PHASE II

CARTERET COUNTY COURTHOUSE

BEAUFORT, NORTH CAROLINA

INTERIOR RENOVATIONS

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BARTHOLOMEW ASSOCIATES, INC., ARCHITECTS

PROGRESSIVE DESIGN COLLABORATIVE, LTD.
MECHANICAL AND ELECTRICAL SYSTEMS
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SCHEDULE OF DRAWINGS

LANDSCAPE

LA-3 PLANTING PLAN
LA-4 ENLARGED COURTYARD & PLAZA PLAN
LA-5 IRRIGATION PLAN (included for information only– Irrigation is installed)

ARCHITECTURAL

D-1 DEMOLITION PLANS
A-1 FLOOR PLANS
A-2 REFLECTED CEILING PLANS
A-3 DOOR SCHEDULE & DETAILS
A-4 MILLWORK ELEVATIONS & DETAILS

PLUMBING, MECHANICAL & ELECTRICAL

U-1 UTILITY SITE PLAN
P-1 PLUMBING PLANS
M-1 HEATING & AIR CONDITIONING PLANS
M-2 SPRINKLER PLANS
E-1 LIGHTING FLOOR PLANS
E-2 POWER FLOOR PLANS

PROJECT DATA

Zoning: Historic district

Renovation: Two story masonry, wood & steel

Type of construction: V, one hour protected, sprinkled

Height: 78 ft.

Gross floor area: 9,330 sq. ft.

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ARCHITECTS
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A.I.A.

DRAWING RELEASE & REVISIONS

DATE	DESCRIPTION	REV.

phase II
carteret county courthouse
beaufort, north carolina

DRAWING NUMBER

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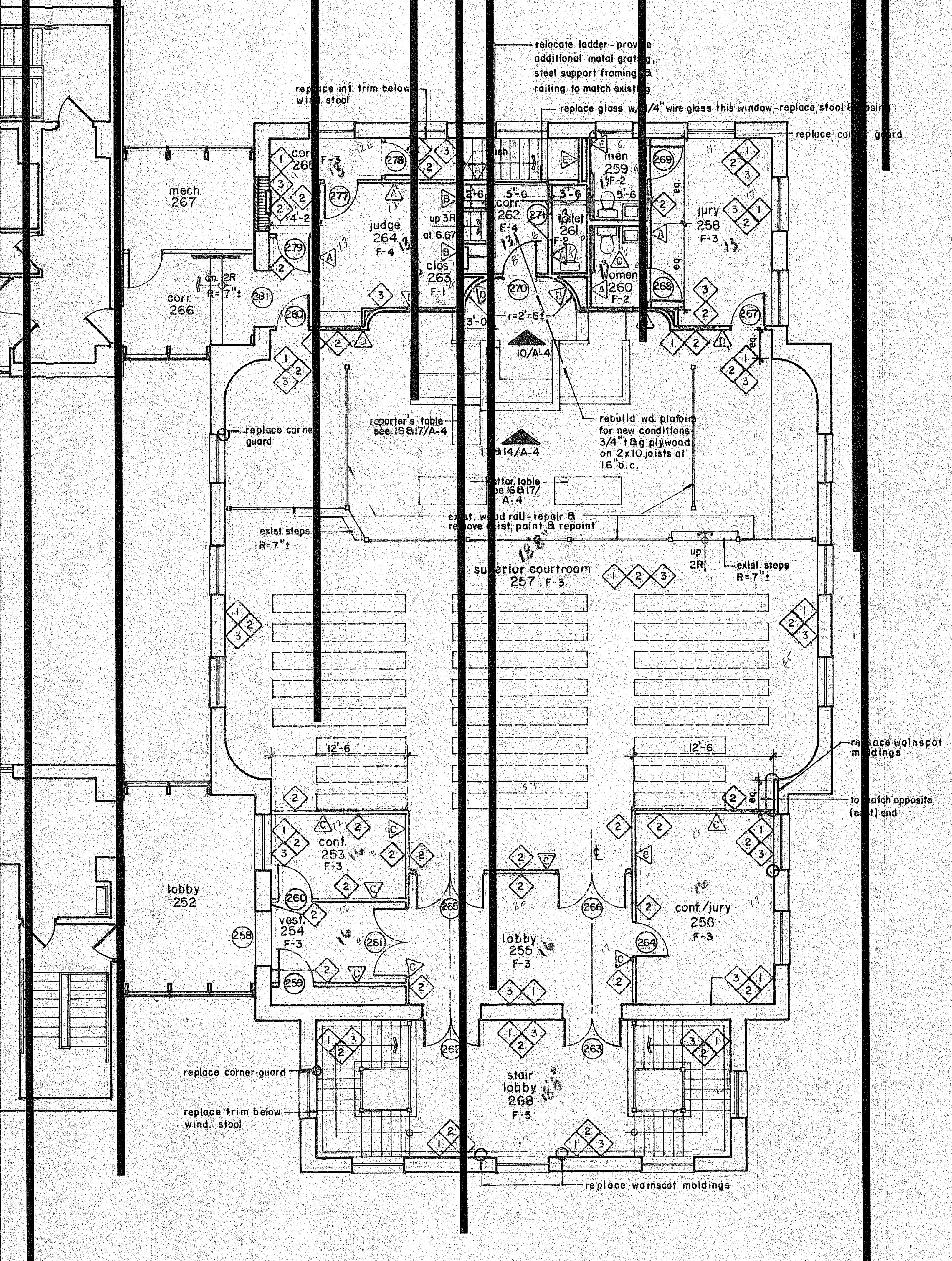


second floor plan : 1/8"=1'-0

partition legend

- 4" face [illegible]ck
- cmu- ext[illegible]d to bottom of fl[illegible]or [illegible]of deck above unless indicat[illegible]otherwise.
- existing [illegible]ll or partition
- (A) 5/8" gwb [illegible]a. side 2 [illegible] 4 wood st[illegible]at 16 o.c. w/ 3" sound attenuation blankets [illegible]tween. Re[illegible]se existing wood studs in place where possible.
- (B) 5/8" gwb [illegible]a. side 2 [illegible] 4 wood st[illegible] 16 o.c. Reuse existing wood studs in place [illegible]ere possible.
- (C) 5/8" gwb [illegible]a. side 2[illegible] 6 wood st[illegible]at 16 o.c. w/ 3" sound attenuation blankets [illegible]tween.
- (D) Plaster or metal lath on one side (courtroom) of new or existing wood studs and/or furring strips and 5/8" gwb on other side with 3" sound attenuation blankets [illegible]tween. Depth to face of plaster from stud shall match exist.
- (E) 5/8" gwb [illegible]ne side 2 x 4 studs at 16 o.c. w/ 3" sound attenuation blankets [illegible]tween.

Notes:

All gwb [illegible]ll be firecode "[illegible]" throughout. Provide water resistant gwb at all toilets.

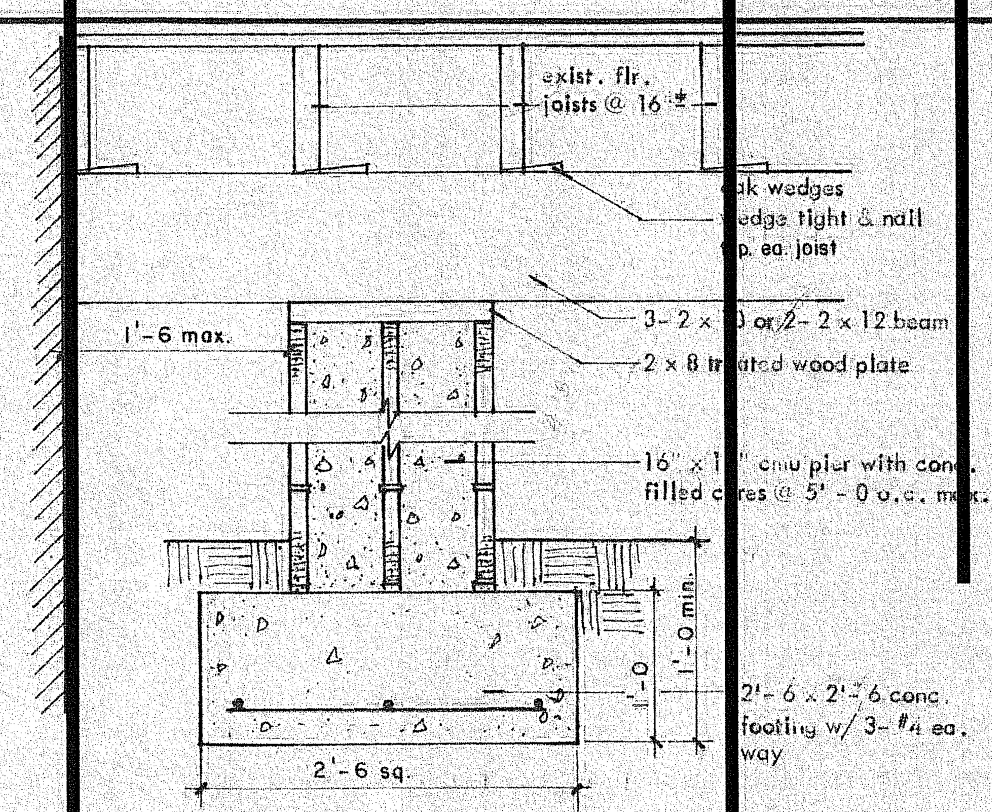
Provide f[illegible]l-backed gwb at all e[illegible]rior walls and second floor ceilings.

finish schedule

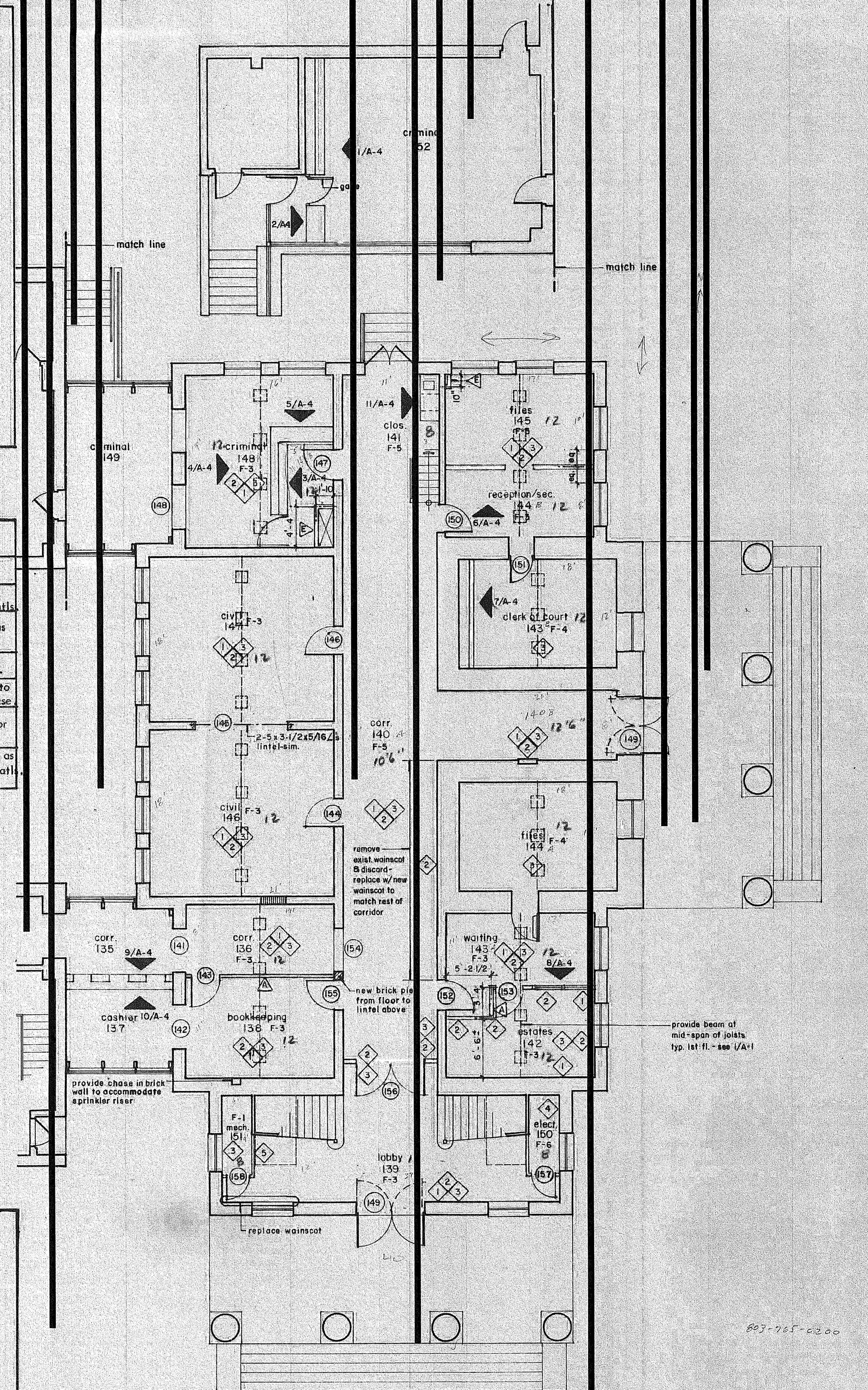
mark	floor	base	walls	wainscot	ceiling	remarks
F-1	wood	wood-ptd.	gwb-ptd.	none	ptd. wood	repair exist. wood floor as read. / matching matls.
F-2	ceramic tile	ceramic tile	vinyl w.c.	ceramic tile to chair rail	ptd. gwb	provide new chair rail as req'd. to match exist.
F-3	carpet	wood-ptd.	vinyl w.c.	wood-ptd.	ptd. gwb	wainscot to match exist.
F-4	carpet	wood-ptd.	vinyl w.c.	none	ptd. gwb	provide new wood base to match exist. original base.
F-5	carpet & exist. wood-refinished	wood-ptd.	vinyl w.c.	wood-ptd.	ptd. gwb	refinish entire wood floor this area.
F-6	wood	wood-ptd.	wood-ptd.	none	ptd. gwb	repair exist. wood floor as required / matching matls.

FINISH NOTES:

1. Reinstall existing wood base, wainscot, chair rail, window stools and trim on existing masonry walls with treated wood furring strips or on new or exist. stud partitions unless noted otherwise. Face of wainscot to face of masonry shall be the same dimension as the original installation.
2. Install new wood base, wainscot, chair rail and window stool where required, or indicated and trim to match existing on existing masonry walls with treated wood furring strips or new stud partitions unless noted otherwise. Face of wainscot to face of masonry shall be the same as the original installation.
3. Provide 5/8" gwb on existing masonry walls with treated wood or met. furring or on new or existing stud partitions. Face of gwb to face of masonry shall be the same as the original installation of face of masonry to face of plaster. Space furring 16" o.c. max.
4. Reinstall existing wood walls and ceiling, base and other moldings. Provide new wood where required to match existing. Repair floor as required with wood to match existing.
5. Provide new paneled wall to match existing at room 150.



1 footing detail: 1"=1'-0



first floor plan : 1/8"=1'-0

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ARCHITECTS
Raleigh, North Carolina

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DATE	DESCRIPTION	REV.

phase II
carteret county courthouse
interior renovations
beaufort, north carolina

DRAWING NUMBER
A-1

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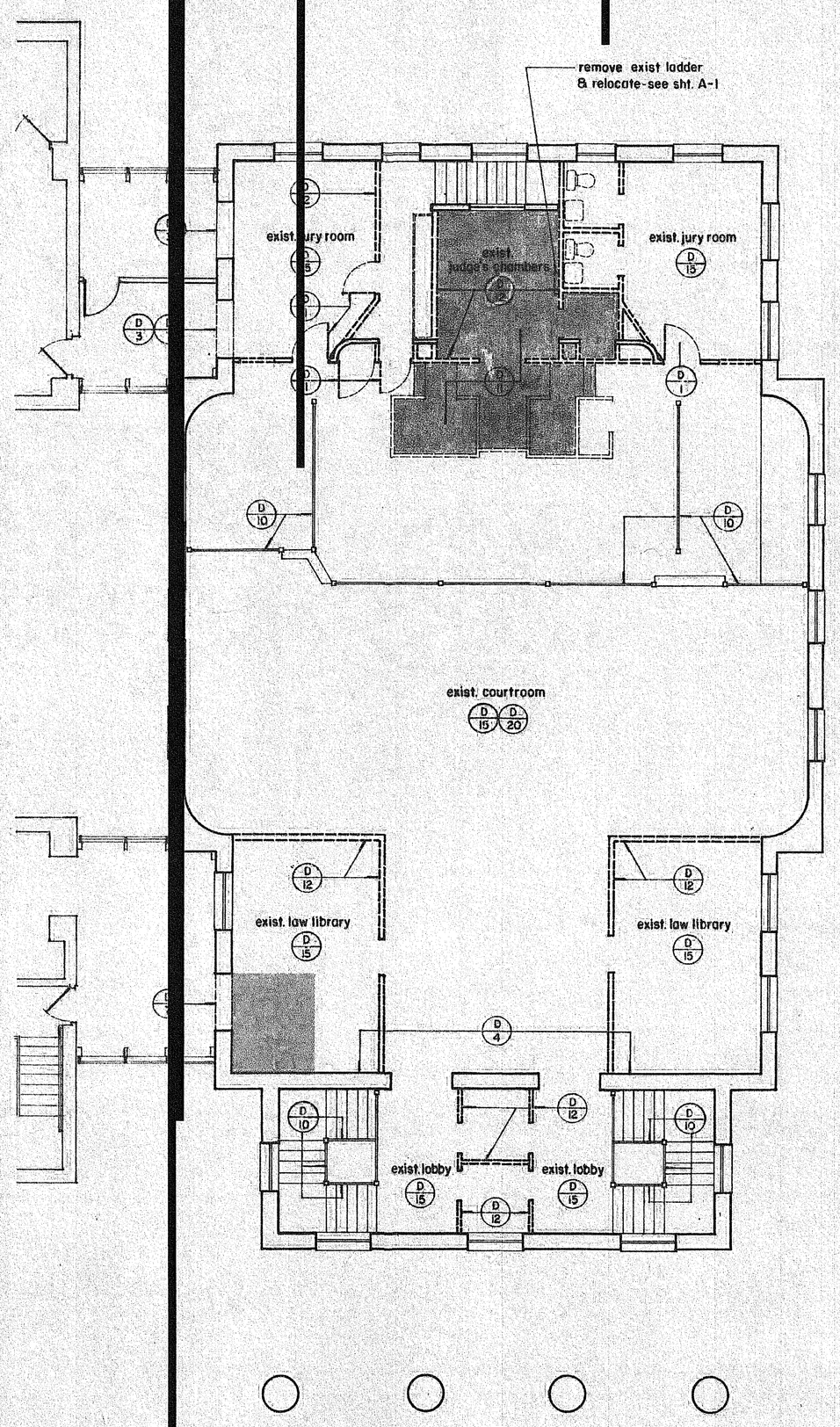


second floor demolition plan : 1/8"=1'-0

DEMOLITION NOTES:

(Notes indicated on the plans by a number in a ⊖.)

General Notes:

1. The General Contractor shall be responsible for all demolition work.
2. The General Contractor and his subcontractors shall visit the project site prior to bidding and familiarize themselves with existing conditions.
3. All material and equipment shall remain the property of the Owner unless directed otherwise. All material and equipment not retained by the Owner shall be properly disposed of by the contractor. Care shall be taken in the removal of material and equipment to minimize damage. A list of material and equipment to be retained by the Owner shall be furnished to the contractor prior to start of demolition.

D-1 Remove existing threshold and/or door(s) and frame, refinish and store for reuse.
D-2 Remove existing pair of metal doors and hinges.
D-3 Remove existing window sill, stool, trim and/or window.
D-4 Remove existing acoustical tile and furring strips from existing wall.
D-5 Remove existing steel shutters and frame.
D-6 Remove existing vault door and remove paint from existing frame to remain.
D-7 Remove existing granite sill and/or masonry sill below window to 8" below existing finish floor.
D-8 Provide opening in existing masonry wall for new door and frame as scheduled. See floor plans and door schedule.
D-9 Remove existing masonry wall to 8" min. below existing finish floor.
D-10 Remove and strip paint from existing wood railing and store for reuse.
D-11 Remove existing raised platform (denoted by shaded area).
D-12 Remove existing wood stud partition.
D-13 Remove existing wainscot and dispose of.
D-14 Remove existing wood paneling and furring strips from existing masonry walls.
D-15 Remove all existing plaster and wood lath from existing masonry or stud walls. Remove existing wood plaster grounds embedded in masonry walls and replace with brick and non-shrink grout. Disassemble, strip all paint and store for reinstallation all existing wood wainscot, chair rail, base, window stools and trim, doors, jambs and trim.
D-16 Remove existing acoustical tile, 1 x 4 furring strips, plaster and wood lath ceiling.
D-17 Remove existing plaster and wood lath ceiling.
D-18 Remove existing vinyl flooring and underlayment on existing wood floor.
D-19 Remove existing vinyl flooring.
D-20 Remove existing plaster from masonry walls.
D-21 Remove paint from existing vault door and frame to remain, rework lock to make functional.

Plumbing General Notes:

1. The Contractor shall schedule all shut down of existing water and sewer services with the Owner.
2. Where existing waste and water lines that are to be removed or are to be connected to are shown on the plans these locations and connections are assumed. During the demolition work, the Contractor shall verify exact locations. Should a different method of piping than that shown on the plans be required, an alternate method shall be coordinated with the Architect/Engineer.
3. All waste and water lines that are capped shall be sealed water and gas tight and shall be capped in the walls, ceilings, floors or below grade.
4. It is the Contractor's responsibility to field locate all underground utilities, storm drains, etc. which may or may not be shown on these drawings and to avoid conflict of his work with same. Repair of damage to existing utilities, storm drains, etc. caused by the Contractor shall be the Contractor's responsibility.

P-1 Remove all plumbing fixtures, waste and water lines in the building as far as possible within the scope of the project, to avoid conflict with the new work and cap lines.

Mechanical Notes:

M-1 The Contractor shall remove all hot water (or steam) supply and return lines, radiators, valves, controls, etc. from the building. Care shall be taken not to damage the existing structure. All holes left after removal of the pipes and radiators shall be closed and patched to match existing finish or new finish as scheduled.

Electrical Notes:

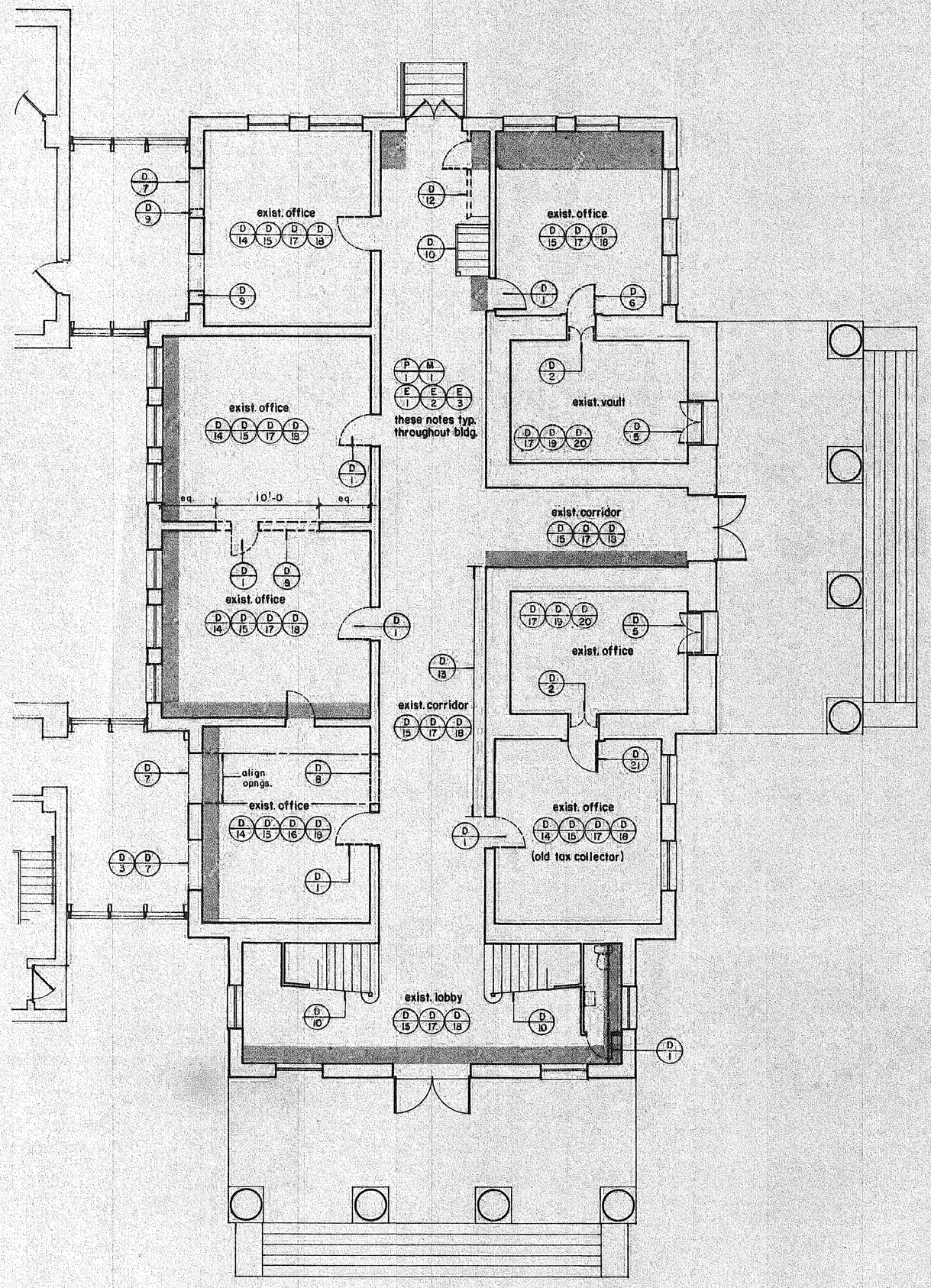
E-1 The existing service conductors, conduit and panels shall be removed.
E-2 All existing lights, switches, receptacles, panels, boxes, wiring, conduit, alarm and signal systems shall be removed.
E-3 All wiring and conduit shall be removed as directed, except that which is recessed in walls or buried below a slab or grade can remain. Conduit and wiring which cannot be removed shall be capped and abandoned.

denotes existing construction to remain

denotes existing construction to be removed.

D-1 denotes demolition note - see sheet D-2

* denotes existing wood flooring & structure (wood joists) which may have received termite or water damage. Replace with matching boards of the same size and species of wood.



first floor demolition plan : 1/8"=1'-0

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phase II
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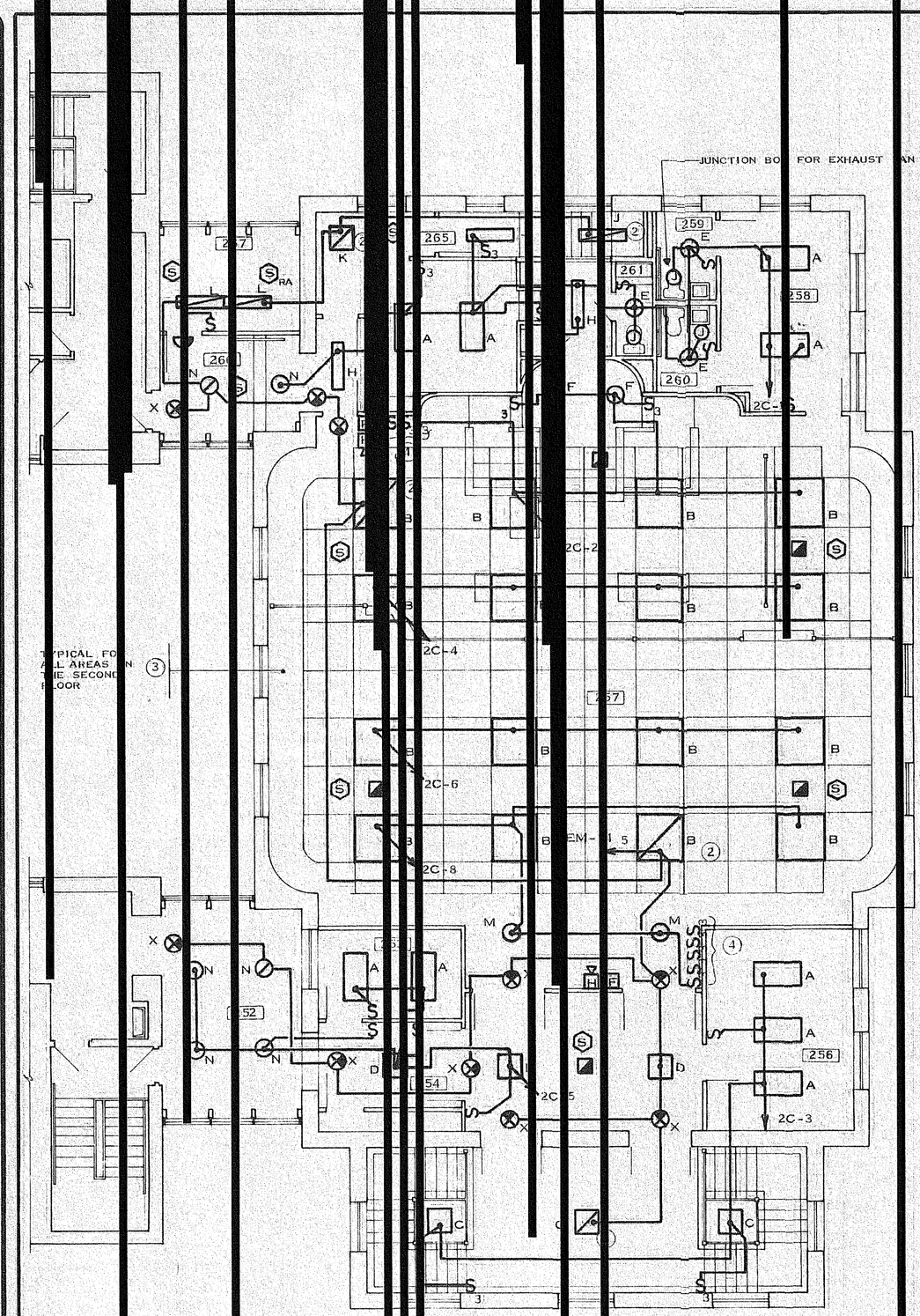
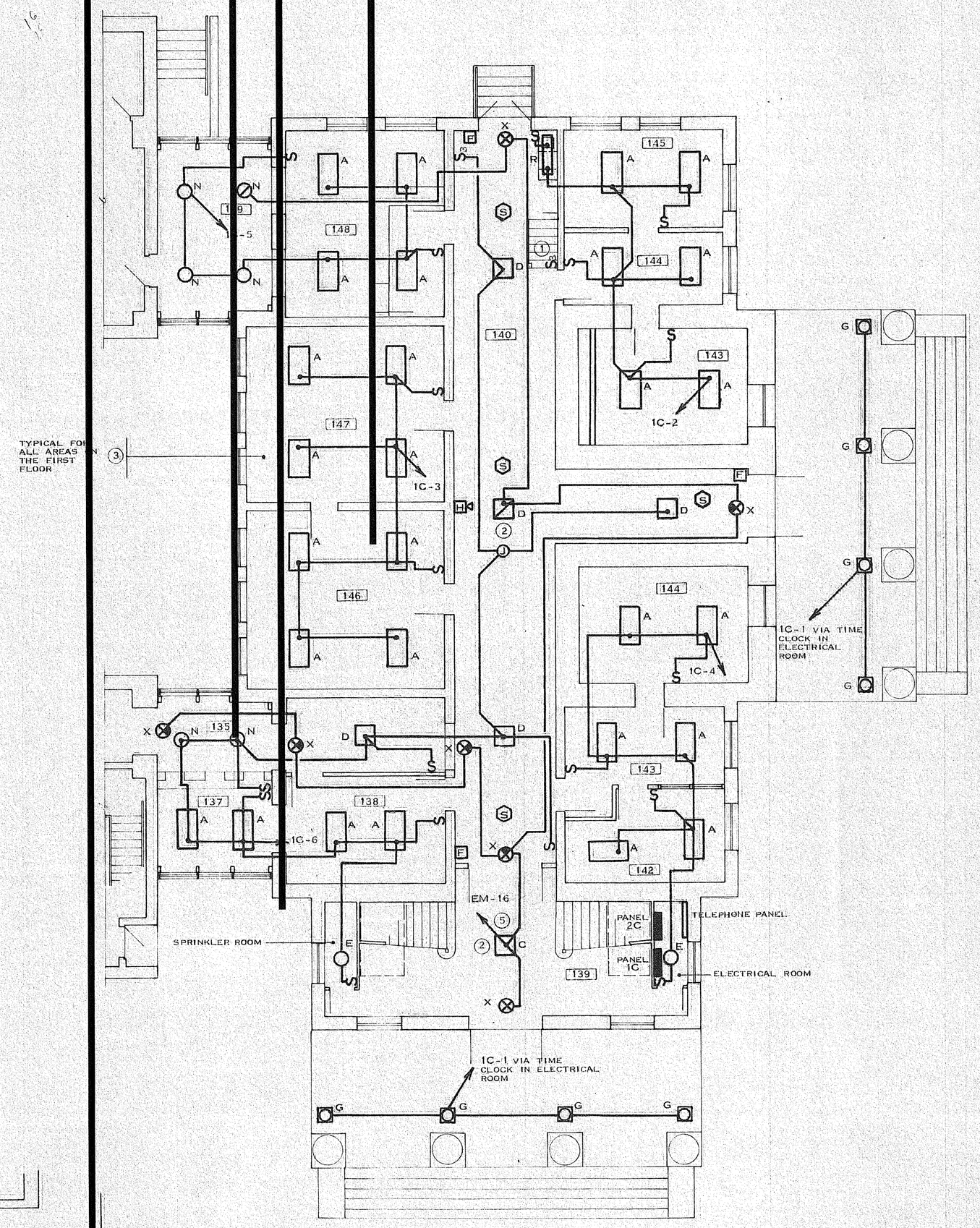
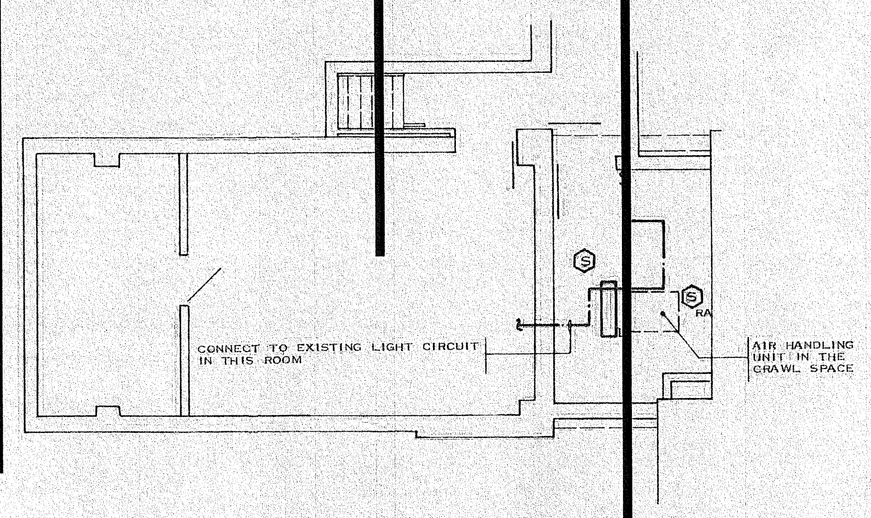
D-1



SECOND FLOOR



FIRST FLOOR



BASEMENT

NOTES: (AS INDICATED ON THIS PLAN SHEET BY A NUMBER IN A ◯)

1. CONNECT THE 3-WAY SWITCH TO LIGHT FIXTURES AT STAIRCASE ABOVE.
2. DO NOT SWITCH LIGHT FIXTURE.
3. THE ELECTRICAL CONTRACTOR SHALL CUT AND PATCH ALL EXISTING WALLS TO INSTALL HIS CONDUITS AND ELECTRICAL DEVICES. WALL SURFACES SHALL BE FINISHED TO A POINT WHERE THE GENERAL CONTRACTOR CAN PROCEED WITH PAINTING AND FINISHING OF THESE SURFACES.
4. CONNECT TO CIRCUITS 2C-2,4,6 AND 8.
5. CONNECT TO EMERGENCY PANEL IN THE FIRST FLOOR HALL OF THE NEW COURTHOUSE ADDITION, ROOM [illegible]

Symbol Legend

SYMBOL	DESCRIPTION	MFG. & CATALOG NUMBER
X	FLUORESCENT LIGHT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
X	FLUORESCENT LIGHT FIXTURE - CONNECTED TO EMERGENCY POWER SOURCE - DO NOT SWITCH	SEE FIXTURE SCHEDULE
X	INCANDESCENT LIGHT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
X	HID TYPE LIGHT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
X	EXIT LIGHT FIXTURE - CONNECTED TO EMERGENCY POWER SOURCE	SEE FIXTURE SCHEDULE
X	BRACKET OR WALL MOUNTED INCANDESCENT LIGHT FIXTURE	SEE FIXTURE SCHEDULE
S	SINGLE POLE TOGGLE SWITCH - INSTALL 48" TO TOP OF OUTLET ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE	BRYANT #4901-I - COVER, BRYANT #93071
S_3	3-WAY SWITCH - 48" TO TOP OF OUTLET, UNLESS NOTED OTHERWISE	BRYANT #4903-I - COVER, BRYANT #93071
(WP)	DUPLEX GROUNDING TYPE RECEPTACLE - 18" ABOVE FINISHED FLOOR TO THE BOTTOM OF BOXES, UNLESS NOTED OTHERWISE. "WP" INDICATED TO BE FURNISHED WITH WEATHER-PROOF COVER	BRYANT #5362-I - COVER, BRYANT #93101 - WP COVER, BRYANT #868
	TELEPHONE OUTLET - 18" ABOVE FINISHED FLOOR TO BOTTOM OF OUTLET, UNLESS NOTED OTHERWISE	SINGLE GANG BOX WITH BRYANT #93181 COVER
S	IONIZATION TYPE SMOKE DETECTOR	SIMPLEX #2098-9507
H	HEAT DETECTOR	SIMPLEX #4255-8
F	MANUAL FIRE ALARM PULL STATION - 48" TO TOP OF DEVICE	SIMPLEX #4251-20
H	AUDIO-VISUAL FIRE ALARM SIGNAL HORN - 96" ABOVE FINISHED FLOOR	SIMPLEX #2903-9101 A/V
	120/208 VOLT PANELBOARD WITH NEUTRAL AND GROUND BUSS ACCESSORIES	SQUARE D COMPANY (TO MATCH EXISTING EQUIPMENT)
	RECESSED FLUSH-MOUNTED RECEPTACLE - FURNISH CARPET TRIM WHERE REQUIRED BY FLOOR FINISH	HUBBELL #B2537 BOX WITH 20 AMP DUPLEX RECEPTACLE - COVER #S-3725 - CARPET FLANGE #S-3082
	MICROPHONE OUTLET - RECESSED FLOOR MOUNTED	SOUNDOLIER #602-13
	WIRING AND CONDUIT INSTALLED CONCEALED IN THE WALL SPACE OR ABOVE FINISHED CEILING	
	WIRING AND CONDUIT INSTALLED IN OR UNDER THE FLOOR SLAB	
	HOMERUN CIRCUIT TO PANELBOARD - NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS	
	DISCONNECT SWITCH, HORSEPOWER RATING, FUSE AS REQUIRED - NEMA 1 ENCLOSURE, UNLESS NOTED OTHERWISE. PROVIDE GROUND LUGS FOR EACH SWITCH.	SQUARE D COMPANY
	JUNCTION BOX WITH REMOVABLE COVER - AS PER NATIONAL ELECTRICAL CODE.	
AC	COMBINATION RECESSED FLOOR MOUNTED RECEPTACLE AND TELEPHONE OUTLET	HUBBELL #B-4214 BOX WITH DUPLEX RECEPTACLE AND TELEPHONE OUTLET COVER #S-3[illegible] & 1 #S-2625 WITH #S-[illegible]084 CARPET FLANGE
S RA	RETURN AIR SMOKE DETECTOR	SIMPLEX #2098-9506 WITH #2098-9507 DETECTOR
	RECESSED CEILING MOUNTED SPEAKER	RAULAND #7730-8B GRILLE/BAFFLE WITH #904-C SPEAKER AND SOUNDOLIER #E49 BACK BOX - #HT-47 TRANSFORMER
	REMOTE SMOKE ALARM INDICATOR - INSTALL IN CORRIDORS AT EACH MECHANICAL ROOM (CEILING MOUNTED)	SIMPLEX #2098-9712

Fixture Schedule

MARK	DESCRIPTION	MFG. & CATALOG NO.	LAMPS	REMARKS
A	2'x4' PARA LOUVER FLUORESCENT	DAY-BRITE #LS224-18A24	3 - F40 RS	SURFACE MOUNTED
B	4'x4' PARA LOUVER FLUORESCENT	DAY-BRITE #LS444-36A44	6 - F40 RS	SURFACE MOUNTED
C	CHANDELIERS	AMERICAN GLASS LIGHT CO. #221	100 W	SOLID BRASS PENDANT MOUNT FIXTURE AT 10" ABOVE FINISHED FLOOR
D	CHANDELIERS	AMERICAN GLASS LIGHT CO. #213	100 W	SOLID BRASS PENDANT MOUNT AT 7'-0" ABOVE FINISHED FLOOR
E	SURFACE MOUNTED INCANDESCENT	MARKSTONE #1[illegible]14	2 - 75W A-19	
F	WALL WASHER	MARKSTONE #W[illegible]641	1 - 150 RDH	
G	RECESSED HID FIXTURE	OMEGA #L707[illegible]TW	1 - 100W HPS	WIRE THROUGH TIME CLOCK
H	1'x4' PARA LOUVER	DAY-BRITE #LS214-10A14	2 - F40 RS	SURFACE MOUNTED
J	1'x4' FLUORESCENT	DAY-BRITE #1X42-718	2 - F40 RS	SURFACE MOUNTED
K	2'x2' FLUORESCENT	DAY-BRITE #2X22U-368	2 - F40 6U	SURFACE MOUNTED
L	1'x4' INDUSTRIAL FLUORESCENT	DAY-BRITE #4N2R	2 - F40 RS	SURFACE MOUNTED
M	RECESSED INCANDESCENT DOWN LIGHT	OMEGA #E5002-TW	1 - 150 W A-19	
N	SURFACE MOUNTED DOWN LIGHT	OMEGA #PS811-E	1 - 150 W A-19	
P	HIGH INTENSITY LIGHT SPHERE	MARKSTONE #HPSP1118-120-ACR-36	1 - 100 W HPS	STEM MOUNTED
Q	HIGH INTENSITY FLOOD LIGHT	NORTHSTAR #SM-061-LS-120-C-VP	1 - 50 W MV	FIELD VERIFY MOUNTING LOCATION
R	FLUORESCENT FIXTURE	DAY-BRITE A2240 W	2 - F40 RS	INSTALL AT 7'-0" ABOVE FINISHED FLOOR
X	EXIT LIGHT - UNIVERSAL CONNECTION	EMERGI-LITE #WX22R	AS REQUIRED	120 VOLT

