between top of wall to roof structure above.
7. Frame in new opening per 15/S301 for future opening. Frame in infill with 2x framing similar to 11/S301.
8. Opening in entry roof above. Head off existing joist with double 2x12 each side of opening per 18/S301.
8. Cut off existing floor glulam beam and modify framing per 16/S301. Contractor may re-frame wall or modify existing wall framing.
10. Modify wall framing to match Architectural drawings. Relocate 4x10 header to bottom of new wall configuration. Attach existing framing to 4x10 with (2) 18d at each stud. Attach 4x10 to adjacent glulam beam and wall framing with (2) Simpson A35 at each end (provide 2x backing at wall framing).

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Approved

Jeffrey A. Lincoln
Senior Director of Facilities Development

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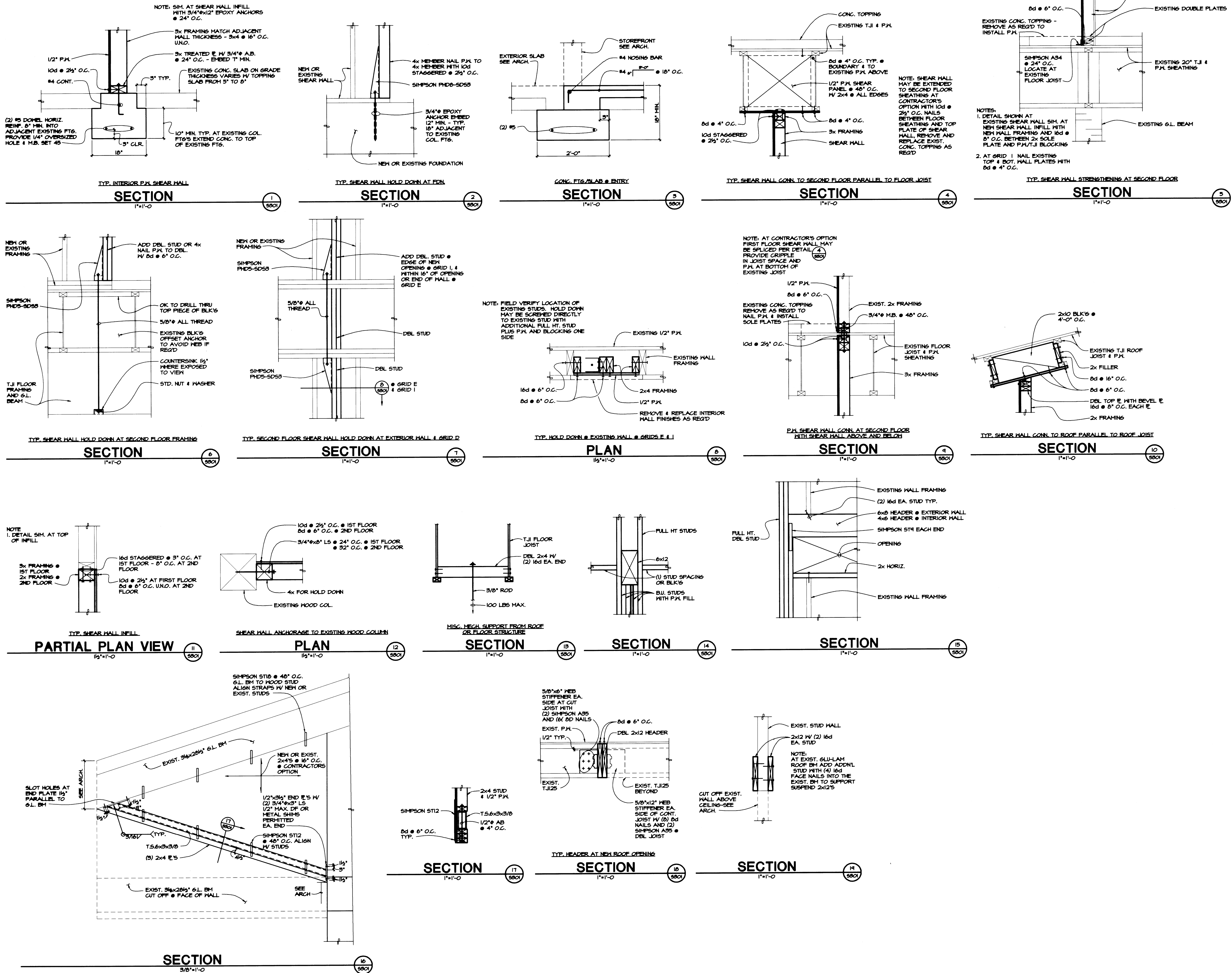
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FLOOR FRAMING PLAN

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DATE 03/04/02
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JOB NUMBER

S202



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JEFFREY A. LINCOLN
SENIOR DIRECTOR OF
FACILITIES DEVELOPMENT.

