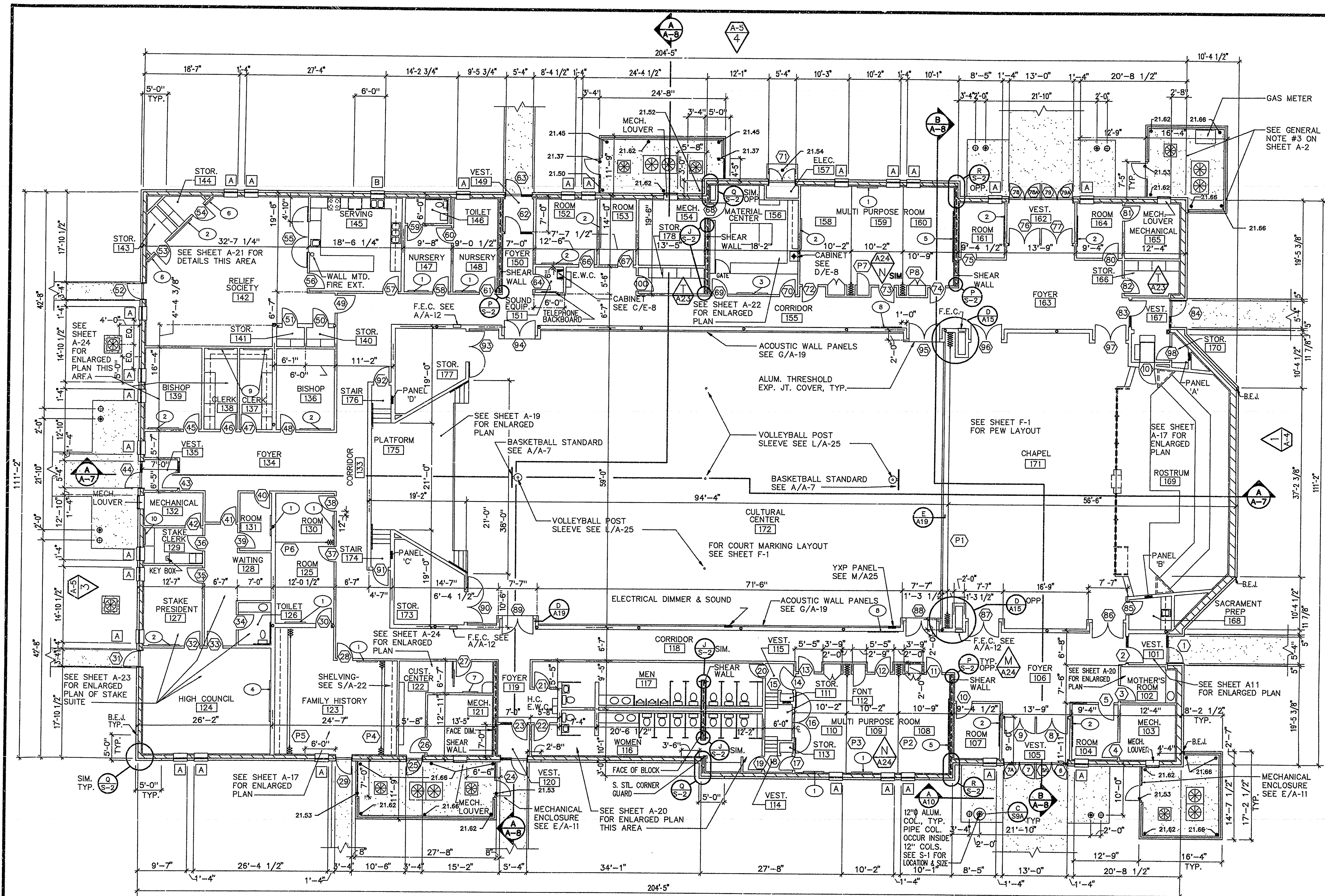




NOTE:
FOR GENERAL NOTES, SEE SHEET A-2



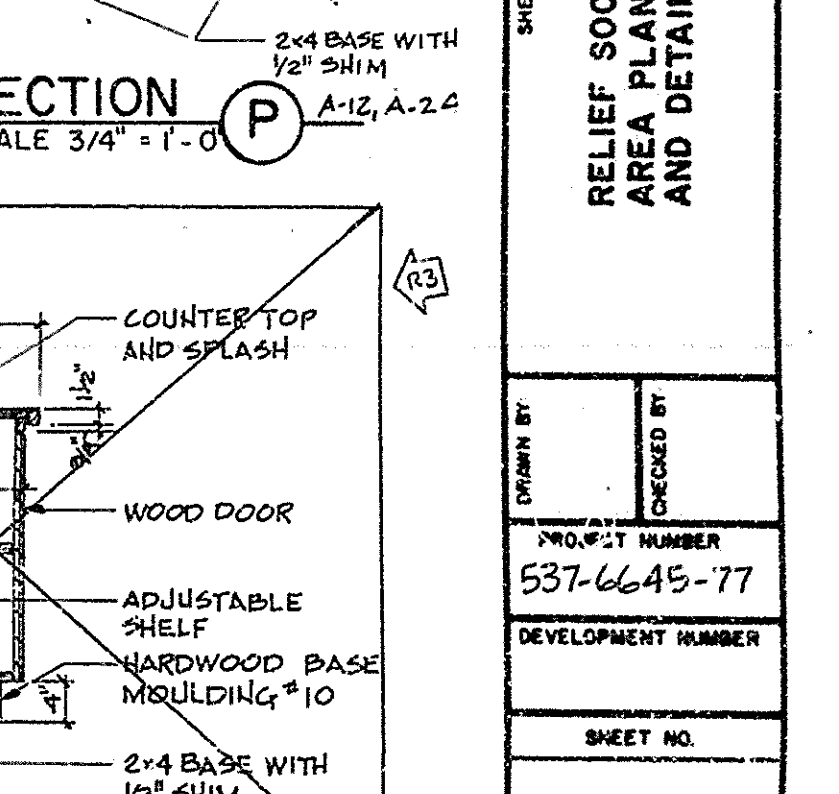
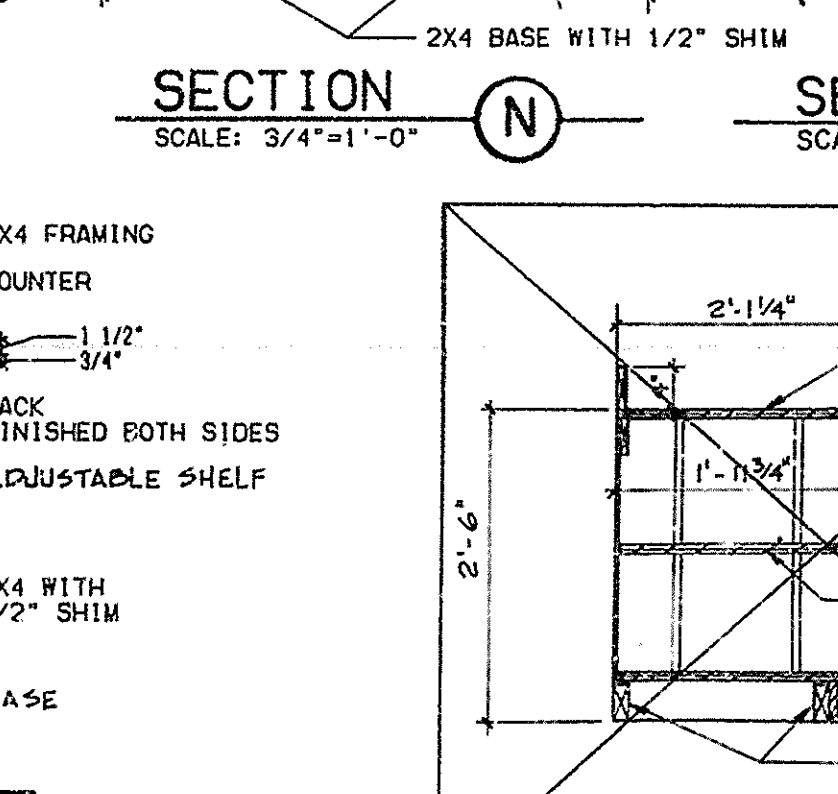
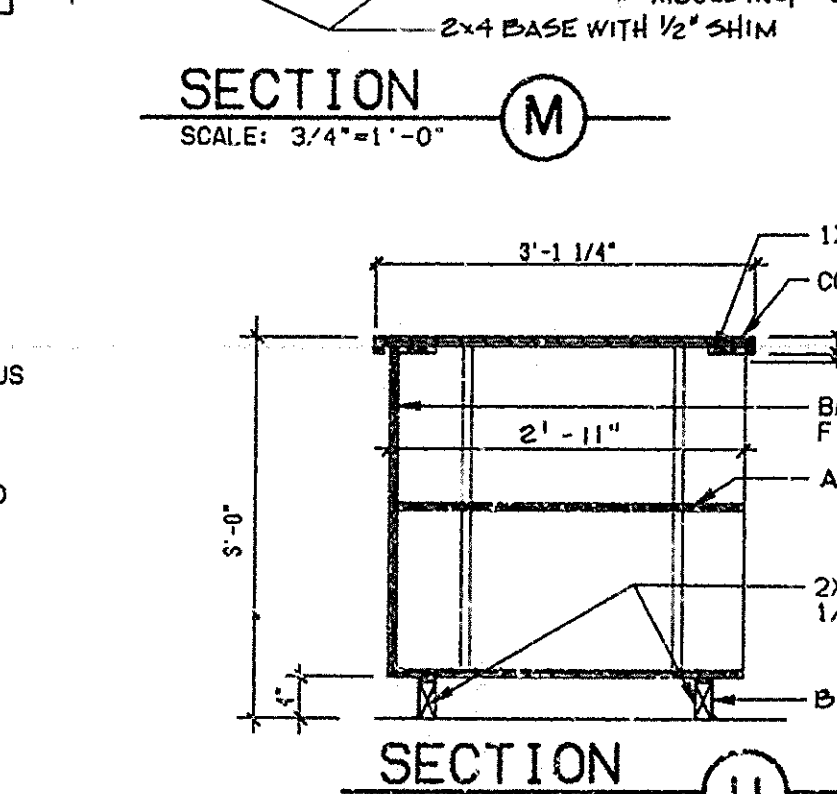