Lighting Plan

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

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E-1

OF 2 SHEETS

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first floor door schedule

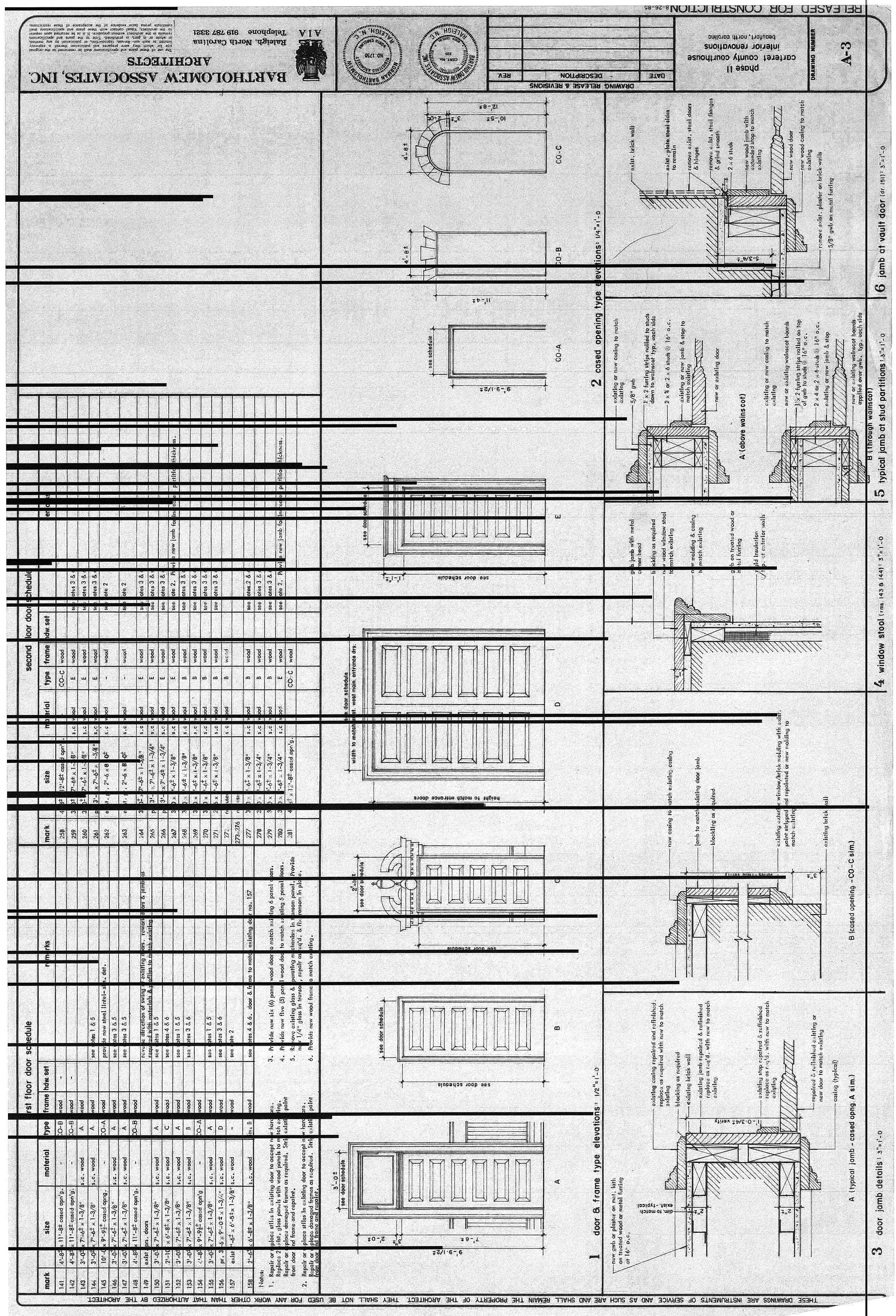
mark	size	material	type	frame	hdw. set	remarks
141	4'-8± x 11'-8± cased opn'g.	-	CO-B	wood	-	
142	4'-8± x 11'-8± cased opn'g.	-	CO-B	wood	-	
143	3'-0± x 7'-6± x 1-3/8"	s.c. wood	A	wood		
144	3'-0± x 7'-6± x 1-3/8"	s.c. wood	A	wood	see notes 1 & 5	
145	10'-0 x 9'-9½± cased opng.	-	CO-A	wood	provide new steel lintel-s	
146	3'-0± x 7'-6± x 1-3/8"	s.c. wood	A	wood	see notes 3 & 5	
147	3'-0± x 7'-6± x 1-3/8"	s.c. wood	A	wood	see notes 3 & 5	
148	4'-8± x 11'-8± cased opn'g.	-	CO-B	wood		
149	exist. prs. doors				reverse direction of swing of existing doors. rework doors & jamb as required with materials & profiles to match existing	
150	3'-0± x 7'-6± x 1-3/8"	s.c. wood	A	wood	see notes 1 & 5	
151	2'-10 x 6'-8± x 1-3/8"	s.c. wood	C	wood	see notes 4 & 6	
152	3'-0± x 7'-6± x 1-3/8"	s.c. wood	A	wood	see notes 1 & 5	
153	3'-0± x 7'-6± x 1-3/8"	s.c. wood	B	wood	see notes 3 & 6	
154	4'-8± x 9'-9½± cased opn'g	-	CO-A	wood		
155	3'-0± x 7'-6± x 1-3/8"	s.c. wood	A	wood	see notes 1 & 5	
156	pr. 3'-6 x 9'-0± x 1-3/4"	s.c. wood	D	wood	see notes 3 & 6	
157	exist. 1'-6± x 6'-5± x 1-3/8"	s.c. wood	-	wood	see note 2	
158	2'-6± x 6'-8± x 1-3/8"	s.c. wood	Sim. B	wood	see notes 4 & 6. door & frame to match existing door no. 157	

Notes:

1. Repair or replace stiles in existing door to accept new hardware. Replace 2 exist. glass panels with wood panels to match existing. Repair or replace damaged frames as required. Strip paint from door and frame and repaint.
2. Repair or replace stiles in existing door to accept new hardware. Repair or replace damaged frames as required. Strip paint from door and frame and repaint.
3. Provide new six (6) panel wood door to match existing 6 panel doors.
4. Provide new five (5) panel wood door to match existing 5 panel doors.
5. Remove existing glass & operating mechanism in transom panel. Provide new 1/4" glass in transom panel. Provide repair as req'd. & fix transom in place.
6. Provide new wood frame to match existing.

second floor door schedule

mark	size	material	type	frame	hdw. set	remarks
258	4'-8± x 12'-8± cased opn'g.	-	CO-C	wood		
259	3'-0± x 7'-6± x 1-3/8"	s.c. wood	E	wood	see notes 3 & 6	
260	3'-0± x 7'-6± x 1-3/8"	s.c. wood	E	wood	see notes 3 & 6	
261	3'-0± x 7'-6± x 1-3/4"	s.c. wood	E	wood	see notes 3 & 6	
262	exist. pr. 2'-6 x 8'-0±	s.c. wood	-	wood	see note 2	
263	exist. pr. 2'-6 x 8'-0±	s.c. wood	-	wood	see note 2	
264	3'-0± x 7'-6± x 1-3/8"	s.c. wood	E	wood	see notes 3 & 6	
265	3'-0± x 7'-6± x 1-3/4"	s.c. wood	E	wood	see notes 3 & 6	
266	3'-0± x 7'-6± x 1-3/4"	s.c. wood	E	wood	see notes 3 & 6	
267	3'-0 x 7'-6± x 1-3/8"	s.c. wood	E	wood	see note 2. Provide new jamb for increased partition thickness.	
268	3'-0± x 7'-6± x 1-3/8"	s.c. wood	B	wood	see notes 3 & 6	
269	3'-0± x 7'-6± x 1-3/8"	s.c. wood	B	wood	see notes 3 & 6	
270	3'-0± x 7'-6± x 1-3/8"	s.c. wood	B	wood	see notes 3 & 6	
271	2'-6 x 7'-6± x 1-3/8"	s.c. wood	B	wood	see notes 3 & 6	
272	not used	s.c. wood	B	wood		
273-276	not used					
277	3'-0± x 7'-6± x 1-3/8"	s.c. wood	B	wood	see notes 2 & 6	
278	3'-0± x 7'-6± x 1-3/4"	s.c. wood	B	wood	see notes 3 & 6	
279	3'-0± x 7'-6± x 1-3/4"	s.c. wood	B	wood	see notes 3 & 6	
280	3'-0± x 7'-6± x 1-3/4"	s.c. wood	E	wood	see note 2. Provide new jamb for increased partition thickness.	
281	4'-8± x 12'-8± cased opn'g.		CO-C	wood		



RELEASED FOR CONSTRUCTION 8-26-85

DRAWING RELEASE & REVISIONS

DATE	DESCRIPTION	REV.

phase II
carteret county courthouse
interior renovations
beaufort, north carolina

DRAWING NUMBER A-3

BARTHOLOMEW ASSOCIATES, INC.
ARCHITECTS

AIA
Raleigh, North Carolina
Telephone 919 787 3321

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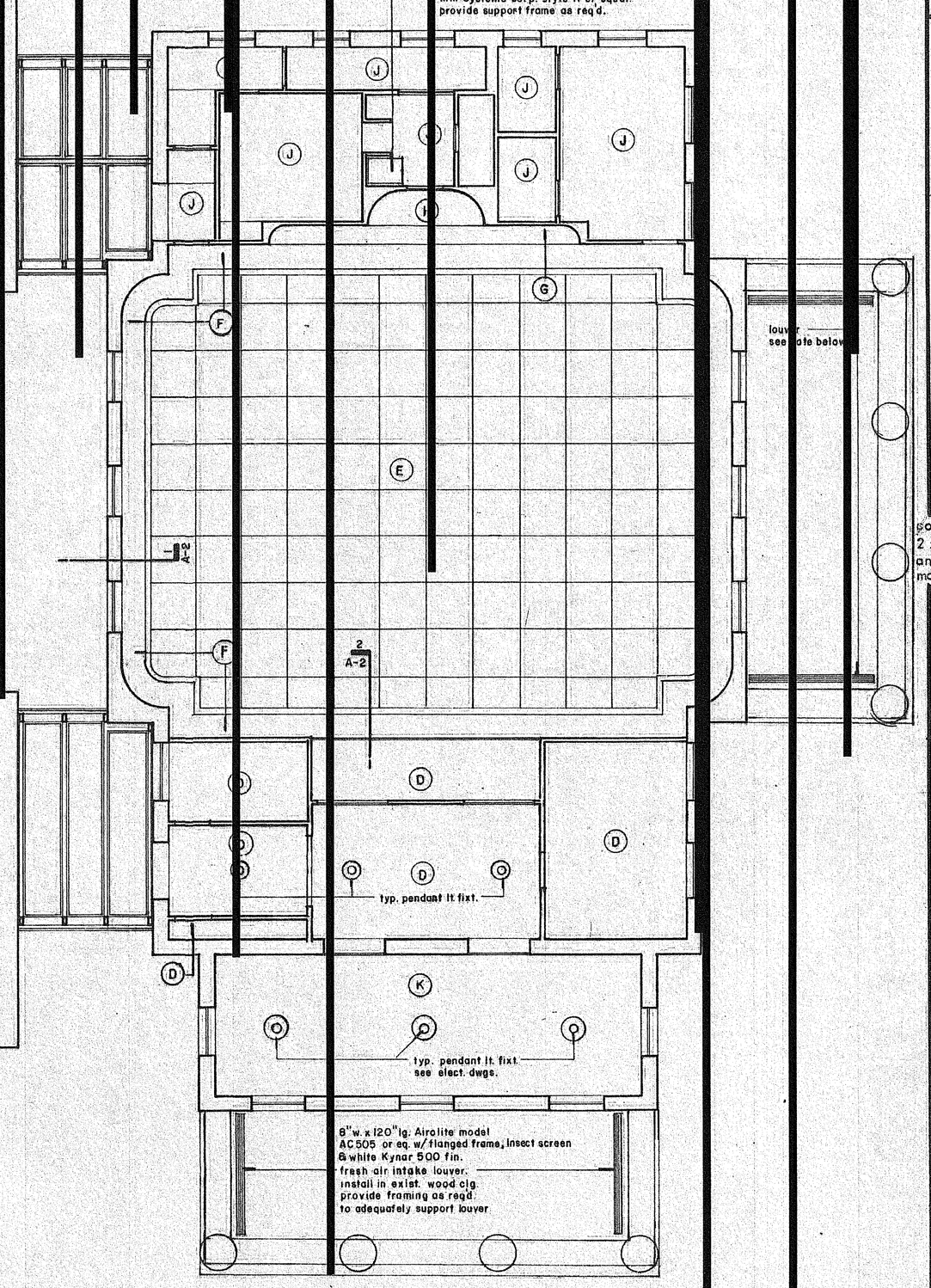
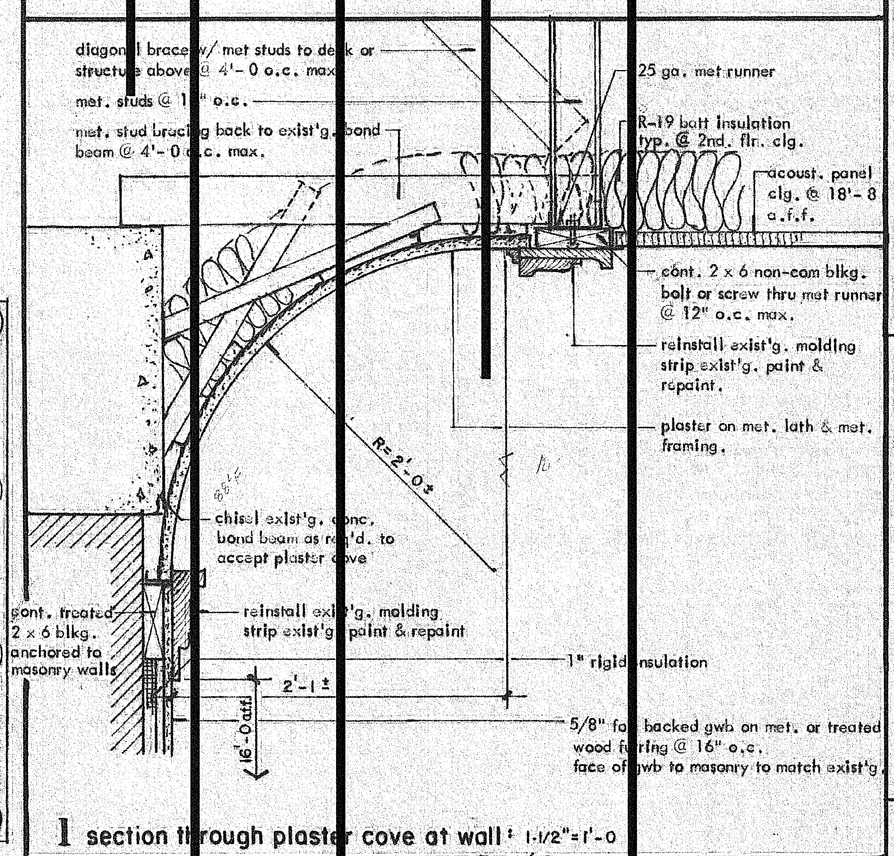
Ceiling Finish Notes:

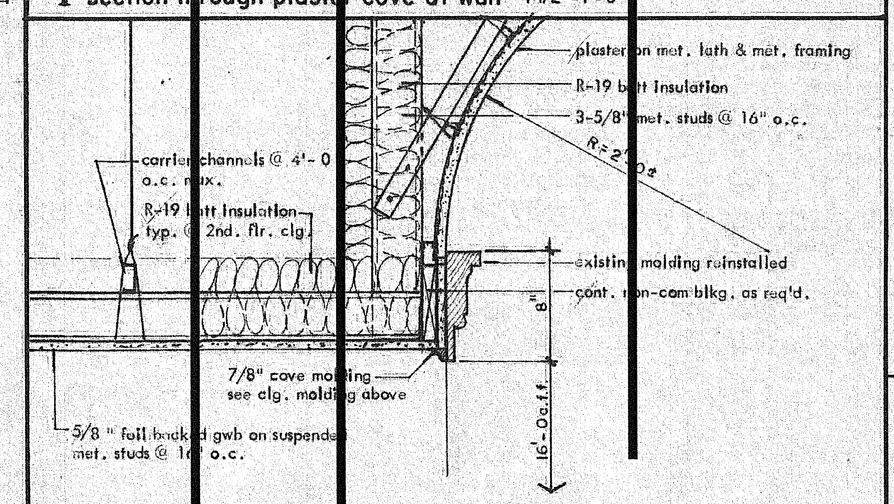
(A) Suspended gwb ceiling @ 12'-0" a.f.f.
(B) Repair existing wood ceiling with boards to match existing. Strip exist. paint & repaint.
(C) Provide gwb ceiling, height to match ceiling in rm. 50.
(D) Suspended gwb ceiling @ 16'-0" a.f.f.
(E) Suspended acoustical panel ceiling @ 18'-8"± a.f.f. (ht. to match previous exist. clg.).
(F) Cont. plaster cove to match previous existing cove (R = 26"±).
(G) Cont. plaster cove to match previous existing cove (R = 10"±).
(H) Plaster dome to match previous existing dome (R = 2'-6"±). Spring line @ 8'-0"± above corridor 262 floor.
(J) Suspended gwb ceiling @ 13'-0" a.f.f. (to match exist.).
(K) Suspended gwb ceiling @ 18'-8" a.f.f. (to match previous exist. clg. ht.).
(L) Suspended gwb ceiling @ 10'-6" a.f.f.
(M) Suspended gwb ceiling @ 12'-6" a.f.f. (attach to bottom of existing second floor joists).



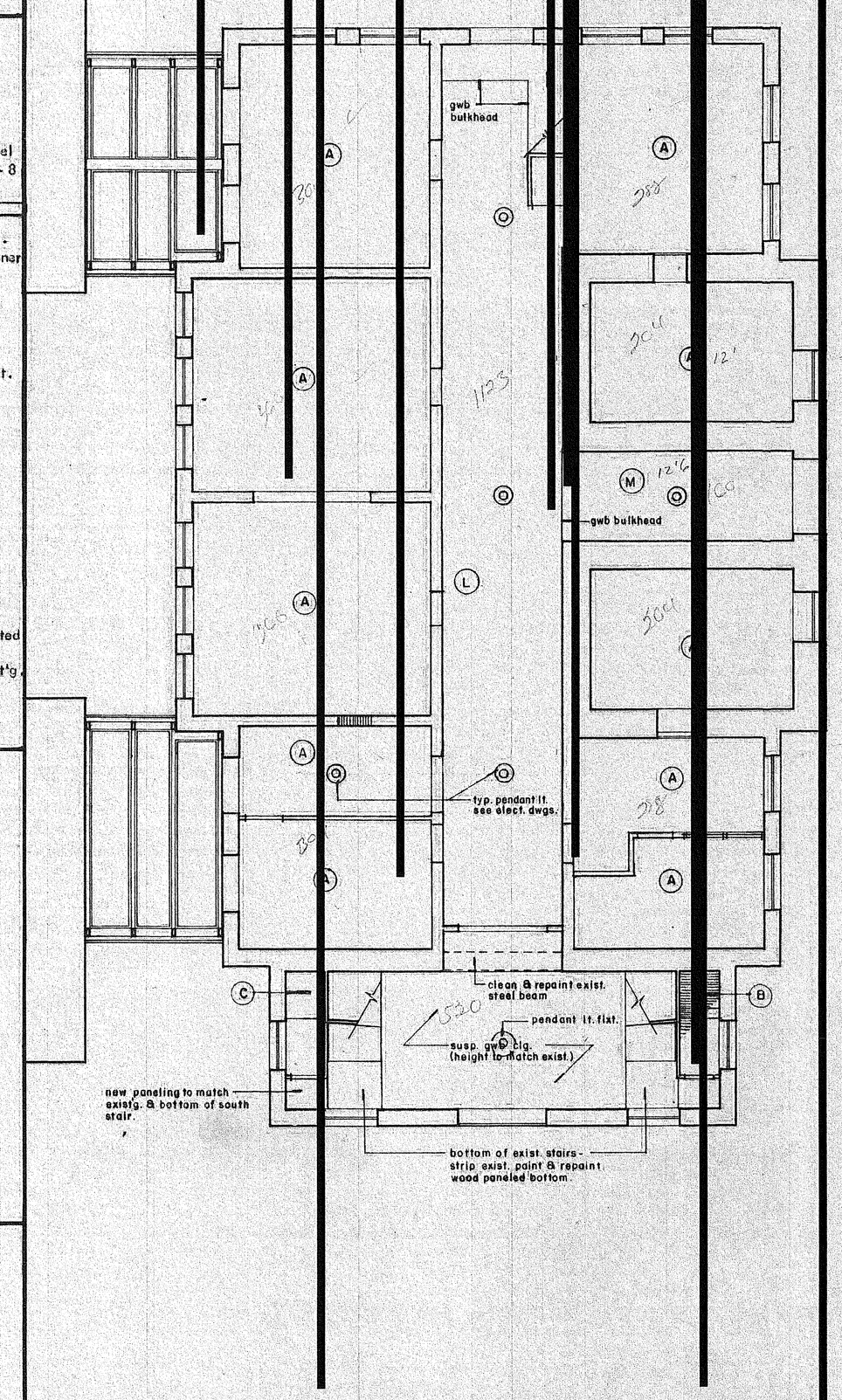
second floor reflected ceiling plan : 1/8"=1'-0



1 section through plaster cove at wall : 1-1/2"=1'-0



2 section through plaster cove at adj. flat clg. : 1-1/2"=1'-0



first floor reflected ceiling plan : 1/8"=1'-0

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND AS SUCH ARE AND SHALL REMAIN THE PROPERTY OF

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ARCHITECTS
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Telephone 919 787-3321
A I A

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BARTHOLOMEW ASSOCIATES, INC. ARCHITECTS REGISTERED NO. 1750 RALEIGH, N.C.

BARTHOLOMEW ASSOCIATES, INC. ARCHITECTS CERT. No. 225 RALEIGH, N.C.

DRAWING RELEASE & REVISIONS

DATE	DESCRIPTION	REV.

phase II
carteret county courthouse
interior renovations
beaufort, north carolina

DRAWING NUMBER

A-2

GRILLE, REGISTER, & DIFFUSER SCHEDULE

MARK	PURPOSE	CFM	NECK SIZE	MANUFACTURER	MODEL	REMARKS
A	SUPPLY	150	6"ø	TUTTLE & BAILEY	[illegible]00	STEEL WHITE
B	SUPPLY	200–250	8"ø	TUTTLE & BAILEY	[illegible]00	STEEL WHITE
C	SUPPLY	300	10"ø	TUTTLE & BAILEY	[illegible]00	STEEL WHITE
D	RETURN	–	22" x 22"	TUTTLE & BAILEY	C[illegible] 500	1/2" ALUMINUM EGG CRATE

DUAL DUCT MIXING BOX SCHEDULE

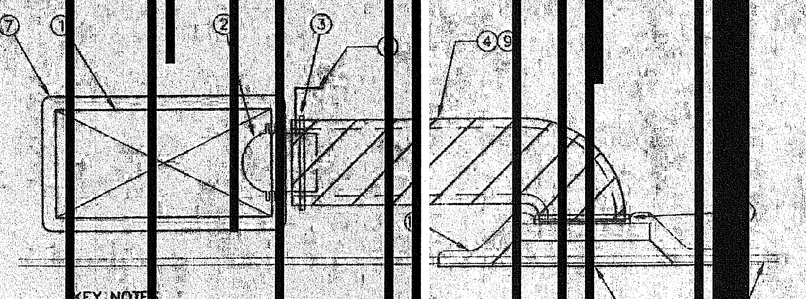
MARK	NOMINAL SIZE	COOLING CFM	INLET SIZE	AREA SERVED	NOTES
MB-1	[illegible]00	400		OFFICES	EXIST. TYPE D
MB-2	[illegible]00	200		OFFICES	EXIST. TYPE C
MB-3	[illegible]00	450		OFFICES	EXIST. TYPE E
MB-4	1[illegible]00	800		WORK AREA	EXIST. TYPE H
MB-5	[illegible]00	200		LOBBY	EXIST. TYPE D
MB-6	[illegible]00	600		OFFICES	EXIST. TYPE G
MB-7	[illegible]2	1800		COURTROOM SEATING AREA	NEW TUTTLE & BAILEY
MB-8	[illegible]00	500		COURTROOM SEATING AREA	EXIST. TYPE E
MB-9	[illegible]00	600		JURY BOX	EXIST. TYPE F
MB-10	[illegible]0	1500		COURTROOM	NEW TUTTLE & BAILEY
MB-11	[illegible]00	400		OFFICES	EXIST. TYPE D
MB-12	[illegible]00	200		CLERK'S AREA	EXIST. TYPE D
MB-13	[illegible]00	150		JUDGE'S BENCH	EXIST. TYPE B
MB-14	[illegible]00	750		JURY DELIBERATION	EXIST. TYPE G
MB-15	[illegible]00	400		JUDGE'S CHAMBERS	EXIST. TYPE D

GENERAL NOTES

1. ALL DUCTWORK SHALL BE FABRICATED & INSTALLED PER SMACNA STANDARDS.
2. DUCTWORK SHALL BE WRAPPED WITH 2" THICK FIBERGLASS FOIL-BACK INSULATION.
3. MAXIMUM RUN OF FLEX DUCT SHALL BE 10'.
4. LOCATE MIXING BOXES TO ALLOW FOR SERVICE ACCESS FROM LAY-IN CEILING.
5. PROVIDE SPIN-IN STARTING COLLARS WITH MANUAL BALANCING DAMPERS FOR ALL ROUND BRANCH DUCT TAKE-OFFS (PRIMARY & SECONDARY DUCTS).

SYMBOL LEGEND

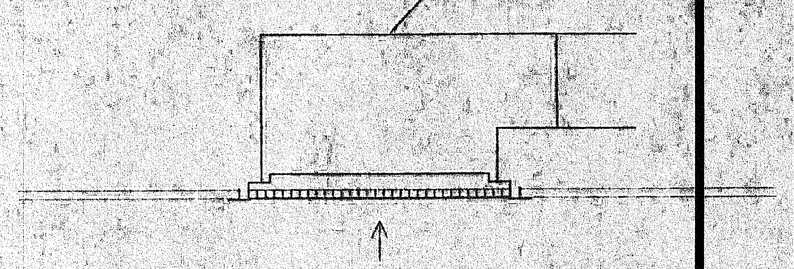
	SUPPLY DIFFUSER
	RETURN GRILLE
	CEILING MOUNTED EXHAUST FAN OR GRILLE AS NOTED
	NEW THERMOSTAT
	EXISTING PRIMARY COLD AIR TRUNK DUCT
	EXISTING PRIMARY HOT AIR TRUNK DUCT
	NEW SECONDARY AIR DUCT



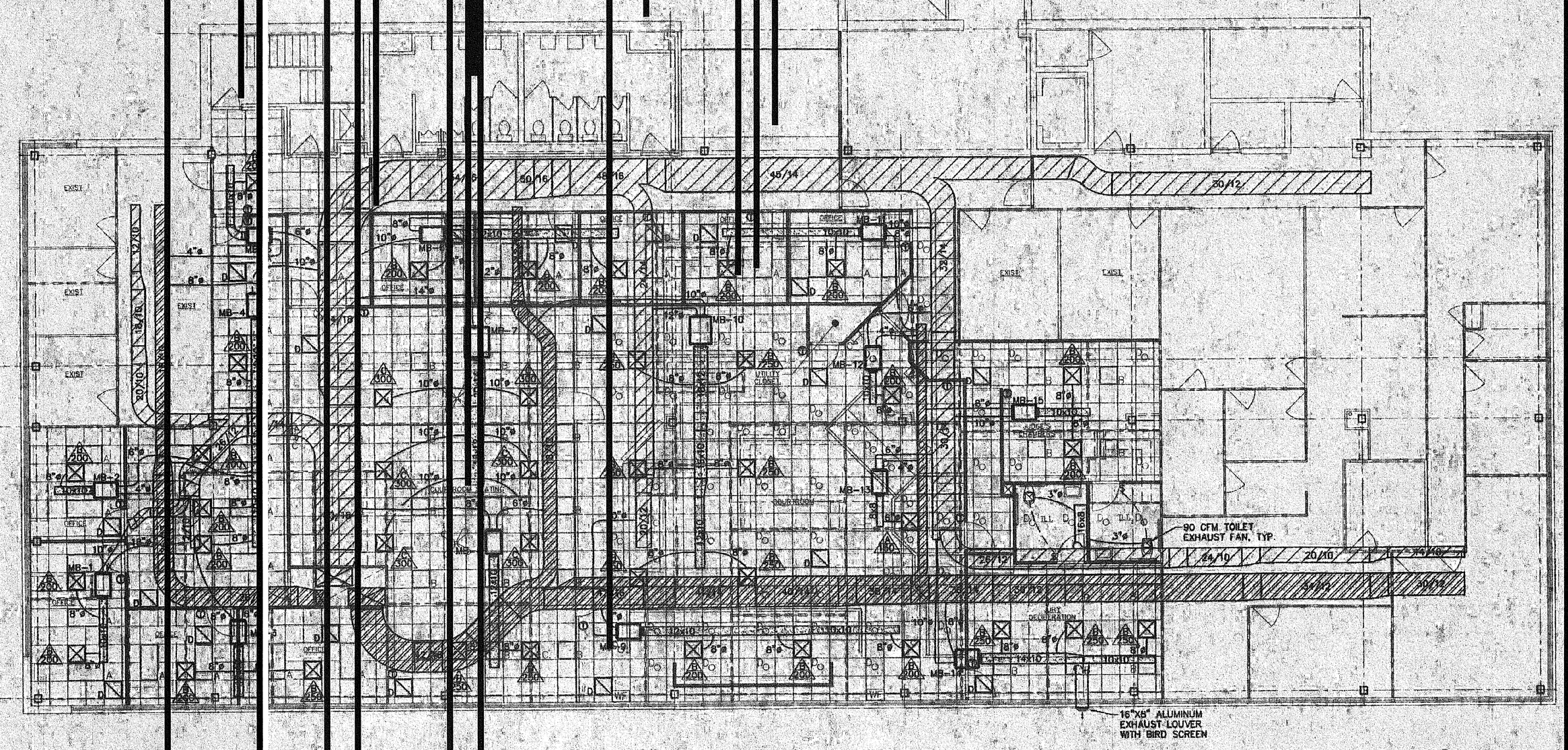
KEY NOTES:

1. RECTANGULAR STEEL SUPPLY OR RETURN DUCT.
2. EXTRACTOR SPIN COLLAR WITH VOLUME DAMPER.
3. NYLON TIES ON BOTH ENDS OF FLEX DUCT.
4. INSULATED FLEX DUCT.
5. CEILING.
6. GRILLE OR DIFFUSER.
7. INSULATION.
8. LEVER EXPOSED ABOVE INSULATION.
9. ALL FLEXIBLE DUCTWORK SHALL BE INSTALLED WITHOUT KINKS AND SUPPORTED SO AS TO NOT HAVE ANY SAGS.
10. INSULATE ALL EXPOSED METAL ON TOP OF GRILLE OR DIFFUSER.

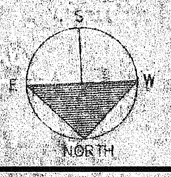
SUPPLY DIFFUSER DETAIL



LAY-IN CEILING RETURN AIR GRILLE DETAIL



1 / M-1 HVAC PLAN
SCALE: 1/8"=1'-0"



241 Commerce Avenue, Suite 11A
Morehead City, North Carolina 28557
Tele/fax: 252-240-0172 Fax: 252-247-6674
Timothy Adam EDA pa
Architects • Engineers • Planners
Raleigh
Greenville
Jacksonville
Morehead City

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CARTERET CO. ADMIN. BLDG
SUPERIOR COURTHOUSE RENOVATION
BEAUFORT, NORTH CAROLINA

ISSUED: 31 OCT. 05
DWG BY: CD
CKD BY: JMH
REVISIONS

SHEET NO.
M-1

Preliminary Planning
North Carolina Department of Insurance
Building Project Data Sheet

Name of Project: CARTERET CO. ADMIN. BLDG. SUPERIOR COURTHOUSE RENOVATION
Address: Courthouse Square, Beaufort NC
Proposed Use: -
Owner or Authorized Agent: Bill Zalet, County Engineer Phone # 252-728-8406
Owned By: ☒ City/County ☐ Private ☐ State
Code Enforcement Jurisdiction: ☐ City - ☐ County

LEAD DESIGN PROFESSIONAL: -

	FIRM	NAME	LICENSE #	TELEPHONE #
DESIGNER	EDA	LEE D. DIXON	6419	252-247-2127
Architectural		-	-	-
Civil	EDA	JOEL HOBBY	7911	252-247-2127
Electrical				
Fire Alarm				
Plumbing	EDA	JOEL HOBBY	7911	252-247-2127
Mechanical	EDA	JOEL HOBBY	7911	252-247-2127
Sprinkler-Standpipe				
Structural				
Retaining Walls >5' High				
Other				

YEAR EDITION OF CODE: 2002 EDITION NC BUILDING CODE
☐ New Construction ☒ Renovation (Existing Bldg) ☐ Upfit ☐ Alteration

BUILDING DATA
Construction Type: ☐ I-A ☐ I-B ☐ II-A ☒ II-B ☐ III-A ☐ III-B
☐ IV ☐ V-A ☐ V-B
Mixed Construction: ☐ No ☐ Yes Types
Sprinklers: ☒ No ☐ Yes ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D (Per 903.2.1.3)
Standpipes: ☒ No ☐ Yes Class ☐ I ☐ II ☐ III ☐ Wet ☐ Dry
Fire District: ☒ No ☐ Yes
Building Height: Feet 2 Number of Stories ☐ Unlimited per
Mezzanine: ☐ No ☐ Yes
High Rise: ☐ No ☐ Yes Central Reference Sheet # (if provided)
Gross Building Area:

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
6th Floor			
5th Floor			
4th Floor			
3rd Floor			
2nd Floor	12,552		
Mezzanine			
1st Floor	12,622		
Basement			
Total	25,174		

ALLOW[redacted]BLE AREA

[redacted] Occupancy: ☒ A[redacted]ssembly ☐ A-1 ☐ A-2 ☒ A-3 ☐ A-4 ☐ A-5
☐ Business ☐ E[redacted]ducational ☐ Fac[redacted]tory-Industrial ☐ F-1 ☐ F-2
☐ High-Hazard ☐ H[redacted] ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
☐ Institutional ☐ I-[redacted] ☐ I-2 ☐ I-3 ☐ I-4
I-3 U[redacted] Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ Mercantile ☐ R[redacted]esidential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
☐ Storage ☐ S[redacted] ☐ S-2 ☐ High-pil[redacted]
☐ Utility and Miscellaneous Parking Garage ☐ Open ☐ Enclosed ☐ Repair
S[redacted]ary Occupancy: B[redacted]SINESS
S[redacted]cial Occupancy: ☐ 50[redacted]2 ☐ 508.3 ☐ 508.4 ☐ 508.5 ☐ 508.6 ☐ 5[redacted]7 ☐ 508.8
M[redacted]ed Occupancy: ☐ N[redacted] ☒ Yes Separation: [redacted] Exception: [redacted]
☒ Non-Separ[redacted]ted Mix[redacted]ed Occupancy (303.[redacted] Exception)
The requir[redacted] type of construction for the building shall be dete[redacted] by applying [redacted] height and area limitations [redacted] of the applicable occupancies to the entire b[redacted]ing. The most r[redacted]tive type of construction, so determined, shall apply [redacted] the entire building.
☐ Separated [redacted] Mixed Occupancy (303.1/303[redacted]) - See below for area [redacted]lations
For each s[redacted]ory, the area of the occupanc[redacted] shall be such that the [redacted] of the ratios of [redacted] actual floor area of each use divided [redacted] by the allowable floor area for each use shall [redacted] exceed 1.

Actual Area of Occupancy A / Allowable Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy B ≤ 1

___ + ___ + ... = ___ ≤ 1.00

STORY	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 503[5] AREA	(C) AREA FOR OPEN SPACE INCREASE[1]	(D) AREA FOR SPRINKLER INCREASE	(E) ALLOWABLE AREA OR UNLIMITED[3]	(F) MAXIMUM BUILDING AREA[4]	(G) RATIO ACTUAL/ ALLOWABLE
2	A-3	3,906	9500	3,705	—	13,205	13,205	.29
2	B	8,646	23,000	—	—	23,000	46,000	.5
1	B	12,722	9500	3,705	—	13,205	13,205	.29

1 Open space area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = 254 (F)
b. Total Building Perimeter = 364 (P)
c. Ratio (F/P) = .64 (F/P)
d. W = Minimum width of public way = 30 (W)
e. Percent of frontage increase I_f = 100 [F/P-0.25] x W/30 = 39 %
2 The sprinkler increase per Section 506.3 is as follows:
a. Multi-story building I_s = 200 percent
b. Single story building I_s = 300 percent
3 Unlimited area applicable under conditions of Sections Group B, F, M, S, [redacted] 507.1, 507.2, 507.3, 507.5); Group A motion picture (507.8); Malls (402.6); and H-2 aircraft paint hangars (507.6).
4 Maximum Building Area = total number of stories in the building x E but not greater than 3 x E
5 The maximum area of parking garages must comply with 406.3.5. The maximum area of traffic control towers must comply with 412.1.1

ALLOWABLE HEIGHT

ASSEMBLY	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Type II B		Type II B	503
Building Height in Feet	Feet 55	Feet = H + 20' =	33'	503
Building Height in Stories	Stories 2	Stories + 1 =	Stories 2	503

FIRE PROTECTION REQUIREMENTS

Life Safety Plan Sheet #, if Provided G-1

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ ___ * REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural frame, including columns, girders, trusses							
Bearing Walls		N/A					
Exterior							
North							
East							
West							
South							
Interior							
Nonbearing walls and partitions							
Exterior							
North	+30	0	0				
East	+30	0	0				
West	+30	0	0				
South	10>30	0	0				
Interior		NC	NC				
Floor construction Including supporting beams and joists		0	0				
Roof construction Including supporting beams and joists		0	0				
Shafts - Exit		1	1				
Shafts - Other		1	1				
① Corridor Separation		1	1				
② Occupancy Separation		0	0				
Party/Fire Wall Separation		2	2				
Smoke Barrier Separation		N/A					
Tenant Separation		N/A					

* Indicate section number permitting reduction

LIFE SAFETY SYSTEM REQUIREM[redacted]TS

Emergency Lig[redacted]ting:	☐ No	☒ Yes	1003.2.11
Exit Signs:	☐ No	☒ Yes	1003.2.10[redacted]
Fire Alarm:	☒ No	☐ Yes	907.2.1
Smoke Detection Systems:	☒ No	☐ Yes	907.2.10
Panic Hardwar[redacted]	☐ No	☒ Yes	1003.3.1.9

EXIT REQUIREMENTS

NUMBER AND ARRANGEMENT OF E[redacted]ITS

FLOOR, ROOM OR SPACE DESIGNATION	MINIMUM[2] NUMBER OF EXITS REQUIRED	SHOWN ON PLANS	TRAVEL DISTANCE: ALLOWABLE TRAVEL DISTANCE (TABLE 1004.2.4)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	ARRANGEMENT MEANS OF EGRESS[1,3] (SECTION 1004.1): REQUIRED DISTANCE BETWEEN EXIT DOORS	ACTUAL DISTANCE SHOWN ON PLANS
A 3	2	3	200	80	33	44

1 [redacted]orridor dead ends (Section 1004.3.2.3)
2 [redacted]ing exits (Table 10[redacted]5.2.2)
3 Common Path of Travel (Section 1004.2.5)

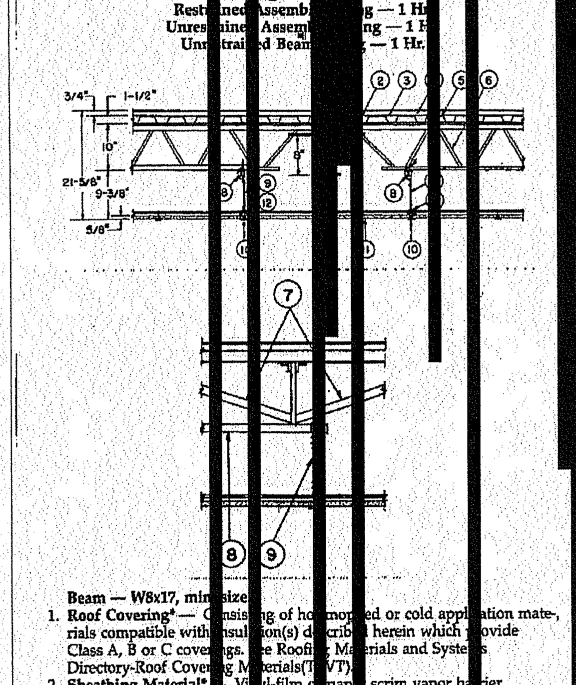
EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	(a) AREA[1] sq. ft.	(b) AREA[1] PER OCCUPANT (TABLE 1003.2.2.2)	(c) EGRESS WIDTH PER OCCUPANT (TABLE 1003.2.3) STAIR	LEVEL	REQUIRED WIDTH (SECTION 1003.2.3) (a ÷ b) x c STAIR	LEVEL	ACTUAL WIDTH SHOWN ON PLANS STAIR	LEVEL
ASSEMBLY	3906	18' FIXED 4 40 NET	.3	.2	56	38	84	96

1 See Table 1003.2.2.2 to determine whether net or gross area is applicable. See definition "Area, Gross" and "Area, Net" (Section 1002)
2 Minimum stairway width (Section 1003.3.3); min. corridor width (Section 1004.[redacted]2.2); min. door width (Section 1003.3.1)
3 Minimum width of exit passageway (Section 1005.3.3)
4 See Section 1003.2.2.7 for converging exits.
5 The loss of one means of egress shall not reduce the available capacity to less than 50 percent of the total required (Section 1003.2.[redacted])
6 Assembly occupancies (Section 1008)

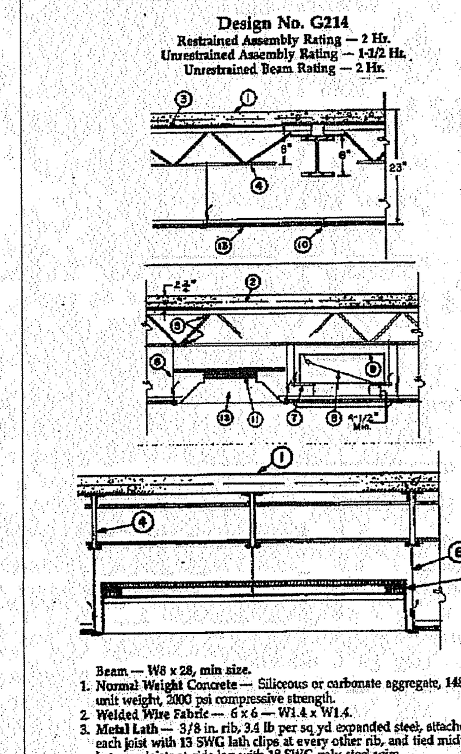
① 1 HOUR CORRIDOR REQ'D FROM ASSEMBLY TO EGRESS TO TWO FIRE STAIRS/MEANS OF EGRESS. SEE 1/G-1.
② 302.3.2 NON SEPERATED USES.

Fire Resistance Ratings - ANSI/UL 263 (BXUV)—Continued
Design No. P201
Restrained Assembly Rating — 1 Hr.
Unrestrained Assembly Rating — 1 Hr.
Unrestrained Beam Rating — 1 Hr.



4/G-1 ROOF/CLG. ASSEMBLY UL P201 DETAIL
NOT TO SCALE

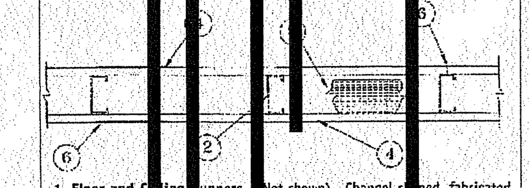
FIRE RESISTANCE DIRECTORY (BXRH)
Fire Resistance Ratings - ANSI/UL 263 (BXUV)—Continued
Design No. G214
Restrained Assembly Rating — 2 Hr.
Unrestrained Assembly Rating — 1-1/2 Hr.
Unrestrained Beam Rating — 2 Hr.