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998084

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5345-23

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TITLE
**REVISED
SECOND LEVEL OPEN OFFICE
POWER AND
SYSTEMS PLANS**

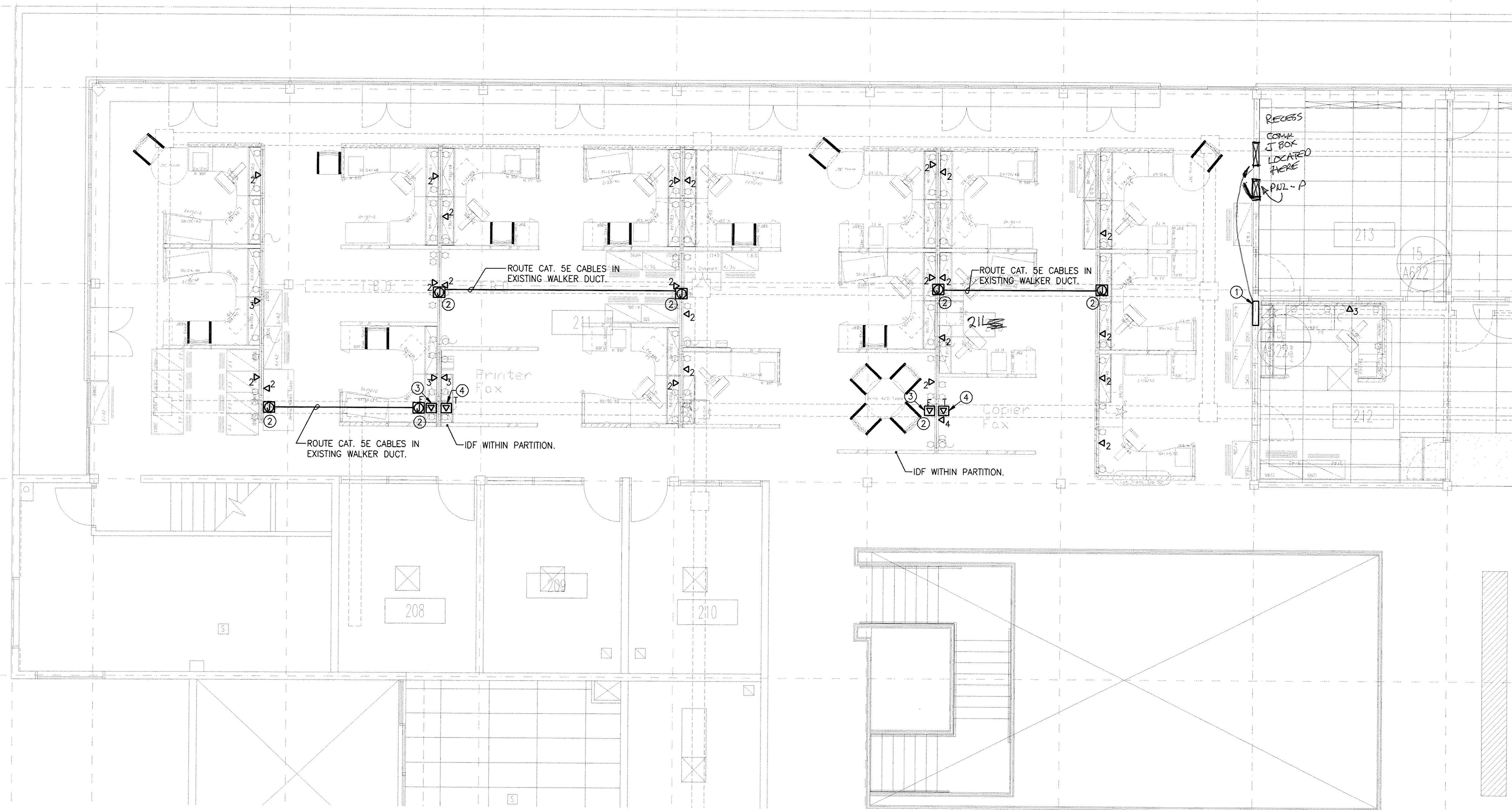
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AS BUILT

E422R1

CONSTRUCTION NOTES

- 24"x24"x6"D FLUSH PULL BOX WITH (3) 2"C. UP TO PULL BOX IN ATTIC. (2) 1-1/4"C DOWN TO EXISTING IN FLOOR RACEWAY.
- PROVIDE (1) 2" IPS AFTERSET INSERTS FOR ROUTING OF CABLES INTO EXISTING IN FLOOR RACEWAY.
- TERMINATE (2) 4 STRAND FIBER IN IDF HUB IN THE FURNITURE PARTITION SYSTEM.
- TERMINATE (6) 4-PAIR CATEGORY 5 AT THE IDF HUB IN THE FURNITURE PARTITION SYSTEM.



1 REVISED SECOND LEVEL OPEN OFFICE SYSTEMS PLAN
E322R1 SCALE: 1/4" = 1'-0"