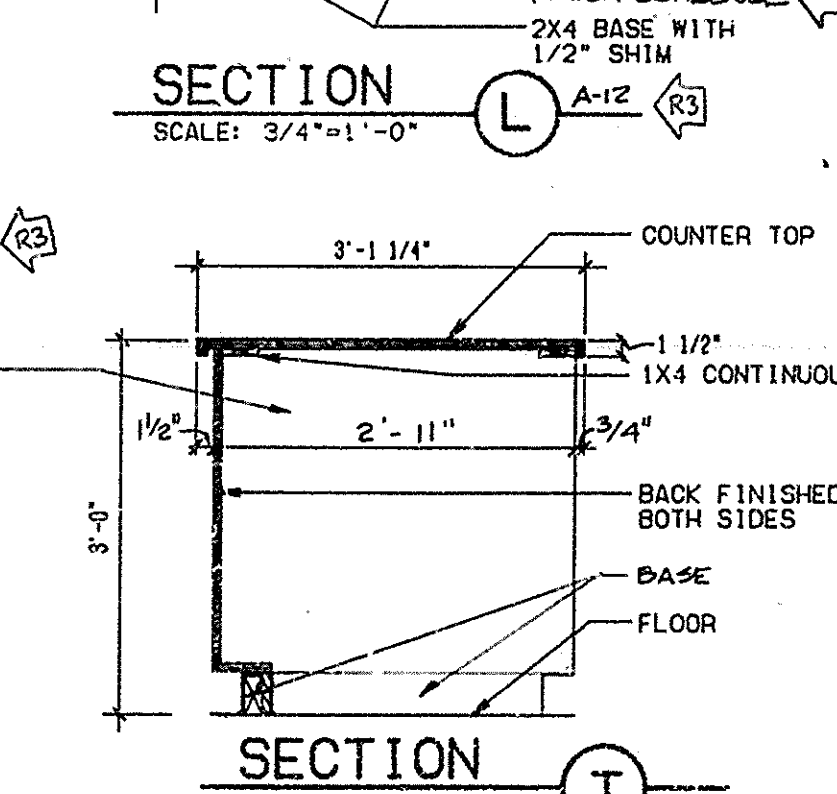
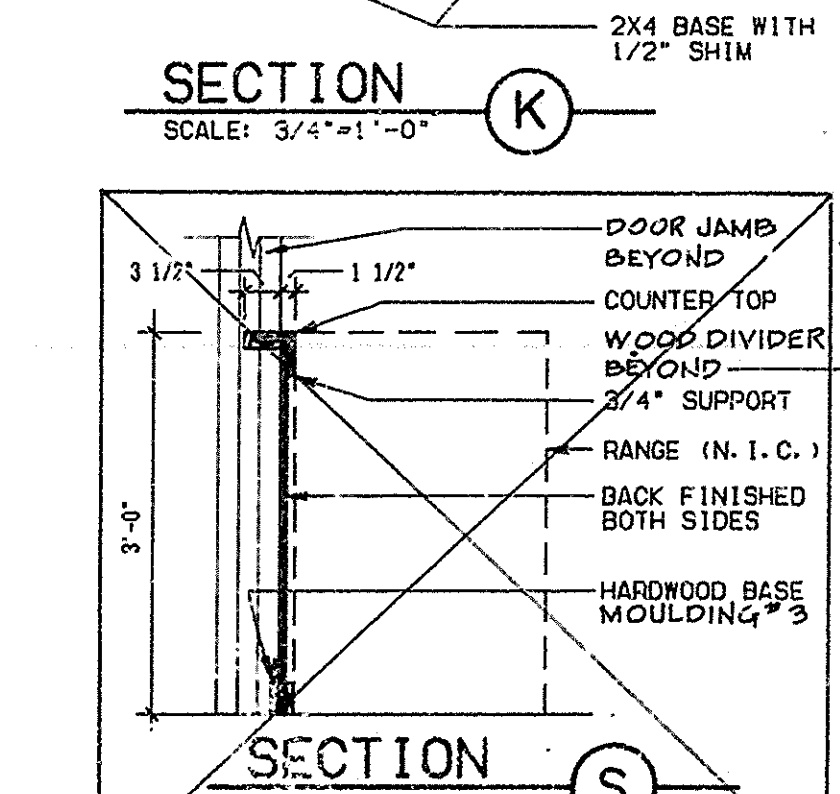
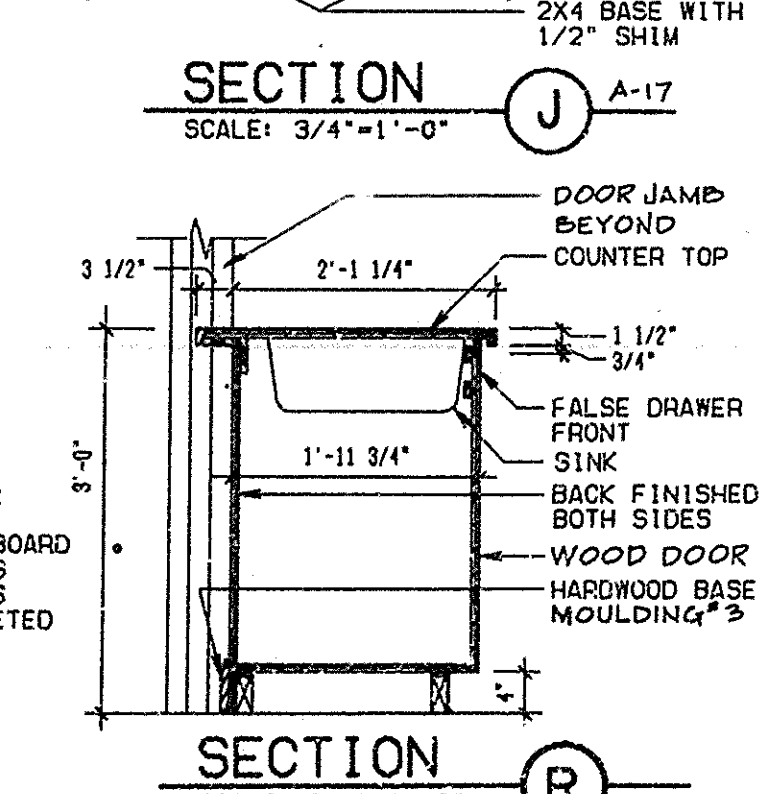
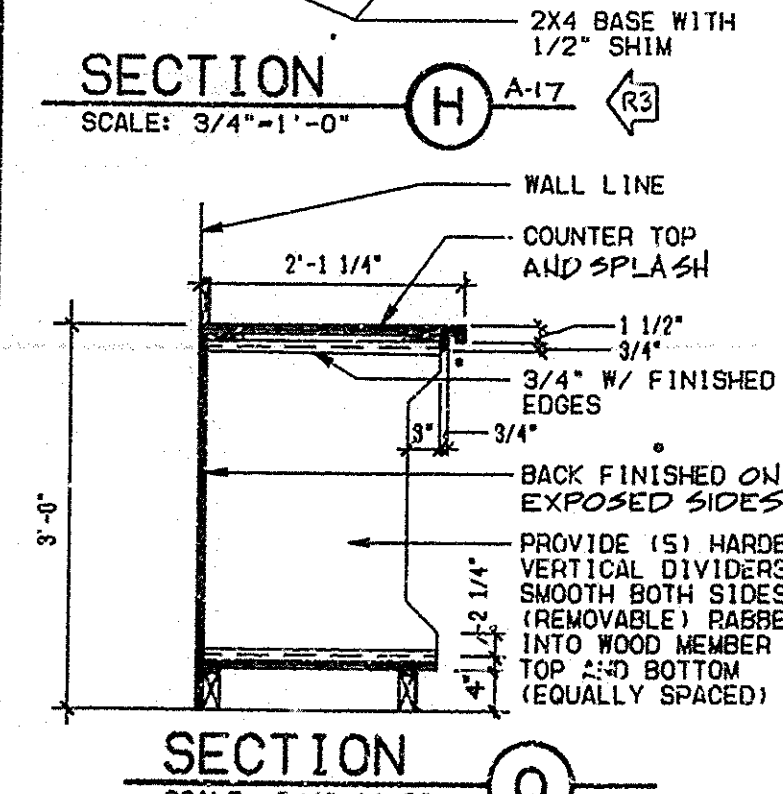
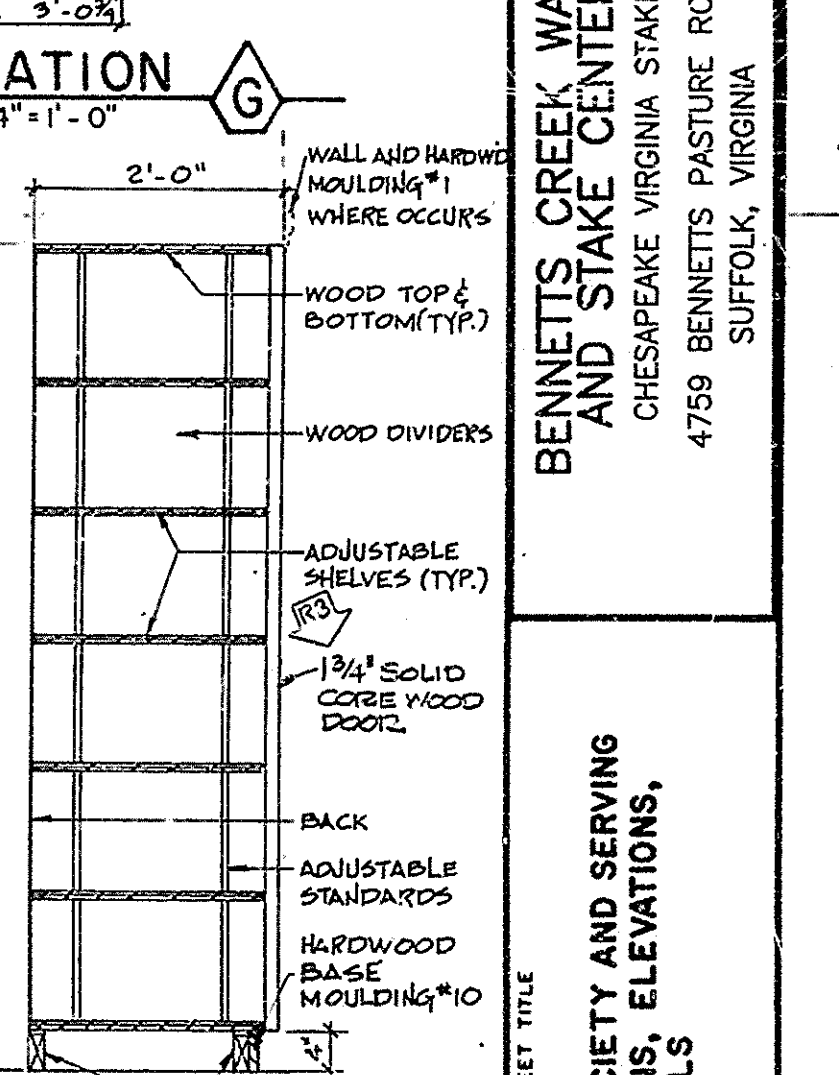