*Bearing the UL Classification Marking

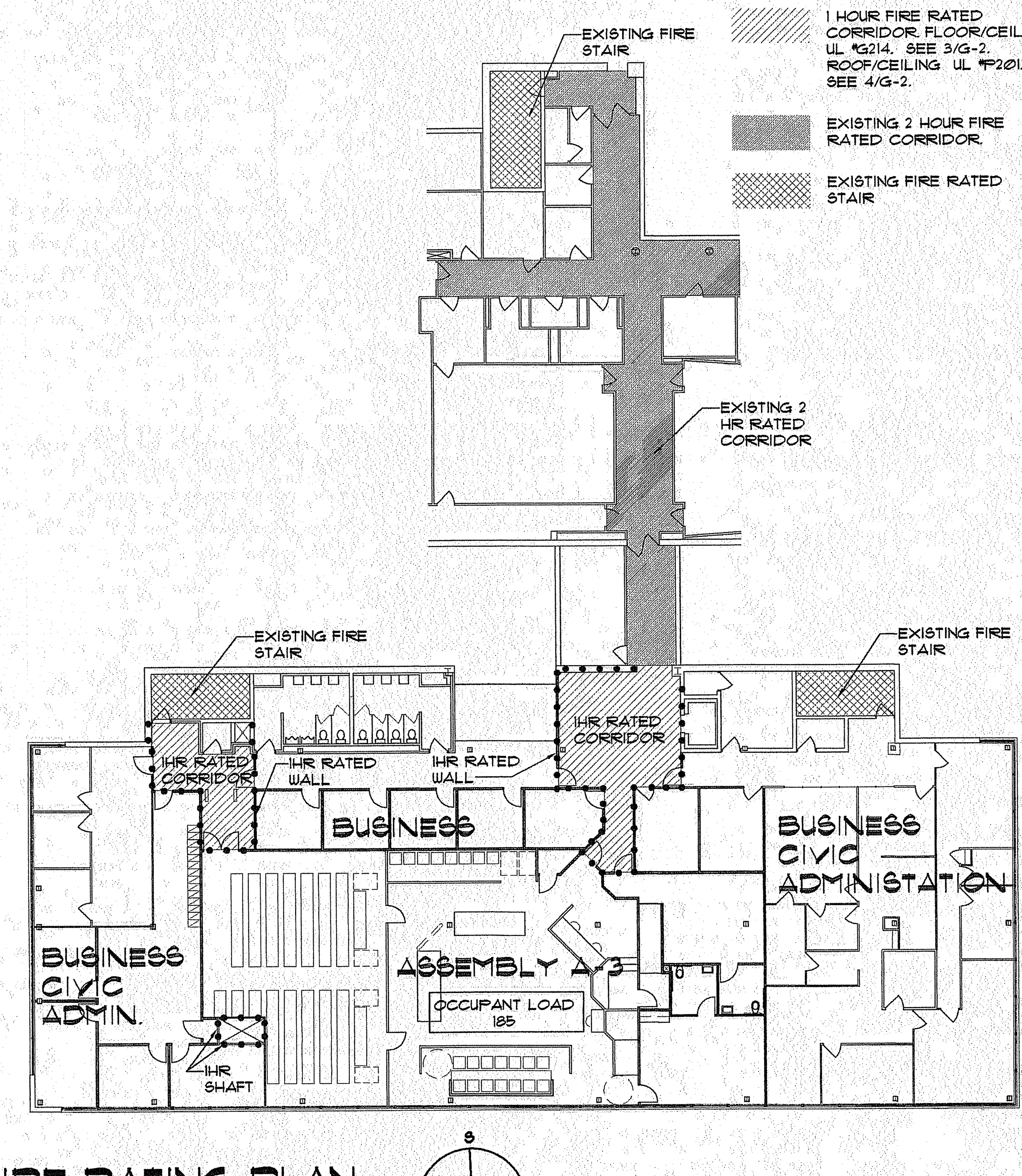
3/G-1 FLOOR/CLG. ASSEMBLY UL G214 DETAIL
NOT TO SCALE

Design No. U432
Bearing Wall Rating — Hr (See Item 2)
Nonbearing Wall Rating — 1 Hr (See Item)



2/G-1 UL U432 DETAIL
NOT TO SCALE

1 HOUR FIRE RATED WALL. UL #U432. SEE 2/G-2.
1 HOUR FIRE RATED CORRIDOR. FLOOR/CEILING UL #G214. SEE 3/G-2. ROOF/CEILING UL #P201. SEE 4/G-2.
EXISTING 2 HOUR FIRE RATED CORRIDOR.
EXISTING FIRE RATED STAIR



1/G-1 FIRE RATING PLAN
NOT TO SCALE

301 Commerce Avenue, Suite 102
Morehead City, North Carolina 28557
Telephone: 252.247.2127 Fax: 252.247.0674
Email: edam@EDApa.com
EDA pa
Architects ☐ Engineers ☐ Planners
Raleigh
Greenville
Jacksonville
Morehead City

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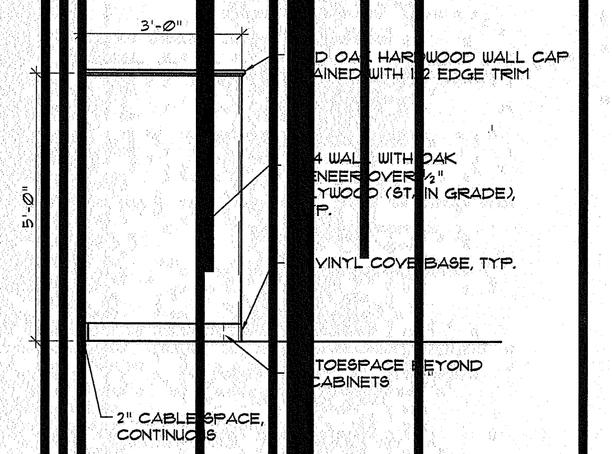
EDApa, north carolina REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 51366 RALEIGH
NORTH CAROLINA MOREHEAD CITY
LEE D. DIXON JR. 6419
6/17/05

CARTERET CO. ADMIN. BLDG.
SUPERIOR COURTHOUSE RENOVATION
BEAUFORT, NORTH CAROLINA

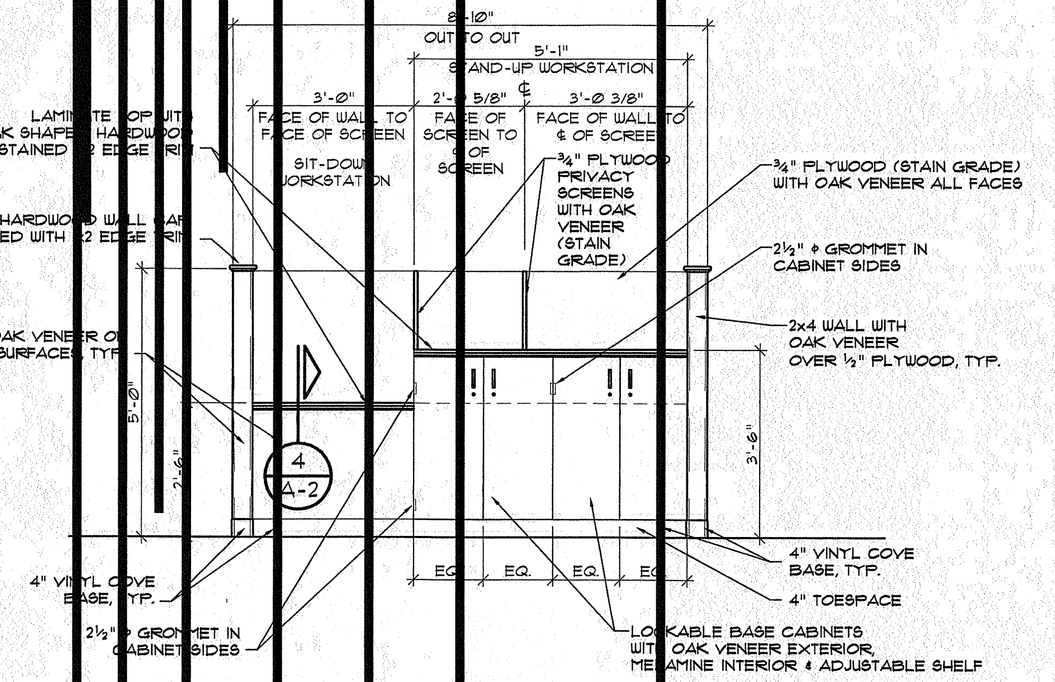
GENERAL DATA

2004421
ISSUED: 07 APRIL 05
DWG BY: NMH,MLR
CKD BY: LDD,RMB
REVISIONS
04 MAR 05

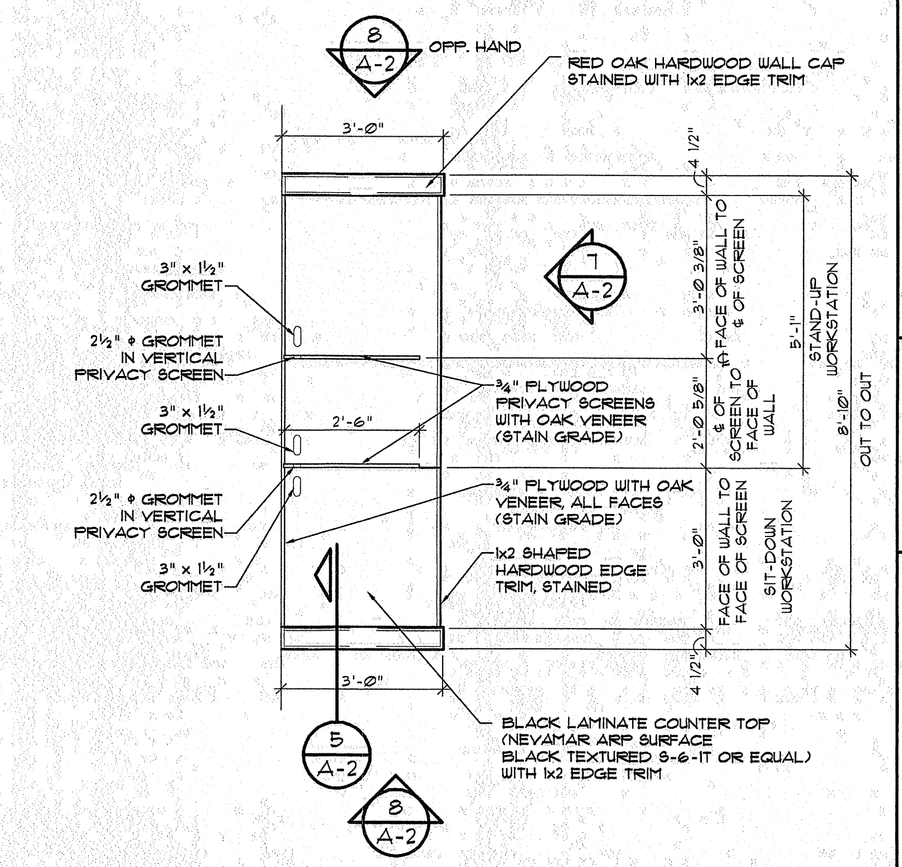
SHEET NO.
G-1
OF



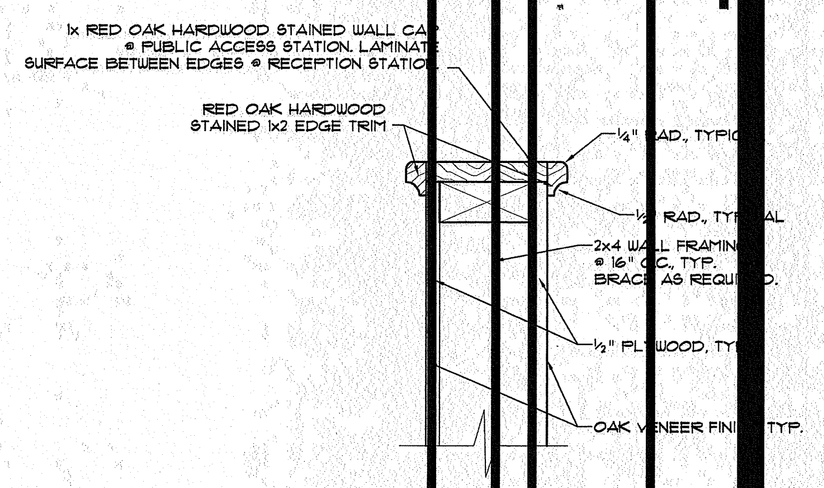
PUBLIC ACCESS STATION ELEVATION
8 A-2 SCALE: ½"=1'-0"



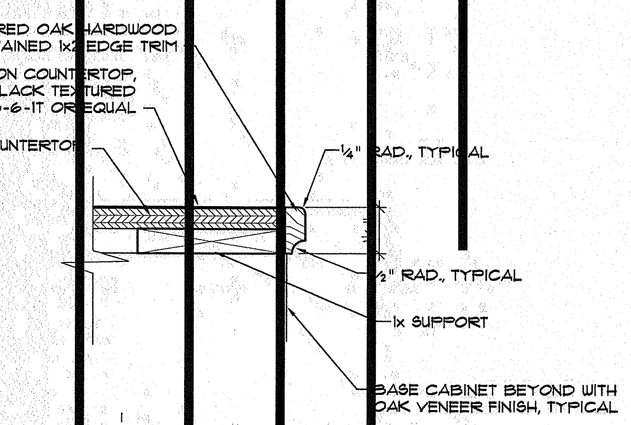
PUBLIC ACCESS STATION ELEVATION
7 A-2 SCALE: ½"=1'-0"



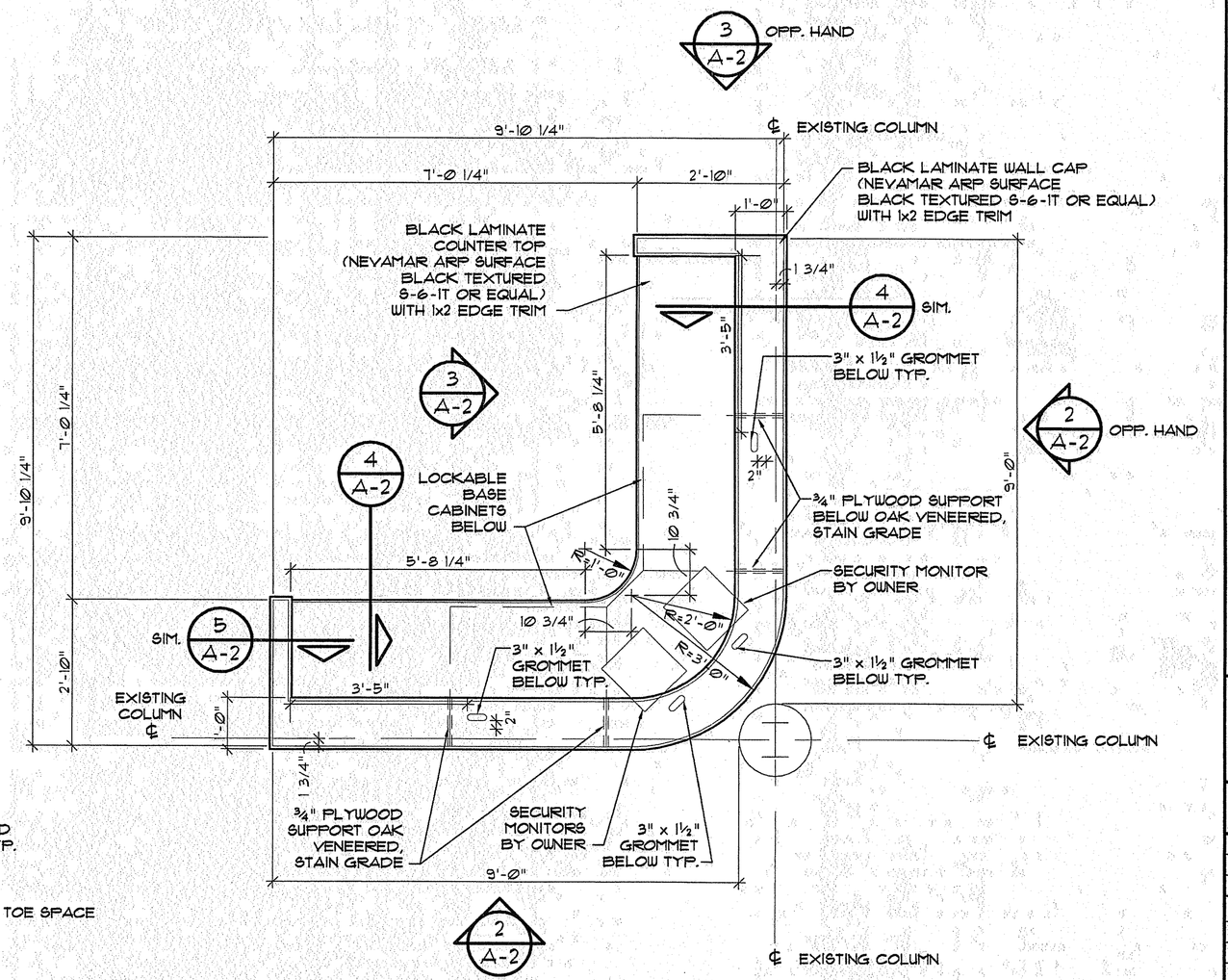
PUBLIC ACCESS STATION PLAN
6 A-2 SCALE: ½"=1'-0"



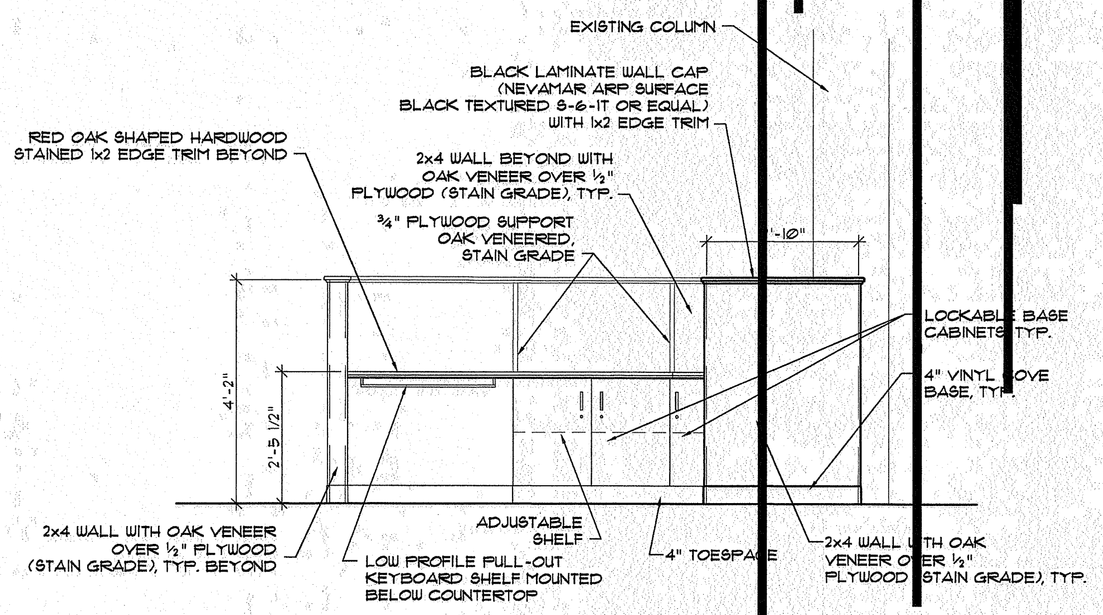
TYPICAL WALL CAP DETAIL
5 A-2 SCALE: 3"=1'-0"



TYPICAL DESK EDGE DETAIL
4 A-2 SCALE: 3"=1'-0"



RECEPTION STATION PLAN
1 A-2 SCALE: ½"=1'-0"



RECEPTION STATION ELEVATION
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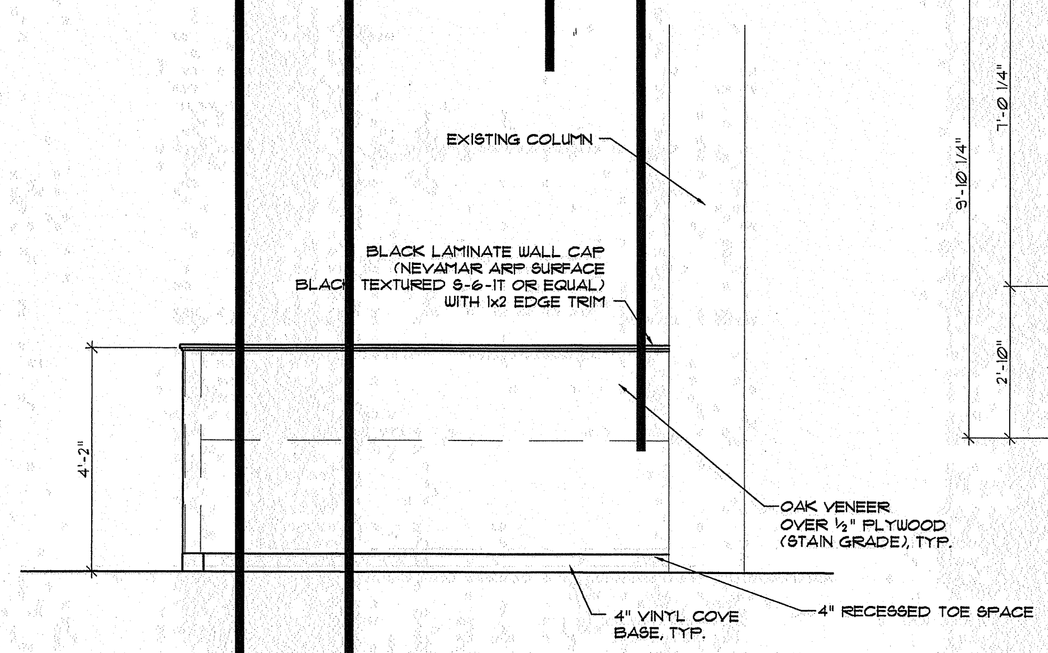

RECEPTION STATION ELEVATION
2 A-2 SCALE: ½"=1'-0"

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Project Manager: RMB
Drawn by: SEB
Designer:

EDA pa

CARTERET CO. ADMIN. BLDG SUPERIOR COURTHOUSE RENOVATION
BEAUFORT, NORTH CAROLINA

RECEPTION AREA RENOVATIONS

2004421

ISSUED:	25 JAN 06
DWG BY:	SEB
CKD BY:	RMB
REVISIONS	

SHEET NO.
A-2
OF

\\CAD\2004\2004421 Cart Co. Courthouse Reno\RECEPT-2.dwg, 12/5/2006 5:28:48 PM

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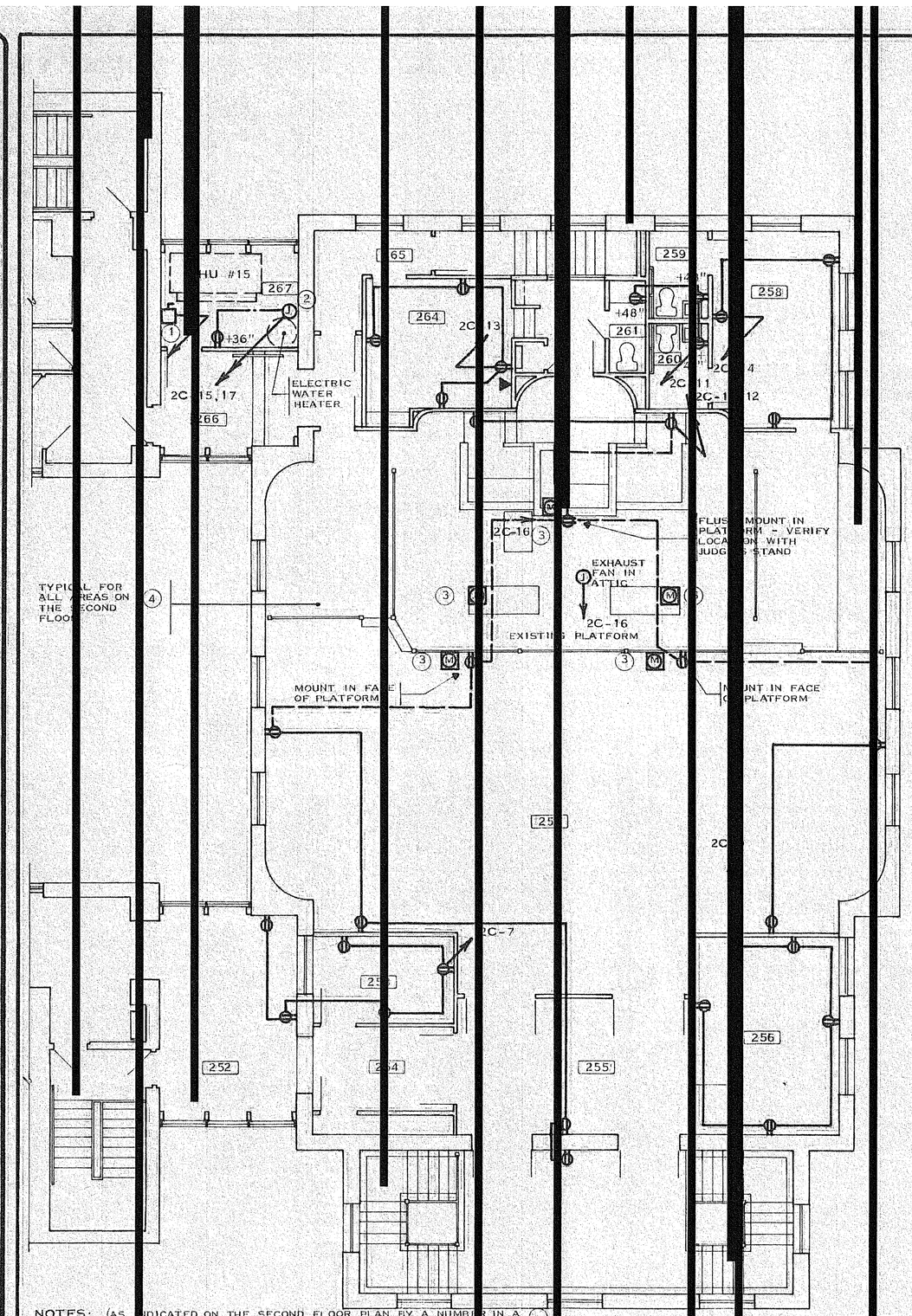
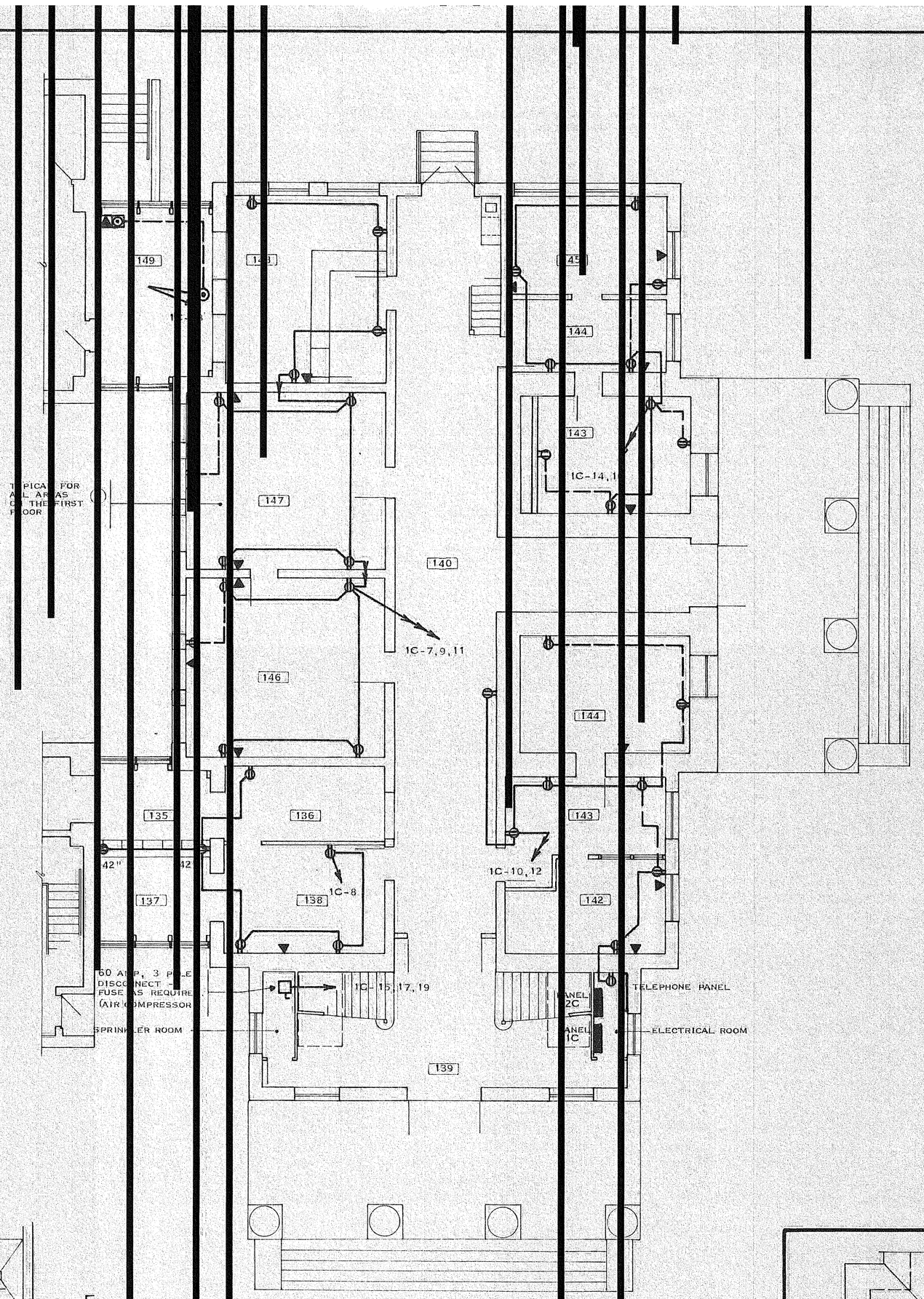


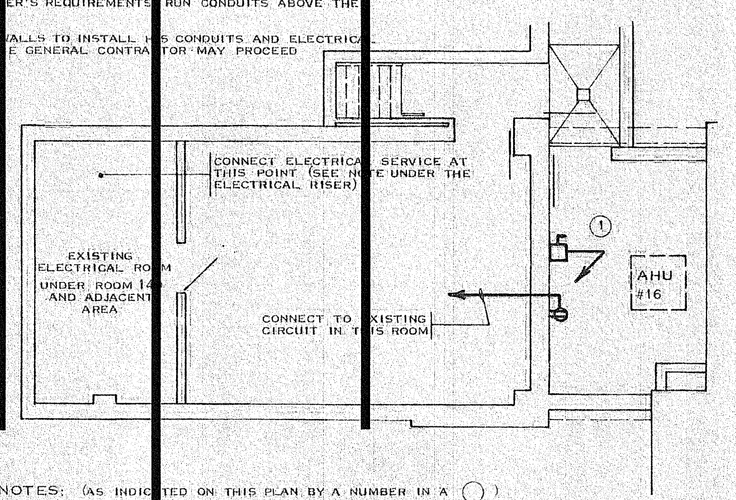
NOTES: (AS INDICATED ON THE SECOND FLOOR PLAN BY A NUMBER IN A ◯)

1. PROVIDE A 100 AMP, 3 POLE, 480 VOLT FUSIBLE DISCONNECT SWITCH AT THE LOCATION SHOWN FOR THE AIR HANDLING UNIT. FUSE AS REQUIRED. PROVIDE A MAIN FEEDER OF 3 #3, 1 #8G IN 1 1/2" CONDUIT. CONNECT TO EXISTING CONDUIT OUTSIDE ROOM 266.
2. PROVIDE A JUNCTION BOX WITH THE CIRCUITS SHOWN. ONE CIRCUIT SHALL BE FOR THE ELECTRIC WATER HEATER, AND THE OTHER CIRCUIT SHALL FEED THE HEAT TAPE AND RECEPTACLE.
3. PROVIDE THE MICROPHONE OUTLETS SPECIFIED WITH FINISH FLOOR STAND MICROPHONES. STAND TO BE RAULAND #112-C WITH 12" GOOSENECK AND #1276 MICROPHONE. CIRCUIT TO THE PA CABINET IN ROOM 133 IN THE NEW ADDITION. ALL WIRING AND CONDUIT SHALL BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS. RUN CONDUITS ABOVE THE CEILING AROUND THE CORRIDORS OUTSIDE ROOM 266.
4. THE ELECTRICAL CONTRACTOR SHALL CUT AND PATCH ALL EXISTING WALLS TO INSTALL HIS CONDUITS AND ELECTRICAL DEVICES. WALL SURFACES SHALL BE FINISHED TO A POINT WHERE THE GENERAL CONTRACTOR MAY PROCEED WITH PAINTING AND FINISHING OF THE SURFACES.

SECOND FLOOR



FIRST FLOOR



NOTES: (AS INDICATED ON THIS PLAN BY A NUMBER IN A ◯)

1. PROVIDE A 100 AMP, 3 POLE, 480 VOLT FUSIBLE DISCONNECT SWITCH AT THE LOCATION SHOWN FOR THE AIR HANDLING UNITS. FUSE AS REQUIRED. PROVIDE A MAIN FEEDER OF 3 #3, 1 #8G IN 1 1/2" CONDUIT. CONNECT TO EXISTING CONDUIT IN ROOM B03.

BASEMENT

LIGHTS - JUDGE/JURY	1	2	LIGHTS - COURTROOM
LIGHTS - JURY/HALL	3	4	LIGHTS - COURTROOM
LIGHTS - CONFERENCE/LOBBY	5	6	LIGHTS - COURTROOM
RECEPTACLE - OFFICE	7	8	LIGHTS - COURTROOM
RECEPTACLE - JURY	9	10	RECEPTACLE - COURTROOM
RECEPTACLE - TOILETS *	11	12	RECEPTACLE - COURTROOM
RECEPTACLE - JUDGE	13	14	RECEPTACLE - JURY
JUNCTION BOX - HOT WATER HTR.	15	16	EXHAUST FAN IN ATTIC
JUNCTION BOX - ELEC. TRACE	17	18	SPARE
SPARE	19	20	SPARE
SPACE	21	22	SPACE
SPACE	23	24	SPACE
SPACE	25	26	SPACE
SPACE	27	28	SPACE
SPACE	29	30	SPACE

PANEL 2C

120/208 VOLT, 3 PHASE, 4 WIRE
SURFACE MOUNTED WITH 70 AMP MAIN LUGS ONLY
SQUARE D COMPANY MODEL NQOB, OR APPROVED EQUAL
ALL CIRCUIT BREAKERS SHALL BE 20 AMP UNLESS OTHERWISE NOTED

* GFI CIRCUIT BREAKER

LIGHTS - CANOPY	1	2	LIGHTS - OFFICE
LIGHTS - OFFICE	3	4	LIGHTS - OFFICE
LIGHTS - OFFICE	5	6	LIGHTS - OFFICE AND HALL
RECEPTACLE - OFFICE	7	8	RECEPTACLE - OFFICE
RECEPTACLE - OFFICE	9	10	RECEPTACLE - OFFICE
RECEPTACLE - OFFICE	11	12	RECEPTACLE - OFFICE
RECEPTACLE - OFFICE	13	14	RECEPTACLE - OFFICE
AIR COMPRESSOR	15	16	RECEPTACLE - OFFICE
40 AMP, 3 POLE	17	18	PANEL 2C
3#8, 1#12N, 1" CONDUIT	19	20	70 AMP, 3 POLE
SPARE	21	22	3#4, 1#10G, 1#10N, 1 1/2" C.
SPARE	23	24	SPARE
SPACE	25	26	SPACE
SPACE	27	28	SPACE
SPACE	29	30	SPACE

PANEL 1C

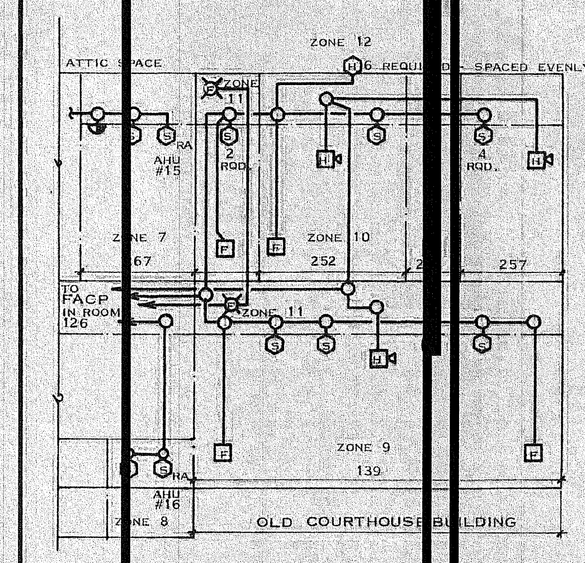
120/208 VOLT, 3 PHASE, 4 WIRE
SURFACE MOUNTED WITH 100 AMP MAIN BREAKER
ALL CIRCUIT BREAKERS SHALL BE 20 AMP UNLESS OTHERWISE NOTED

Power Plan

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

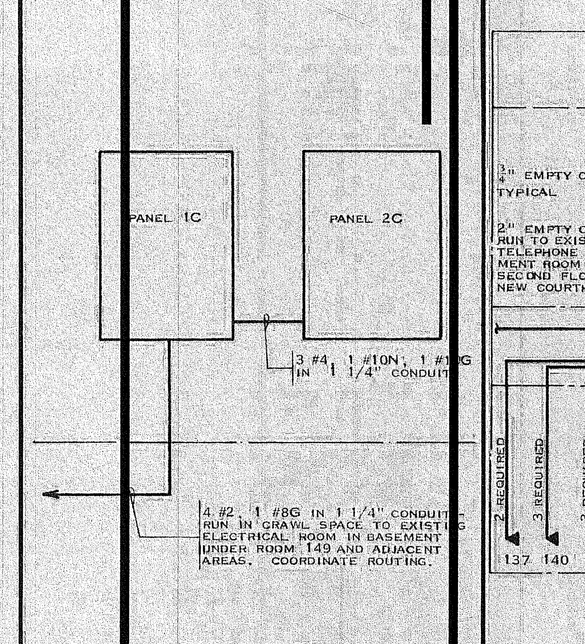
NOTES:

1. ALL CONDUITS SHALL BE SIZED AND PROVIDED PER THE MANUFACTURER'S REQUIREMENTS.
2. ALL NECESSARY WIRING SHALL BE PROVIDED FOR A COMPLETE OPERABLE SYSTEM PER THE MANUFACTURER'S RECOMMENDATIONS.
3. THE CONTRACTOR SHALL COORDINATE THE RISER AND PLAN FOR TOTAL NUMBER OF DEVICES REQUIRED.
4. ALL ZONES INDICATED SHALL BE CONNECTED TO THE DISTRICT FIRE ALARM SYSTEM CONTROL PANEL (FACP) IN THE FIRST FLOOR CORRIDOR IN THE NEW COURTHOUSE ADDITION, ROOM 126.