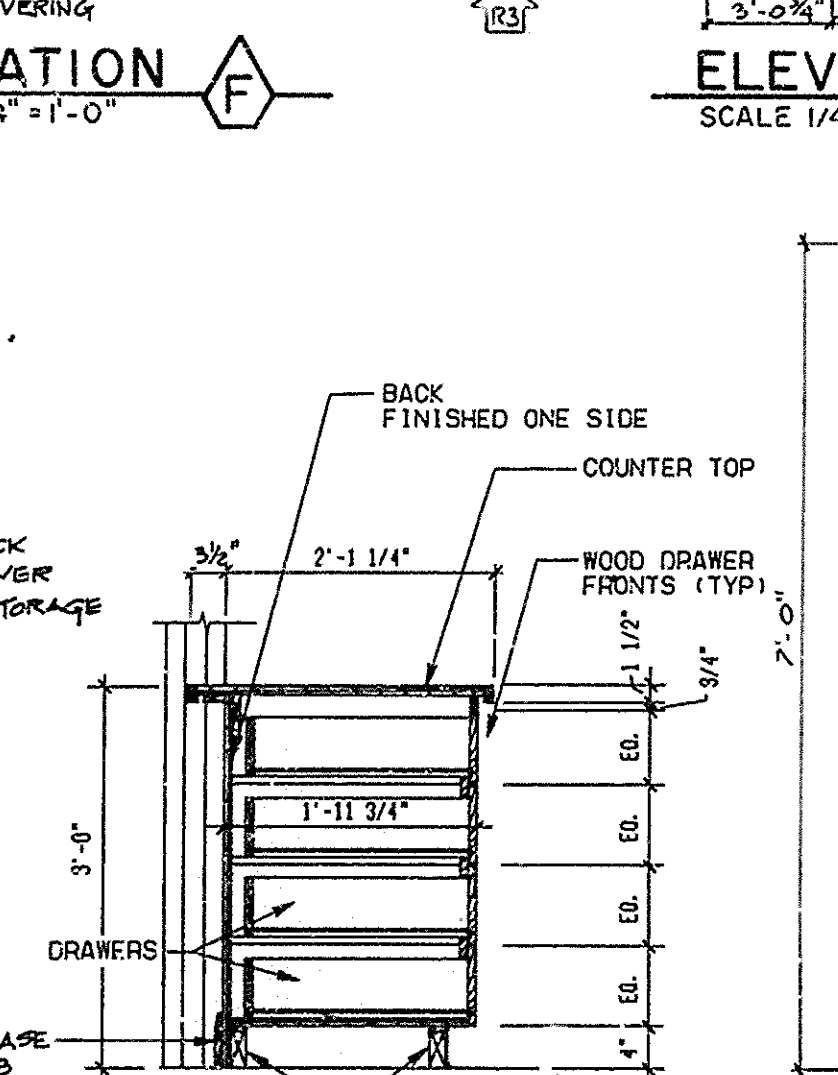
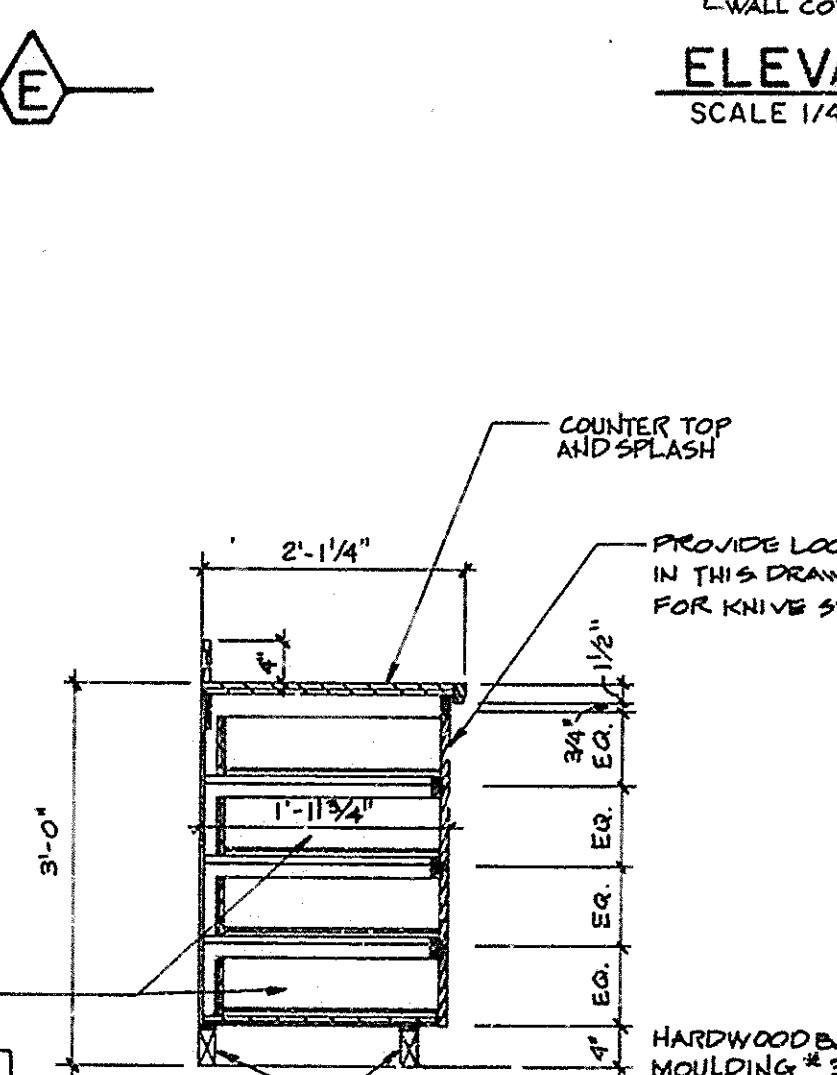
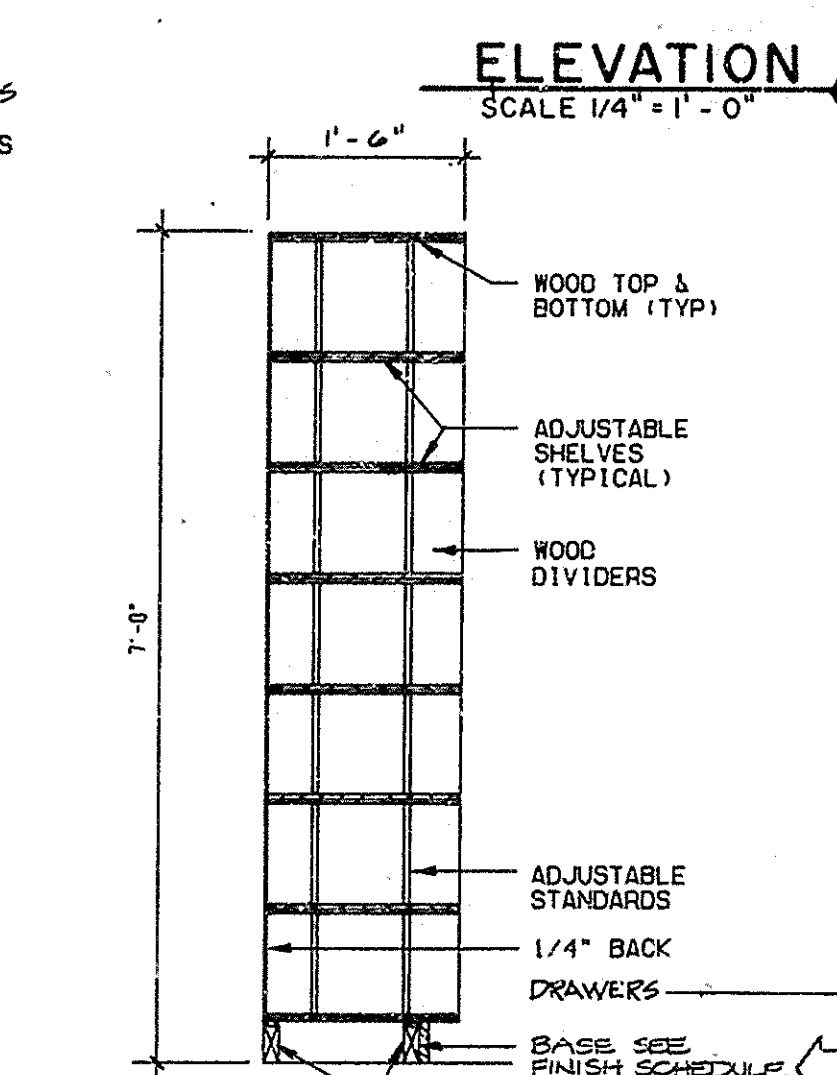
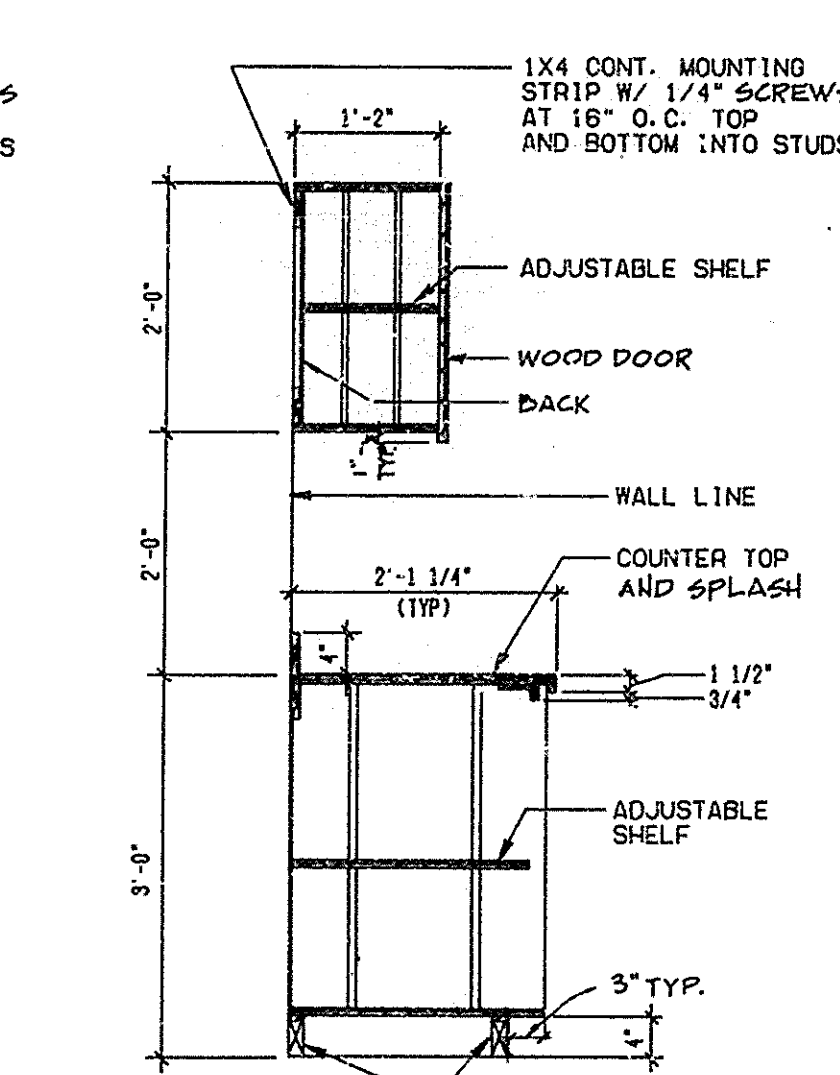
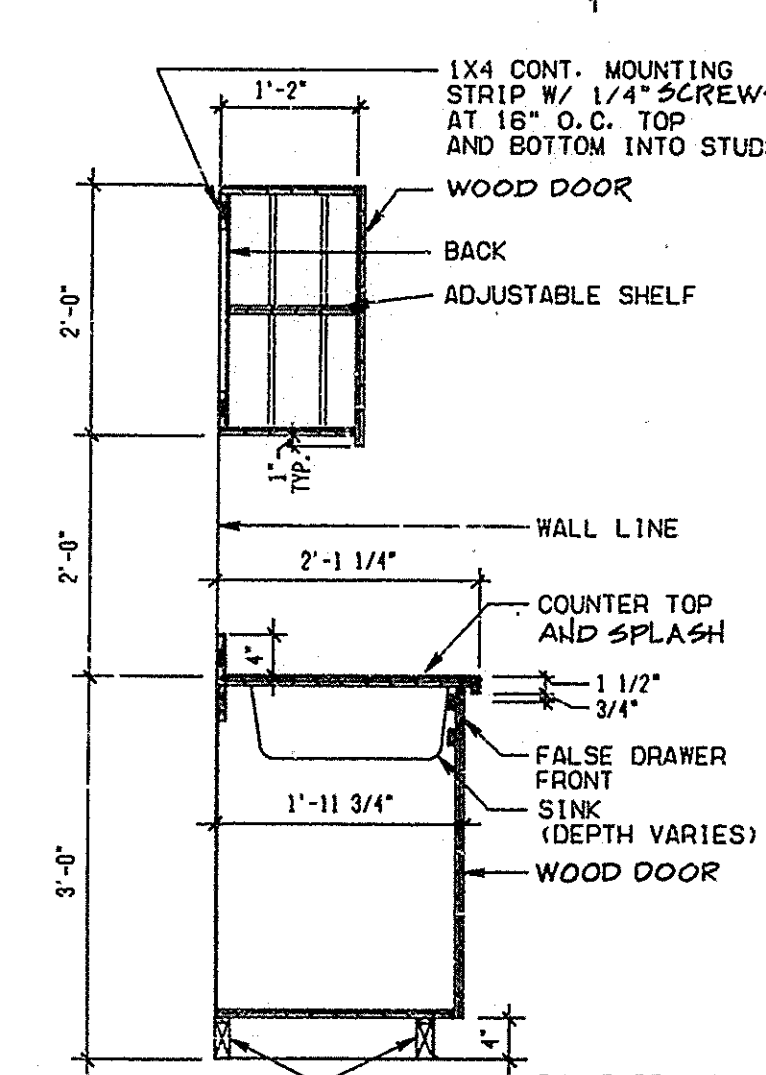