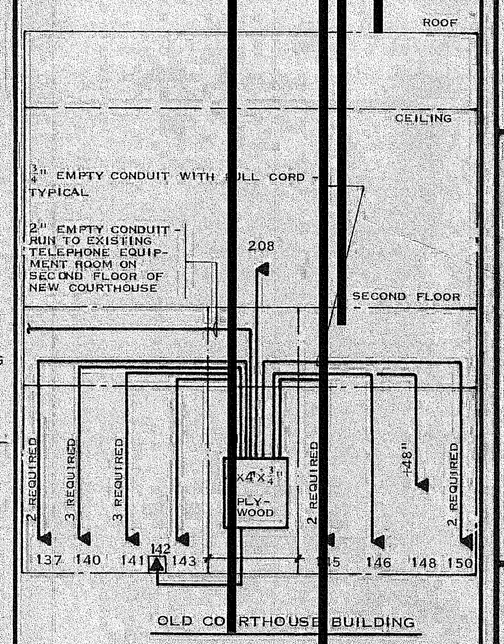
Fire Alarm Riser

NOT TO SCALE



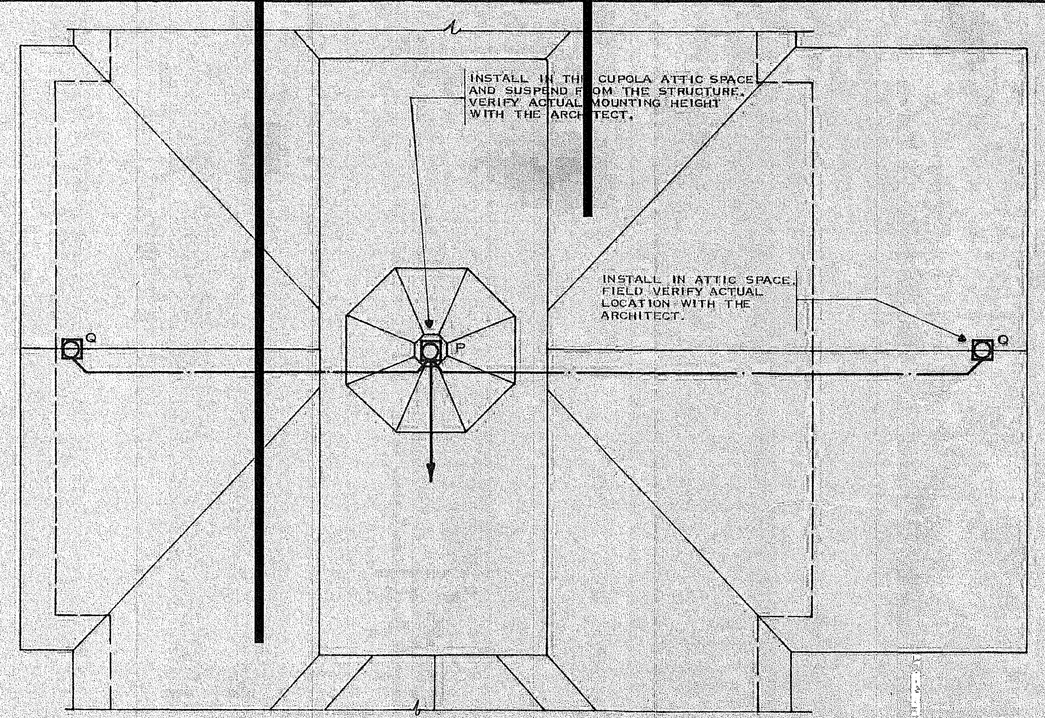
Electrical Riser

NOT TO SCALE



Telephone Riser

NOT TO SCALE



Partial Roof Plan

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

BARTHOLOMEW ASSOCIATES, INC.
ARCHITECTS

Consulting Engineers:
PROGRESSIVE DESIGN

DRAWING RELEASE & REVISIONS		
DATE	DESCRIPTION	REV.

phase

DRAWING

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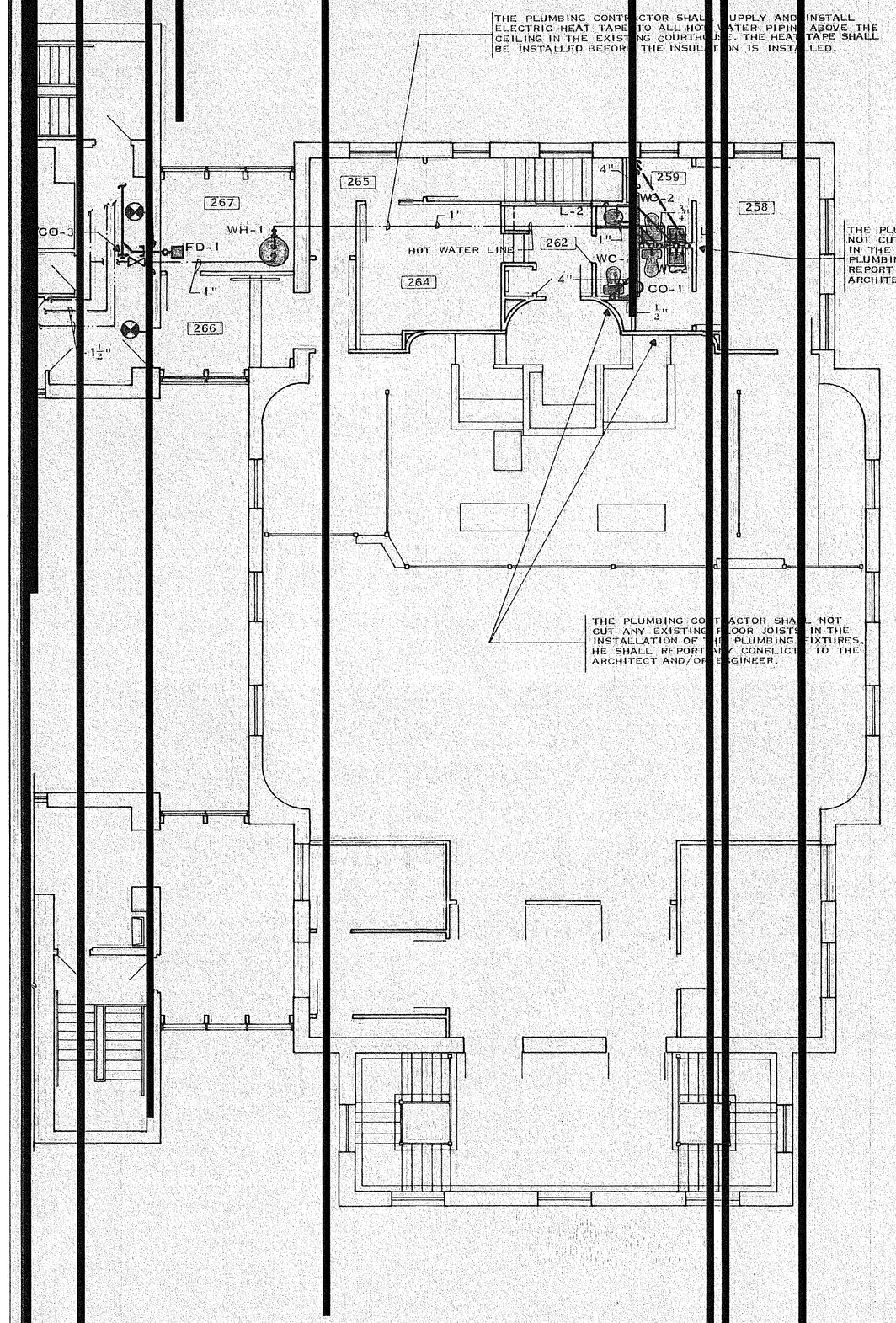
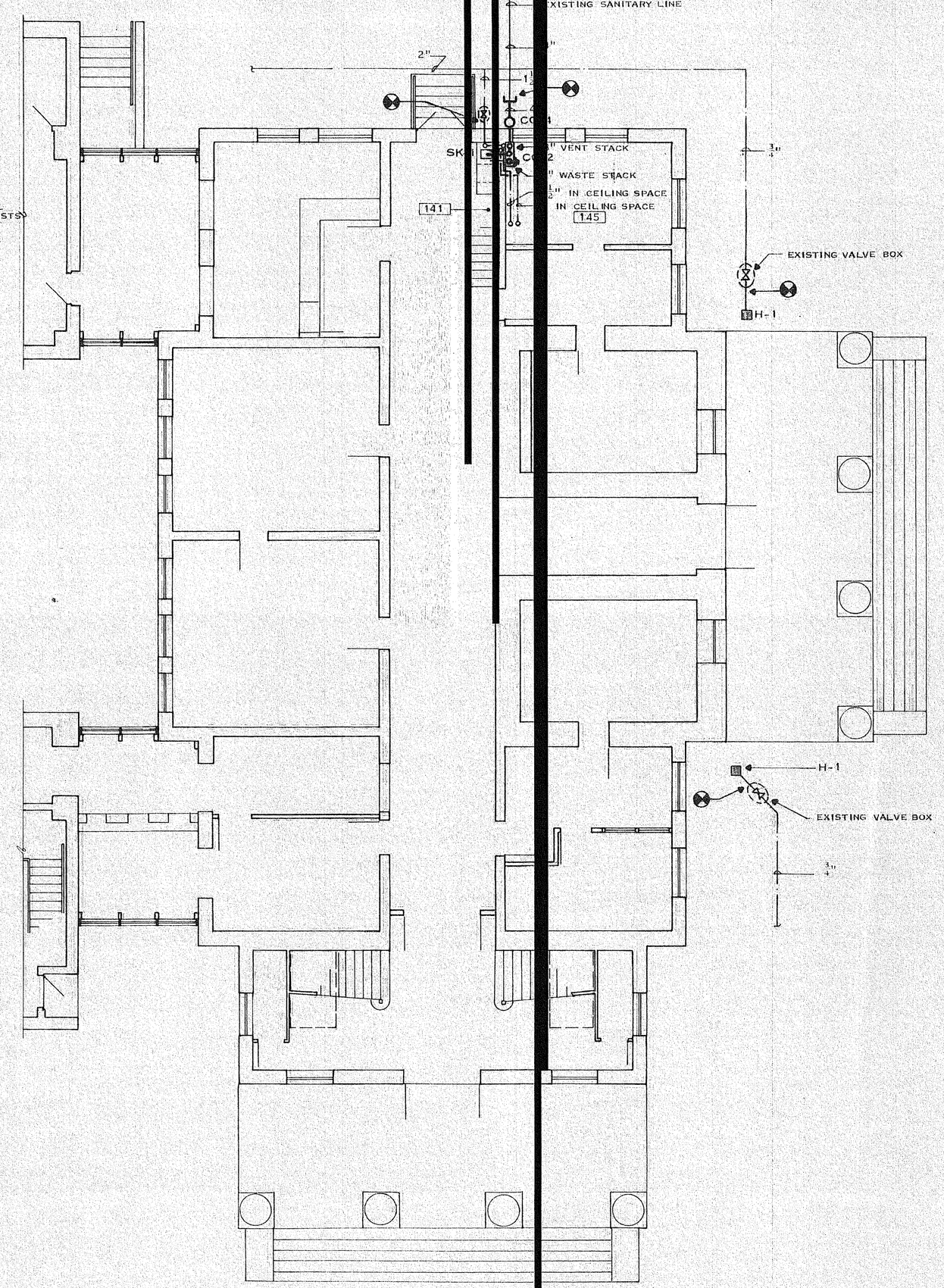


SECOND FLOOR



FIRST FLOOR

Plumbing Plan

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

Symbol Legend

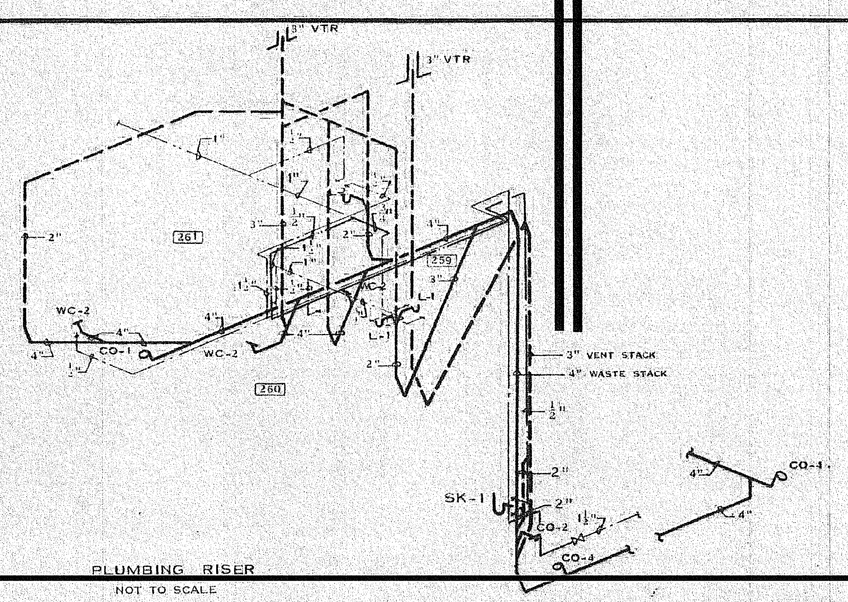
SYMBOL	DESCRIPTION
	WASTE PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	CUT-OFF VALVE
	POINT OF CONNECTION BETWEEN EXISTING AND NEW SYSTEMS

General Notes

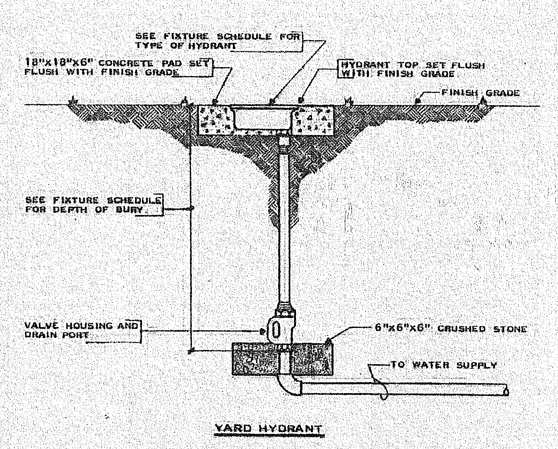
1. EACH CONTRACTOR SHALL PROVIDE AND INSTALL HIS OWN SUPPORT DEVICES. ALL LOCATIONS SHOULD BE COORDINATED WITH THE GENERAL CONTRACTOR AND OTHER PRIME CONTRACTORS PRIOR TO INSTALLATION.
2. THE PLUMBING CONTRACTOR SHALL USE FIRE-RATED SLEEVES IN ALL LOCATIONS WHERE PENETRATIONS OF RATED WALLS AND FLOORS ARE MADE. ALL OPENINGS WILL BE MADE FIREPROOF.
3. THE PLUMBING CONTRACTOR SHALL MAKE A COMPLETE REVIEW OF THE PLUMBING PLANS, SCHEDULES AND DETAILS PRIOR TO INSTALLATION OF THE PLUMBING SYSTEM, AND REPORT ANY CONFLICTS THAT ARE NOTED WITH THE ENGINEER.
4. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL AND CONTROL CONNECTIONS TO THE EQUIPMENT PROVIDED UNDER THIS CONTRACT. REFER TO THE ELECTRICAL PLANS FOR LOCATION OF JUNCTION BOXES, DISCONNECTS AND CIRCUIT BREAKERS (PANELBOARDS). TYPE, SIZE AND NUMBER OF OF CONDUCTORS AND CONDUITS TO EQUIPMENT SHALL BE EQUAL TO THE CONDUCTORS AND CONDUITS PROVIDED BY THE ELECTRICAL CONTRACTOR TO THE JUNCTION BOXES AND DISCONNECT SWITCHES. IN CASE OF PLUMBING EQUIPMENT CONNECTION TO A CIRCUIT BREAKER, THE NUMBER AND SIZE OF THE CONDUCTORS AND CONDUIT SHALL CONFORM TO THE LATEST NATIONAL ELECTRICAL CODE REGULATIONS. ALL MOTOR STARTERS, SWITCHES, CONTROL DEVICES, ETC. PROVIDED BY THIS CONTRACTOR SHALL BE RECESSED IN THE WALLS EXCEPT WHERE THESE ITEMS ARE LOCATED IN THE MECHANICAL ROOMS. PROVIDE A NAMEPLATE FOR ALL EQUIPMENT, SWITCHES, CONTROL DEVICES, ETC. SEE THE GENERAL PROVISION SECTION OF THE SPECIFICATIONS. THE HOT WATER HEATER SHALL COMPLY WITH SECTION 422.14 OF THE NATIONAL ELECTRICAL CODE.
5. ALL PLUMBING FIXTURES SHALL BE NEATLY CAULKED WITH SILICONE CAULKING COMPOUND WHERE THE FIXTURE MEETS THE WALL.
6. THE PLUMBING CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS.
7. WHERE EXISTING LINES, THAT ARE TO BE CONNECTED TO, ARE SHOWN ON THE PLANS, THESE EXISTING LOCATIONS AND CONNECTIONS ARE ASSUMED. DURING THE CONSTRUCTION OF THE PROJECT, THE PLUMBING CONTRACTOR SHALL VERIFY THE LOCATIONS. SHOULD A DIFFERENT METHOD OF PIPING BE REQUIRED THAN THAT SHOWN ON THE PLANS, AN ALTERNATE METHOD SHALL BE COORDINATED WITH THE ENGINEER.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL UNDERGROUND UTILITIES, STORM DRAINS, ETC. WHICH MAY OR MAY NOT BE SHOWN ON THESE PLANS, AND TO AVOID CONFLICT OF HIS INSTALLATION WITH SAME. REPAIR OF DAMAGE TO EXISTING UTILITIES, STORM DRAINS, ETC. SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
9. ALL NEW UNDERGROUND WATER PIPING SHALL BE INSTALLED A MINIMUM OF 24" BELOW FINISH GRADE TO PIPE CROWN.
10. THE PLUMBING CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
11. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING INSTALLATION OF COUNTERTOP SINKS AND LAVATORIES WATERTIGHT.

Fixture Schedule

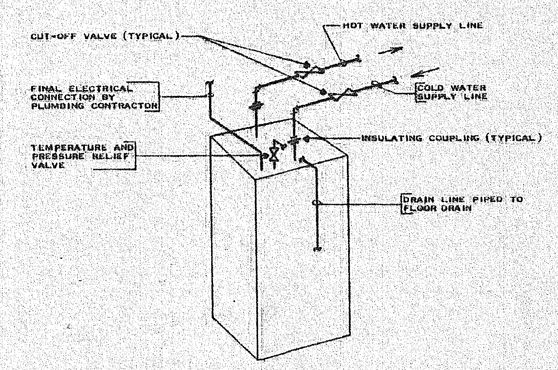
MARK	DESCRIPTION	REMARKS
WC-2	WATER CLOSET KOHLER FLOOR MOUNTED, BOTTOM OUTLET WELLWORTH WATER GUARD MODEL NO. K-3500-EB, VITREOUS CHINA, CLOSE-COUPLED TANK, SIPHON JET, ELONGATED TOILET WITH NO. K-7638 3/8" SUPPLY IN POLISHED CHROME, AND HEAVY DUTY SOLID PLASTIC OPEN FRONT SEAT NO. K-4666-SC.	
L-1	LAVATORY KOHLER ENAMELED CAST IRON HUDSON NO. K-2861, 20"x18", 4" CENTERS, NO. K-6885 SINGLE LEVER FAUCET, INDEXED H AND C, NO. K-7606 ANGLE SUPPLY WITH ESCUTCHEON AND ANNEALED RISER, NO. K-7715 DRAIN AND TAILPIECE WITH PERFORATED GRATE AND NO. K-9000 CAST BRASS P-TRAP. CARRIER TO BE ZURN NO. Z-1224. FAUCET SHALL BE SUPPLIED WITH 1/2 GPM FLOW RESTRICTOR.	MOUNT AT 30" ABOVE FINISH FLOOR TO BOTTOM OF APRON.
L-2	LAVATORY KOHLER VITREOUS CHINA, PENNINGTON MODEL NO. K-2195, 20 1/4" x 17 1/4", SELF-RIMMING, 4" CENTERS, WITH NO. K-6885 SINGLE LEVER FAUCET, INDEXED H AND C, NO. K-7606 ANGLE SUPPLY WITH ESCUTCHEON AND ANNEALED RISER, NO. K-7715 DRAIN AND TAILPIECE WITH PERFORATED GRATE AND NO. K-9000 CAST BRASS P-TRAP. FAUCET SHALL BE SUPPLIED WITH A 1/2 GPM FLOW RESTRICTOR.	
H-1	HYDRANT ZURN NO. Z-1360-5, NON-FREEZE, TAPPED DRAIN PORT IN VALVE HOUSING AND BOX, VACUUM BREAKER, BRONZE CASING, OPERATING ROD AND INTERIOR PARTS, NICKEL BRONZE FACE AND COVER, LENGTH TO BE AS NECESSARY TO BE BELOW THE FROST LEVEL, MINIMUM BURY DEPTH OF 2'-0". THE CONTRACTOR SHALL TURN TEE HANDLE OVER TO THE OWNER UPON COMPLETION OF THE PROJECT. SUPPLY ONE TEE HANDLE FOR EACH HYDRANT INSTALLED. INSTALL 6"x6"x6" OF CRUSHED STONE AT TAPPED DRAIN PORTS.	
	FLOOR DRAINS - ZURN OR EQUAL	
FD-1	ZN-415-1, D.C. BODY WITH 7" DIAMETER NICKEL BRONZE STRAINER.	
	CLEANOUTS - ZURN OR EQUAL	
CO-1	ZN-1405-2.	
CO-2	ZN-1440-1 OR ZN-1445-1.	
CO-3	Z-1440.	
CO-4	Z-1450-8.	
WH-1	WATER HEATER STATE CENSIBLE 5, MODEL NO. PV-20-1MS1-K, 20 GALLON MIDGET HEATER RATED AT 1500 WATTS, 120/1/60, LISTED BY UNDERWRITERS' LABORATORIES. HEATER SHALL MEET ASHRAE 90A-1980, 1984 ENERGY EFFICIENCY STANDARDS. SINGLE ELEMENT SHALL BE CONTROLLED BY A MOUNTED THERMOSTAT AND A HIGH TEMPERATURE CUT-OFF SWITCH. HEATER SHALL BE SET AT 120° F WATER TEMPERATURE. ELEMENT SHALL HAVE A 5-YEAR WARRANTY.	
SK-1	SINK JUST 18 GAUGE TYPE 302 STAINLESS STEEL, SELF-RIMMING, STAIN FINISH, SOUND DEADENED, 15"X15"X6", 2-HOLE PUNCHED, 4" CENTERS, MODEL NO. SBL-1515-A-GR AS MANUFACTURED BY JUST MANUFACTURING COMPANY, CHICAGO FAUCET MODEL NO. 1895.8" SWING GOOSENECK WITH AERATOR, BLADE TYPE HANDLES INDEXED H AND C, AS MANUFACTURED BY CHICAGO FAUCET COMPANY, KOHLER NO. K-7606 ANGLE SUPPLY WITH ESCUTCHEON AND ANNEALED RISER, NO. K-8820 DRAIN AND TAILPIECE WITH PERFORATED STRAINER AND NO. K-9000 CAST BRASS P-TRAP. SUPPLIES SHALL BE COMPATIBLE WITH TAILPIECE ON FAUCET.	



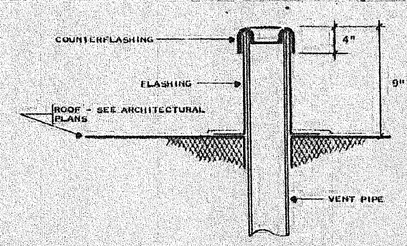
PLUMBING RISER
NOT TO SCALE



YARD HYDRANT



HOT WATER HEATER



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Detail NOT TO SCALE 03

Detail NOT TO SCALE 02

Detail NOT TO SCALE 01

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Consulting Engineers:
PROGRESSIVE DESIGN COLLABORATIVE, Ltd.
POST OFFICE BOX 18623 RALEIGH, N.C. 27619
TELEPHONE 919-828-5000

DRAWING RELEASE & REVISIONS		
DATE	DESCRIPTION	REV

phase
carteret county courthouse
interior renovations
boulevard north carolina

DRAWING NUMBER
P-1

RELEASED FOR CONSTRUCTION 8-26-85

OF 1 SHEET

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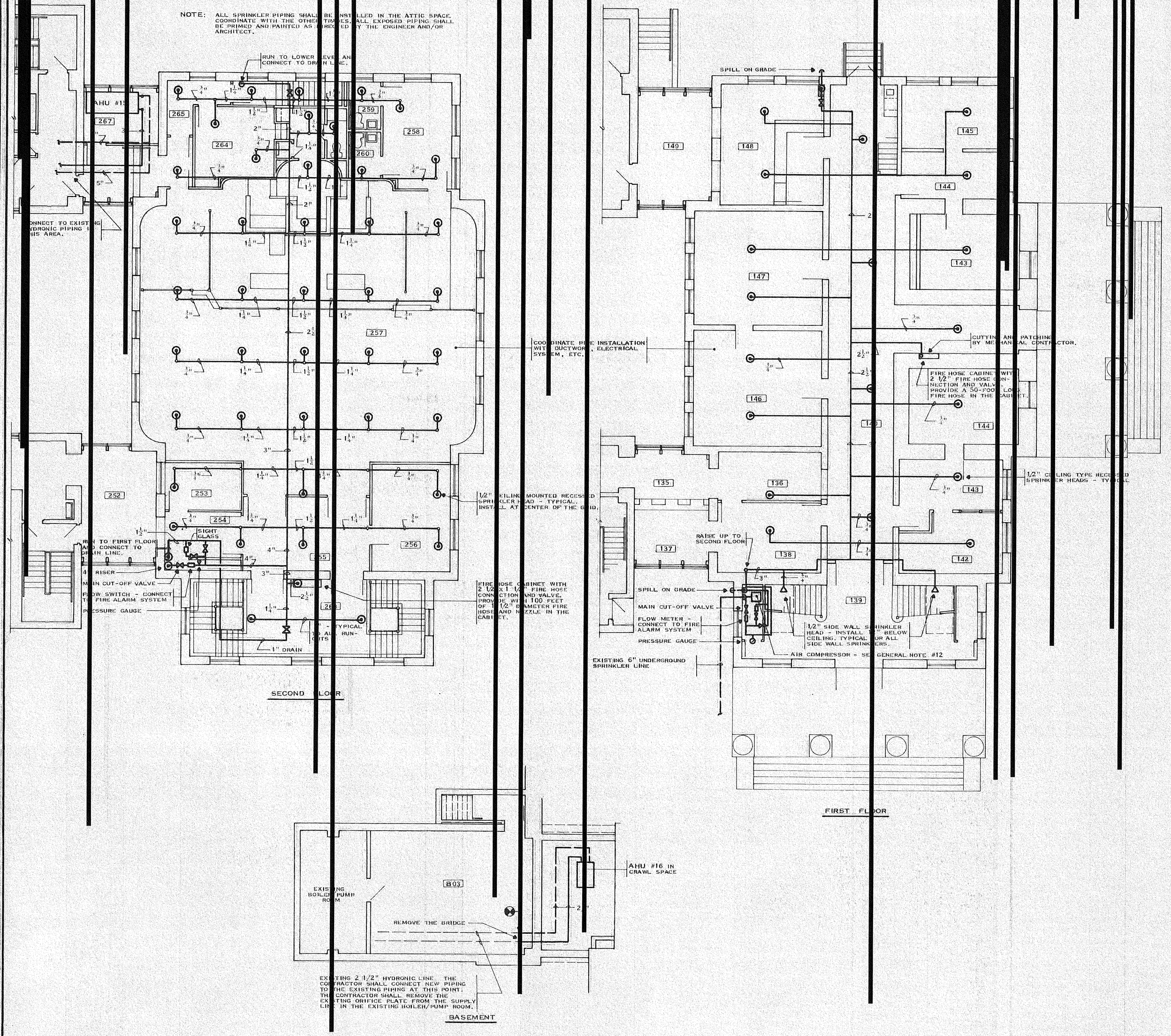
NOTE: ALL SPRINKLER PIPING SHALL BE INSTALLED IN THE ATTIC SPACE. COORDINATE WITH THE OTHER TRADES. ALL EXPOSED PIPING SHALL BE PRIMED AND PAINTED AS DIRECTED BY THE ENGINEER AND/OR ARCHITECT.



Hydronic Piping Plan

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

Equipment Schedule

AIR HANDLING UNITS

ALL AIR HANDLING UNITS SHALL BE MAMMOTH HYDROPAK GROUND WATER-TO-AIR HEAT PUMPS WITH ELECTRONIC NICKEL CONDENSERS SUITABLE FOR WELL WATER APPLICATIONS, TO MATCH THE EXISTING UNITS. ALL COOLING ENERGY EFFICIENCY RATIOS (EER) AND HEATING COEFFICIENT OF PERFORMANCE (COP) SHALL BE EQUAL TO OR EXCEED THOSE SPECIFIED HEREIN.

ALL UNITS SHALL BE PROVIDED WITH A REMOTELY MOUNTED ROOM THERMOSTAT WITH AUTOMATIC CHANGEOVER SUB-BASE. THE THERMOSTAT SHALL BE PROVIDED WITH A DECORATIVE-PROOF COVER.

EACH UNIT SHALL BE PROVIDED WITH A TYPE S MODEL SDS VIBRATION ISOLATOR, AS MANUFACTURED BY DUNSTAN ISOLATED KINETICS CORPORATION. ALL VIBRATORS SHALL BE SIZED BY THE INSTALLATION MANUFACTURER. ALL UNITS SHALL BE 480/3/60.

AIR HANDLING UNIT #1:

MODEL V-280, 9600 CFM, 69 GPM, 60°F EWT, 280 MBH COOLING, 10.5 EER, 270 MBH HEATING, 3.0 COP AND 480/3/60.

AIR HANDLING UNIT #14:

MODEL H-144, 4300 CFM, 38 GPM, 60°F EWT, 154 MBH COOLING, 11.8 EER, 160 MBH HEATING, 2.9 COP AND 480/3/60.

ATTENUATION DEVICE

PROVIDE FOR ALL HEAT PUMP UNITS A COMPLETE AIR FLOW MONITORING SYSTEM CONSISTING OF AN AIR FLOW MEASURING UNIT INSTALLED AT THE FAN DISCHARGE DUCT. THE UNIT SHALL BE FABRICATED OF A HEAVY GAUGE GALVANIZED STEEL CASING WITH 90° CONNECTION FLANGES. IN ACCORDANCE WITH AND SIZES APPROXIMATELY THAT OF THE FAN DISCHARGE DUCT. EACH FAN SHALL BE COMPLETE WITH AIR DIRECTIONALIZER AND PROFILE DISPERSER, SYMMETRICAL TOTAL AND STATIC PRESSURE SENSORS AND SELF-AVERAGING MANIFOLDS, AND EXTERNAL PRESSURE TRANSMISSION PORTS. AN IDENTIFICATION LABEL SHALL BE PLACED ON EACH UNIT CARRYING LISTING MODEL NUMBER, WITH IDENTIFICATION NUMBER CORRESPONDING TO THE HEAT PUMP NUMBERING SYSTEM AREA AND SPECIFIED AIR FLOW CAPACITY. PROVIDE A PORTABLE TYPE P METER CAPABLE OF READING THE AIR SUPPLIES IN CFM AND TOTAL SYSTEM PRESSURE IN INCHES OF WATER. THE AIR MONITORING DEVICE SHALL BE MODEL FAN-E, AS MANUFACTURED BY AIR MONITOR CORPORATION. THE PORTABLE METER SHALL BE TURNED OVER TO THE ENGINEER/OWNER AT THE CONCLUSION OF THE SYSTEM AIR BALANCE.

FILTERS

PROVIDE FARR TYPE 30/30, 2" THICK PLEATED, DISPOSABLE MEDIUM EFFICIENCY FILTERS WITH HOLDING FRAME. SIZES SHALL BE AS REQUIRED BY THE HEAT PUMP MANUFACTURER.

TIME CLOCK

PARAGON MODEL 7000 - SEVEN DAY TIME CLOCK WITH SPRING RESERVE. PROVIDE ONE FOR EACH AIR HANDLING UNIT, EXHAUST FAN AND PUMP. INSTALL ADJACENT TO THE UNIT SERVED, OR WHERE INDICATED ON THE PLANS.

EXHAUST FANS

FAN #1:

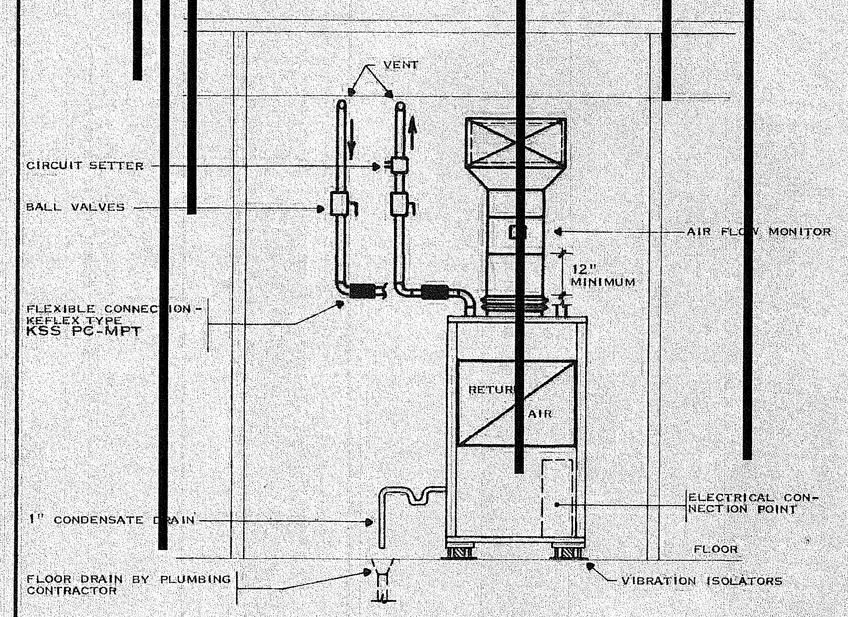
GREENHECK ROOF EXHAUSTER MODEL LBR-25-5, 6000 CFM AT 1/8" STATIC PRESSURE, 1/2 HP. PROVIDE DISCONNECT AT THE UNIT, AND WITH THERMOSTAT IN THE ATTIC, 115/1/60. PROVIDE ROOF CURB AND BIRD SCREEN AND BACK-DRAFT DAMPER AT THE DISCHARGE.

FAN #2:

GREENHECK CEILING EXHAUSTER MODEL SP-5, 200 CFM AT 1/8" STATIC PRESSURE, 115/1/60. PROVIDE A MATCHING ROOF VENT. INSTALL AS SHOWN ON THE PLANS.

FIRE HOSE CABINET

POTTER-ROEMER SERIES 1000 CABINET - 2 1/2" X 1 1/2" FIRE HOSE RACK AS MANUFACTURED BY AND TYPE PR - FLEXIBLE FIRE HOSE AND NOZZLE. THE CABINET AND ALL CONNECTING LINES SHALL BE CAULKED RECESSED. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING ASSOCIATED WITH THE CABINET AND PIPE INSTALLATION. PROVIDE WITH A FLUSH SOLID METAL DOOR.



AIR HANDLING UNIT CONNECTION

Detail

NOT TO SCALE

01

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DRAWING RELEASE & REVISIONS

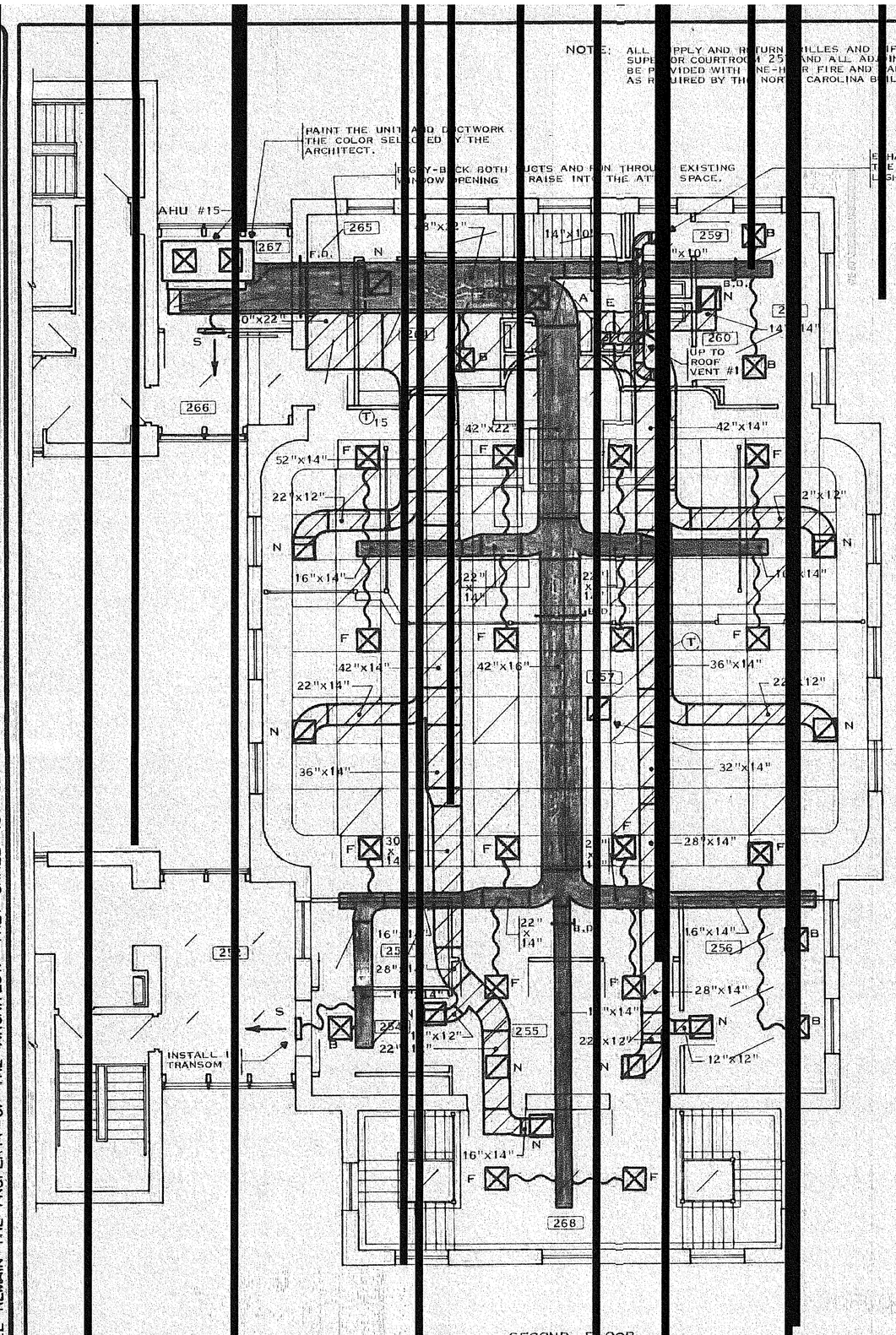
DATE	DESCRIPTION	REV.

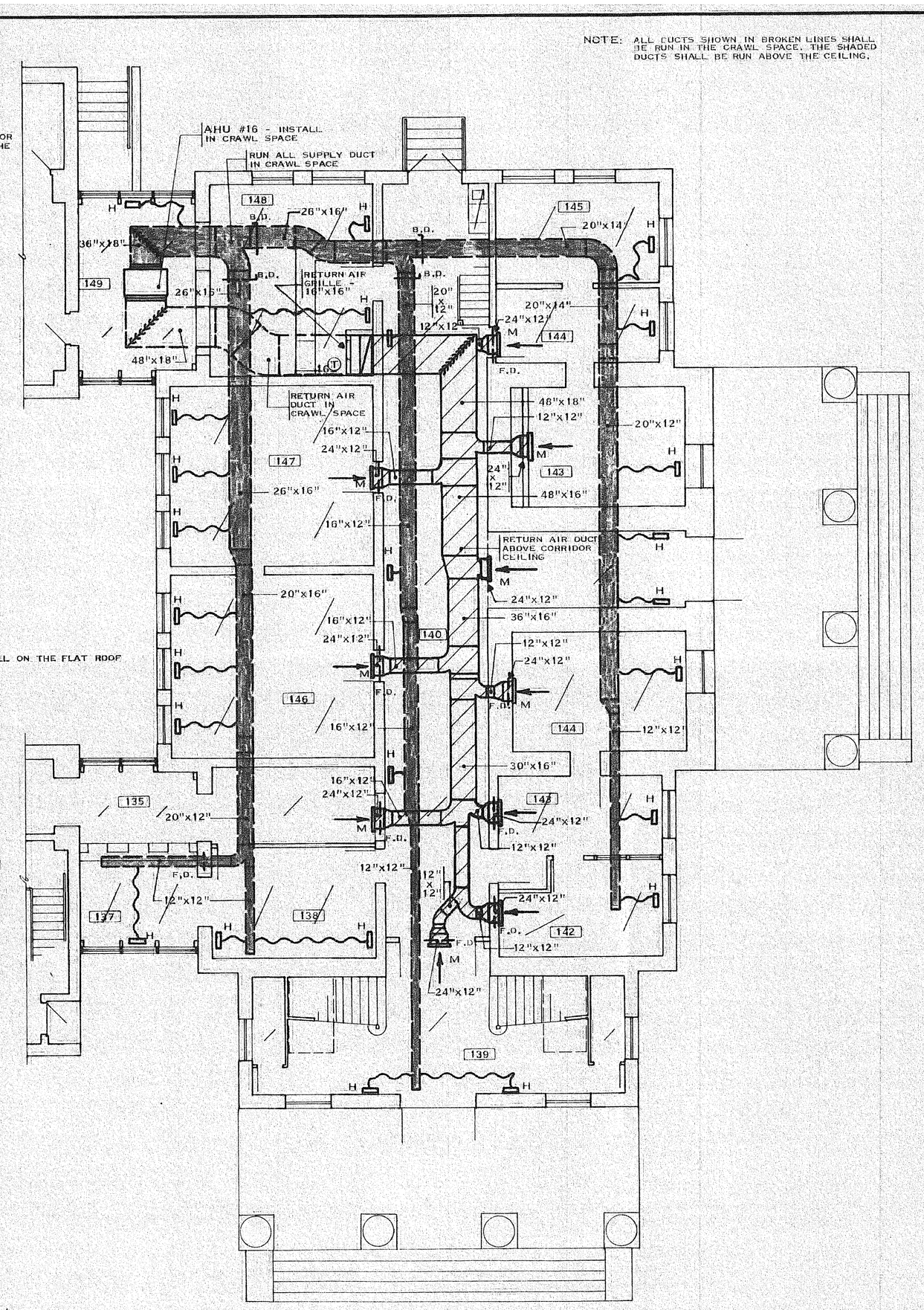
phase
carteret county courthouse
interior renovations
beaufort, north carolina

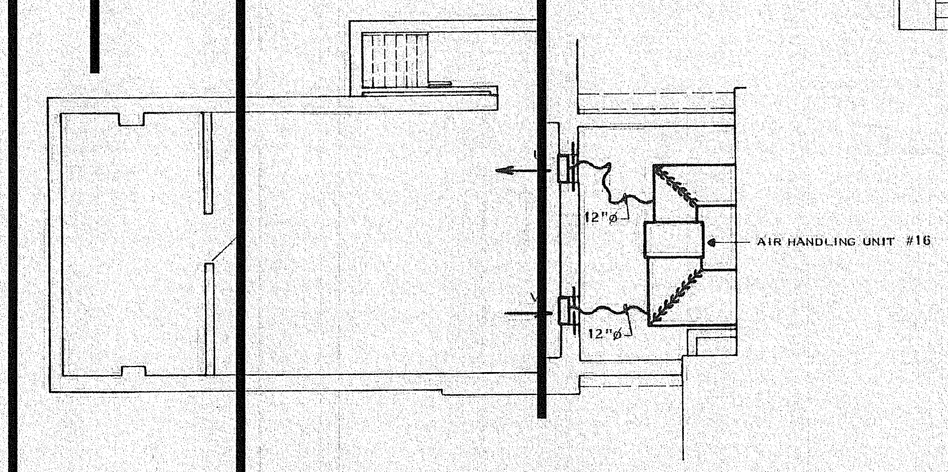
DRAWING NUMBER

M-2

OF 2 SHEETS







Symbol Legend

SYMBOL	DESCRIPTION
	EXHAUST DUCTWORK
FD	RETURN AIR DUCTWORK WITH FIRE DAMPER
BD	SUPPLY AIR DUCTWORK WITH BALANCING DAMPER
SD	SMOKE DETECTOR IN RETURN AIR DUCTWORK
	LAY-IN SUPPLY AIR DIFFUSER
	LAY-IN RETURN AIR GRILLE
	HYDRONIC WATER SUPPLY
	HYDRONIC WATER RETURN
	GATE VALVE
	BUTTERFLY VALVE
T X	THERMOSTAT WITH AIR HANDLING UNIT NUMBER, NIGHT SETBACK AND OVER-RIDE SWITCH INSTALLED ADJACENT TO THE THERMOSTAT.

General Notes

1. THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF THE OTHER TRADES PRIOR TO INSTALLING ANY OF HIS PIPING, DUCTWORK OR EQUIPMENT.
2. A MANUAL AIR VENT SHALL BE INSTALLED AT EVERY HIGH POINT OF THE ENTIRE HYDRONIC PIPING SYSTEM.
3. ALL HYDRONIC PIPING SHALL BE PERMANENTLY IDENTIFIED BY THEIR CONTENT, FUNCTION AND DIRECTION OF FLOW (I.E., HYDRONIC WATER SUPPLY). ALL IDENTIFICATION MARKERS SHALL BE PERMANENTLY STENCILED ON THE PIPING IN A LEGIBLE MANNER AT NO GREATER DISTANCE THAN 10'-0" ON CENTER. NO INSULATION IS REQUIRED ON THE HYDRONIC PIPING, BUT PAINT ALL PIPING WITH TWO COATS OF BLACK RUST-RESISTANT PAINT.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL AND CONTROL CONNECTIONS TO THE EQUIPMENT PROVIDED UNDER THIS CONTRACT. REFER TO THE ELECTRICAL PLANS FOR LOCATION OF JUNCTION BOXES, DISCONNECTS, CIRCUIT-BREAKERS (PANELBOARDS). TYPE SIZE AND NUMBER OF CONDUCTORS AND CONDUITS TO EQUIPMENT SHALL BE EQUAL TO THE CONDUCTORS AND CONDUITS PROVIDED BY THE ELECTRICAL CONTRACTOR TO THE JUNCTION BOXES OR DISCONNECT SWITCHES. IN CASE OF MECHANICAL EQUIPMENT CONNECTION TO A CIRCUIT BREAKER, THE NUMBER AND SIZE OF CONDUCTORS AND CONDUITS SHALL CONFORM TO THE LATEST NATIONAL ELECTRICAL CODE REGULATIONS. ALL MOTOR STARTERS, SWITCHES, CONTROL DEVICES, ETC. PROVIDED BY THIS CONTRACTOR SHALL BE RECESSED IN THE WALLS EXCEPT WHEN THESE ITEMS ARE LOCATED IN THE MECHANICAL ROOMS. PROVIDE A NAMEPLATE FOR ALL EQUIPMENT, SWITCHES, CONTROL DEVICES, ETC. SEE THE GENERAL PROVISIONS SECTION OF THE MECHANICAL SPECIFICATIONS.
5. ALL ACCESS PANELS IN THE DUCTWORK FOR THE FIRE DAMPERS SHALL BE LOCATED SUCH THAT THE ACCESS TO THE DAMPER WILL BE EASILY ATTAINED. ALL ACCESS PANELS SHALL CONFORM TO THE FOLLOWING SCHEDULE:

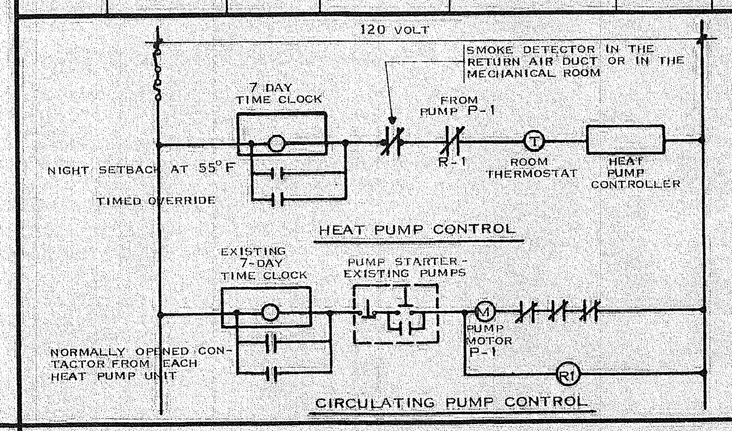
DUCT WIDTH	ACCESS DOOR SIZE
UP TO 17" WIDE	12" x 12"
18" TO 22"	16" x 16"
22" AND LARGER	18" x 18"

6. ALL EQUIPMENT SHALL BE LOCATED AND INSTALLED TO PROVIDE MAXIMUM SPACE FOR MAINTENANCE AND SERVICE.
7. PROVIDE ADJUSTABLE CONTROL DEFLECTION DEVICES AT ALL BRANCH DUCT TAKE-OFFS.
8. THE MECHANICAL CONTRACTOR SHALL INSTALL DUCT DETECTORS (PROVIDED AND WIRED BY THE ELECTRICAL CONTRACTOR) IN THE RETURN AIR DUCT OF EACH AIR HANDLING UNIT OR IN COMMON RETURN AIR DUCTS IN THE MECHANICAL ROOMS.
9. ALL FLEXIBLE DUCTS ARE 10" DIAMETER, UNLESS OTHERWISE NOTED.
10. THE MECHANICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
11. ALL FLOOR AND FIRE WALL PIPE PENETRATIONS SHALL BE SEALED WITH FIRE-RETARDANT MATERIAL.
12. THE SPRINKLER CONTRACTOR SHALL PROVIDE A DRY SPRINKLER SYSTEM WITH AIR COMPRESSOR AND ALL ASSOCIATED VALVES AND CONTROLS, AS REQUIRED.

Grille, Register & Diffuser Schedule

TYPE	PURPOSE	CFM	NECK SIZE	MANUFACTURER	MODEL	REMARKS
A	SUPPLY	100	6"x6"	KRUEGER	S-4	NOTES 1, 2 AND 3
B	SUPPLY	200	9"x9"	KRUEGER	S-4	NOTES 1, 2 AND 3
F	SUPPLY	400	12"x12"	KRUEGER	S-4	NOTES 1, 2 AND 3
H	SUPPLY (FLOOR REGISTER)	150	18"x6"	KRUEGER	1600	NOTES 1 AND 5
M	RETURN	VARIES	24"x12"	KRUEGER	585-H	NOTES 2 AND 6
N	RETURN	VARIES	24"x24"	KRUEGER	C1190	NOTES 2, 3 AND 4
S	SUPPLY	250	12"x6"	KRUEGER	800-H	NOTES 1 AND 2
U	SUPPLY	500	20"x8"	KRUEGER	880-H	NOTES 1 AND 2
V	RETURN	500	24"x12"	KRUEGER	S85-H	NOTE 2

NOTES
1 - WITH OPPOSED BLADE DAMPER
2 - OFF-WHITE BAKED-ON ENAMEL
3 - FRAME 23 (LAY-IN)
4 - FRAME 22 (SURFACE MOUNTED)
5 - SATIN ALUMINUM FINISH
6 - SURFACE MOUNTED ON SHEETROCK CEILING



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Mechanical Plan

SCALE: $\frac{1}{8}$"=1'-0"

Detail

01

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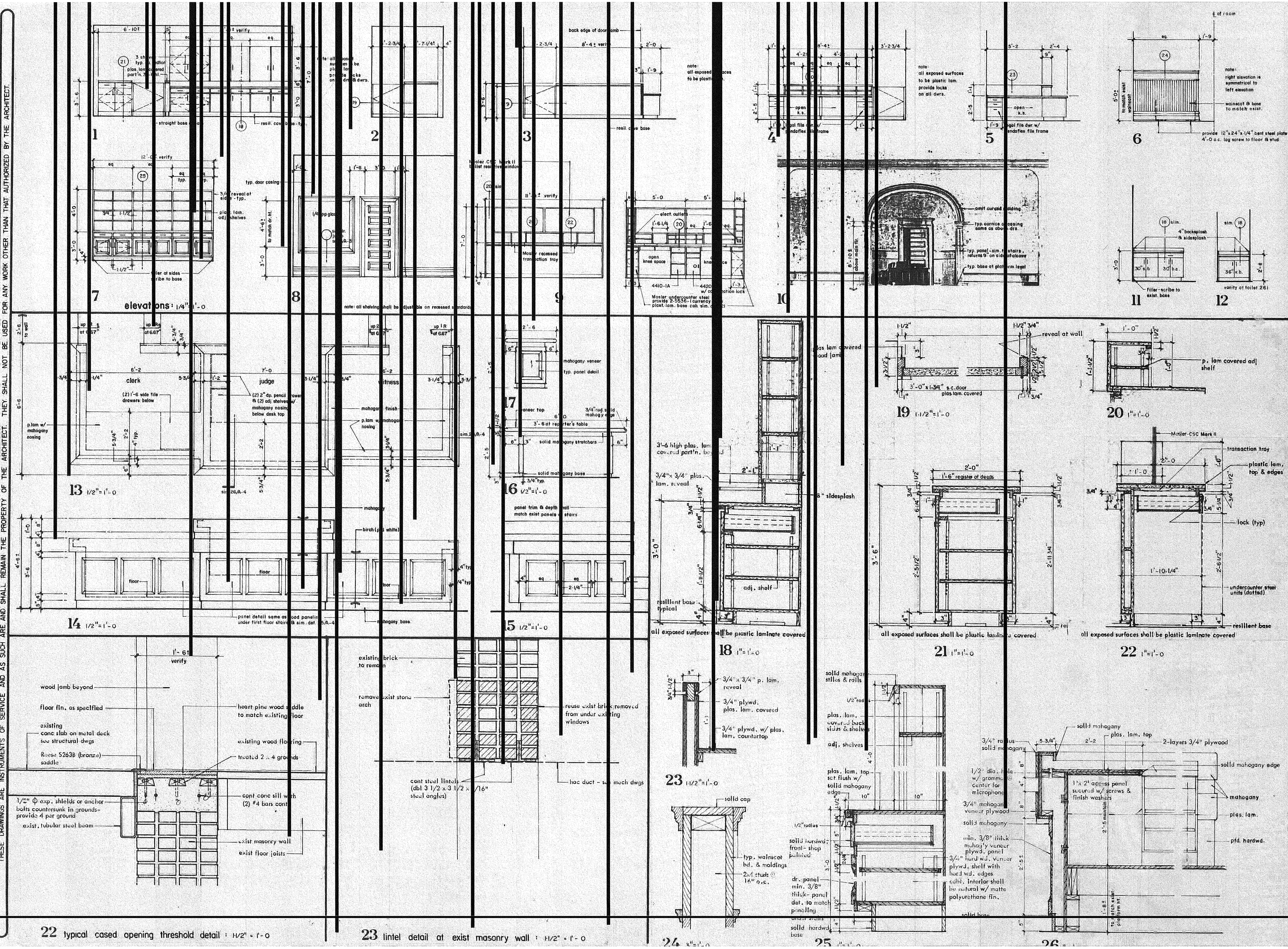
DRAWING RELEASE & REVISIONS

DATE	DESCRIPTION	REV.

phase
carteret county courthouse
interior renovations
beaufort, north carolina

DRAWING NUMBER
M-1
OF 2 SHEETS



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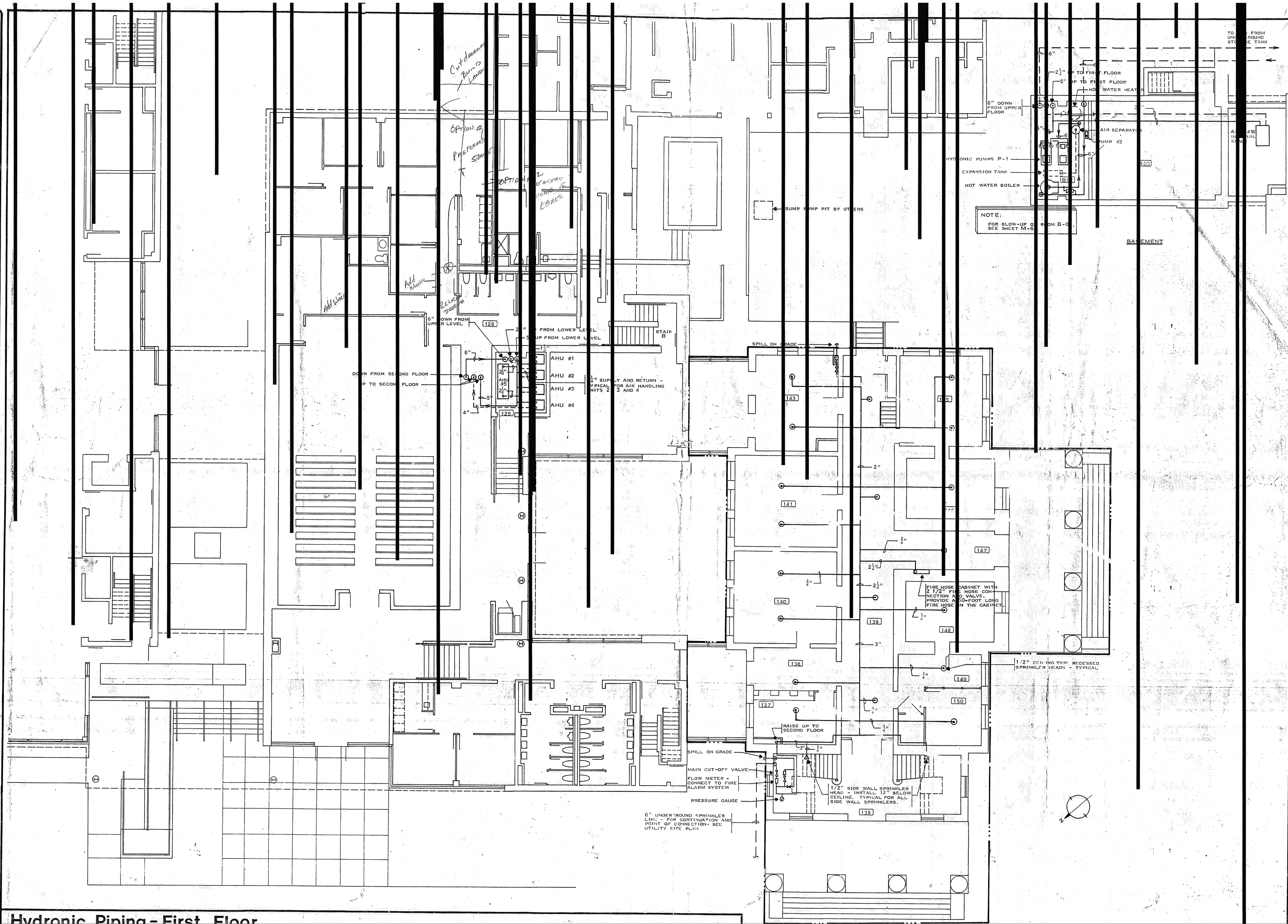
DRAWING RELEASE & REVISIONS

DATE	DESCRIPTION	REV

phase II
carteret county courthouse
interior renovations
beaufort, north carolina

DRAWING NUMBER

A-4



Hydronic Piping - First Floor

SCALE

NOTE: ALL WORK WITHIN THE BORDERED AREA SHALL BE PROVIDED UNDER ALTERNATE M-1.

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DRAWING RELEASE & REVISIONS

phase II
carteret county courthouse
beaufort, north carolina

DRAWING NUMBER
M-4
OF SHEETS

RELEASED FOR CONSTRUCTION 10-17-83

SCHREN PHOTO - GREENSBORO N1174

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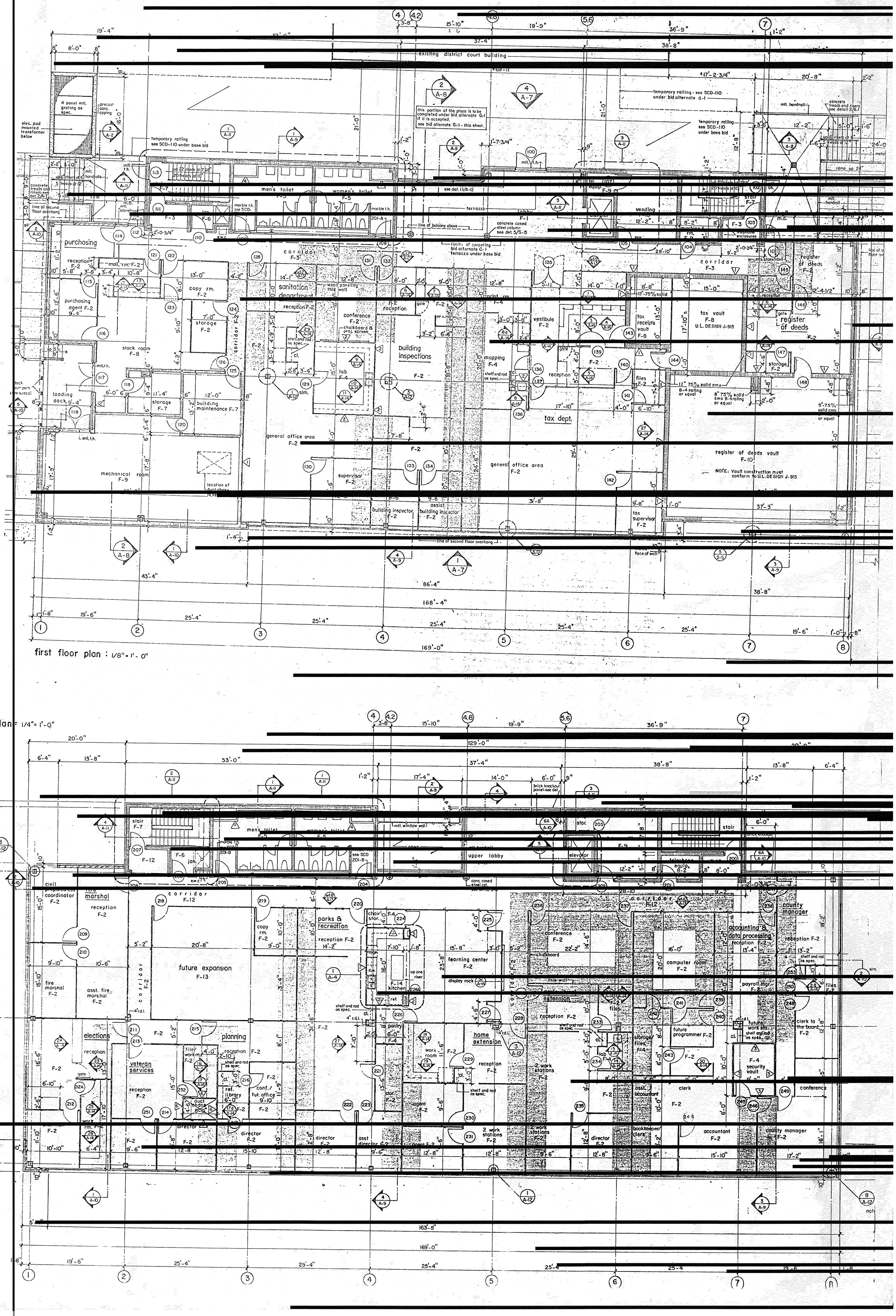
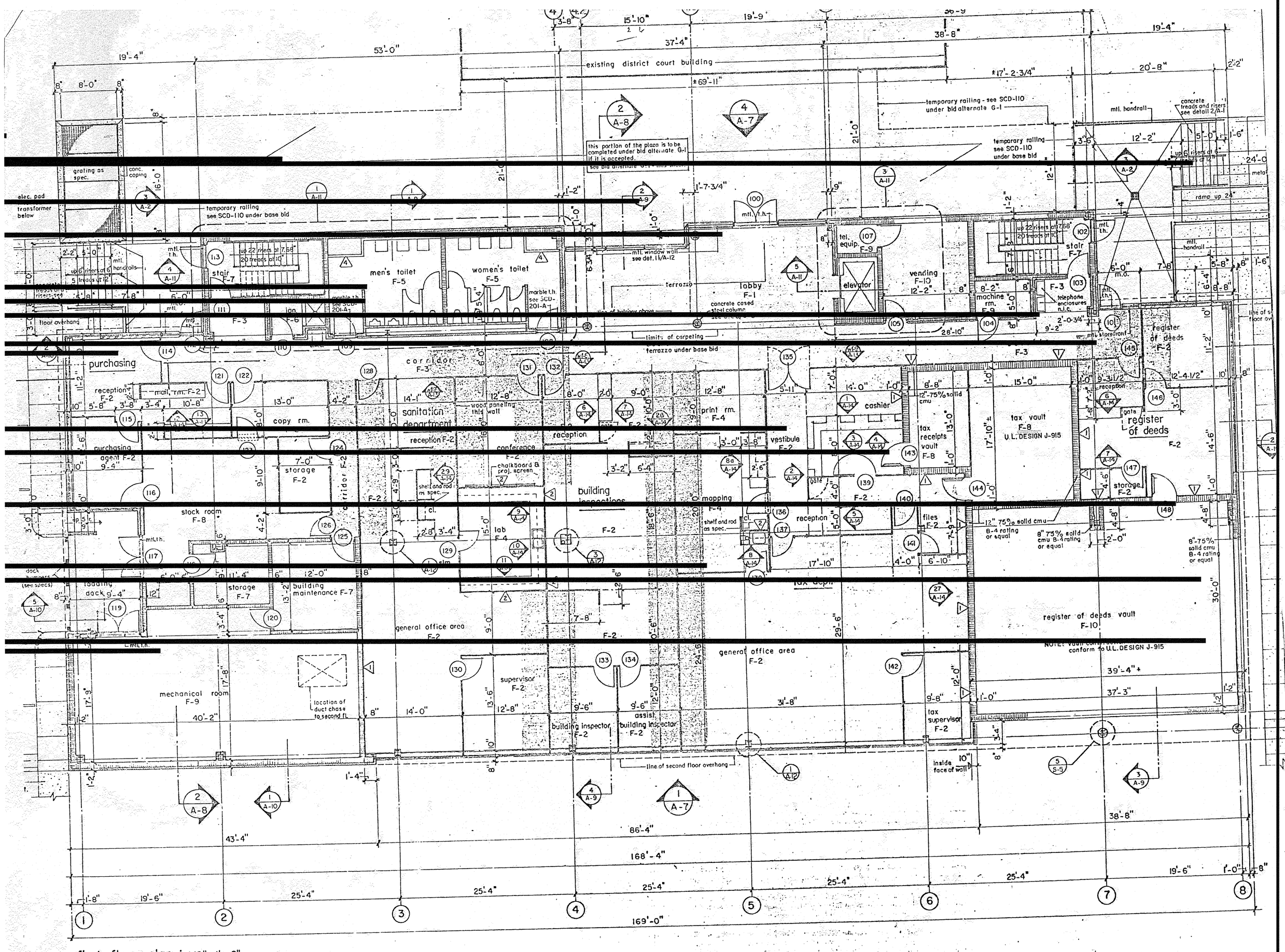
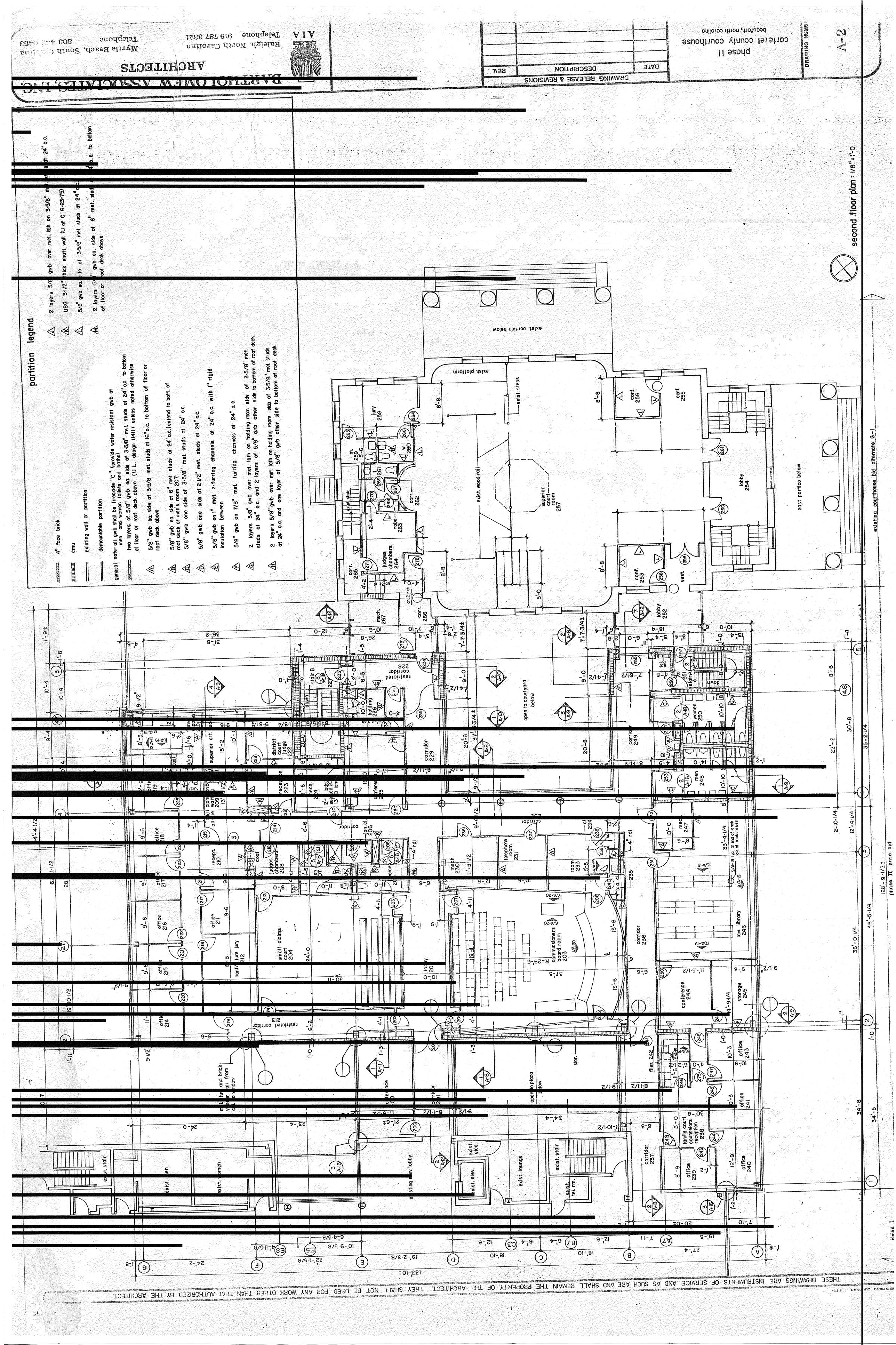

existing district court building
purchasing
reception F-2
mail rm. F-2
purchasing agent F-2
copy rm. F-2
storage F-2
stock room F-8
loading dock
storage F-7
building maintenance F-7
mechanical room F-9
men's toilet F-5
women's toilet F-5
corridor F-3
sanitation department
reception F-2
conference F-2
chalkboard & proj. screen
building inspections
lab F-4
general office area F-2
supervisor F-2
building inspector F-2
assist. building inspector F-2
mapping F-4
vestibule F-2
tax receipts vault F-8
tax vault F-8 U.L. DESIGN J-915
tax dept.
register of deeds
register of deeds vault F-10
NOTE: Vault construction must conform to U.L. DESIGN J-915
tax supervisor F-2
lobby F-1
vending
elevator
stair F-7
temporary railing - see SCD-110 under bid alternate G-1
temporary railing see SCD-110 under base bid
this portion of the plaza is to be completed under bid alternate G-1 if it is accepted. see bid alternate G-1 - this sheet.
line of second floor overhang
first floor plan : 1/8" = 1'-0"
plan : 1/4" = 1'-0"
upper lobby
elevator
stair
civil preparedness coordinator F-2
fire marshal
reception F-2
corridor F-12
future expansion F-13
fire marshal F-2
asst. fire marshal F-2
elections
reception
veteran services
planning
parks & recreation
reception F-2
learning center F-2
F-14 kitchen
home extension
reception F-2
2 work stations F-2
conference F-2
computer room F-2
accounting & data processing
reception F-2
county manager
county manager F-2
accountant F-2
clerk
future programmer F-2
payroll mgr. F-2
clerk to the board F-2
F-4 security vault
director F-2
asst director F-2
agent F-2
bookkeeper/clerk
asst. accountant
storage/files F-4
work room
pantry 6-0" F-4
ref. library 6-0"
conf./fut. office 9-10"
duct chase
169'-0"
163'-8"


existing district court building
temporary railing - see SCD-110 under bid alternate G-1
temporary railing see SCD-110 under base bid
this portion of the plaza is to be completed under bid alternate G-1 if it is accepted.
men's toilet F-5
women's toilet F-5
lobby F-1
elevator
vending F-10
machine rm. F-9
tel. equip. F-9
stair F-7
purchasing
reception F-2
mail rm. F-2
copy rm.
corridor F-3
sanitation department
reception F-2
conference F-2
print rm. F-4
cashier
tax receipts vault F-8
tax vault F-8
U.L. DESIGN J-915
register of deeds F-2
storage F-2
stock room F-8
lab F-4
building inspections
mapping F-4
reception
files F-2
loading dock
storage F-7
building maintenance F-7
general office area F-2
supervisor F-2
building inspector F-2
assist building inspector F-2
tax supervisor F-2
register of deeds vault F-10
mechanical room F-9
location of duct chase to second fl.
line of second floor overhang
inside face of wall
first floor plan : 1/8" = 1'-0"
plan : 1/4" = 1'-0"
upper lobby F-11
future office F-9
telephone equip. F-12
county manager
civil preparedness coordinator
fire marshal
parks & recreation
reception F-2
future expansion F-13
learning center F-2
computer room F-2
accounting & data processing
agricultural extension
home extension
elections
veteran services
planning
future programmer F-2
security vault F-4
clerk
conference
accountant F-2
bookkeeper
director F-2
asst. director F-2
agent F-2
2 work stations F-2
chairman F-2
county manager F-2



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DRAWING RELEASE & REVISIONS

DATE	DESCRIPTION	REV.

phase II
carteret county courthouse
beaufort, north carolina

DRAWING NUMBER
A-2

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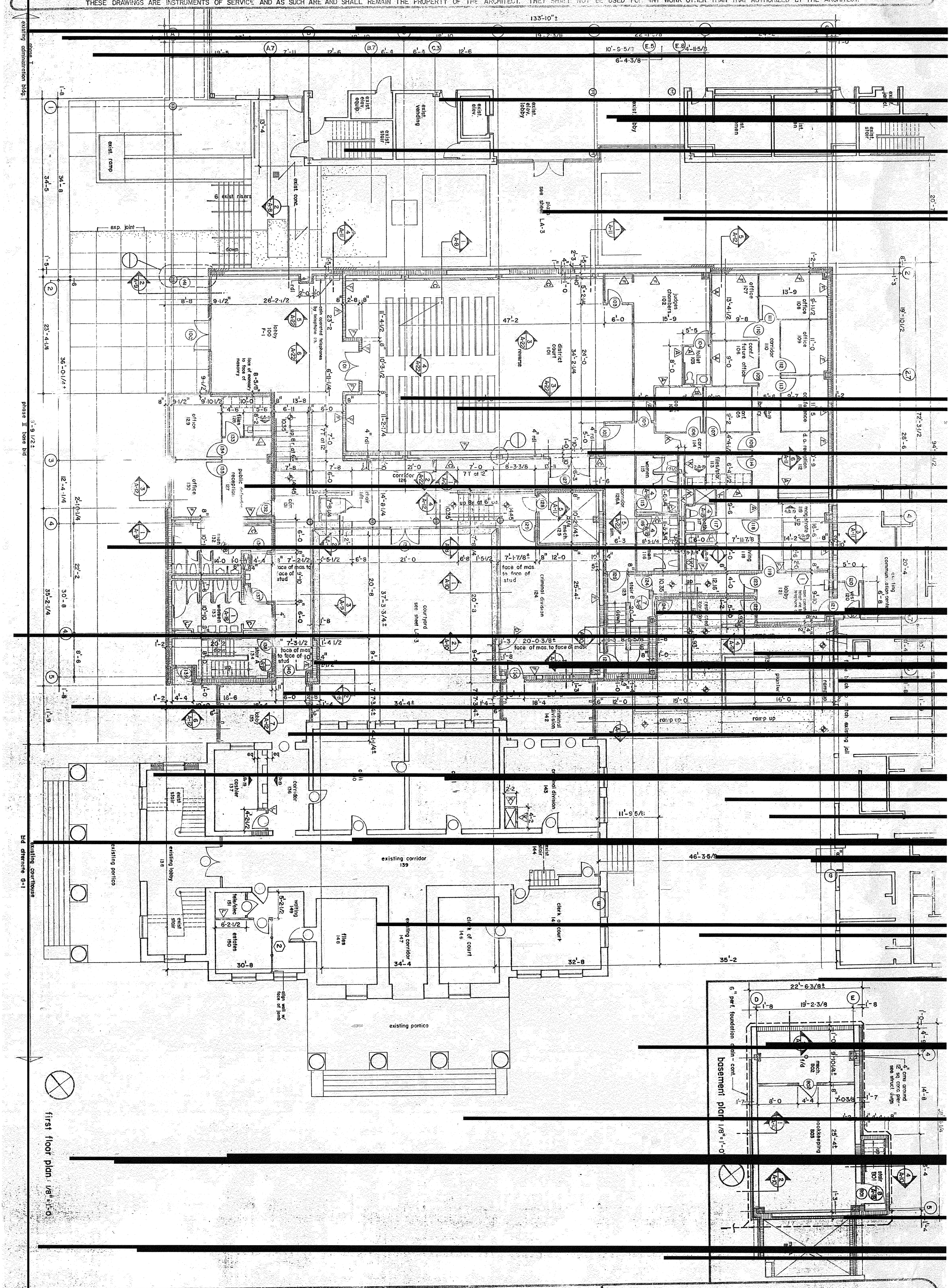

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DATE	DESCRIPTION	REV.

phase II
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beaufort, north carolina

DRAWING NUMBER A-1

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NORMAN BARTHOLOMEW REGISTERED ARCHITECT NO. 1760 NORTH CAROLINA RALEIGH, N.C.

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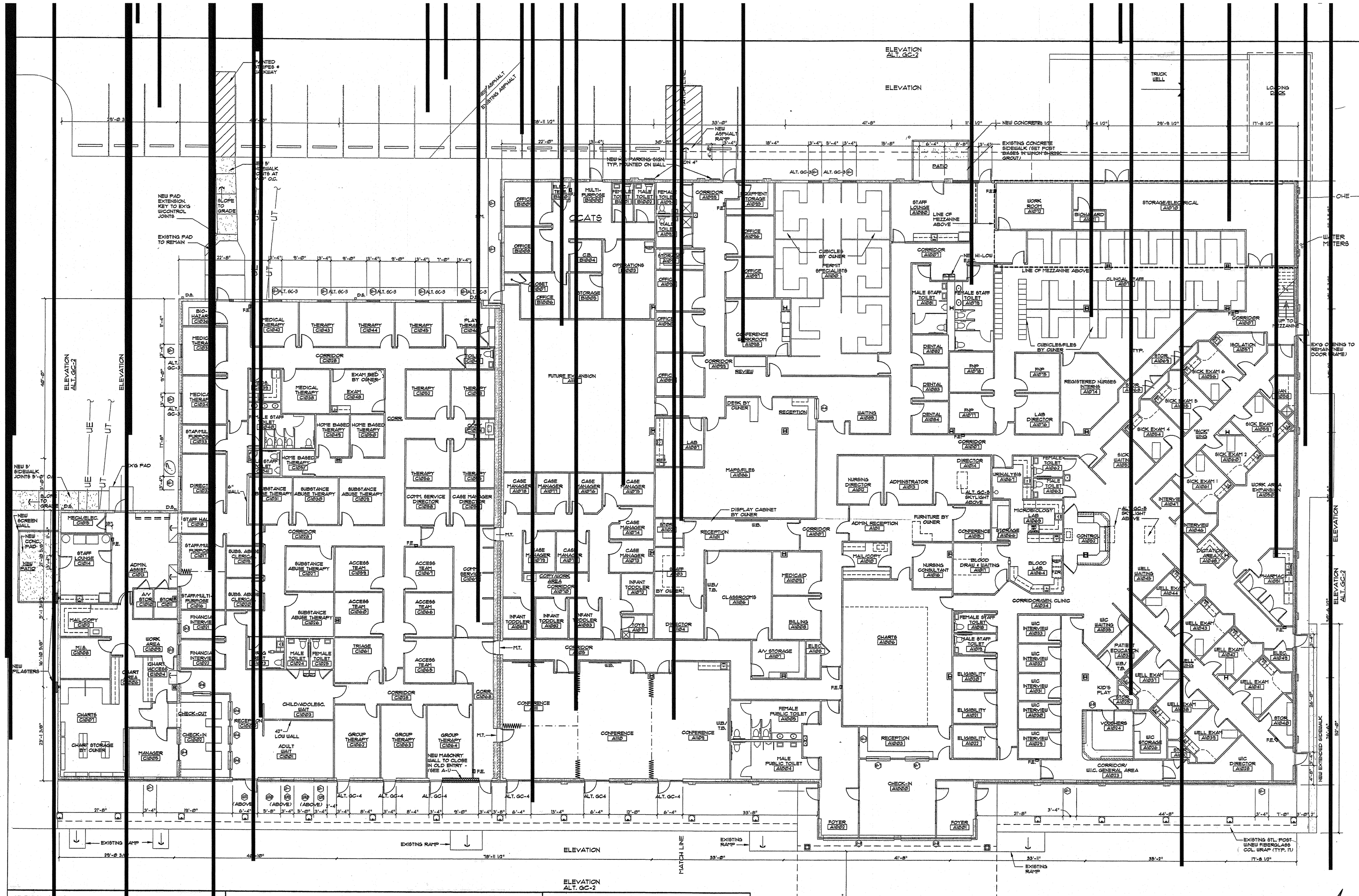

GENERAL NOTES:

1. SEE DIMENSIONED PLANS, A-1.2 AND A-1.3, FOR INTERIOR DIMENSIONS AND DETAIL.
2. SEE A-7 SHEETS FOR ENLARGED PLANS AND INTERIOR ELEVATIONS OF TOILETS.
3. SEE A-1.4 FOR ALTERNATE GC-1 FLOOR PLANS. ALL DIMENSIONS SHOWN ARE TO ROUGH FRAMING. CONTRACTOR TO ACCOMMODATE WIDTHS OF FINISH MATERIALS.
4. ALL EXTERIOR DIMENSIONS ARE MASONRY DIMENSIONS.
5. ALL EXISTING MASONRY WALLS TO REMAIN ARE TO RECEIVE 1-1/2" FURRING & 5/8" GWB. SEE NEW EXTERIOR ELEVATIONS FOR ALTERNATE.
6. CONTRACTOR TO FILL FOUNDATION GAPS @ NEW EXTERIOR DOORS IN NEW OPENINGS AND NEW INTERIOR DOOR @ MASONRY OPENINGS W/ NON SHRINK GROUT AS REQ'D.

PARTITION SCHEDULE:

- 1 HR. RATED WALL TO ROOF DECK: 3-5/8" METAL STUD WALL W/ GYPSUM WALLBOARD (UL DETAIL U-465)
- 1 HR. RATED WALL TO 1 HR. RATED CEILING3-5/8" METAL STUD WALL W/ GYPSUM WALLBOARD (UL DETAIL U-465, ICBO DETAIL 79)
- EXISTING 4 HR. RATED FIRE WALL TO ROOF DECK. (DASHED LINE)
- EXISTING WALLS TO REMAIN
- NEW METAL STUD WALL W/ GYPSUM 3-5/8" OR WIDER AS SHOWN ON PLAN.

LEGEND:

- E.S. EMERGENCY SHOWER
- F.S. FIRE EXTINGUISHER
- T.S. TRANSITION STRIP
- M.T. METAL THRESHOLD
- MASONRY INFILL: (ALL WALLS WILL BE PANELED) NORTH & WEST SIDE - 8" NOM. CMU SOUTH & EAST SIDE - 8" NOM. CMU AND BRICK VENEER (NO CAVITY WALL)
- NEW CONCRETE SIDEWALK/PATIO
- W.B./T.B. WHITE BOARD/TACK BOARD

1 / A-1.1 KEY FLOOR PLAN
SCALE: 3/32" = 1'-0"
(SEE A1.2/A1.3 FOR DIMENSIONS.)

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Morehead

CARTERET COUNTY
HEALTH AND HUMAN SERVICES BUILDING
MOREHEAD CITY, NORTH CAROLINA

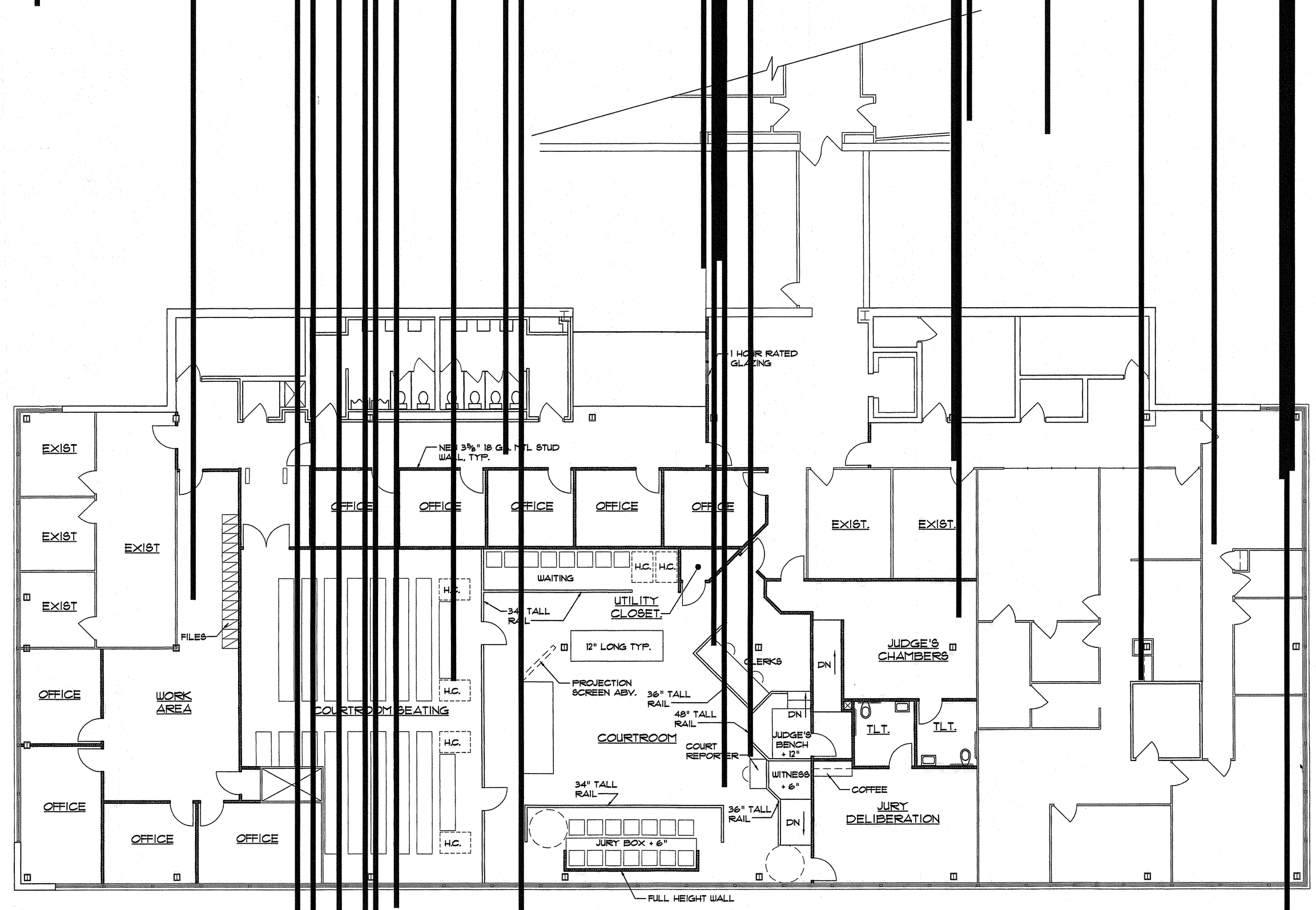
KEY FLOOR PLAN

2001406.00

ISSUED: 8/14/01
DWG BY: RB
CKD BY: RSK, LDD
REVISIONS

SHEET NO.
A-1.1
OF 25

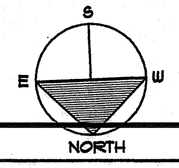
NOTE: THIS SET REPRESENTS LIMITED ARCHITECTURAL DESIGN SERVICES ONLY. THIS DRAWING IS FOR GENERAL LAYOUT ONLY. ALL FINISHES, DOOR SCHEDULES, HARDWARE, MILLWORK DETAILS, FIRE RATING DETAILS, TOILET ACCESSORIES, SIGNAGE, PLUMBING, HVAC AND ELECTRICAL DESIGN, SPECIFICATIONS AND ANY OTHER DETAILS, ETC. NOT SHOWN SPECIFICALLY HERE SHALL BE THE RESPONSIBILITY OF OTHERS AND NOT THE RESPONSIBILITY OF THIS ARCHITECT.



NOTE: ALL RAIL HEIGHTS SHALL BE CONFIRMED W/ OWNER & USER PRIOR TO CONSTRUCTING.