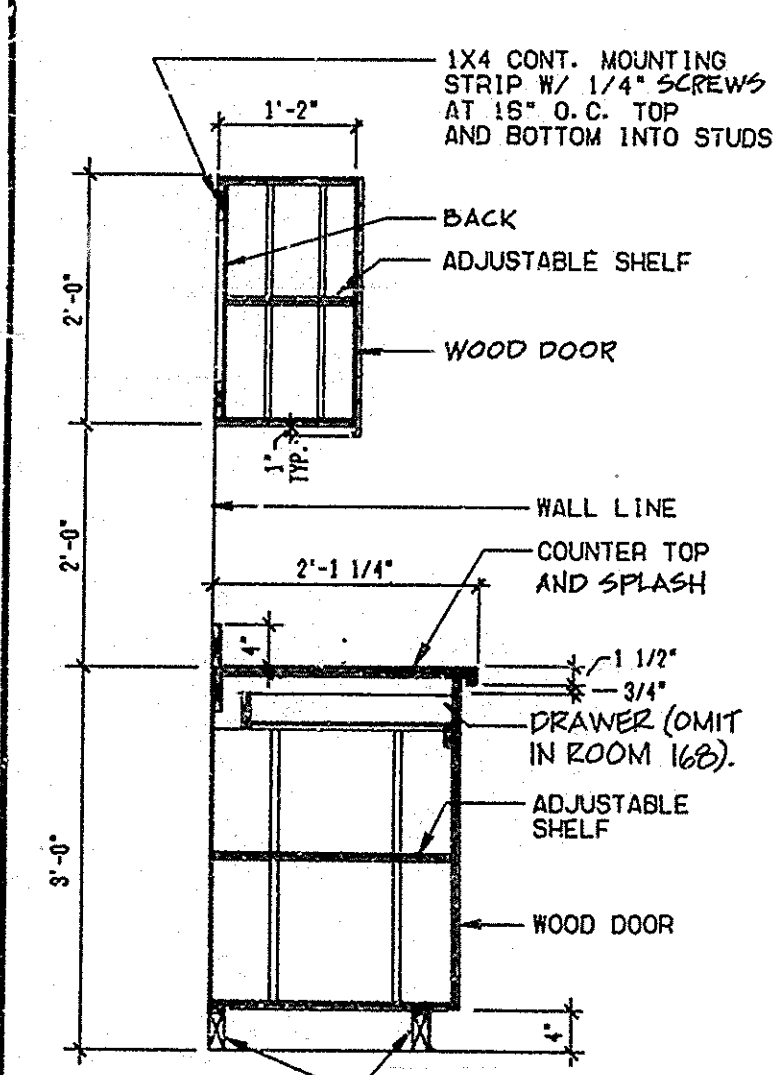
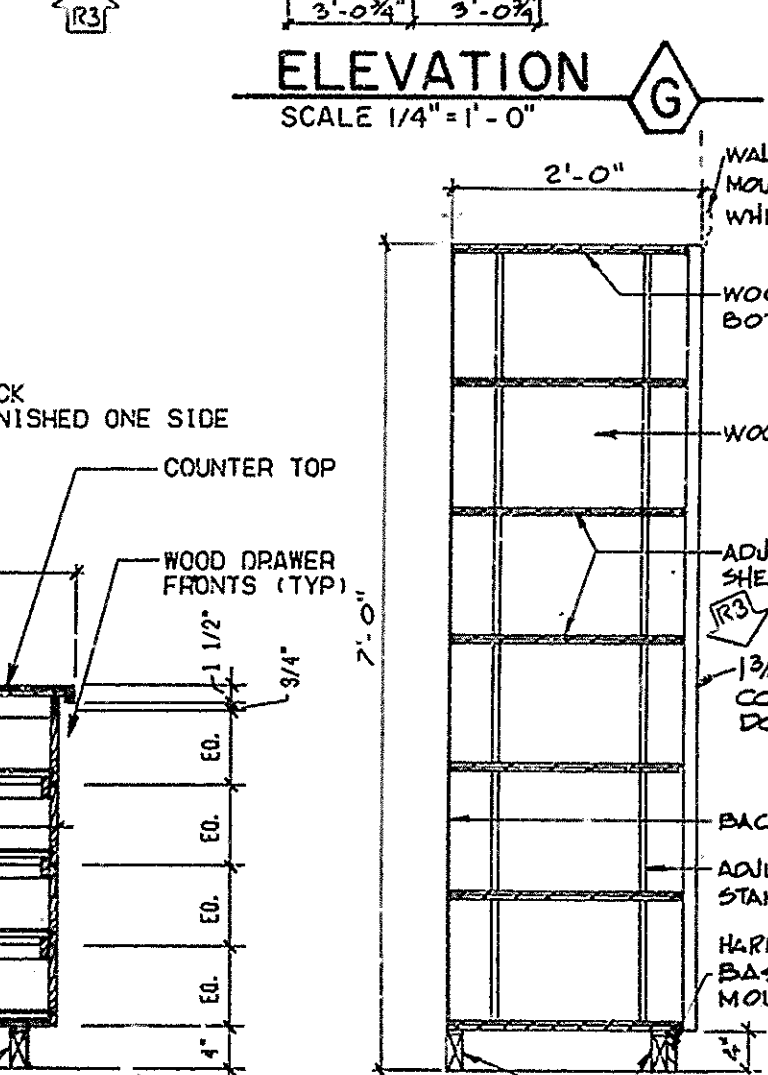
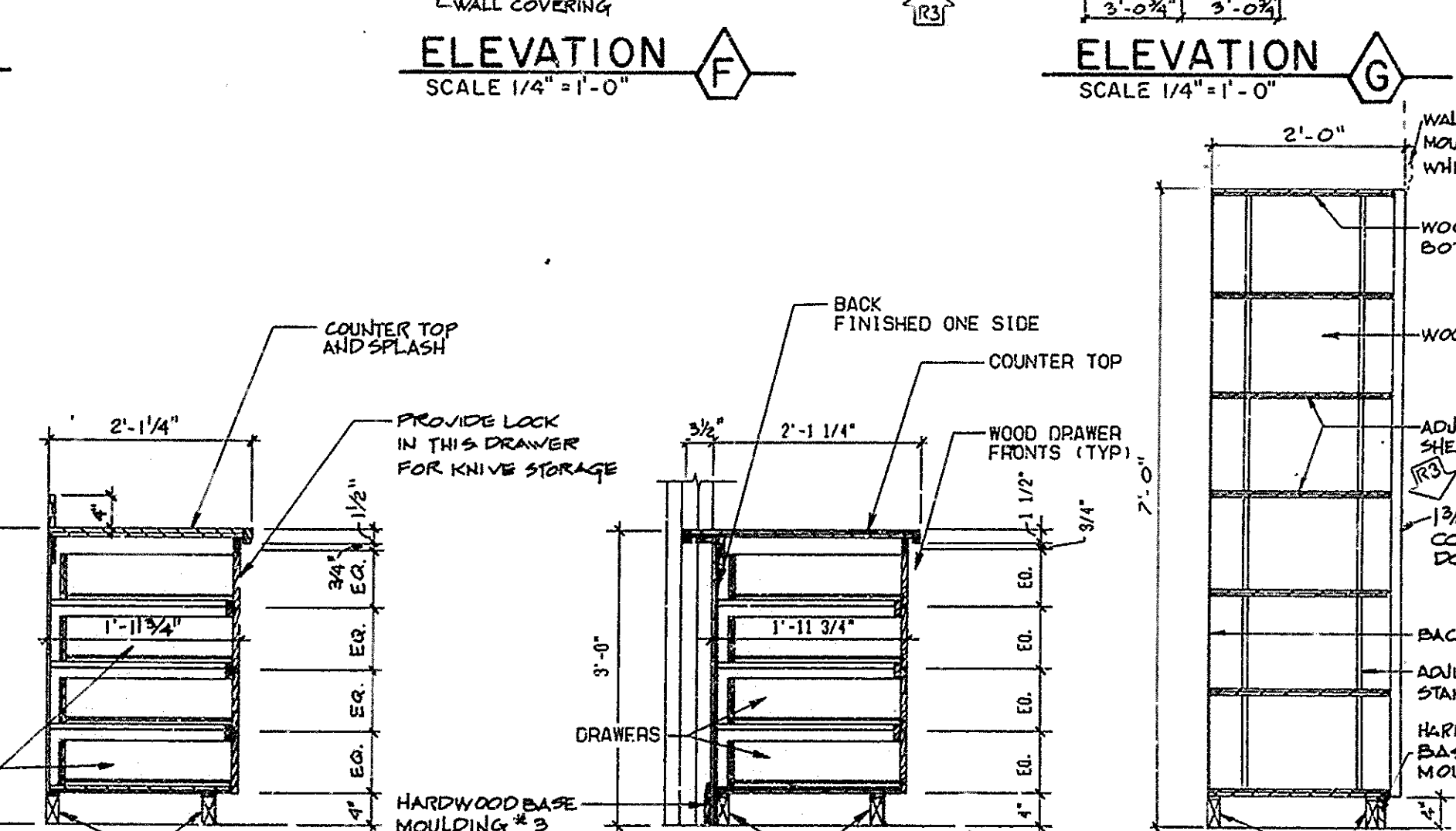
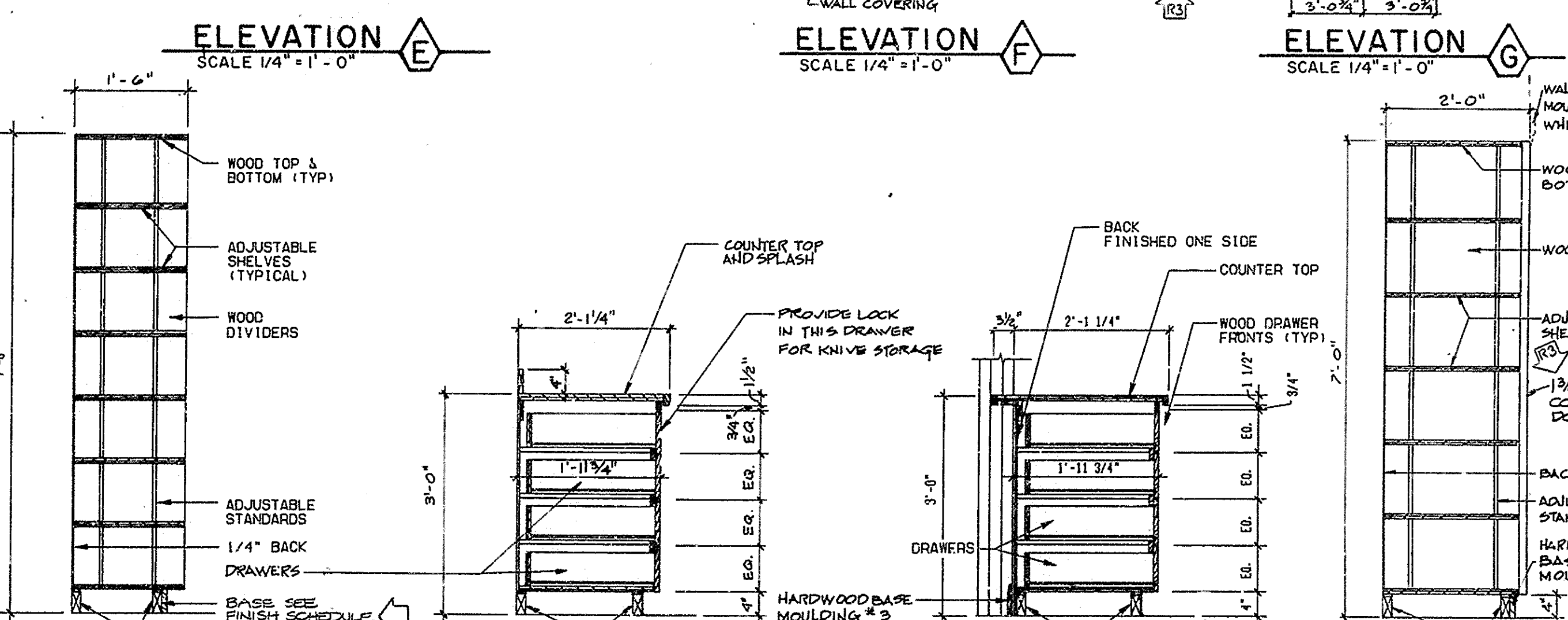
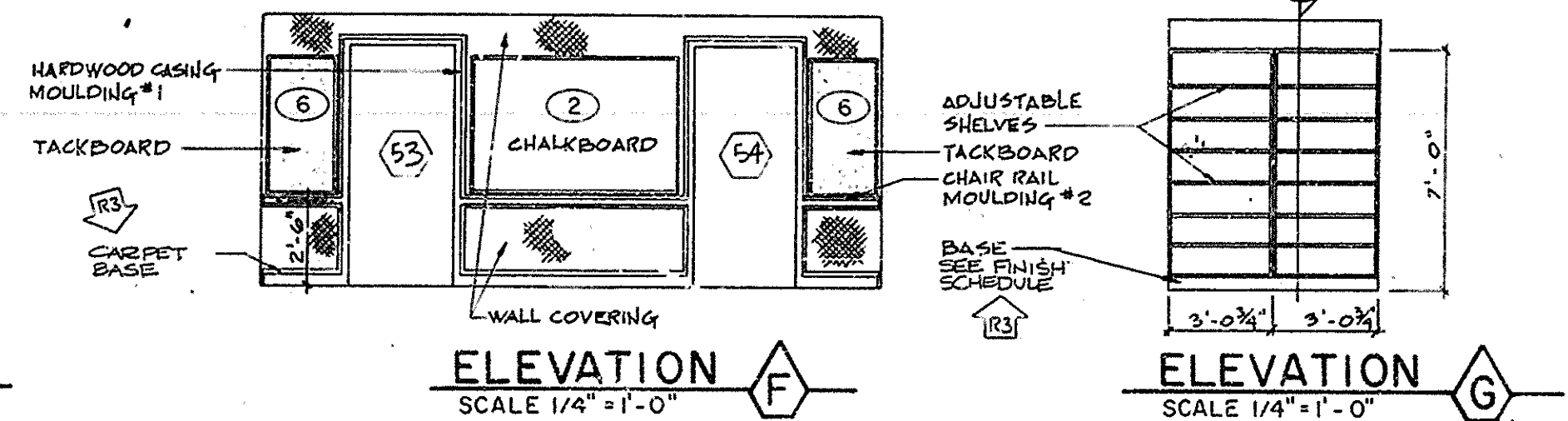
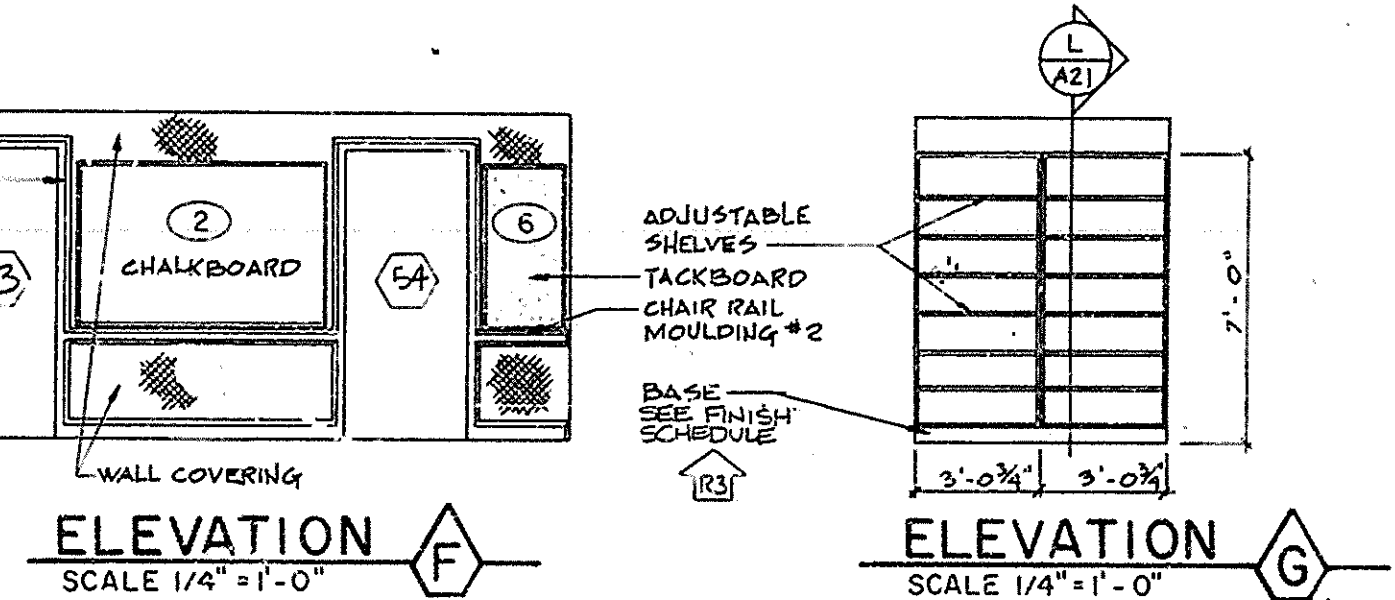
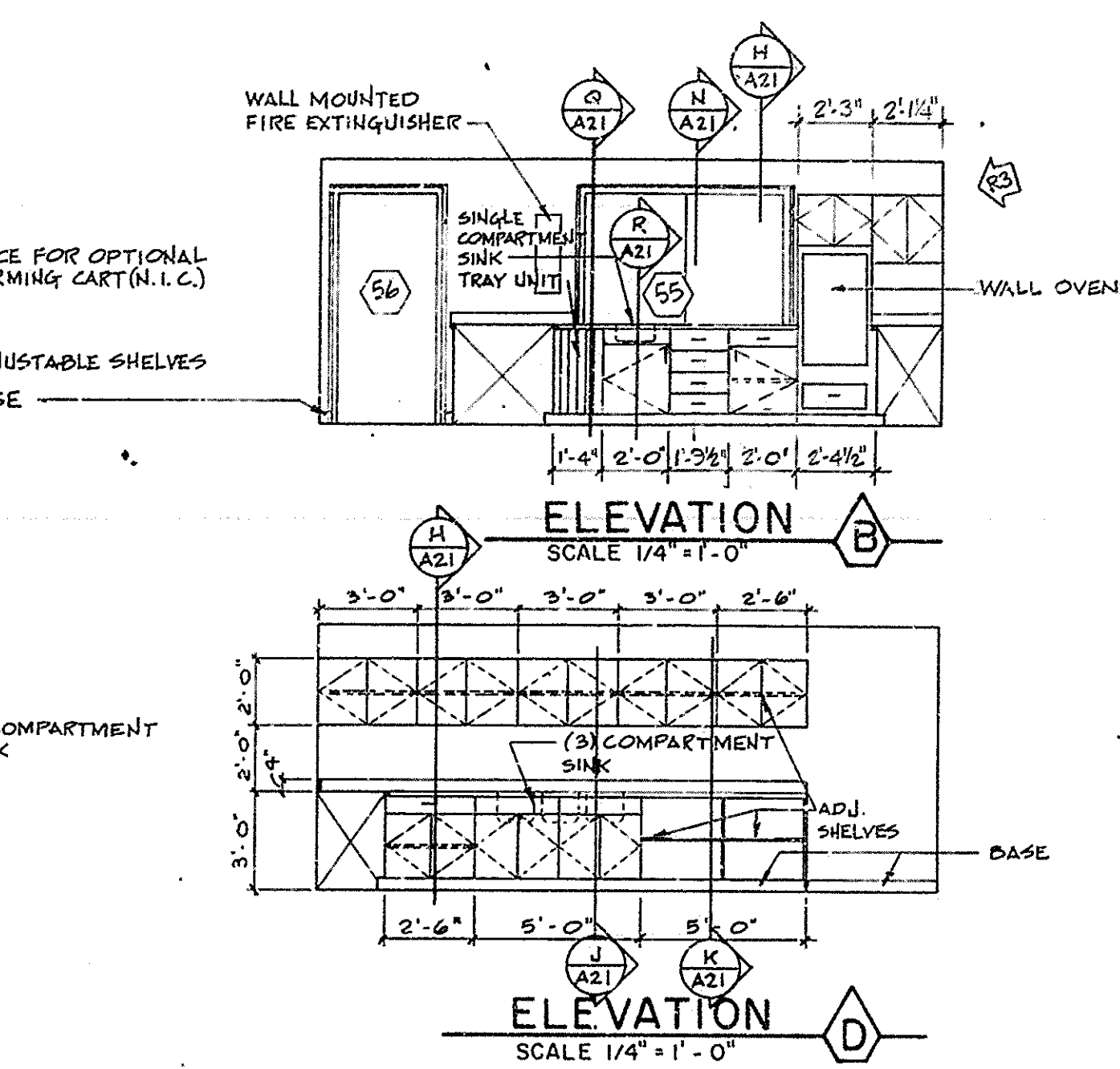
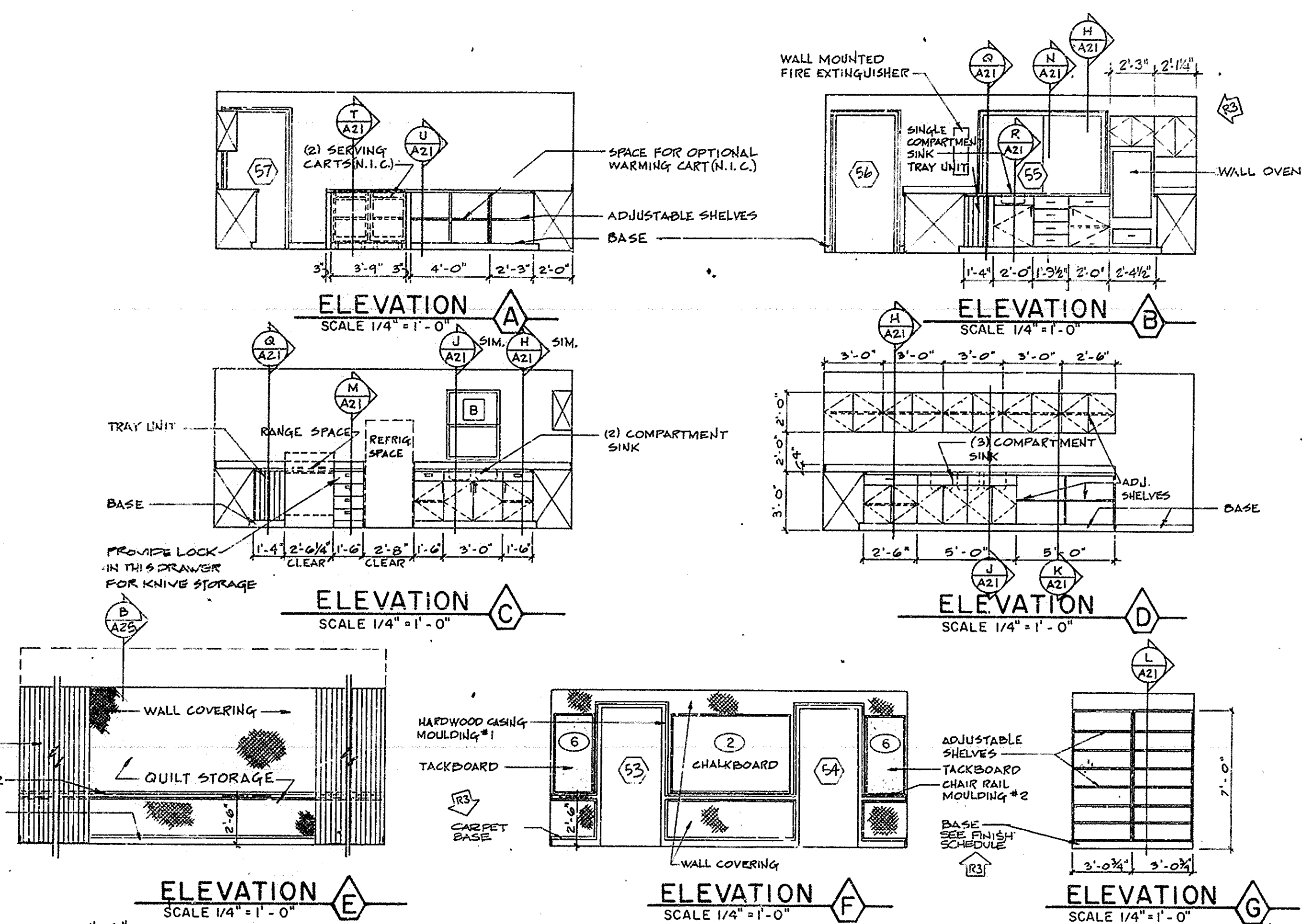
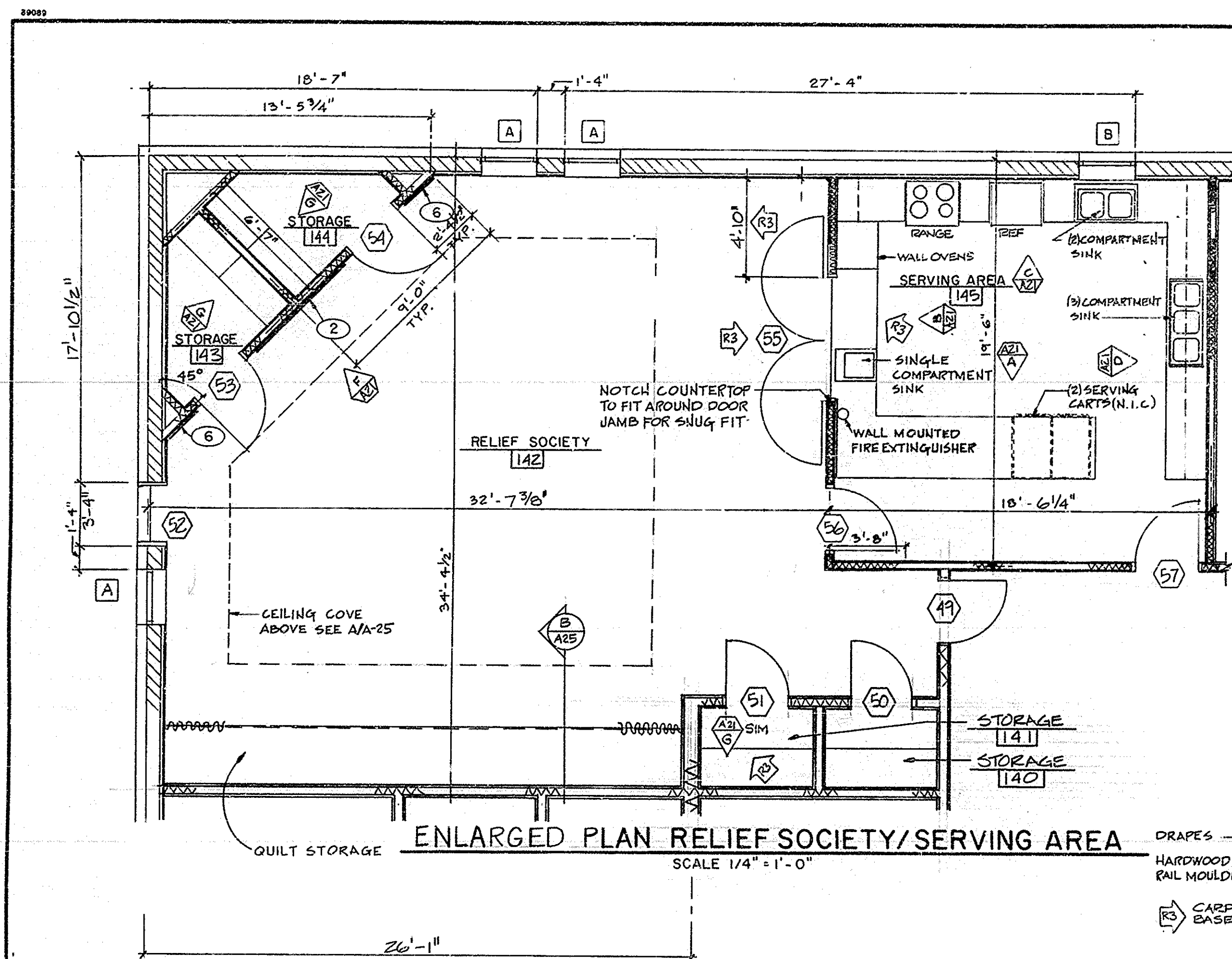
FLOOR PLAN
SCALE: 1/8" = 1'-0"