RENOVATION FLOOR PLAN

1 / A-1 SCALE: ⅛"=1'-0"



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EDA pa
Architects □ Engineers □ Planners

Raleigh
Greenville
Jacksonville
Morehead City

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CARTERET CO. ADMIN. BLDG SUPERIOR COURTHOUSE RENOVATION

BEAUFORT, NORTH CAROLINA

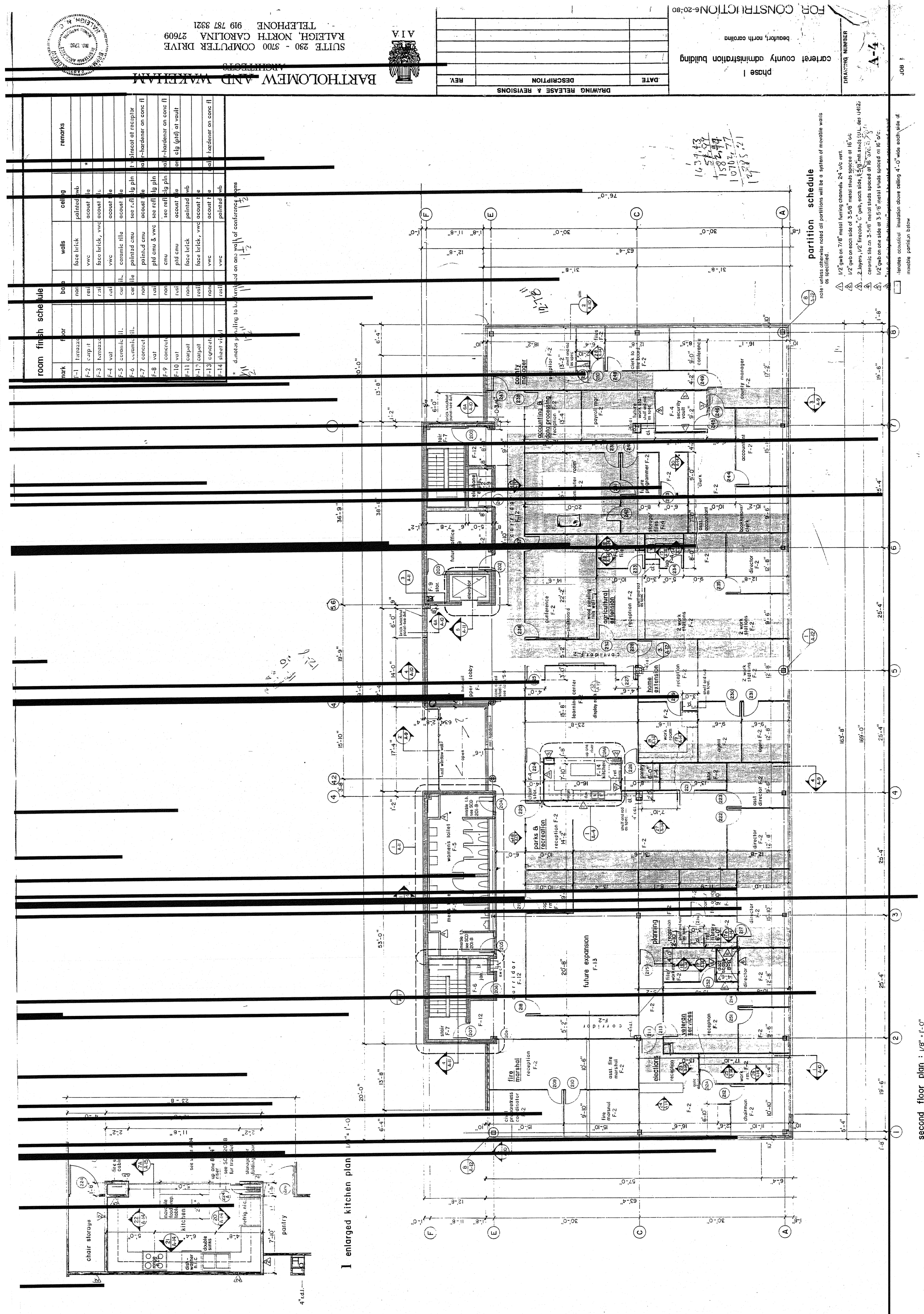
RENOVATION FLOOR PLAN

2004421

ISSUED: 07 APRIL 05
DWG BY: NMH,MLR
CKD BY: LDD,RMB
REVISIONS

SHEET NO.
A-1
OF

C:\EDA\2004421 Cart.Co. Courthouse Renov\A-1.dwg, 6/16/2005 5:03:40 PM



room finish schedule					
mark	floor	base	walls	ceiling	remarks
F-1	terrazzo	none	face brick	painted wb	
F-2	carpet	resil	vwc	acoust tile	*
F-3	terrazzo	resil	face brick, vwc	acoust tile	
F-4	vat	resil	vwc	acoust tile	
F-5	ceramic tile	ceramic tile	ceramic tile	acoust tile	
F-6	ceramic tile	ceramic tile	painted cmu	see refl clg pln	w/ wainscot at receptor
F-7	concrete	none	painted cmu	acoust tile	sealer-hardener on conc fl
F-8	vat	resil	ptd cmu & vwc	see refl clg pln	
F-9	concrete	none	cmu	see refl clg pln	sealer-hardener on conc fl
F-10	vat	resil	ptd cmu	acoust tile	on clg (ptd) at vault
F-11	carpet	none	face brick	painted wb	
F-12	carpet	resil	face brick, vwc	acoust tile	
F-13	concrete	none	vwc	acoust tile	sealer-hardener on conc fl
F-14	sheet vinyl	resil	vwc	painted wb	

* denotes paneling to be furnished on one wall of conference rooms

BARTHOLOMEW AND WAKELHAM
ARCHITECTS
SUITE 230 - 3700 COMPUTER DRIVE
RALEIGH, NORTH CAROLINA 27609
TELEPHONE 919 787 3321

AIA

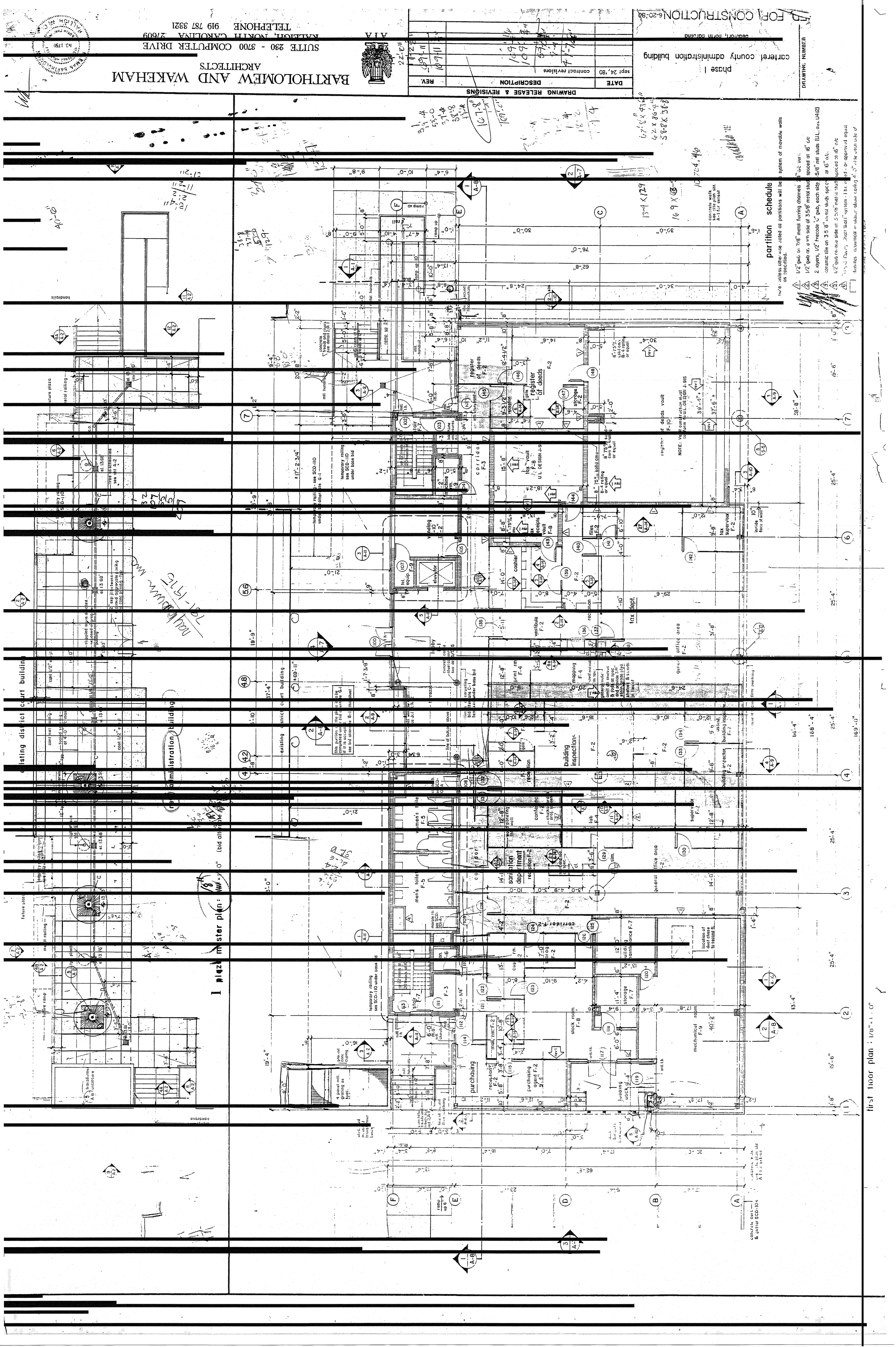
DRAWING RELEASE & REVISIONS		
DATE	DESCRIPTION	REV.

phase 1
carteret county administration building
beaufort, north carolina

FOR CONSTRUCTION 6-20-80

DRAWING NUMBER A-4

JOB


BARTHOLOMEW AND WAKEHAM
ARCHITECTS
SUITE 230 - 3700 COMPUTER DRIVE
RALEIGH, NORTH CAROLINA 27609
TELEPHONE 919 787 3321
AIA
DRAWING RELEASE & REVISIONS
DATE
DESCRIPTION
REV.
sept 24, '80
contract revisions
phase 1
carteret county administration building
beaufort, north carolina
FOR CONSTRUCTION 6-20-80
DRAWING NUMBER
partition schedule
note: unless otherwise noted all partitions will be a system of movable walls as specified.
1 1/2" gwb on 7/8" metal furring channels 24" o/c vert.
2 1/2" gwb on each side of 3 5/8" metal studs spaced at 16" o/c
3 2 layers, 1/2" firecode "C" gwb, each side, 3 5/8" mtl studs (U.L. des U412)
4 ceramic tile on 3 5/8" metal studs spaced at 16" o/c
5 1/2" gwb on one side of 3 5/8" metal studs spaced at 16" o/c
6 "1 hr. Cavity Shaft Wall" system - 1 hr. rated - or approved equal
7 denotes acoustical material above ceiling 4' 0" wide each side of
existing district court building
administration building
temporary railing see SCD-110 under base bid
temporary railing - see SCD-110 under bid alternate G-1
register of deeds
tax vault
UL DESIGN J-9
NOTE: vault construction must conform to U.L. DESIGN J-915
tax supervisor
tax receipts vault
cashier
vestibule
tax dept.
building inspections
building inspector
assist. building inspector
sanitation department
reception
conference
lab
supervisor
general office area
corridor
men's toilet
women's toilet
elevator
lobby
stair
storage
mechanical room
stock room
purchasing
purchasing agent
receiving
loading dock
mail rm.
janitor
concrete walk see site plan sht. A-1 for extent
concrete curb & gutter SCD-104
first floor plan : 1/8" = 1 - 0"

BARTHOLOMEW ASSOCIATES, INC.
ARCHITECTS
AIA
Raleigh, North Carolina
Telephone 919 787 3321

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NORMAN BARTHOLOMEW REGISTERED ARCHITECT NO. 1750 NORTH CAROLINA RALEIGH, N.C.

BARTHOLOMEW ASSOCIATES, INC. REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA CERT. No. 225 RALEIGH, N.C.

DRAWING RELEASE & REVISIONS

DATE	DESCRIPTION	REV.

phase II
carteret county courthouse
interior renovations
beaufort, north carolina

DRAWING NUMBER
A-1

partition legend

- 4" face brick
- cmu- extend to bottom of floor or deck above unless indicated otherwise.
- existing wall or partition
- 5/8" gwb on side 2 x wood studs at 6" o.c. w/ 3" sound attenuation blankets between. Reuse existing wood studs in place where possible
- 5/8" gwb on side 2 x wood studs at 6" o.c. Reuse existing wood studs in place where possible
- 5/8" gwb on sides 2 x wood studs at 16" o.c. w/ 3" sound attenuation blankets between.
- Plaster on metal lath on one side (courtroom) of new or existing wood studs and/or furring strips and 5/8" gwb on other side with 3" sound attenuation blankets between. Depth from stud shall match depth to face of plaster.
- 5/8" gwb on one side 2 x studs at 16" o.c. w/ 3" sound attenuation blankets between.

Notes:

All gwb shall be fire code "C" throughout. Provide water resistant at all toilets.

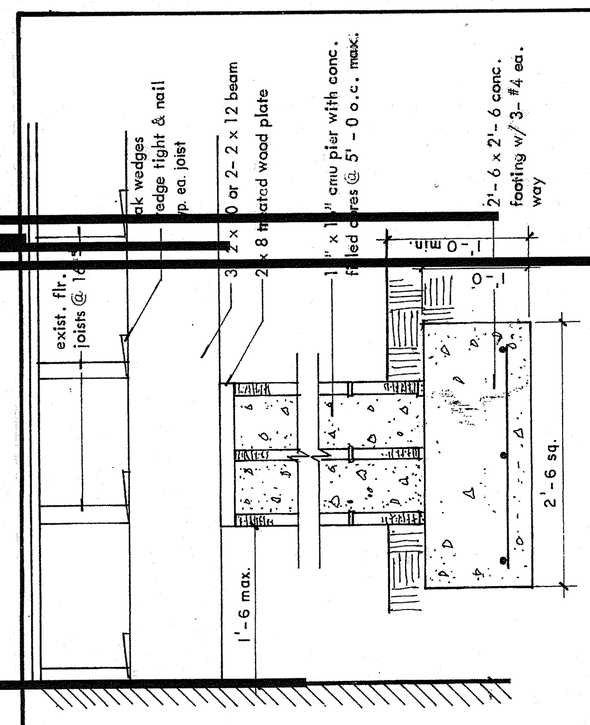
Provide full-backed gwb at all existing walls and second floor ceilings.

finish schedule

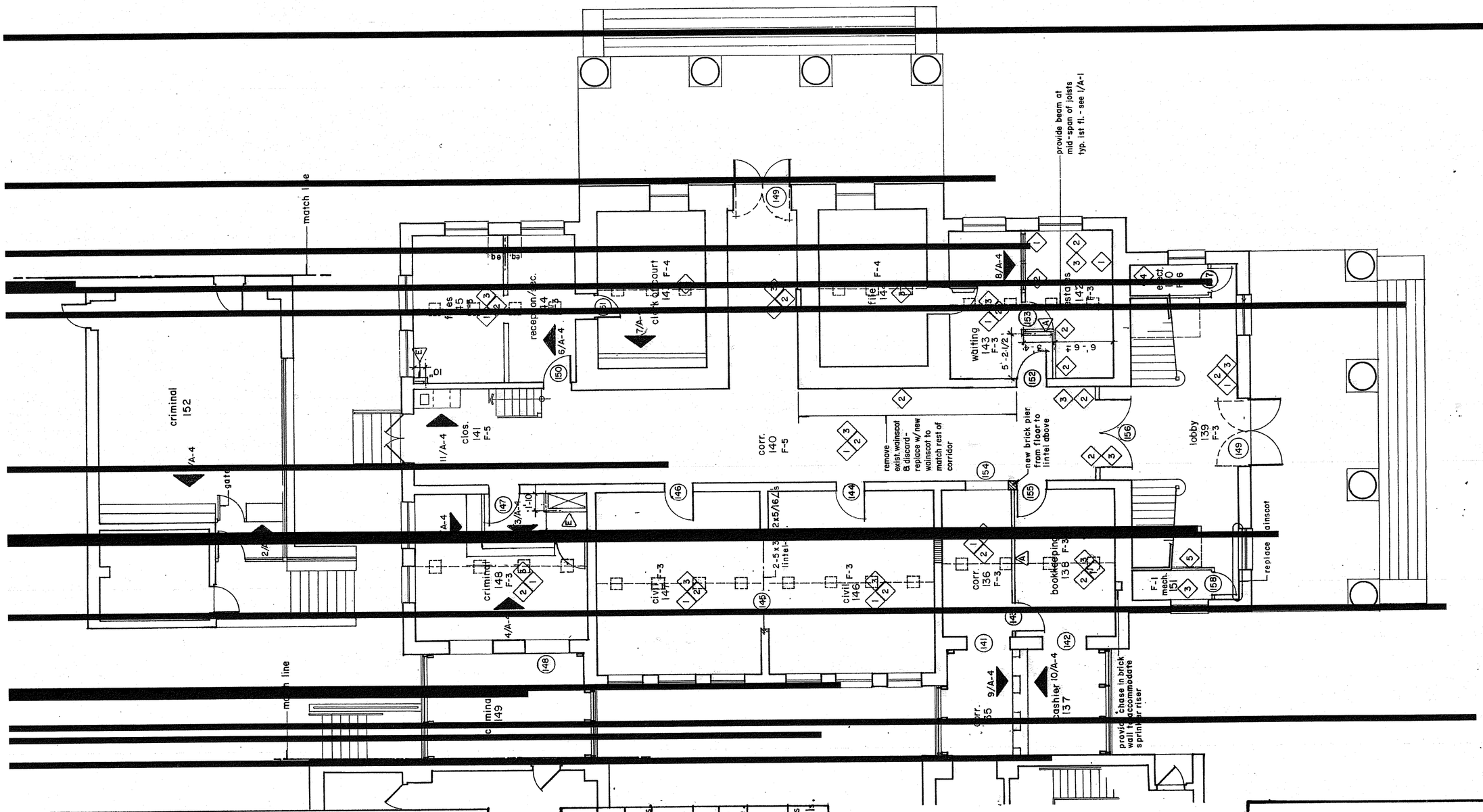
mark	floor	base	walls	wainscot	ceiling	remarks
F-1	wood	wood-ptd.	gwb- ptd	none	ptd. wood	repair exist. wood floor as req'd w/ matchg. matls.
F-2	ceramic tile	ceramic tile	vinyl w.c.	ceramic tile to chair rail	ptd. gwb	provide new chair rail as req'd to match exist.
F-3	carpet	wood- ptd.	vinyl w.c.	wood- ptd.	ptd. gwb	wainscot to match exist.
F-4	carpet	wood-ptd.	vinyl w.c.	none	ptd. gwb	provide new wood base to match exist. original base.
F-5	carpet & exist. wood-refinished	wood- ptd.	vinyl w.c.	wood-ptd.	ptd. gwb	refinish entire wood floor this area.
F-6	wood	wood- ptd.	wood- ptd.	none	ptd. gwb	repair exist. wood floor as required w/ matching matl.

FINISH NOTES:

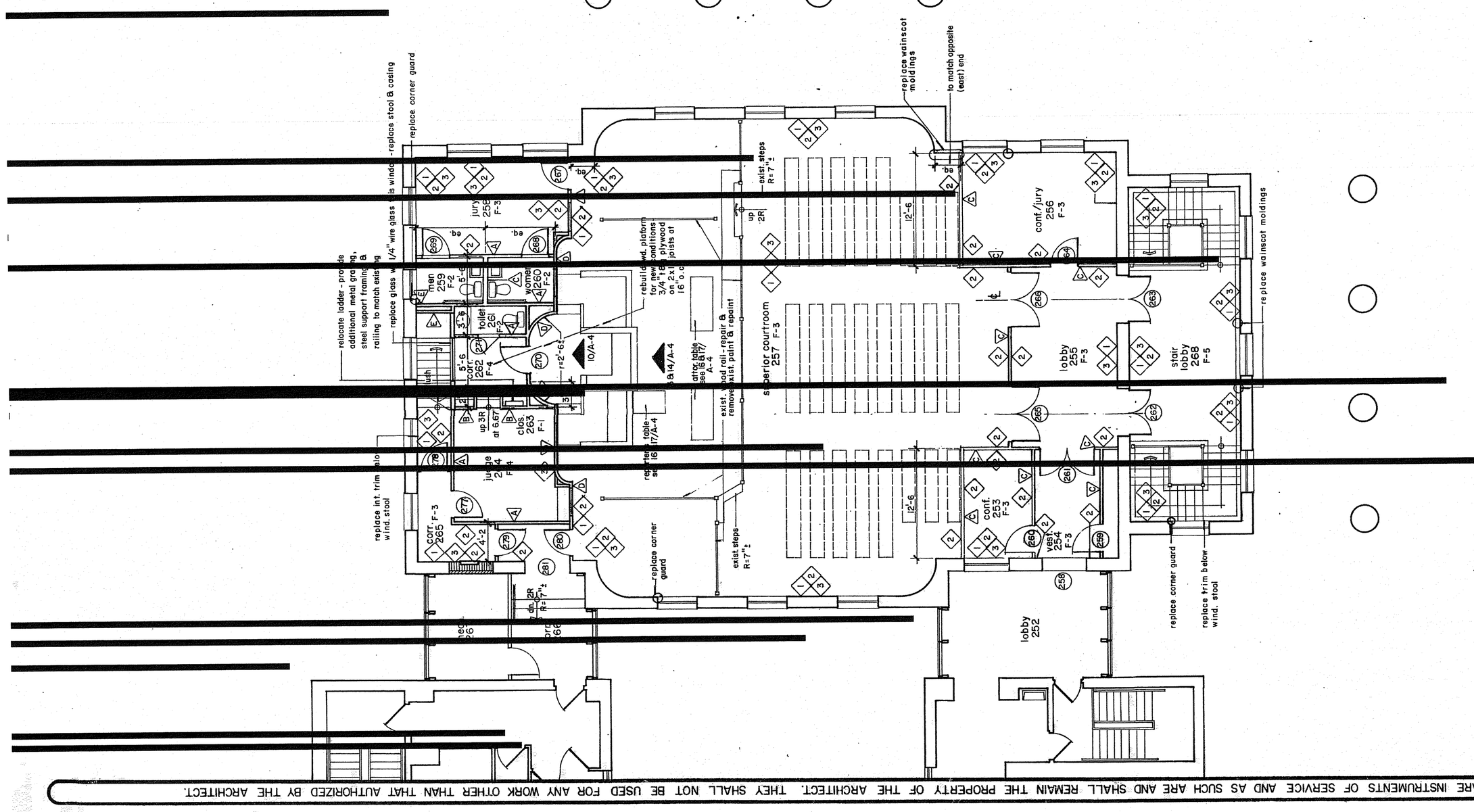
1. Reinstall existing wood base, wainscot, chair rail, window stools and trim removed for masonry walls with treated wood furring strips on new or exist. stud partitions unless noted otherwise. Face of wainscot to face of masonry shall be the same as the original installation.
2. Install new wood base, wainscot, chair rail, and window stool where required to match existing with treated wood furring strips on new or existing masonry walls unless noted otherwise. Face of wainscot to face of masonry shall be the same as the original installation.
3. Provide 5/8" gwb on existing masonry walls with treated wood or met. furring strips on new or existing stud partitions. Face of gwb to face of masonry shall be the same as the original installation of face of masonry to face of plaster. Space furring 16" o.c.
4. Reinstall existing wood base and other moldings. Profile new wood walls and ceiling to match existing. Repair as required with wood to match existing.
5. Provide new panelled wall to match existing at room 150.



1 footing detail: 1" = 1'-0



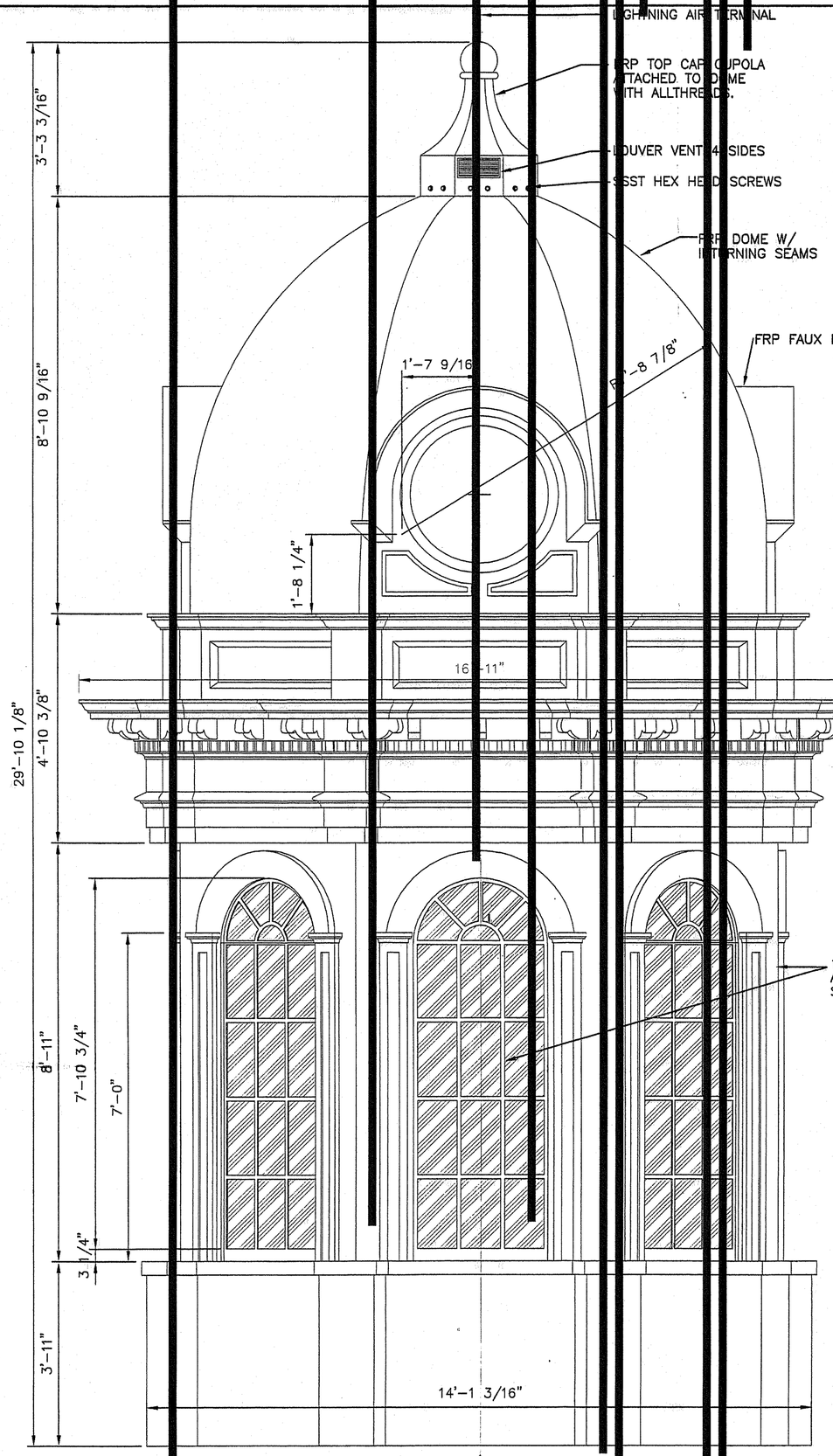
1 first floor plan : 1/8" = 1'-0



2 second floor plan : 1/8" = 1'-0

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND AS SUCH ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. THEY SHALL NOT BE USED FOR ANY WORK OTHER THAN THAT AUTHORIZED BY THE ARCHITECT.

SOUTHERN PHOTO GREENSBORO N15724



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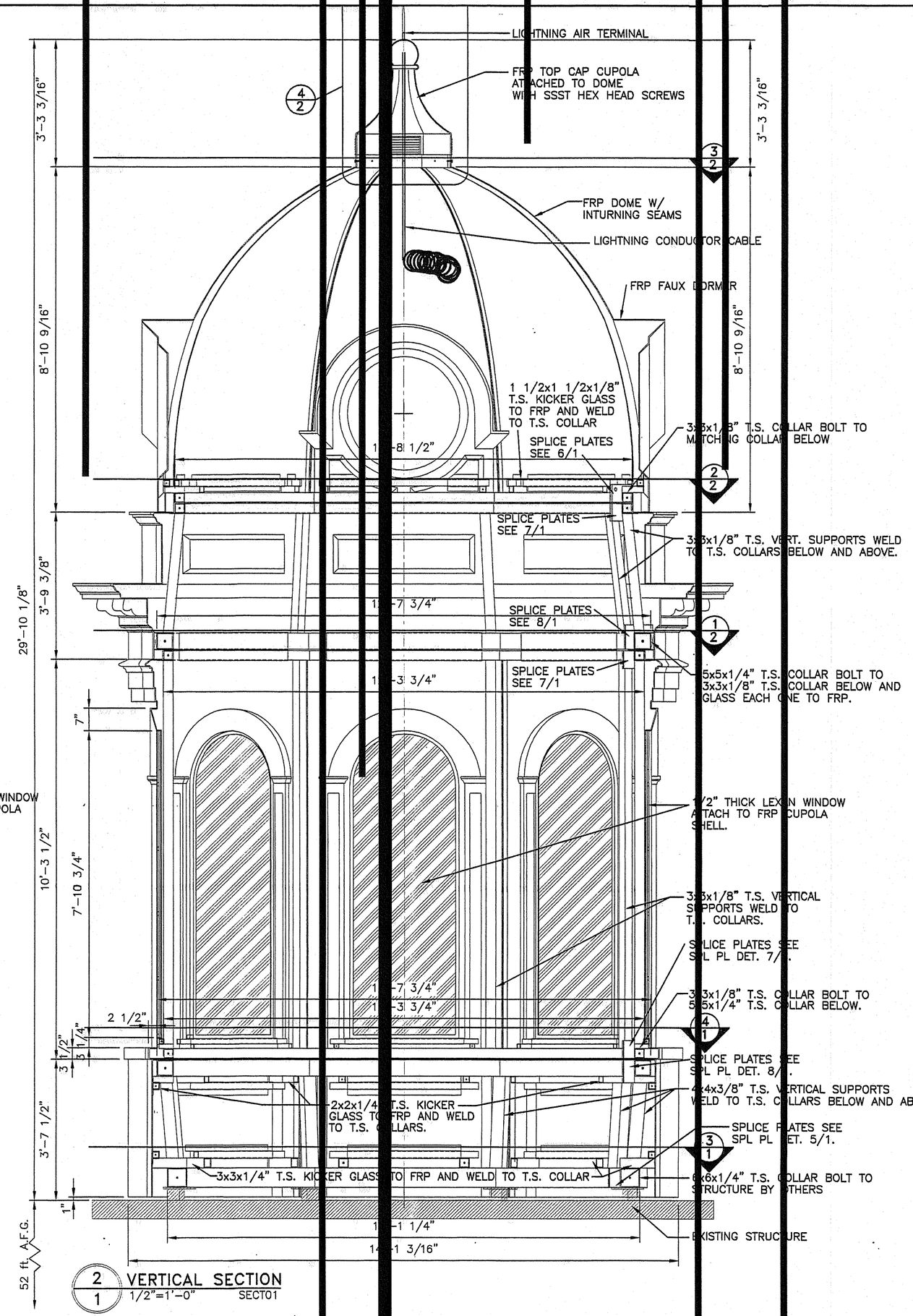
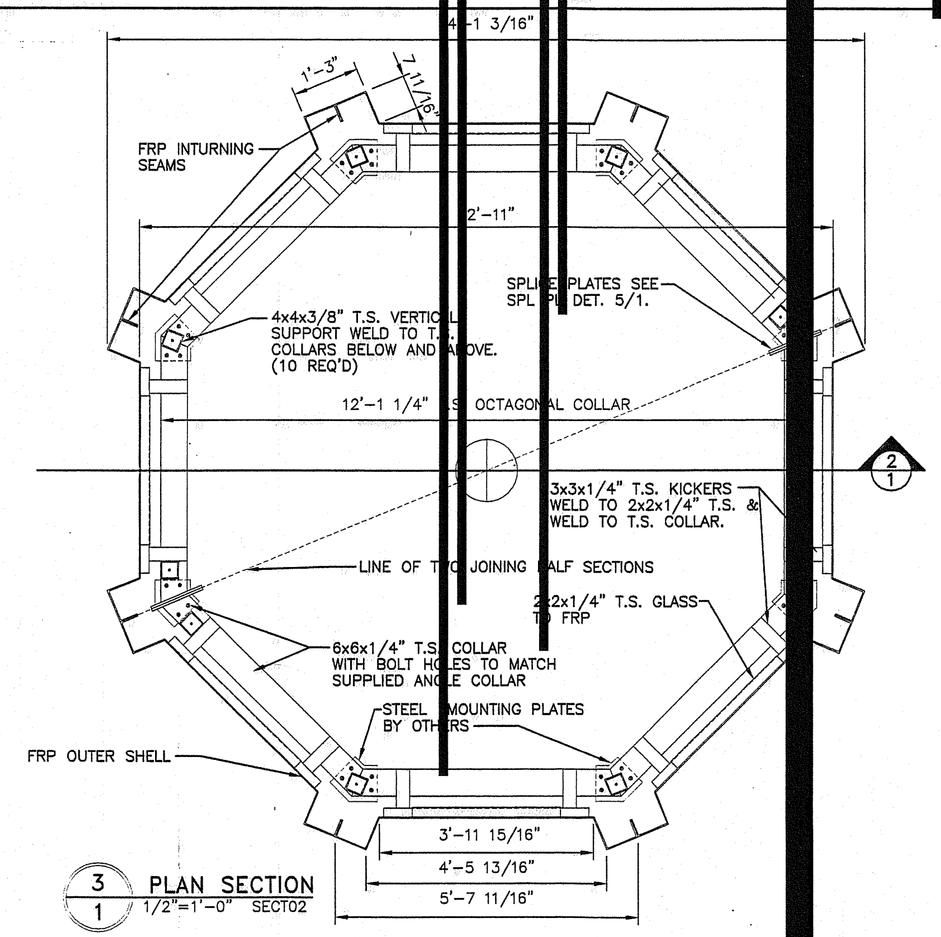
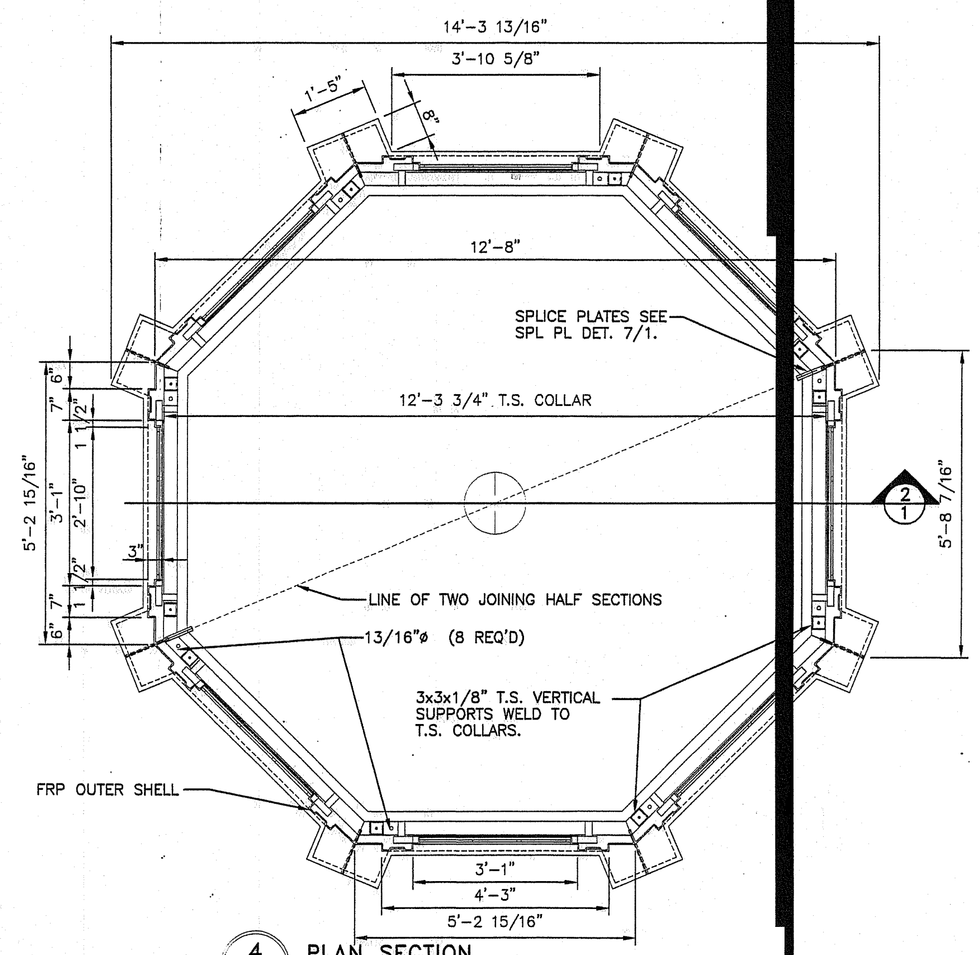
1/2"=1'-0" ELEV01



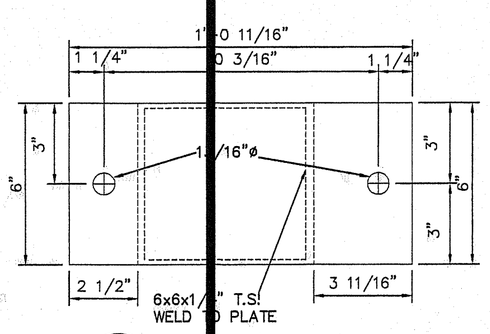
2/1 VERTICAL SECTION
1/2"=1'-0" SECT01



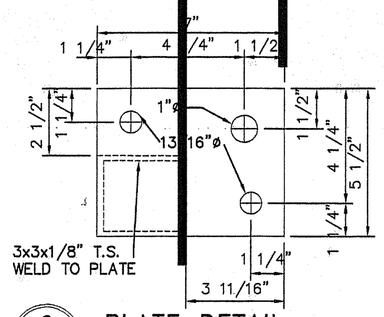
3/1 PLAN SECTION
1/2"=1'-0" SECT02



4/1 PLAN SECTION
1/2"=1'-0" SECT03



5/1 PLATE DETAIL
3"=1'-0" SPL PLT01
1/2" STEEL PLATE
(4 REQ'D)



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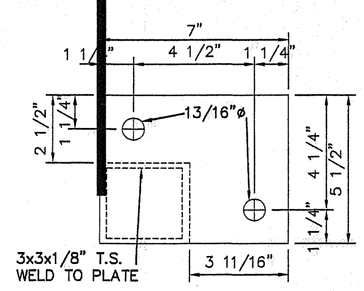

7/1 PLATE DETAIL
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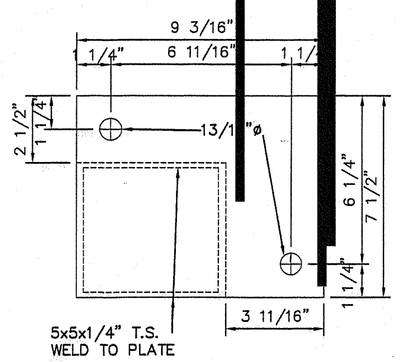
(12 REQ'D)



8/1 PLATE DETAIL
3"=1'-0" SPL PLT04
1/2" STEEL PLATE
(12 REQ'D)

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5. ASSEMBLY & INSTALLATION SHALL BE BY OTHERS.
6. ALTHOUGH THE CUPOLA IS WATER RESISTANT THE INSTALLER SHALL BE RESPONSIBLE FOR FINAL WATERTIGHT CONNECTIONS IN JOINING CUPOLA SECTIONS TOGETHER AND SEALING THE JOINTS. THE ATTACHMENT OF THE CUPOLA TO THE ROOF IS THE INSTALLERS RESPONSIBILITY.

ALL STEEL APPLY RUST INHIBITIVE PAINT

COLOR WHITE

APPROVED BY _____ DATE: _____

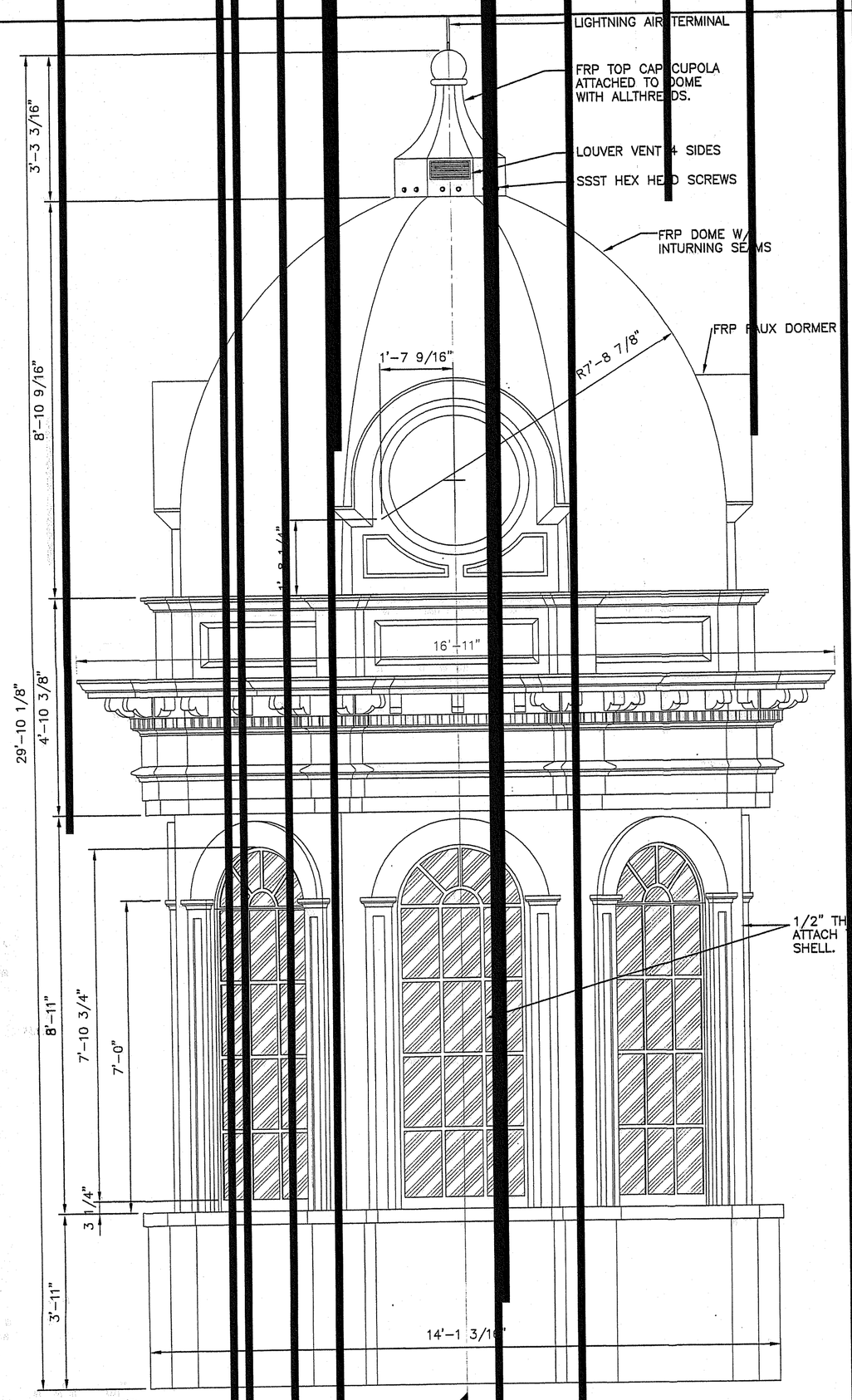
SHEET FILE NAME: CARTERET C./PRINT1
DRAWN BY: TE
CHECKED BY: RH 0/0/0
APPROVED BY: RH 0/0/0
DATE: 1-13-06
REVISIONS: TOP CAP 2-8-06

FIBERGLASS SPECIALTIES INCORPORATED

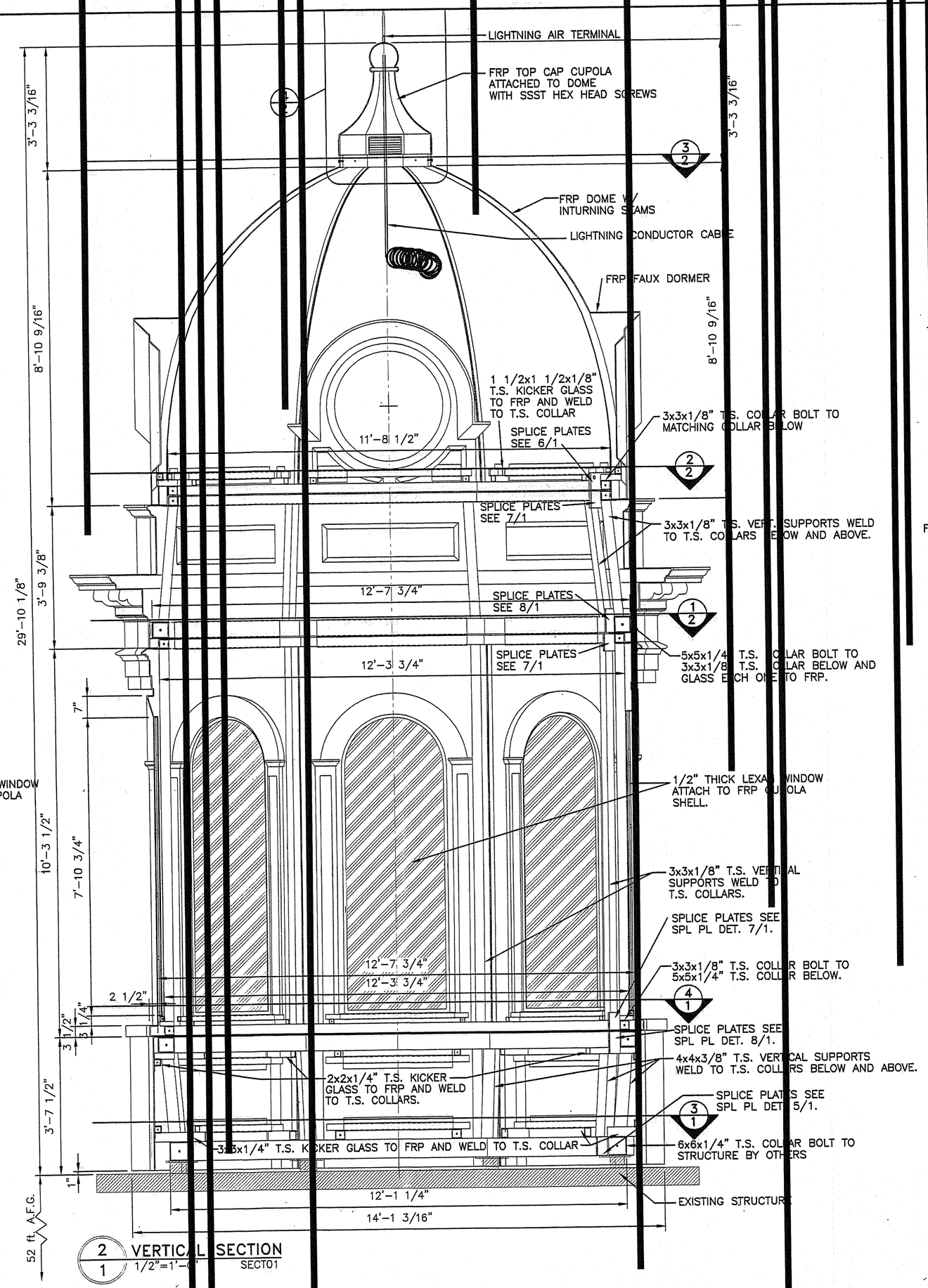
A CUSTOM CUPOLA REPLICATION FOR THE CARTERET COUNTY COURTHOUSE
BEAUFORT, NORTH CAROLINA