BRICK EXPANSION JOINTS NOTES:
BRICK EXPANSION JOINTS ARE LOCATED BEHIND DOWNSPOUTS,
UNLESS OTHERWISE INDICATED.

NOTE: ELEVATIONS AT MECHANICAL ENCLOSURES
ARE ELEVATIONS REFERENCED ON GRADING,
DRAINAGE AND UTILITY PLAN SHEET SD-3.

DATE FEB. 11, 1994	
REVISIONS	12-5-95
THOMPSON AND WRIGHT, ARCHITECTS, LTD. 505-C CEDAR ROAD CHESAPEAKE, VIRGINIA 23320 804-436-0861	
BENNETT'S CREEK WARD AND STAKE CENTER CHESAPEAKE VIRGINIA STAKE 4759 BENNETT'S PASTURE ROAD SUFFOLK, VIRGINIA	
SHEET TITLE FLOOR PLAN	
DRAWN BY CAB CHECKED BY VAT	PROPERTY NUMBER 537-6645-77 DEVELOPMENT NUMBER
SHEET NO. A-1	

24X



DATE
FEB 11, 1994

REVISIONS	
R-1	GENERAL UP-GRADE
R-2	GENERAL UP-GRADE
R-3	AS BUILT 12.5.95

COMMONWEALTH OF VIRGINIA
WILLIAM A. TERRY JR.
William & Mary
CERTIFICATE NO. 2317
3/11/94
CERTIFIED

**THOMPSON AND WRIGHT,
ARCHITECTS, LTD.**
505-C CEDAR ROAD
CHESAPEAKE, VIRGINIA 23320
804-436-0861

**BENNETTS CREEK WARD
AND STAKE CENTER**
CHESAPEAKE VIRGINIA STAKE
4759 BENNETTS PASTURE ROAD
SUFFOLK, VIRGINIA

SHEET TITLE	SHEET NO.
RELIEF SOCIETY AND SERVING AREA PLANS, ELEVATIONS, AND DETAILS	

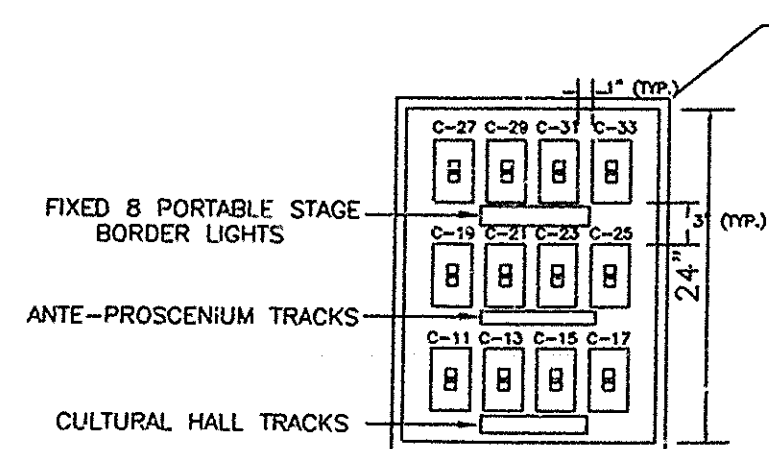
DRAWN BY		CHECKED BY	
PROJECT NUMBER		DEVELOPMENT NUMBER	
537-6645-77			

SHEET NO.

A-21

PROVIDE AND PERMANENTLY MOUNT A 6" L x 1" H x 1/16" THICK LAMINATED PLASTIC COMPOSITION LABEL WITH CONTRASTING COLOR CORE. LETTERS SHALL BE 1/4" HIGH ENGRAVED WITH WORDING AS SHOWN.

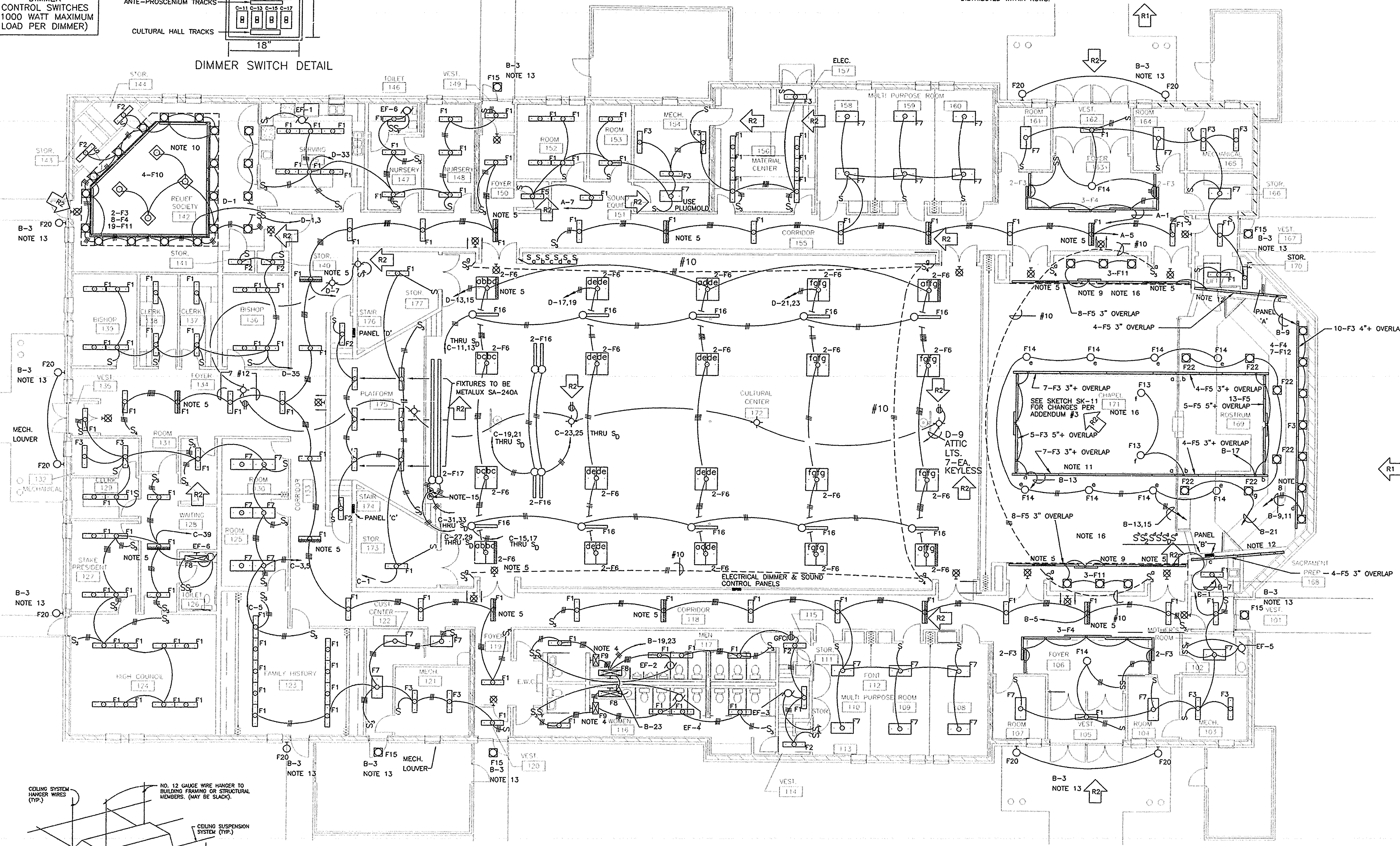
TRACK LIGHT DIMMER CONTROL SWITCHES (1000 WATT MAXIMUM LOAD PER DIMMER)



DIMMER SWITCH DETAIL

NOTES:

1. FINAL LOCATION OF LIGHT FIXTURES SHALL BE AS SHOWN ON REFLECTED CEILING PLAN.
2. LOWER CASE LETTERS ON OR NEAR FIXTURES INDICATE CONTROLLING SWITCHES.
3. ALL CULTURAL CENTER FLUORESCENT 2'x4' FIXTURES SHALL BE CONTROLLED BY TWO SWITCHES - TWO ALTERNATE LAMPS ON EACH, EXCEPT SIX FIXTURES WITH LOWER CASE LETTER "D". THESE FIXTURES SHALL HAVE TWO LAMPS CONTROLLED BY SWITCH S₀ AND THE OTHER LAMPS CONTROLLED BY SWITCHES AS INDICATED.
4. FIXTURE TO BE CONTINUOUSLY (NOT SWITCHED). SEE SHEET A-20 FOR MOUNTING OF TYPE F8 & F9.
5. INSTALL EMERGENCY FLUORESCENT LIGHTING PACK IN BALLAST CHANNEL OF FIXTURES SHOWN WITH CROSS HATCHING. CONNECT EMERGENCY LIGHTING UNIT TO AN UNSWITCHED CONDUCTOR.
6. TRACK LIGHTING FIXTURES (F-18) SHALL BE STORED WHEN NOT IN USE.
7. MECHANICAL EQUIPMENT AND LOCATIONS SHALL BE VERIFIED WITH MECHANICAL PLANS.
8. SEE ARCHITECTURAL DETAIL JOB SHT A-18 FOR MOUNTING OF LIGHTING IN AND UNDER COVE.
9. SEE ARCHITECTURAL DETAIL JOB SHT A-18 FOR MOUNTING OF LIGHTS IN AND UNDER COVE.
10. SEE ARCHITECTURAL DETAIL A & B ON SHT A-25 FOR MOUNTING OF LIGHTS IN AND UNDER COVE.
11. SEE ARCHITECTURAL DETAIL E ON SHT A-18 FOR LIGHTS IN COVE.
12. SEE ARCHITECTURAL DETAIL D ON SHT A-18 FOR LIGHTS IN COVE.
13. EXTERIOR LIGHTS CONTROLLED BY PHOTOCELL. SEE NOTE 2 SHT E-3.
14. SEE SITE PLAN FOR LOCATION OF POLE LIGHTS. PROVIDE 20A 208 VOLT CIRCUITS.
15. PORTABLE STAGE LIGHTING OUTLET. MOUNT IN FACE OF PLATFORM +14" AFF.
16. OVERLAP COVE LIGHTING AS NOTED. OVERLAPS EQUALLY DISTRIBUTED WITHIN ROWS.

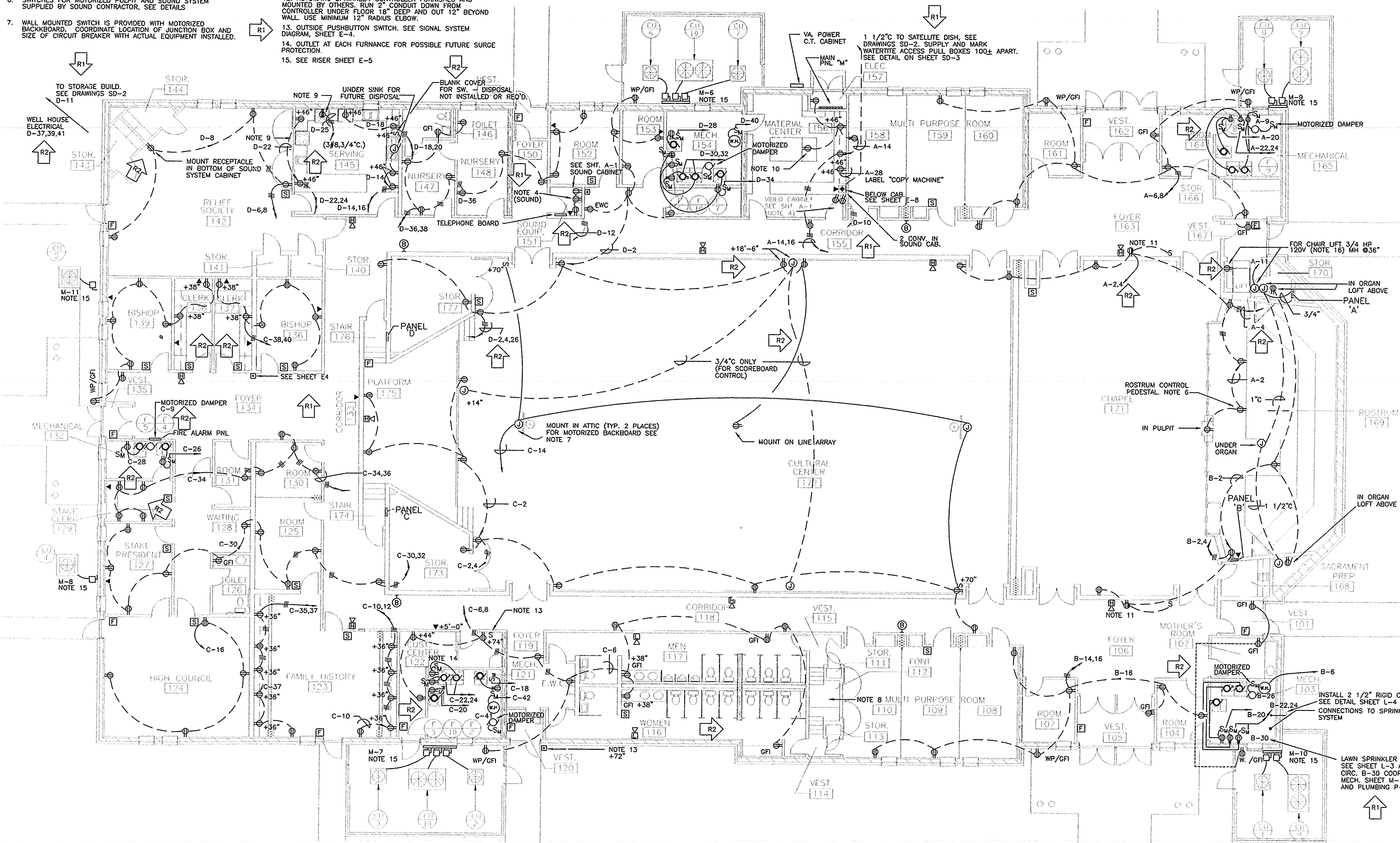


NOTES:

- MECHANICAL EQUIPMENT AND LOCATIONS SHALL BE VERIFIED WITH MECHANICAL PLANS.
- EXHAUST FANS ARE SHOWN ON SHEET E-1.
- REFER TO EQUIPMENT SCHEDULE, SHEET E-3, FOR MECHANICAL EQUIPMENT FEEDER INFORMATION.
- INSTALL TWO DUPLEX RECEPTACLES IN THE VIDEO CABINET AND IN THE SOUND CABINET. SEE DETAILS AND SHT. A-1 FOR LOCATIONS.
- REFER TO SPECIFICATIONS 16-670 AND SHEET FOR LIGHTING PROTECTION SYSTEM INSTALLATION.
- SWITCHES FOR MOTORIZED PULPIT AND SOUND SYSTEM SUPPLIED BY SOUND CONTRACTOR. SEE DETAILS.
- WALL MOUNTED SWITCH IS PROVIDED WITH MOTORIZED BACKBOARD. COORDINATE LOCATION OF JUNCTION BOX AND SIZE OF CIRCUIT BREAKER WITH ACTUAL EQUIPMENT INSTALLED.

- BOND METAL PARTS NEAR FONT SUCH AS REBAR, HANDRAILS, CONDUITS, ETC INTO A COMMON BONDING GRID USING #8 BARE COPPER MINIMUM AS REQUIRED BY N.E.C. 680-22.
- MOUNT RANGE RECEPTACLE OUTLET AT FLOOR LINE AND 6" OFF CENTERLINE OF RANGE.
- REFER TO DETAIL Q ON SHT. A-22 FOR MOUNTING OF RECEPTACLE IN FACE OF CABINET WORK.
- SWITCH TO CONTROL TOP HALF OF SPLIT WIRED RECEPTACLES.
- AUTOMATIC SPRINKLER CONTROLLER FURNISHED AND MOUNTED BY OTHERS. RUN 2" CONDUIT DOWN FROM CONTROLLER UNDER FLOOR 18" DEEP AND OUT 12" BEYOND WALL. USE MINIMUM 12" RADIUS ELBOW.
- OUTSIDE PUSHBUTTON SWITCH. SEE SIGNAL SYSTEM DIAGRAM, SHEET E-4.
- OUTLET AT EACH FURNACE FOR POSSIBLE FUTURE SURGE PROTECTION.
- SEE RISER SHEET E-5

- PROVIDE WIRING TO DOOR INTERLOCK. DOOR 101 SHALL BE PERMITTED TO OPEN ONLY WHEN LIFT IS AT ROSTRUM LEVEL.



FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0"

DATE FEB. 11, 1994	
REVISED	NOTES/REVISE POWER
R1	RELOCATED RECEPTACLES RMS-1
R2	154, 137, 138, 129, 121, 103, 165
	DEC. 05, 1995
WILLIAM G. BRANDT JR., P.E. REGISTERED PROFESSIONAL ELECTRICAL ENGINEER STATE OF VIRGINIA 0041784-8656	
THOMPSON AND WRIGHT, ARCHITECTS, LTD. 505-C CEDAR ROAD CHESAPEAKE, VIRGINIA 23320 804-436-0861	
BENNETTS CREEK WARD AND STAKE CENTER CHESAPEAKE VIRGINIA STAKE 4759 BENNETTS PASTURE ROAD SUFFOLK, VIRGINIA	
SHEET TITLE POWER PLAN	
DRAWN BY JAM	CHECKED BY RAC
PROPERTY NUMBER 537-6645-77	
DEVELOPMENT NUMBER	
SHEET NO. E-2	

EQUIPMENT SCHEDULE							
SYM	DESCRIPTION	CIRCUIT	FEEDER	VOLTS/Ø	DISCONNECT	STARTER	HP/WATTS FLA
F1	FURNACE FAN	B-20	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	3/4 HP 14
F2	FURNACE FAN	C-18	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	1/2 HP 10
F3	FURNACE FAN	C-20	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	1/2 HP 10
F4	FURNACE FAN	C-26	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	3/4 HP 14
F5	FURNACE FAN	C-28	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	1/2 HP 10
F6	FURNACE FAN	D-28	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	3/4 HP 14
F7	FURNACE FAN	D-34	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	3/4 HP 14
F8	FURNACE FAN	A-20	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	3/4 HP 14
F9	FURNACE FAN (4)	B-22, 24 A-22, 24	EACH 1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	(4) 3/4 HP (4) 14
F10	FURNACE FAN (4)	C-22, 24 D-30, 32	EACH 1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	INCLUDED	(4) 3/4 HP (4) 14
EVH	ELECTRIC WALL HEATER	B-10	1/2" C (2#12)	208V/1	-	-	1600 W. 7.5
EF1	EXHAUST FAN	D-33	1/2" C (2#12, 1#12G)	120V/1	PLUG-IN	N/A	1/10HP 1
EF2	EXHAUST FAN	B-19	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	N/A	1/4 HP 6
EF3	EXHAUST FAN	B-19	1/2" C (2#12, 1#12G)	120V/1	PLUG-IN	N/A	1/10 HP 1
EF4	EXHAUST FAN	B-23	1/2" C (2#12, 1#12G)	120V/1	MANUAL STARTER W/OVERLOAD RELAY	N/A	1/4 HP 6
EF5	EXHAUST FAN	B-1	1/2" C (2#12, 1#12G)	120V/1	PLUG-IN	N/A	1/10 HP 1
EF6	EXHAUST FAN (2)	C-39 D-33	1/2" C (2#12, 1#12G)	120V/1	PLUG-IN	N/A	1/10 HP 1
CU1	AIR COOLED CONDENSING UNIT	M-10	1/2" C (3#10)	208V/3	30AS/30AF-3P * NEMA 3R	INCLUDED	- ** 15.1
CU2	AIR COOLED CONDENSING UNIT	M-7	1/2" C (3#12, 1#10G)	208V/3	30AS/20AF-3P * NEMA 3R	INCLUDED	- ** 14.1
CU3	AIR COOLED CONDENSING UNIT	M-7	1/2" C (3#12, 1#10G)	208V/3	30AS/20AF-3P * NEMA 3R	INCLUDED	- ** 14.1
CU4	AIR COOLED CONDENSING UNIT	-	1/2" C (3#12, 1#10G)	208V/3	30AS/30AF-3P * NEMA 3R	INCLUDED	- ** 15.1
CU5	AIR COOLED CONDENSING UNIT	-	1/2" C (3#12, 1#10G)	208V/3	30AS/30AF-3P * NEMA 3R	INCLUDED	- ** 14.1
CU6	AIR COOLED CONDENSING UNIT	M-6	1/2" C (3#10, 1#10G)	208V/3	30AS/30AF-3P * NEMA 3R	INCLUDED	- ** 15.1
CU7	AIR COOLED CONDENSING UNIT	M-6	1/2" C (3#10, 1#10G)	208V/3	30AS/30AF-3P * NEMA 3R	INCLUDED	- ** 15.1
CU8	AIR COOLED CONDENSING UNIT	M-9	1/2" C (3#10, 1#10G)	208V/3	30AS/30AF-3P * NEMA 3R	INCLUDED	- ** 15.1
CU9	AIR COOLED CONDENSING UNIT (2)	M-9 M-10	1" C (3#4, 1#8G)	208V/3	100AS/100AF-3P * NEMA 3R	INCLUDED	- ** 62.5
CU10	AIR COOLED CONDENSING UNIT (2)	M-6 M-7	1" C (3#4, 1#8G)	208V/3	100AS/100AF-2P * NEMA 3R	INCLUDED	- ** 62.5

** MINIMUM CIRCUIT AMPACITY.
* ALL FUSES SHALL BE DUAL-ELEMENT TIME DELAY TYPE. FINAL BREAKER/FUSE SIZE SHALL BE DETERMINED BY MANUFACTURERS RECOMMENDATION FOR ACTUAL EQUIPMENT INSTALLED.

PANEL "A"													
AMPS 225 MAIN LUGS ONLY			VOLTS 120/208 PHASE 3 MOUNTING FLUSH					LOCATION CORR. 132					
BRKR			CIRCUIT			PHASE LOADS		CIRCUIT		DESCRIPTION			
A	P	DESCRIPTION	VA	NO	A	B	C	NO	VA		A		
20	1	LIGHTS-FOYER, ROOMS	1600	1	2000			2	400		RECEPT-CHAPEL	20	
20	1	SPARE		3		1000		4	1000		RECEPT-CHAPEL	20	
20	1	LIGHTS-MULTI-PURPOSE, HAL	1200	5			2400	6	1200		RECEPT-ROOM, MULTI-PURPOSE	20	
20	1	LIGHTS-ROOM	1400	7	1400			8	1400		RECEPT-ROOM, VEST.	20	
20	1	SPARE		9				10			BELL SYSTEM	20	
20	1	SPARE		11				12			SPARE	20	
20	1	SPARE		13	800			14	800		RECEPT-MATERIAL CTR.	20	
20	1	SPARE		15	400			16	400		RECEPT-MATERIAL CTR.	20	
2		LTS. PARKING LOT		17				18			SPARE	25	
-	-	(NOTE 3)		19	1600			20	1600		FURNACE FAN (F-8)	25	
20	2	LTS. PARKING LOT		21		1600		22	1600		FURNACE FAN (F-9)	25	
-	-	(NOTE 3)		23			1600	24	1600		FURNACE FAN (F-9)	25	
		SPACE		25				26			SPARE	25	
		SPACE		27		1350		28	1350		RECEPT-MATERIAL CENTER	20	
		SPACE		29				30			SIGN (NOTE 3)	20	
		SPACE		31				32			SPACE		
		SPACE		33				34			SPACE		
		SPACE		35				36			SPACE		
				37				38					
				39				40					
				41				42					
			4800 4350 4000										
										TOTAL LOAD 13150		WATTS	
										37		AMPS	

PANEL "C"

AMPS 225		MAIN LUGS ONLY		VOLTS 120/208 PHASE 3					MOUNTING FLUSH		LOCATION CUST 113			
BRKR		DESCRIPTION	CIRCUIT	VA	NO	A	B	C	NO	VA	DESCRIPTION	BRKR		
A	P											A		
20	1	LIGHTS-PLATFORM, STOR.	900	1	1700				2	800	RECEPT-PLATFORM	20		
20	1	LIGHTS-ROOM	1200	3			2400		4	1200	RECEPT-CULTURAL CENTER	20		
20	1	LIGHTS-CUST. CENTER	1200	5				2400	6	1200	RECEPT-MEN, WOMEN	20		
20	1	FIRE ALARM PANEL	200	7	1000				8	1000	RECEPT-CUST. CENTER, CORR.	20		
20	1	MOTOR DAMPER	200	9			2350		10	1350	RECEPT-ROOM, F.HISTORY	20		
15	1	LIGHTS-TRACK	500	11				1300	12	800	RECEPT-ROOM, F.HISTORY	20		
15	1	LIGHTS-TRACK	500	13	2200				14	1700	MOTORIZED BACKBOARDS	20		
15	1	LIGHTS-TRACK	500	15			1300		16	800	RECEPT-HIGH COUNCIL	20		
15	1	LIGHTS-TRACK	500	17				1700	18	1200	FURNACE FAN (F-2)	20		
15	1	LIGHTS-TRACK	500	19	1700				20	1200	FURNACE FAN (F-3)	20		
15	1	LIGHTS-TRACK	500	21			2100		22	1600	FURNACE FAN (F-10)	25		
15	1	LIGHTS-TRACK	500	23				2100	24	1600	FURNACE FAN (F-10)	25		
15	1	LIGHTS-TRACK	500	25	2100				26	1600	FURNACE FAN (F-4)	25		
15	1	LIGHTS-TRACK	500	27			1700		28	1200	FURNACE FAN (F-5)	20		
15	1	LIGHTS-TRACK	500	29				1500	30	1000	RECEPT-ROOM, STAKE PRES.	20		
15	1	LIGHTS-TRACK	500	31	1500				32	1000	RECEPT-ROOM, HALL	20		
15	1	LIGHTS-TRACK	500	33			1300		34	800	RECEPT-ROOM, STAKE CLERK	20		
20	1	RECPT., F.HISTORY	600	35				1600	36	1000	RECEPT-ROOM	20		
20	1	RECPT., F.HISTORY	600	37	2000				38	1400	RECEPT-BISHOP, CLERK	20		
20	1	LIGHTS, F.HISTORY	1200	39			2400		40	1200	RECEPT-BISHOP, CLERK	20		
20	1	SPARE		41				200	42	200	WH CONTROLS	20		
				11200 13550 10800						TOTAL LOAD 35550			WATTS	
										99			AMPS	

NOTES

- PROVISIONS FOR FUTURE BREAKERS SHALL BE MADE WHERE SPACES ARE SHOWN IN PANELS.
- PROVIDE 1 ROD MOUNTED PHOTOCELL FOR CONTROL OF EXTERIOR LUMINARIES ON CIRCUIT B-3.
- PROVIDE 6 POLE 20A CONTACTOR, PHOTOCELL, TIME CLOCK FOR CONTROL PARKING LOT LIGHTING. CONTROL SHALL BE PHOTOCELL ON TIME CLOCK OFF.