P.O.BOX 1340
HENDERSON, TEXAS
75653-1340
903/657-6522
FAX# 903/657-2318

SHEET NO. 1 OF 2



1/1 ELEVATION
1/2"=1'-0" ELEV01



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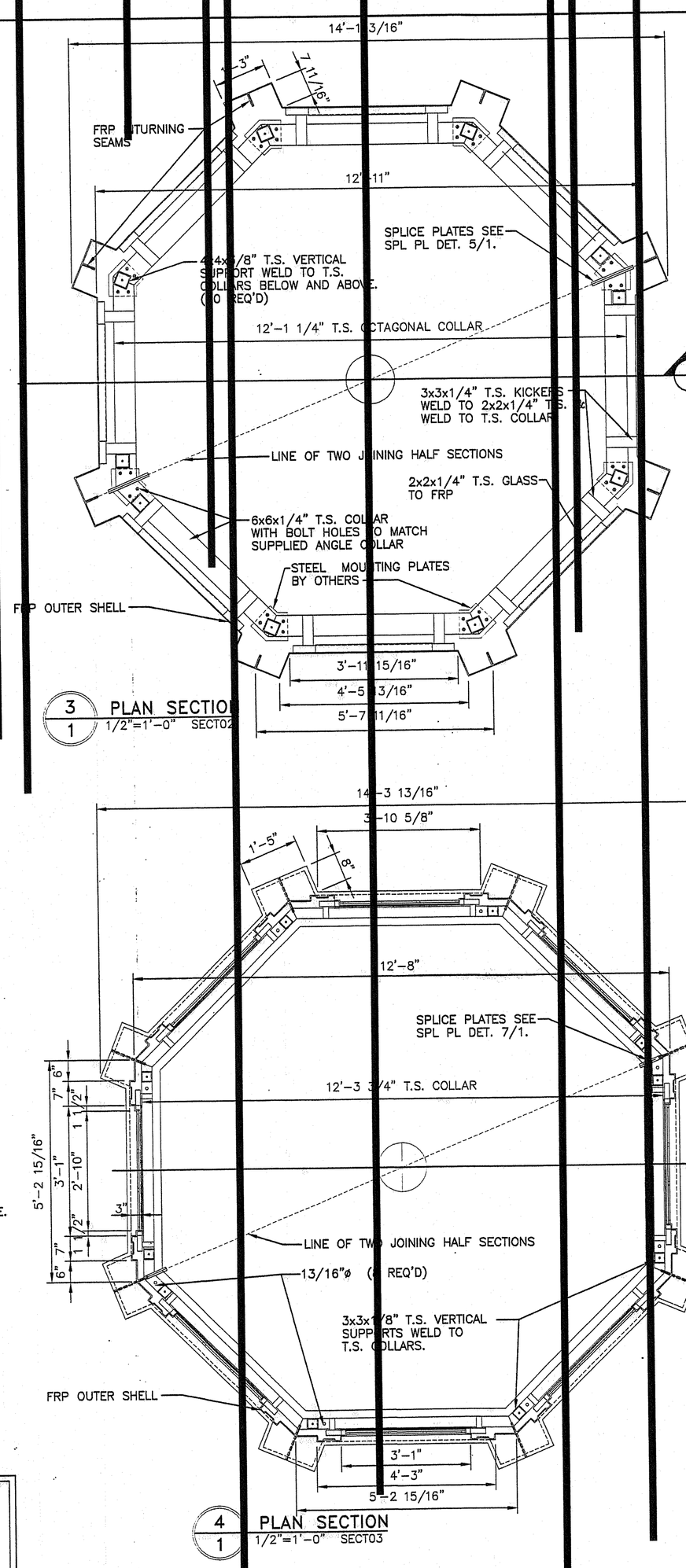

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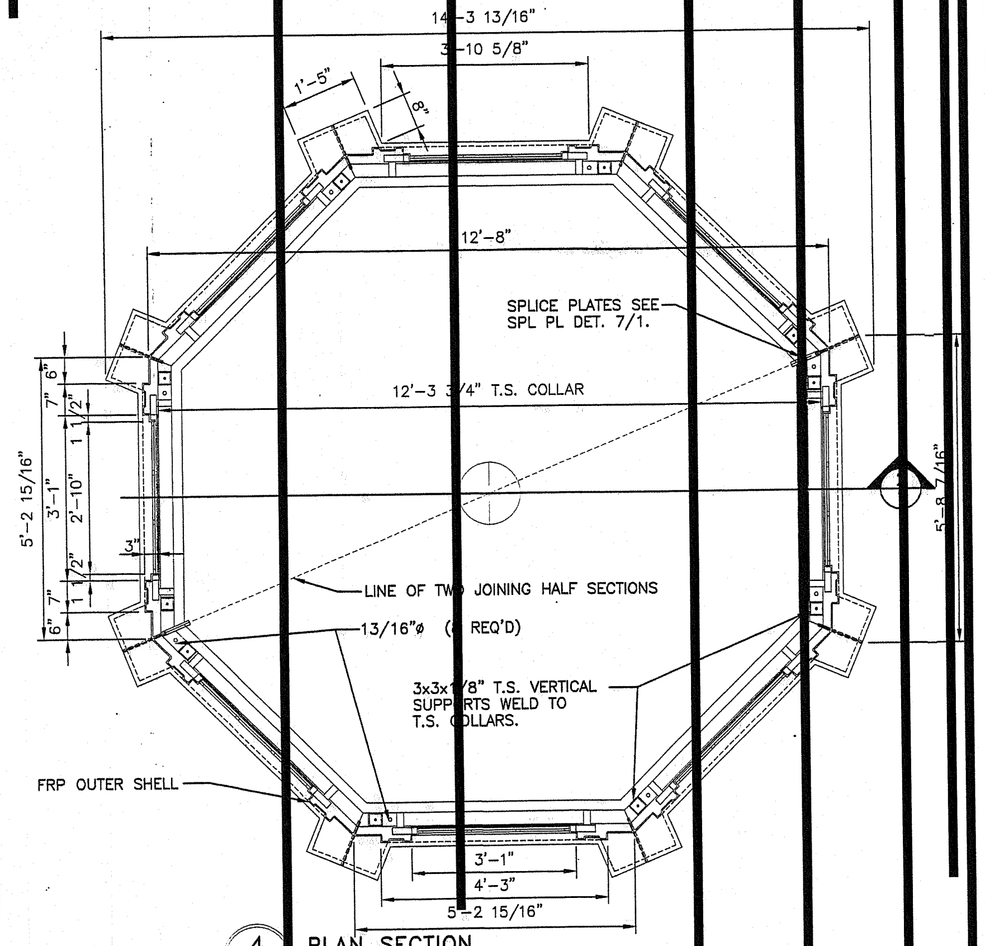

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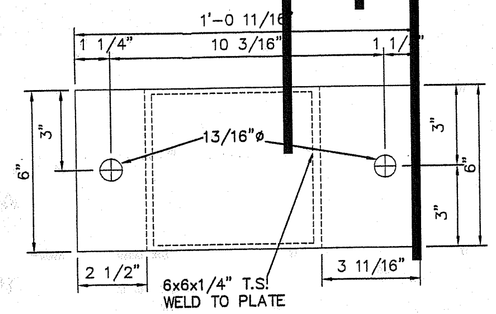

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1/2" STEEL PLATE
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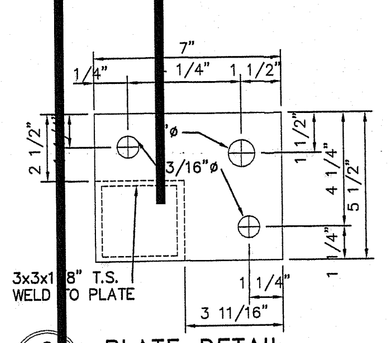

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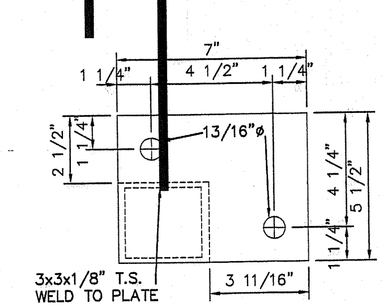

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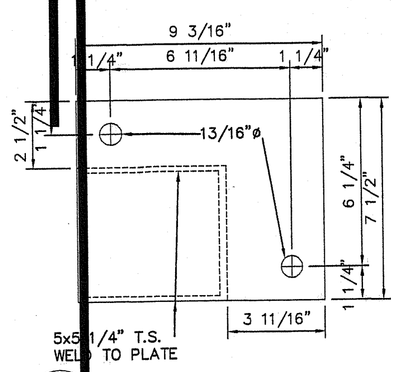

8/1 PLATE DETAIL
3"=1'-0" SPL PLT04
1/2" STEEL PLATE
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5. ASSEMBLY & INSTALLATION SHALL BE BY OTHERS.
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ALL STEEL APPLY RUST INHIBITIVE PAINT

COLOR WHITE

APPROVED BY _____ DATE: _____

SHEET FILE NAME: CARTERET C./PRINT01
DRAWN BY: THE
CHECKED BY: 0/0/0
APPROVED BY: 0/0/0
DATE: 1-13-06
REVISIONS: TOP CAP 2-8-06

FIBERGLASS SPECIALTIES INCORPORATED

A CUSTOM CUPOLA REPLICATION FOR THE CARTERET COUNTY COURTHOUSE
BEAUFORT, NORTH CAROLINA

P.O.BOX 1340
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75653-1340
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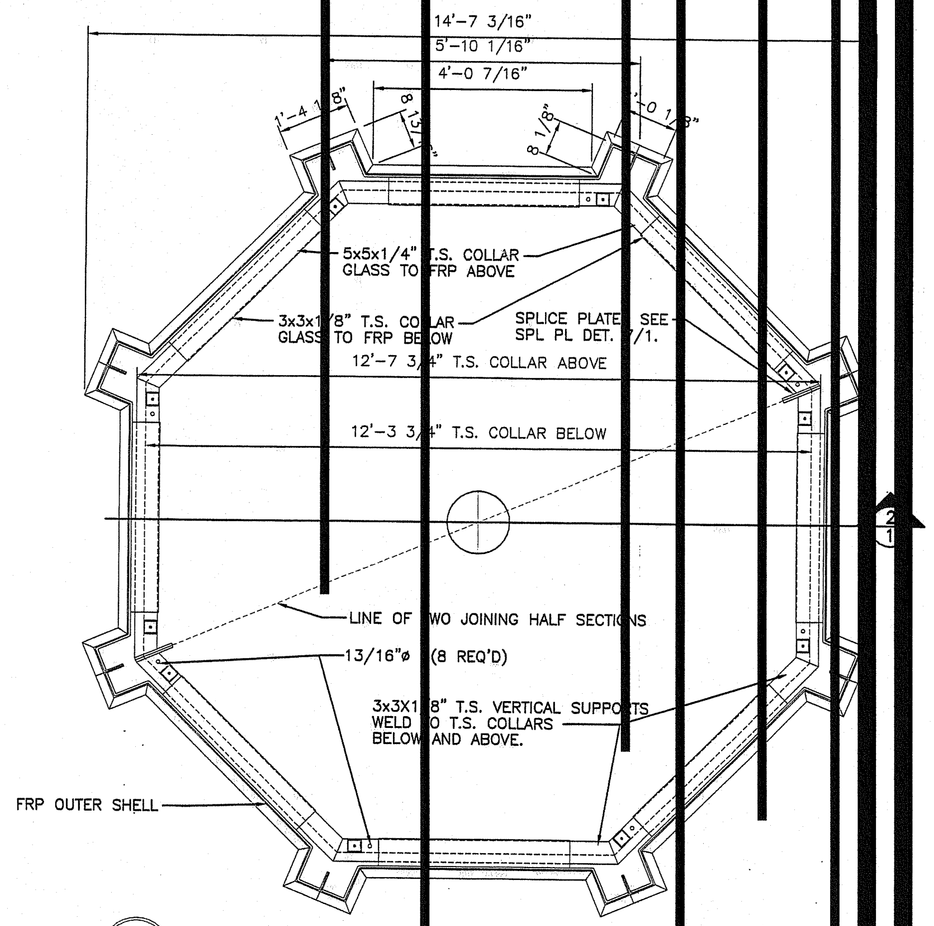
SHEET NO. 1 OF 2



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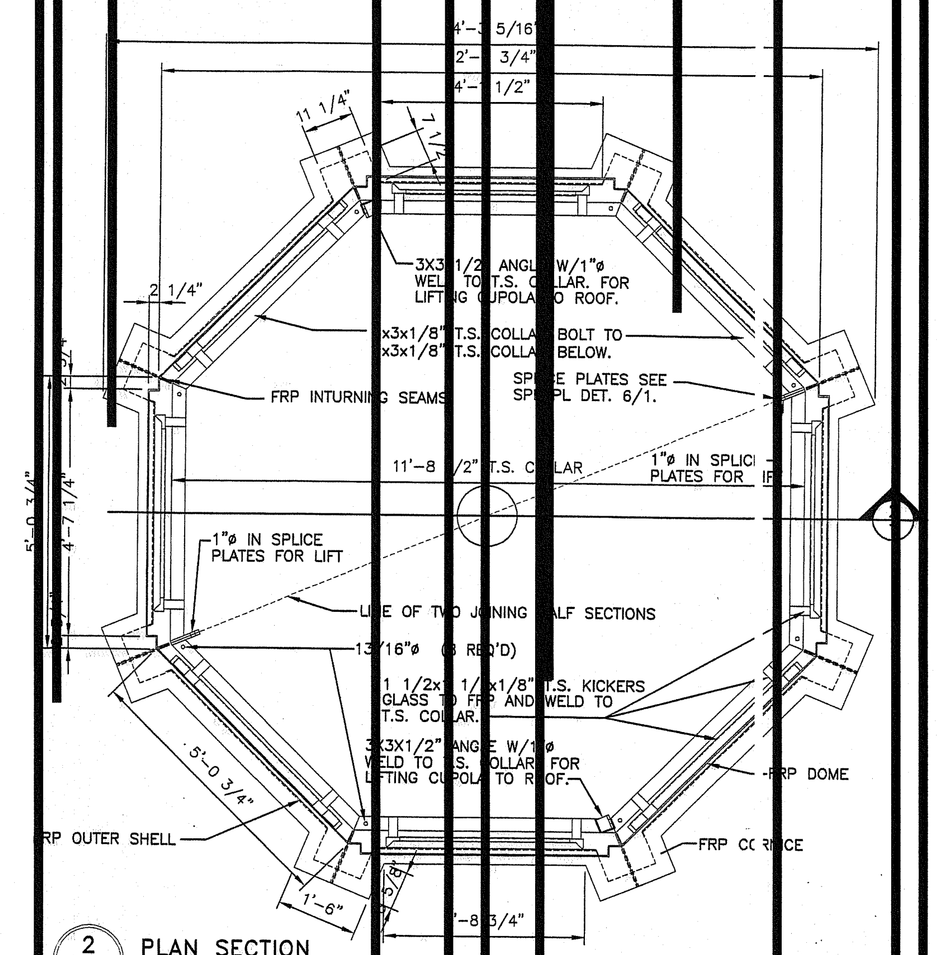

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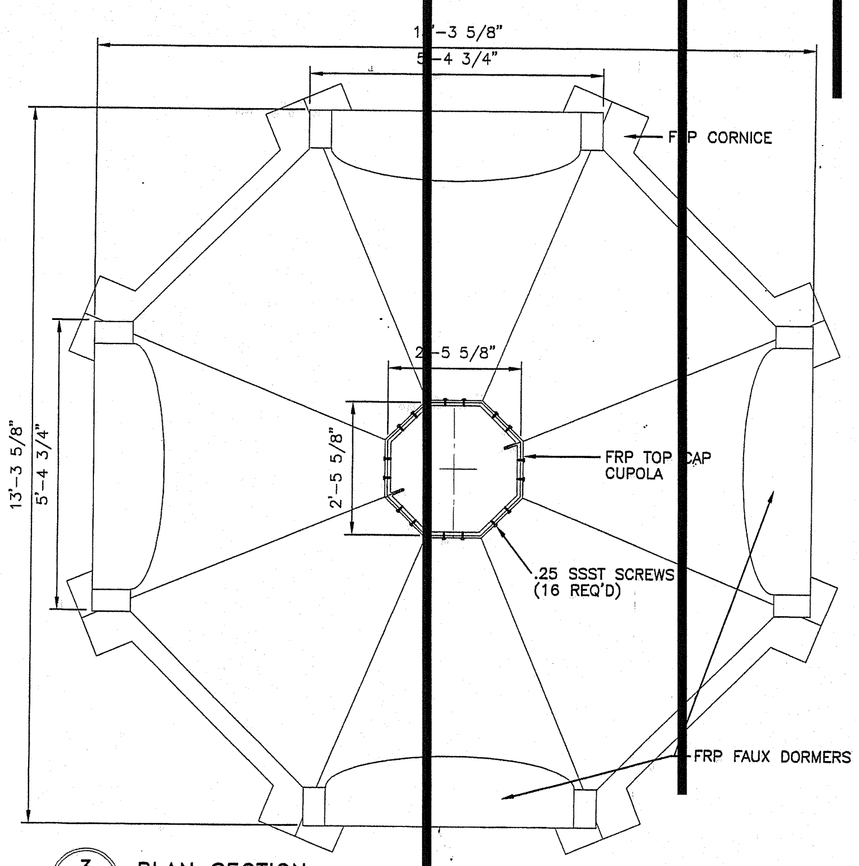

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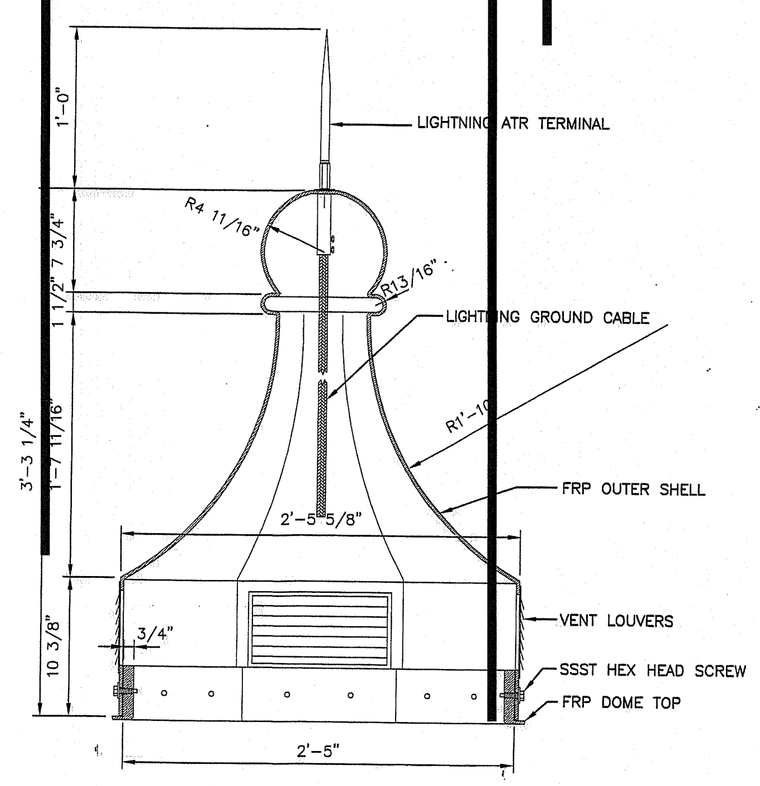

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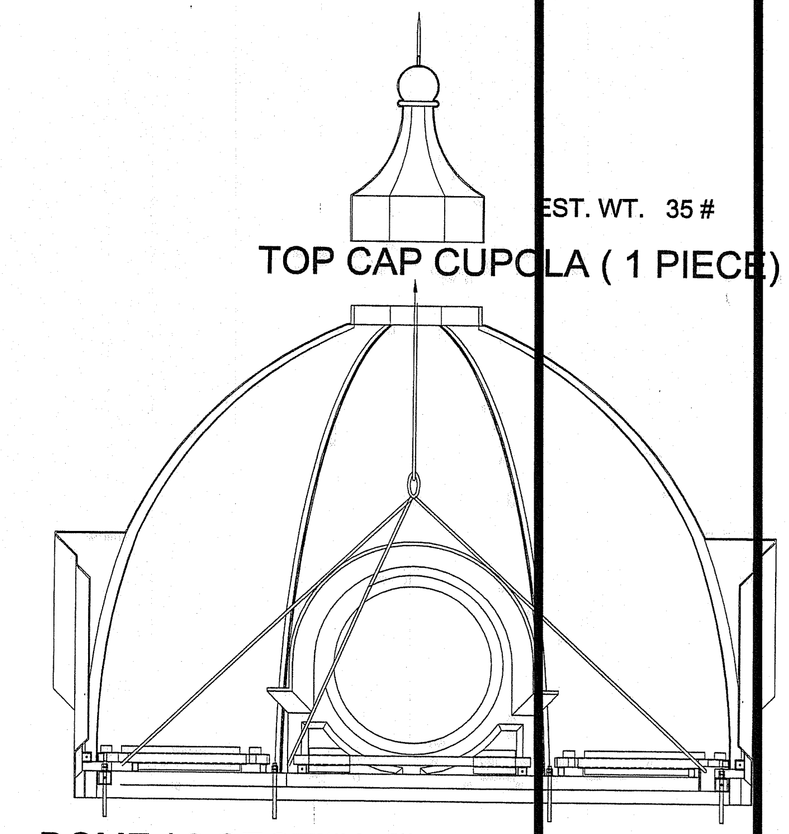
1 1/2"=1'-0" DET SECT02

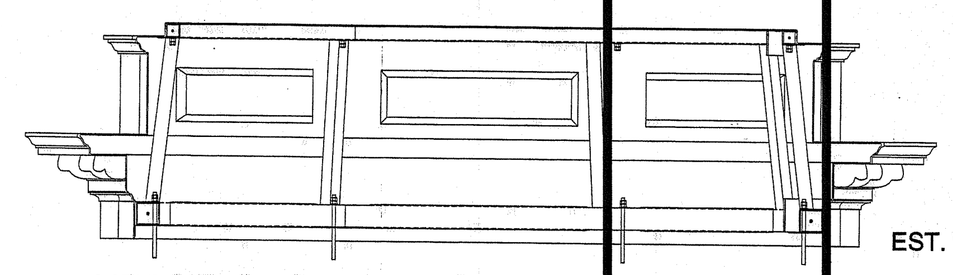


EST. WT. 35 #

TOP CAP CUPOLA (1 PIECE)

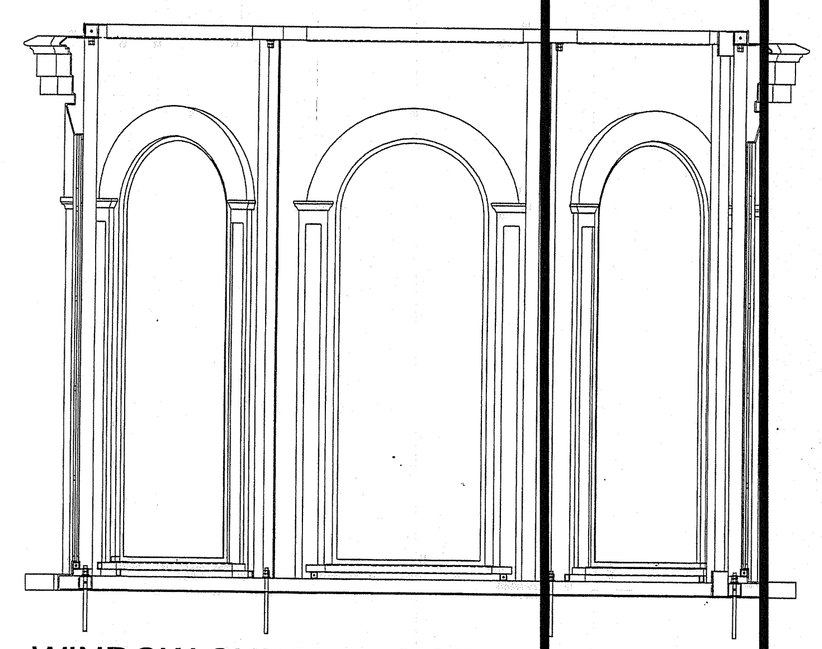
EST. WT. 1,850 #

DOME (2 SECTIONS)



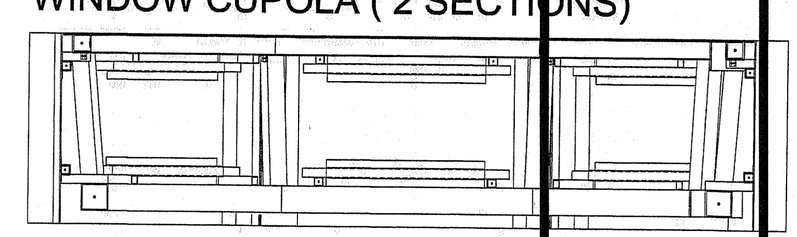
EST. WT. 2,100 #

UPPER CUPOLA (2 SECTIONS)



EST. WT. 2,800 #

WINDOW CUPOLA (2 SECTIONS)



EST. WT. 1,500 #

BASE CUPOLA (2 SECTIONS)

ASSEMBLY SEQUENCE

TOTAL ESTIMATED WEIGHT 8,300 #

SHEET FILE NAME:	CARTERET C./PRINT02
DRAWN BY:	THE
CHECKED BY:	RH 0/0/0
APPROVED BY:	RH 0/0/0
DATE:	1-13-06
REVISIONS:	STEEL REV. 1-27-06 T. CAP REV. 2-8-06

FIBERGLASS SPECIALTIES INCORPORATED

A CUSTOM CUPOLA REPLICATION
FOR THE
CARTERET COUNTY COURTHOUSE
BEAUFORT, NORTH CAROLINA

P.O.BOX 1340
HENDERSON, TEXAS
75653-1340
903/657-6522
FAX# 903/657-2318

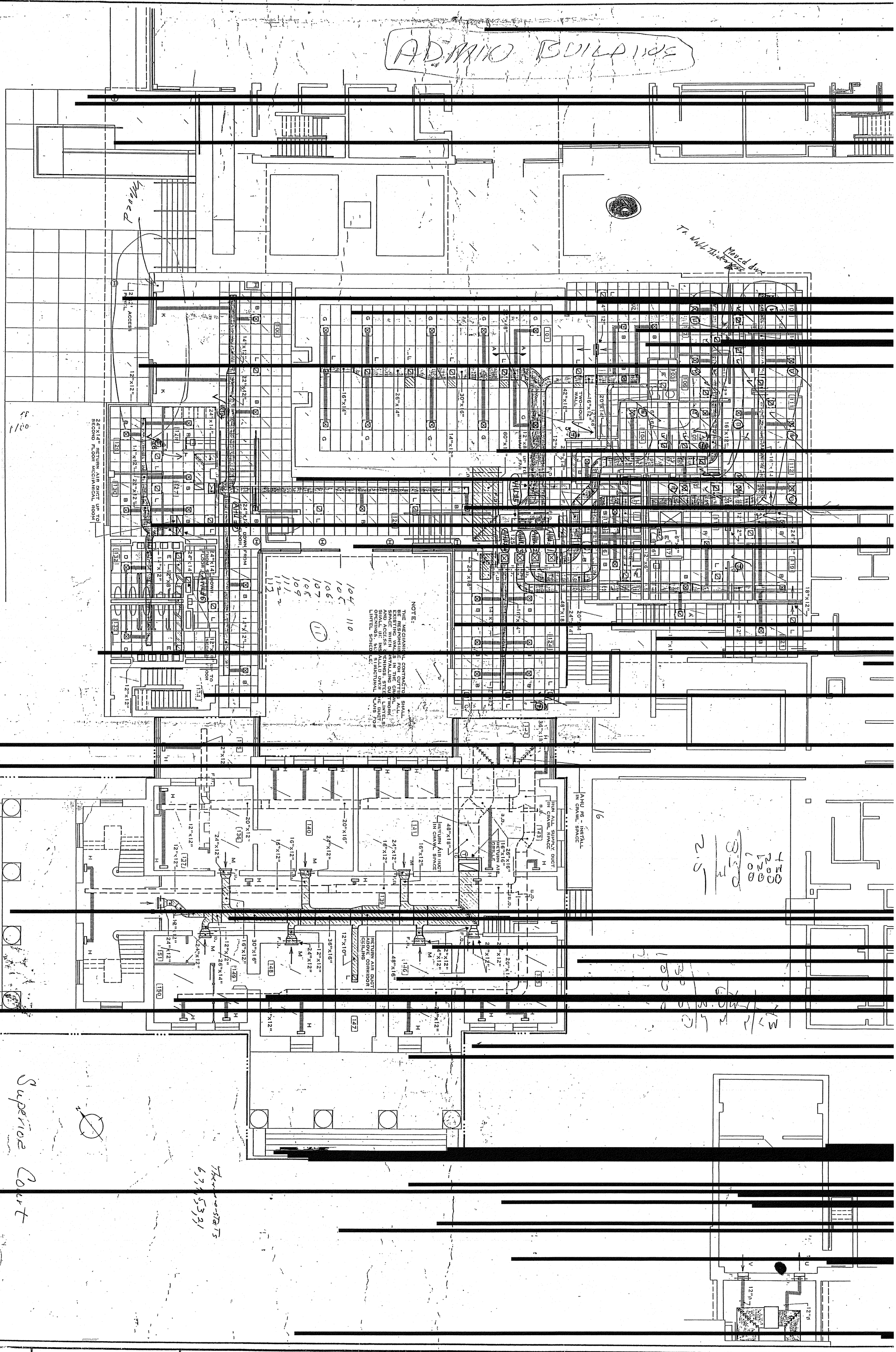
SHEET NO. 2 OF 2

SOUTHERN PHOTO - GREENSBORO N15724

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND AS SUCH ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. THEY SHALL NOT BE USED FOR ANY WORK OTHER THAN THAT AUTHORIZED BY THE ARCHITECT.

First Floor Mechanical Plan

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



NOTE: ALL WORK WITHIN THE BORDERED AREA SHALL BE PROVIDED UNDER ALTERNATE M-1.

Superior Court

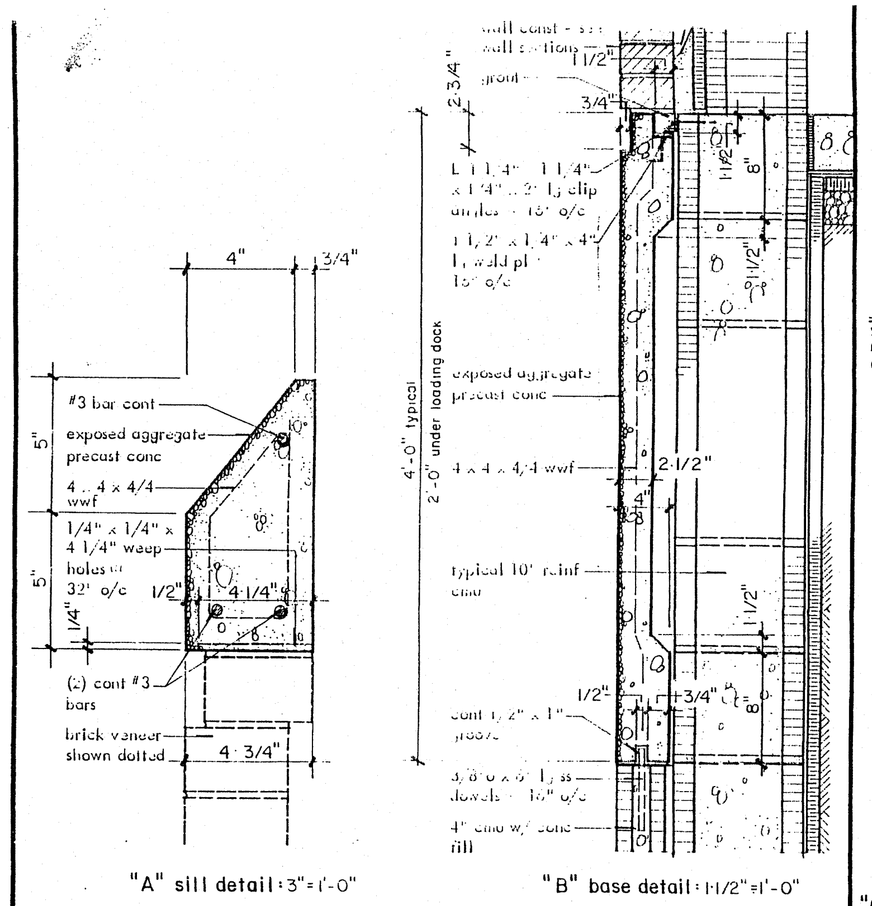
DRAWING NUMBER M-2 COURT

phase II
carteret county courthouse
beaufort, north carolina

DRAWING RELEASE & REVISIONS		
DATE	DESCRIPTION	REV.

Consulting Engineers:
PROGRESSIVE DESIGN COLLABORATIVE, Ltd.
POST OFFICE BOX 19323
RALEIGH, N. C. 27619
TELEPHONE 919-851-8030

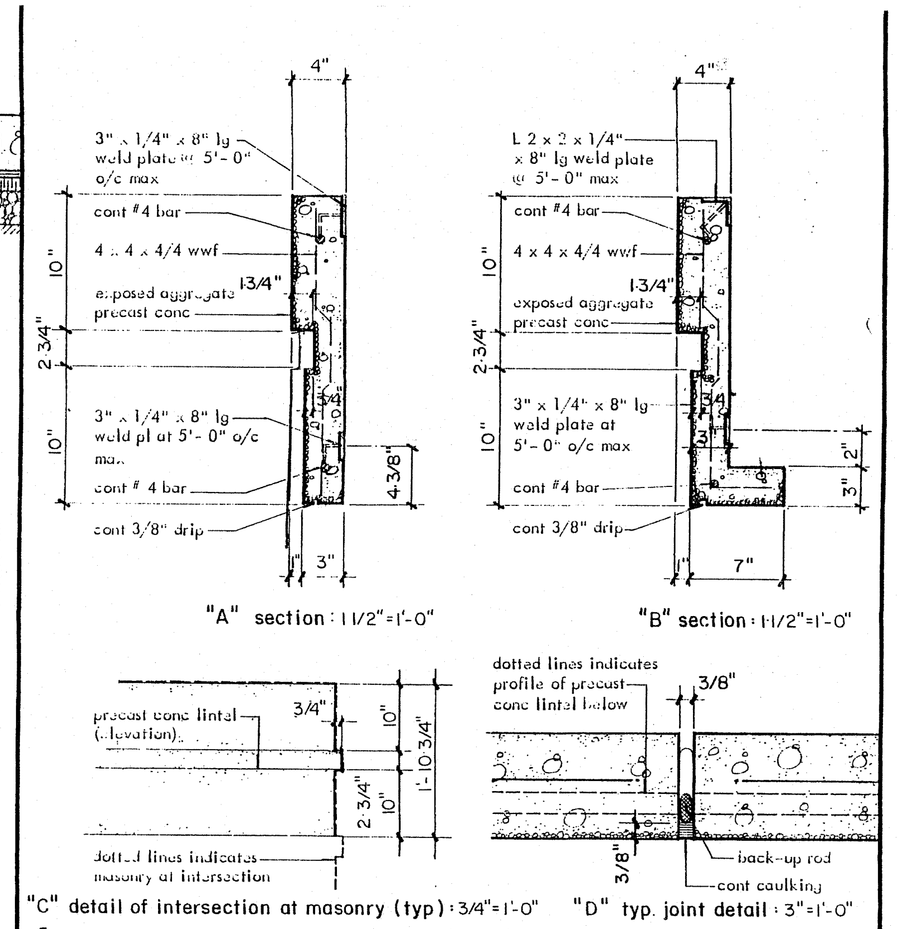
AIA
BARTHOLOMEW ASSOCIATES, INC
ARCHITECTS
Raleigh, North Carolina
Telephone 919 787 3321
Myrtle Beach, South Carolina
Telephone 803 449 04



"A" sill detail : 3" = 1'-0"

"B" base detail : 1-1/2" = 1'-0"

5 typical precast sill and base details :



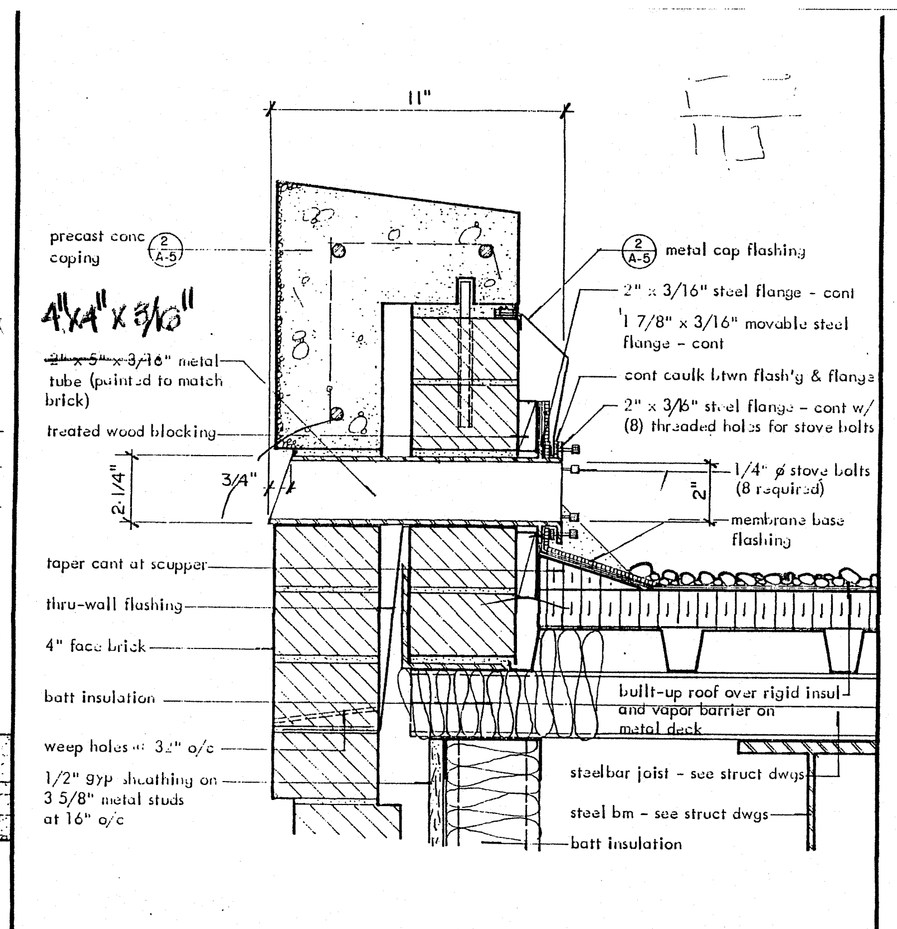
"A" section : 1 1/2" = 1'-0"

"B" section : 1-1/2" = 1'-0"

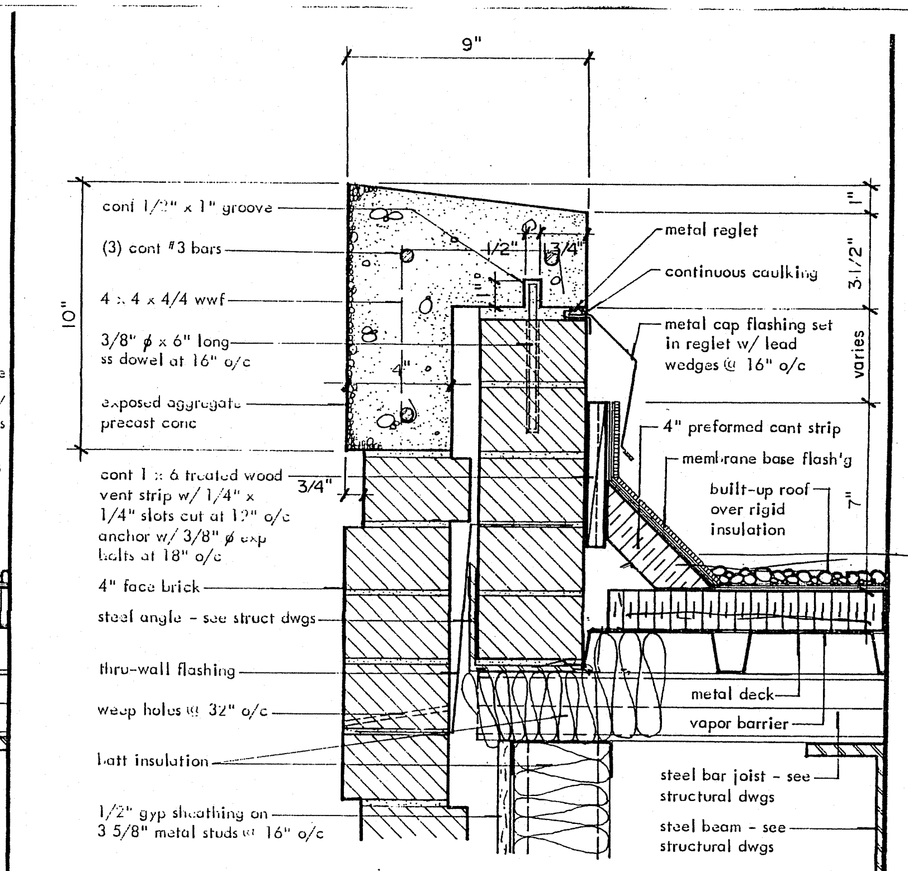
"C" detail of intersection at masonry (typ) : 3/4" = 1'-0"

"D" typ. joint detail : 3" = 1'-0"

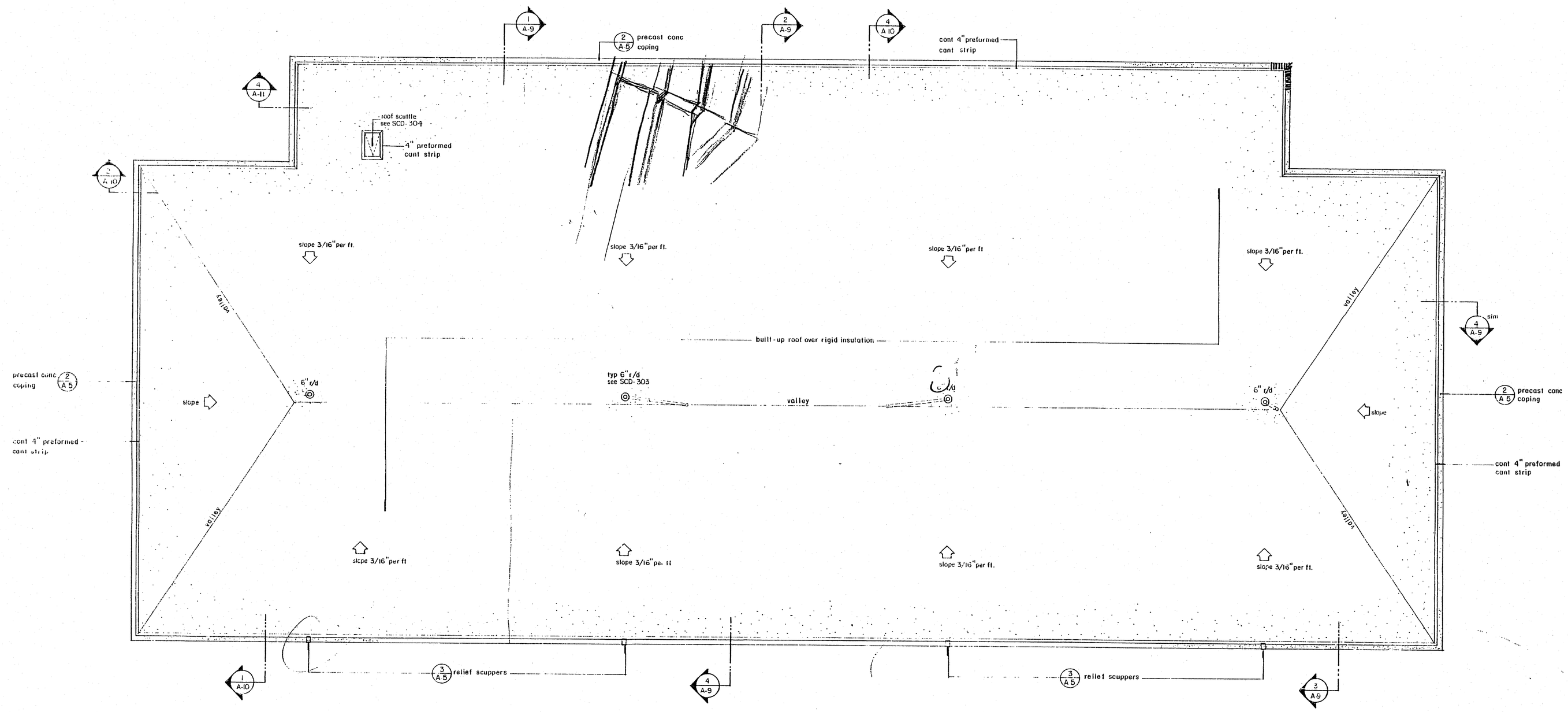
4 typical precast lintel details : note : joint detail "D" typical for all precast work



3 relief scupper detail : 3" = 1'-0"



2 typical parapet and cap flashing detail : 3" = 1'-0"



1 roof plan : 1/8" = 1'-0"

BARTHOLOMEW AND WAKEHAM
ARCHITECTS
SUITE 290 - 3700 COMPUTER DRIVE
RALEIGH, NORTH CAROLINA 27609
TELEPHONE 919 787 3321

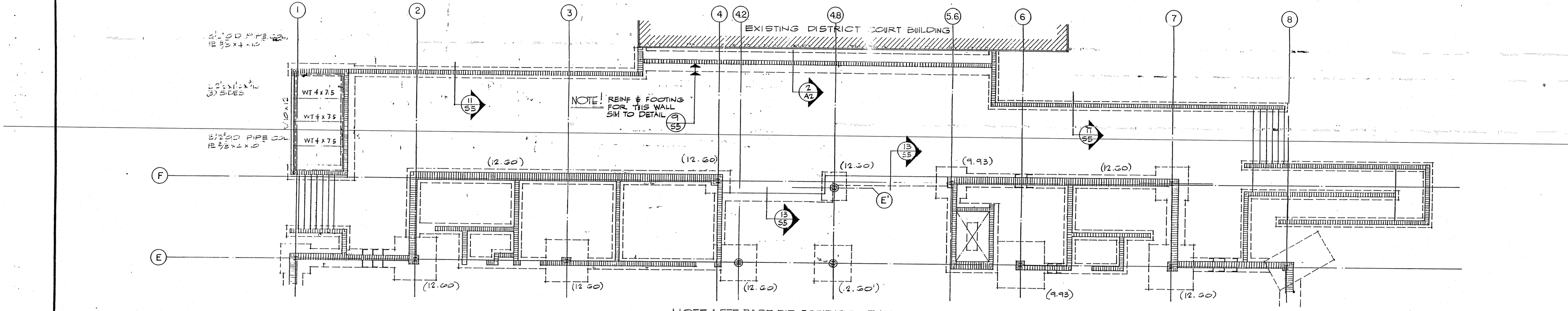
DRAWING RELEASE & REVISIONS		
DATE	DESCRIPTION	REV.

phase I
carteret county administration building
beaufort, north carolina

DRAWING NUMBER
A-5

JOB NUMBER

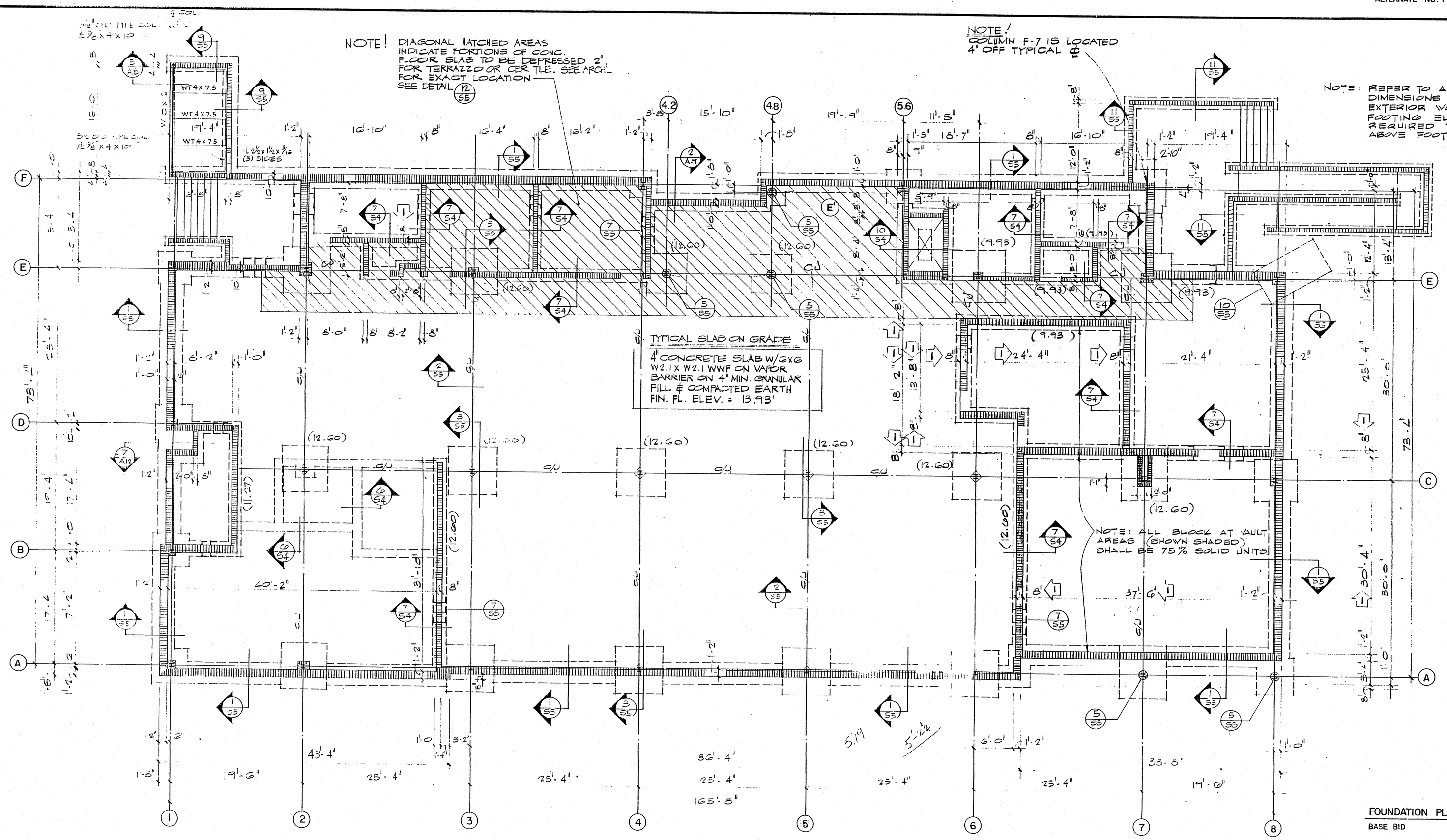
RELEASED FOR CONSTRUCTION 5-20-80



NOTE: SEE BASE BID FOUNDATION PLAN BELOW FOR DIMENSIONS, NOTES & DETAILS NOT SHOWN.

PARTIAL FOUNDATION PLAN $\frac{1}{8}$" = 1'-0"

ALTERNATE NO. 1



NOTE: REFER TO ARCH. DRAWINGS FOR DIMENSIONS AT RAMPS AND EXTERIOR WALLS AND STEPS. FOOTING ELEVATIONS SHALL BE AS REQUIRED TO MAINTAIN 12" SOIL ABOVE FOOTINGS.

FOUNDATION PLAN $\frac{1}{8}$" = 1'-0"

BASE BID

NOTE: ELEVATION TOP OF ALL FOOTINGS: 9.26' U.O.N BY ELEV. IN PARENTHESIS INTERIOR COLUMNS MUST BEAR ON

LASATER HOPKINS ENGINEERS Raleigh·N.C.

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DRAWING RELEASE & REVISIONS		
DATE	DESCRIPTION	REV.
SEPT. 24, 80	CONTRACT REVISIONS	1

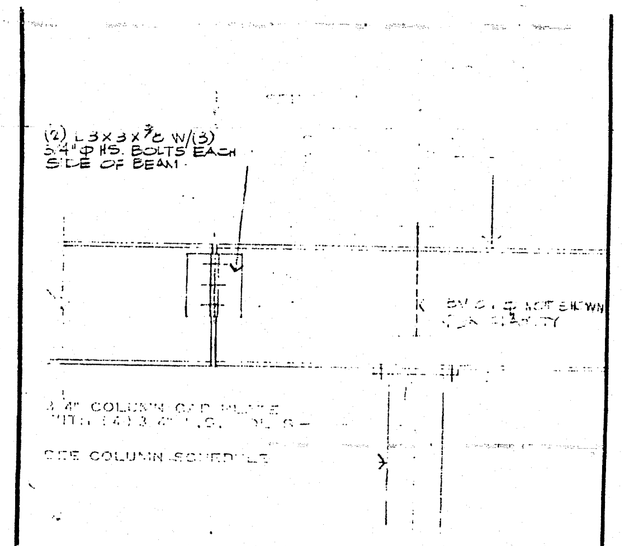
phase I
carteret county administration building
beaufort, north carolina

DRAWING NUMBER

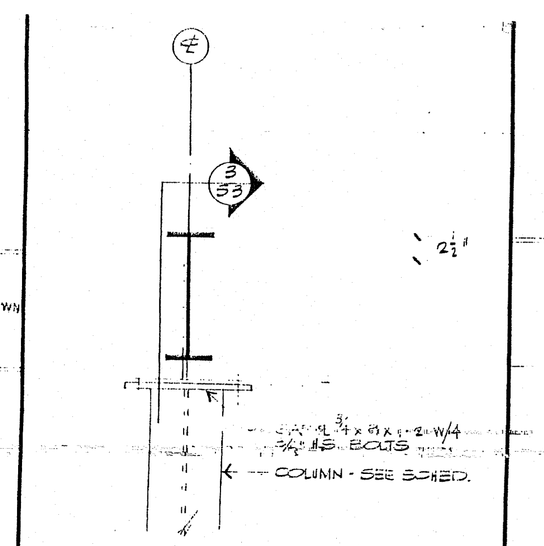
S-1

JOB NUMBER

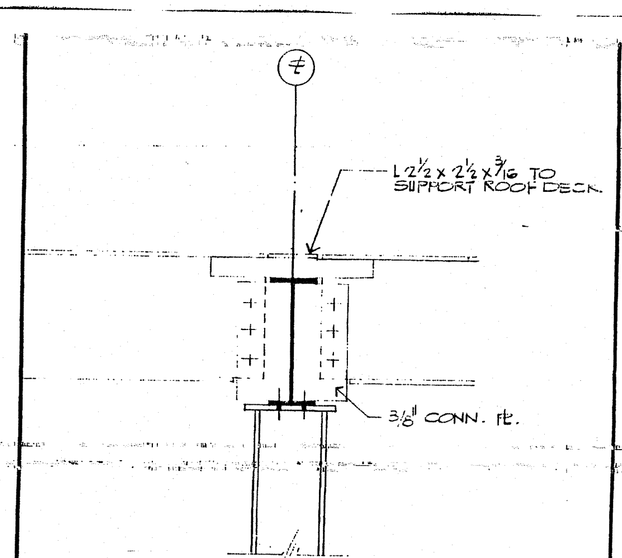
RELEASED FOR CONSTRUCTION 6-20-80



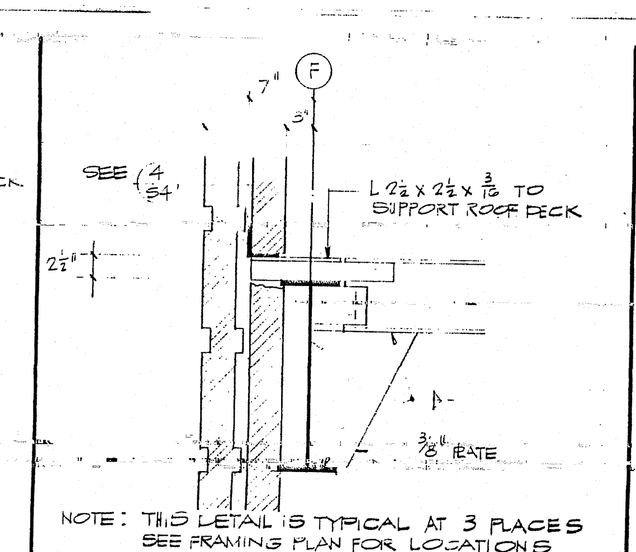
1 TYPICAL HINGE DETAIL
NO SCALE



2 BEAM CONNECTION
1" = 1'-0"

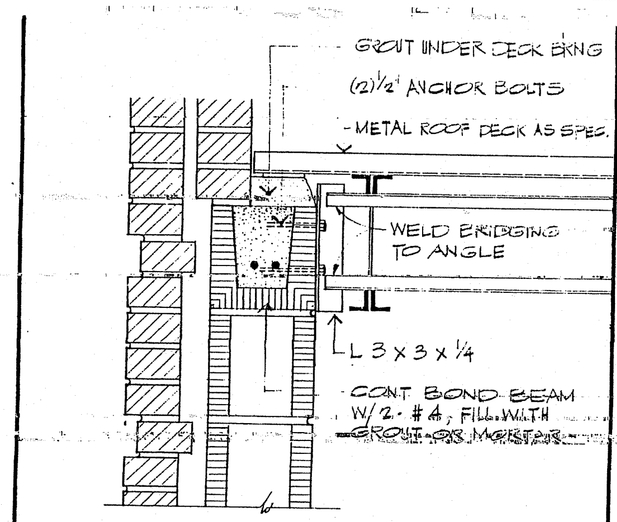


3 BEAM CONNECTION
1" = 1'-0"

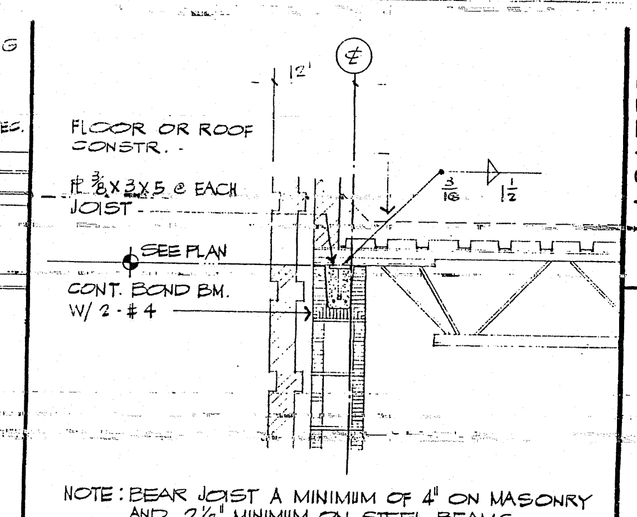


NOTE: THIS DETAIL IS TYPICAL AT 3 PLACES SEE FRAMING PLAN FOR LOCATIONS

4 BEAM CONNECTION
1" = 1'-0"

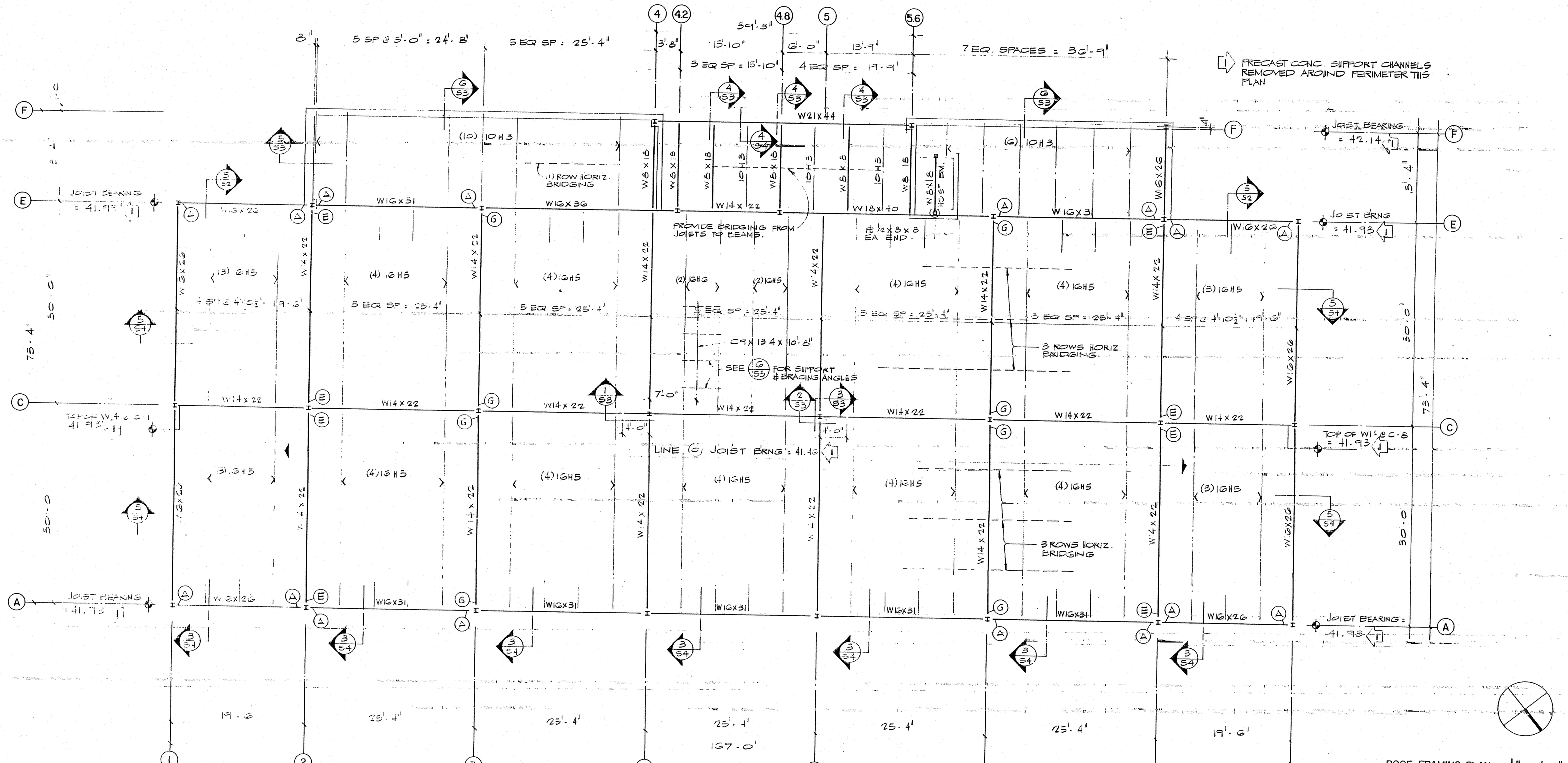


5 JOIST PARALLEL TO WALL
1 1/2" = 1'-0"



NOTE: BEAR JOIST A MINIMUM OF 4" ON MASONRY AND 2 1/2" MINIMUM ON STEEL BEAMS.

6 TYPICAL JOIST BEARING
3/4" = 1'-0"



ROOF FRAMING PLAN 1/8" = 1'-0"

(A) DENOTES SEMI-RIGID CONNECTION TYPE. SEE S-5 FOR DETAILS & SCHEDULE

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SUITE 230 - 3700 COMPUTER DRIVE
RALEIGH, NORTH CAROLINA 27609
TELEPHONE 919 787 3321

AIA

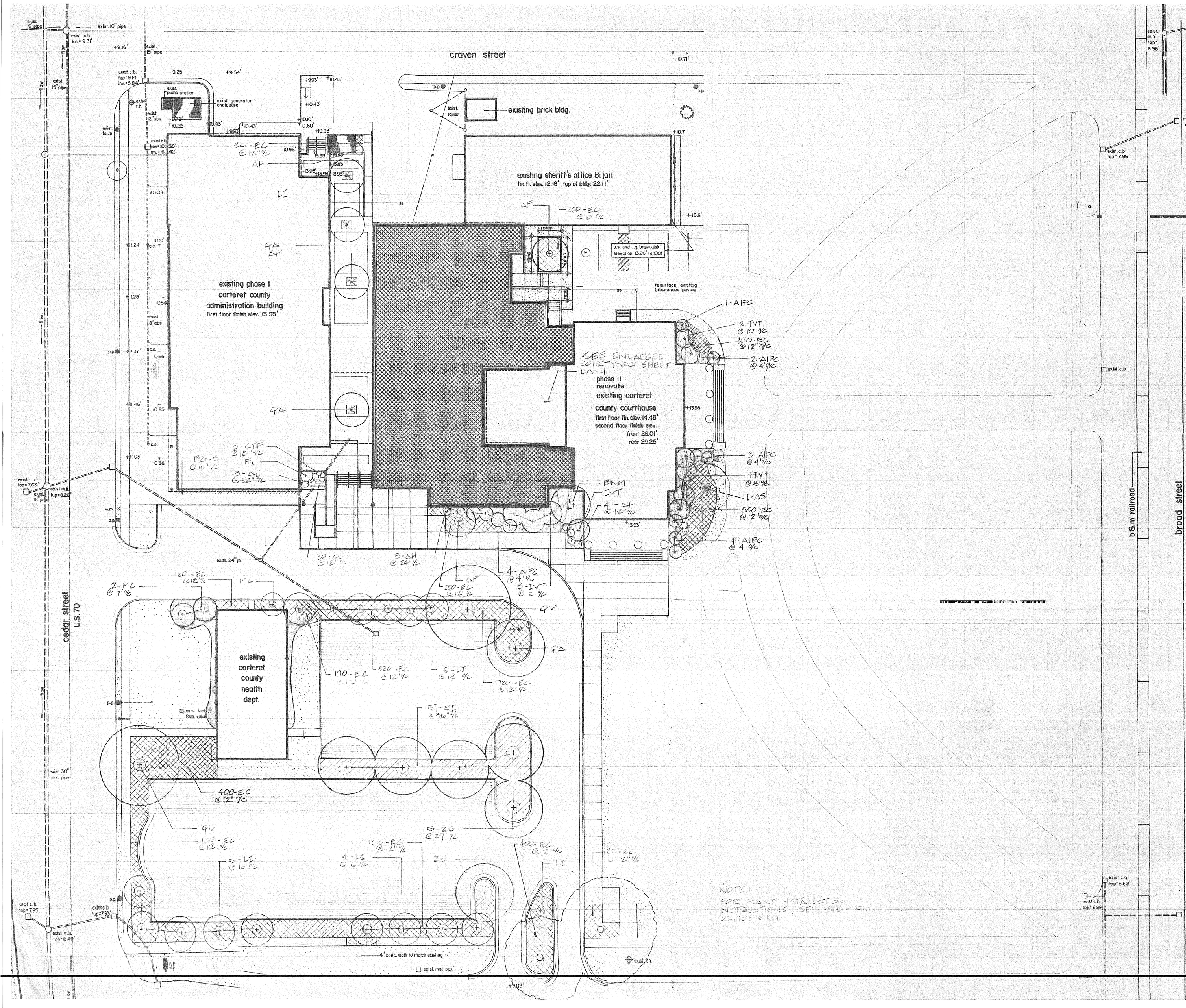
DRAWING RELEASE & REVISIONS		
DATE	DESCRIPTION	REV.
SEP 24 '80	CONTRACT REVISIONS	1

phase I
carteret county administration building
beaufort, north carolina

RELEASED FOR CONSTRUCTION 6-20-80

DRAWING NUMBER
S-3

JOB NUMBER


craven street
existing brick bldg.
existing sheriff's office & jail
fin. fl. elev. 12.16' top of bldg. 22.11'
existing phase I
carteret county
administration building
first floor finish elev. 13.93'
phase II
renovate
existing carteret
county courthouse
first floor fin. elev. 14.45'
second floor finish elev.
front 28.01'
rear 29.25'
SEE ENLARGED COURTYARD SHEET
existing carteret
county
health
dept.
cedar street
U.S. 70
b & m railroad
broad street
topographic and survey information shown on this sheet is taken from a survey titled "site of carteret county courthouse" town of beaufort, carteret county, north carolina, dated march 1980, prepared by collier engineering and surveying, john collier, r.l.s., l-891, atlantic beach, north carolina.
site legend
denotes trees or shrubs
denotes proposed groundcovers
number of plants in bed or grouping
key for plant identification
spacing of plants from center to center
indicates extent of mulch
indicates areas of grassed lawn bermuda / fescue mix
denotes existing construction
denotes new construction
denotes existing spot elevation
denotes new spot elevation
denotes existing storm water line
denotes new storm water line
denotes new bituminous paving
denotes new concrete
denotes existing sanitary sewer line
denotes existing water line
denotes existing power pole
denotes existing water meter
denotes existing catch basin
denotes new catch basin
denotes existing junction box
denotes existing tree
denotes handicapped parking space
PLANTING PLAN
McNeely Associates
landscape architects & planning consultants
10/14/83
site plan: 1" = 20'
BARTHOLOMEW ASSOCIATES
ARCHITECTS
SUITE 230 - 3700 COMPUTER DRIVE
RALEIGH, NORTH CAROLINA 27609
TELEPHONE 919 787 3321
A.I.A.
DRAWING RELEASE & REVISIONS
DATE
DESCRIPTION
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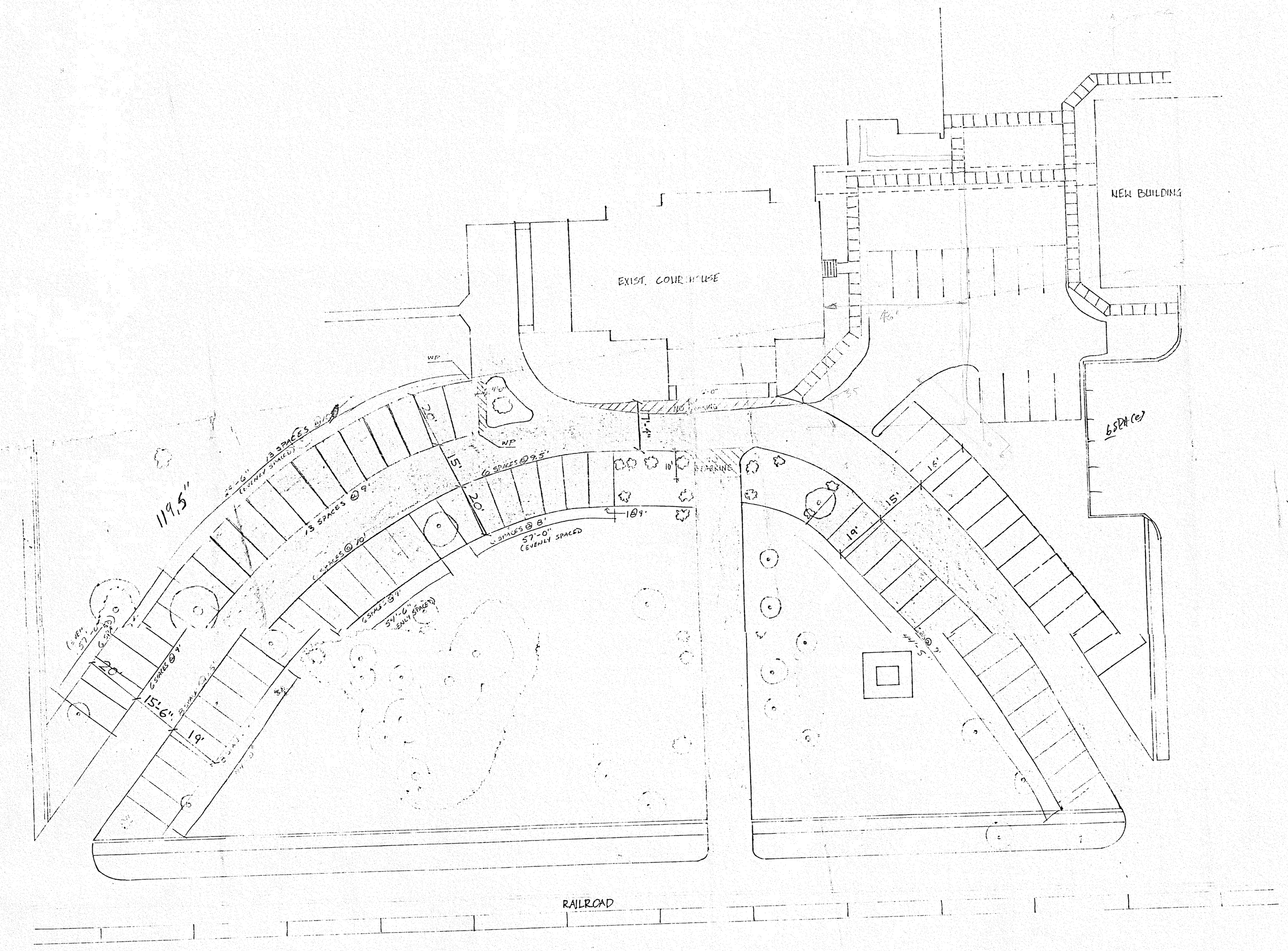
phase II
carteret county courthouse
beaufort, north carolina
DRAWING NUMBER
LA-3



FOR REVIEW ONLY
DO NOT USE FOR
CONSTRUCTION

BEDA

Byrons/Ellinwood Design Associates, Ltd.
710 Arendell Street • Morehead City, North Carolina 28557

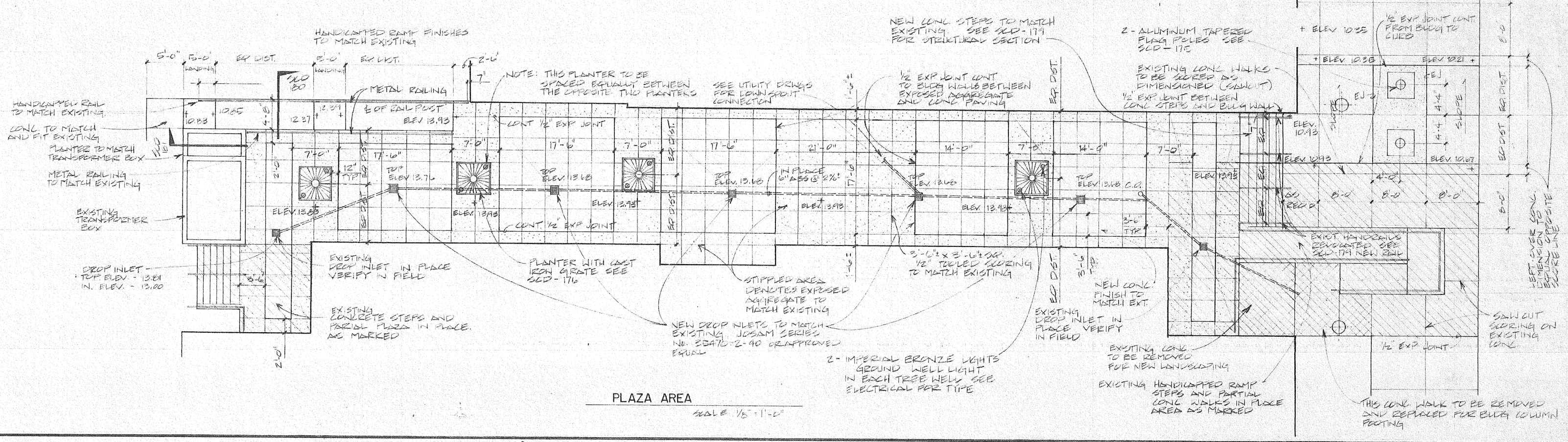
CARTERET COUNTY
COURTESE SQUARE DRIVE REPAVING
BEAUFORT, NORTH CAROLINA

9540

ISSUED: 29 SEPT
DRAWN BY: MLR
CKD BY: LDD

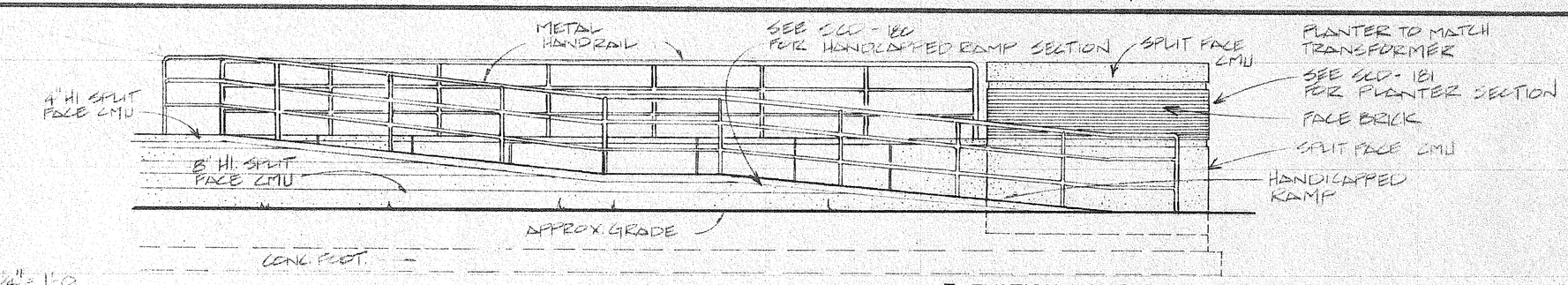
REVISIONS

SHEET NO. 1
OF



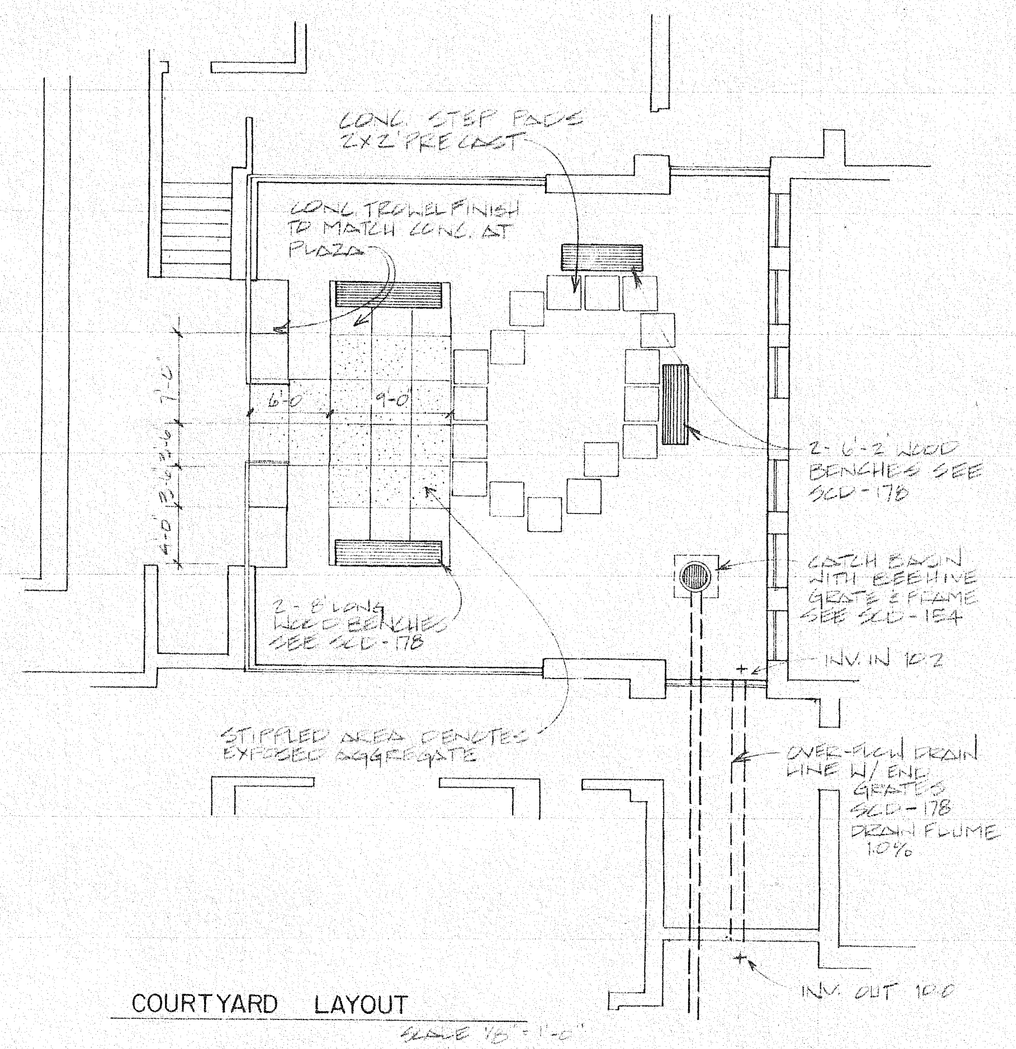
PLAZA AREA

SCALE 1/8" = 1'-0"



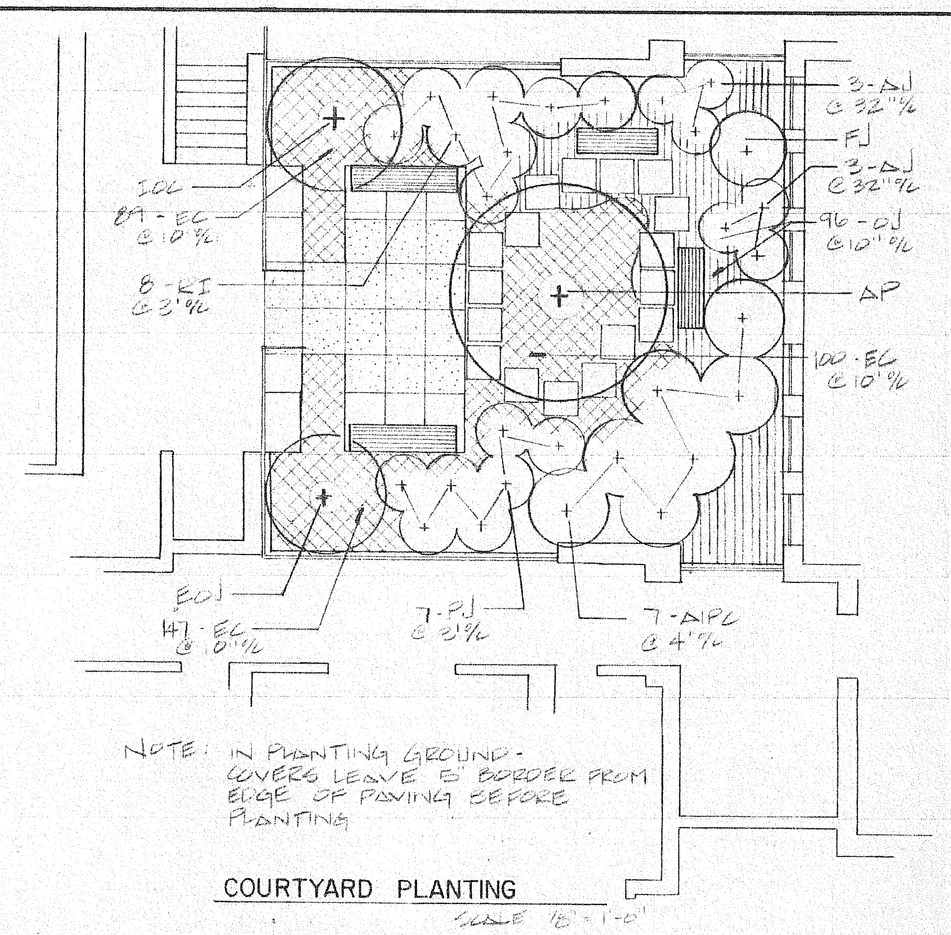
SCALE 1/4" = 1'-0"

ELEVATION HANDICAPPED RAMP



COURTYARD LAYOUT

SCALE 1/8" = 1'-0"



NOTE: IN PLANTING GROUND - COVERS LEAVE 6" BORDER FROM EDGE OF PAVING BEFORE PLANTING

COURTYARD PLANTING

SCALE 1/8" = 1'-0"

1"-2" PEA GRAVEL - WILL BE USED AS MULCH WITH A MIN. COVER OF 2" DEEP IN COURTYARD PLANTING AREAS

PLANT LIST - CARTERET COUNTY COURTHOUSE

KEY	QUAN.	BOTANICAL NAME	COMMON NAME	MIN. HEIGHT	MIN. SPREAD	ROOT	REMARKS
TREES							
AP	5	ACER PALMATUM	JAPANESE MAPLE	6'		B&B	GREEN
NBM	1	BETULA NIGRA	RIVER BIRCH	10"		B&B	MULTI-STEM
EOJ	1	ERIOBOTRYA JAPONICA	LOQUAT	5'		B&B	
IOC	1	ILEX CASSINE	DAHOON	6'		B&B	FEMALE
IVT	9	ILEX VOMITORIA	YAUPON HOLLY	6'		B&B	FEMALE
LI	17	LAGERSTROEMIA INDICA	CRAPE-MYRTLE 'CAPROLINA BEAUTY'	8'		B&B	RED, MULTI-STEM
MC	5	MYRICA CERIFERA	WAX-MYRTLE	5'		B&B	
QA	3	QUERCUS ACUTA	JAPANESE EVERGREEN OAK	6'		B&B	
QV	2	QUERCUS VIRGINIANA	LIVE OAK	12'		B&B	
ZS	6	ZELKOVA SERRATA	JAPANESE ZELKOVA	10'		B&B	
AS	1	ACER SACCHARUM	SUGAR MAPLE	12'		B&B	
AH	5	AZALEA HYBRIDA	VAR. 'GLACIER'		18"	C	WHITE
AJ	9	AUCUBA JAPONICA	JAPANESE AUCUBA		18"	C	
AIPC	34	AZALEA INDICA	VAR. 'PRESIDENT CLAY'		24"	C	WHITE
FL	2	FATSIA JAPONICA	JAPANESE FATSIA		24"	C	
PJ	7	PIERIS JAPONICA	JAPANESE ANDROMEDIA		18"	C	
RI	165	RAPHIOLEPIS INDICA	INDIA HAWTHORN		18"	C	
GROUNDCOVERS							
CYF	3	CYRTOMIUM FALCATUM	HOLLY FERN		12"	C	
EC	5736	EUONYMUS COLORATUS	WINTERCREEPER		6"	BR	
OJ	126	OPHIOPOGON JAPONICA	MONDO GRASS		4"	POT	
LS	192	LIRIOPE SPICATA	SPICATA		6"	C	3 GRASS PLANTING

B&B - BALLED & BURLAPPED C - CONTAINER BR - BARE ROOT

PLANT LIST for both site and courtyard

ENLARGED COURTYARD & PLAZA

McNeely Associates
landscape architects & planning consultants
6112 St. Giles Street / PO Drawer 30126 / Raleigh NC 27612

10/14/83

BARTHOLOMEW ASSOCIATES
ARCHITECTS
SUITE 290 - 3700 COMPUTER DRIVE
RALEIGH, NORTH CAROLINA 27609
TELEPHONE 919 787 3321
AIA

NORTH CAROLINA REGISTERED ARCHITECT 31 MAURICE J. BARTHOLOMEW

DRAWING RELEASE & REVISIONS		
DATE	DESCRIPTION	REV.

phase II
carteret county courthouse
beaufort, north carolina

DRAWING NUMBER

LA-4

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