★ MOVED TO PANEL "A"

PANEL "B"																
AMPS 225		MAIN LUGS ONLY		VOLTS 120/208 PHASE 3 MOUNTING FLUSH					LOCATION CUST 113							
BRKR		DESCRIPTION		CIRCUIT			PHASE LOADS		CIRCUIT			DESCRIPTION			BRKR	
A	P			VA	ND	A	B	C	ND	VA					A	P
20	1	LIGHTS-FOYER, ROOMS		1370	1	1970				2	600			RECEPT-ORGAN	20	1
20	1	LIGHTS-EXTERIOR DOORWAYS		860	3		1460		4	600			RECEPT-CHAPEL	20	1	
20	1	NOTE 2							6	1500			WTR HTR	20	1	
20	1	LIGHTS-MULTI-PURPOSE, HAL		1200	5			2700							20	1
20	1	LIGHTS-CHAPEL		1260	7	1260				8			SPARE	20	1	
20	1	LIGHTS-CHAPEL		1260	9		1260			10			SPARE	20	1	
20	1	LIGHTS-CHAPEL		590	11			590	12				SPARE	20	1	
20	1	LIGHTS-CHAPEL		950	13	2150				14	1000		RECEPT-ROOM, MULTI-PURPOSE	20	1	
20	1	LIGHTS-CHAPEL		1600	15			2800		16	1200		RECEPT-ROOM VESTIBULE	20	1	
20	1	LIGHTS-CHAPEL		1600	17			1600	18				SPARE	25	1	
20	1	LIGHTS-MEN		1550	19	3150				20	1600		FURNACE FAN (F-1)	25	1	
20	1	LIGHTS-CHAPEL		900	21		2500			22	1600		FURNACE FAN (F-9)	25	1	
20	1	LIGHTS-WOMEN		1200	23			2800	24	1600			FURNACE FAN (F-9)	25	1	
20	1	SPARE			25				26				SPARE	25	1	
20	1	LIGHTS-PARKING LOT		800	27		900		28	100			SPARE	20	1	
20	1	NOTE 3		800	29			800	30				SPRINKLER CONTROL	20	1	
20	1	LIGHTS-PARKING LOT		800	31	800			32				SPACE			
20	1	NOTE 3		800	33		800		34				SPACE			
		SPACE			35				36				SPACE			
		SPACE			37				38							
		SPACE			39				40							
		SPACE			41				42							
				9330 9720 16920							TOTAL LOAD 26040			WATTS 72		
											AMP					

PANEL "D"													
AMPS 225 MAIN LUGS ONLY			VOLTS 120/208 PHASE 3			MOUNTING FLUSH			LOCATION CORR. 132				
BRKR			CIRCUIT	PHASE LOADS			CIRCUIT					BRKR	
A	P	DESCRIPTION	VA	NO	A	B	C	NO	VA	DESCRIPTION	A	P	
20	1	LIGHTS-RELIEF SOCIETY	1200	1	2200			2	1000	RECEPT-ROOM	20	1	
20	1	LIGHTS-RELIEF SOCIETY	1520	3		2720		4	1200	RECEPT-CULTURAL CTR.	20	1	
20	1	SPARE		5			1400	6	400	RECEPT-RELIEF SOCIETY	20	1	
20	1	LIGHTS-CORRIDOR	1300	7	2400			8	600	RECEPT-RELIEF SOCIETY	20	1	
20	1	ATTIC LIGHTS		9		1000		10	1000	RECEPT-VIDEO SYSTEM	20	1	
20	1	STORAGE BLDG.		11			2450	12	1000	RECEPT-SOUND SYTEM	20	1	
20	1	LIGHTS-CULTURAL CTR.	600	13	800			14	200	RECEPT-SERVING AREA	20	1	
20	1	LIGHTS-CULTURAL CTR.	1400	15		1600		16	200	RECEPT-SERVING AREA	20	1	
20	1	LIGHTS-CULTURAL CTR.	1600	17			1800	18	200	RECEPT-SERVING AREA	20	1	
20	1	LIGHTS-CULTURAL CTR.	1400	19	1600			20	200	RECEPT-SERVING AREA	20	1	
20	1	LIGHTS-CULTURAL CTR.	1600	21		1800		22	200	RECEPT-SERVING AREA	20	1	
20	1	LIGHTS-CULTURAL CTR.	1400	23			1600	24	200	RECEPT-SERVING AREA	20	1	
30	2	WALL OVEN	4600	25	5200			26	600	RECEPT-SCORE BOARD	20	1	
-	-	---	4600	27		6200		28	1600	FURNACE FAN (F-6)	25	1	
50	2	RECEPT-RANGE	4600	29			5750	30	1600	FURNACE FAN (F-10)	25	1	
-	-	---	4600	31	6200			32	1600	FURNACE FAN (F-10)	25	1	
20	1	LIGHTS-SERVING, NURSERY	1200	33		1600		34	1600	FURNACE FAN (F-7)	25	1	
20	1	LIGHTS-BISHOP, CLERK	1200	35			1800	36	1200	RECEPT-NURSERY, ROOM	20	1	
30	3	WELL PUMP IN		37	1800			38	1000	RECEPT-NURSERY, TOILET	20	1	
-	-	STORAGE BLDG.		39		1800		40	200	WH CONTROLS	20	1	
-	-	---		41			600	42	600	SPARE	20	1	
			20200 16720 15400						TOTAL LOAD 52320			WATTS	
									145			AMPS	

LOAD TABULATION					
CIRCUIT	DESCRIPTION	LOAD AMPS			
		'A	'B	'C	N
M-1	PANEL A	40	36	33	37
M-1	PANEL B	78	81	58	72
M-3	PANEL C	93	113	90	99
M-4	PANEL D	168	139	128	145
M-5	SPACE	--	--	--	--
M-6	CONDENSING UNITS (CU-6, CU-7, CU-10)	86	86	86	
M-7	CONDENSING UNITS (CU-3, CU-2, CU-10)	76	76	76	
M-8	CONDENSING UNITS (CU-4)	17	17	17	
M-9	CONDENSING UNITS (CU-8, CU-9)	69	69	69	
M-10	CONDENSING UNITS (CU-1, CU-9)	69	69	69	
M-11	CONDENSING UNITS (CU-5)	12	12	12	
TOTALS		708	698	638	35

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

NOTES:

1. EITHER PUSHBUTTON SHALL RING ALL BELLS
2. ALL CONDUIT SHALL BE 1/2"

SIGNAL SYSTEM DIAGRAM

SCALE: NONE

TELEPHONE SYSTEM DIAGRAM
SCALE: NONE

NOTES:

1. BOXES FOR REMOTE SENSOR OUTLETS SHALL BE 2' x 4' WITH LONG DIMENSION VERTICAL.
2. BOXES FOR THERMOSTAT OUTLETS SHALL BE 2' x 4' WITH LONG DIMENSION HORIZONTAL.
3. J-BOXES IN MECHANICAL ROOMS SHALL BE 4' x 4'.
4. SEE SHEET M-5 DETAIL B FOR MOUNTING HEIGHTS OF TEMPERATURE CONTROL EQUIPMENT IN MECHANICAL ROOMS.
5. ALL CONDUIT TO BE 3/4" UNLESS NOTED OTHERWISE.

TEMPERATURE CONTROL
RACEWAY DIAGRAM

SCALE: NONE

FIRE ALARM SYSTEM DIAGRAM
SCALE: NONE

ELECTRICAL SYMBOLS

NOTE: ALL SYMBOLS MAY NOT BE USED

	FLUORESCENT FIXTURE (TYP.)
	FLUORESCENT FIXT. WITH EMERGENCY LIGHTING UNIT

- ⊗ WALL MOUNTED EXIT LIGHT (SINGLE FACE)
- ⊗ WALL MOUNTED EXIT LIGHT (DOUBLE FACE)
- SURFACE OR PENDANT MOUNTED FIXTURE

☐ WALL MOUNTED FIXTURE
☐ RECESSED FIXTURE

	LIGHT TRACK
F2	FIXTURE SYMBOL
S	SINGLE POLE SWITCH

S₂ TWO POLE SWITCH
S₃ 3-WAY SWITCH
S₄ 4-WAY SWITCH
S₅

SD DIMMER SWITCH
SF EXHAUST FAN TIMER SWITCH
ST TIME SWITCH AND LIGHTING CONTACTOR
S

SP PILOT SWITCH
SL LIGHTED TOGGLE SWITCH
SM MANUAL STARTER WITH OVERLOAD RELAY

- ③ JUNCTION BOX
- ④ DUPLEX RECEPTACLE OUTLET
- ⑤ SPLIT WIRED DUPLEX RECEPTACLE OUTLET

WP ① DUPLEX RECEPTACLE OUTLET
WEATHERPROOF AND GFCI

GFCI ① DUPLEX RECEPTACLE OUTLET
WITH GROUND FAULT PROTECTION

RECEPTACLE ELECTRIC WATER COOLER (

RANGE RECEPTACLE OUTLET

RECEPTACLE FLOOR MOUNTED

- ④ THERMOSTAT OUTLET
- ⑤ REMOTE SENSOR OUTLET
- ⑥-1 BELL

	PUSHBUTTON
	TELEPHONE OUTLET
	OCCUPANCY SENSOR OUTLET

(P) PHOTO CELL OUTLET

$\frac{EF}{1}$ MECHANICAL EQUIPMENT SYMBOL

DISCONNECT SWITCH
MOTOR STARTER
MOTOR OUTLET

LIGHTING AND POWER PANELBOARD
 ROOM NUMBER
 BRANCH CIRCUIT CONCEALED IN CEILING

BRANCH CIRCUIT CONCEALED IN FLOOR
BRANCH CIRCUIT HOMERUNS TO PANEL
CROSS LINES INDICATE NUMBER OF SE

3 [F] FIRE ALARM
|
| RAIL STATION

NOTES:

1. FIXTURE AND POLE FINISH SHALL MATCH WINDOW AND DOOR FRAME FINISH.
2. REFER TO SHEET E-5 FOR POLE BASE DETAIL.

116 118 106

LEC.-103 

FIXTURE SCHEDULE							
SYM	MANUFACTURER		FIX. VA	LAMP TYPE	MOUNTING	REMARKS	
	NAME	CAT. NO.					
F1	DAY-BRITE LITHONIA METALUX KLP	WA-142-120-ESB LB240A-120-ES WS-240A-120-LE3 WA240-120-LE	100	2-F40 WW	SURFACE	ENERGY SAVING BALLAST	
F2	DAY-BRITE LITHONIA METALUX KLP	DC140-4-120-ESB CB140A-120-ES CR140A-120-LE3 AP140-120-LE	50	1-F40 WW	SURFACE	ENERGY SAVING BALLAST	
F3	DAY-BRITE LITHONIA METALUX KLP	S140HRS-120-ESB S140HRS-120-ES SN140HRS-120-LE3 S140RSHPF-120-LE	50	1-F40 WW	COVE & CHAIN SUSPEND	ENERGY SAVING BALLAST	
F4	DAY-BRITE LITHONIA METALUX KLP	S140-B-120-ESB BTS140HRS-120-ES BTSN140HRS-120-LE3 S140RSHPF-120-LE	100	2-F40 WW	COVE	ENERGY SAVING BALLAST	
F5	DAY-BRITE LITHONIA METALUX KLP	C240-120-ESB C240-120-ES SS-240-120-LE3 CS240RSHPF-120-LE	100	2-F40 WW	COVE	ENERGY SAVING BALLAST	
F6	DAY-BRITE LITHONIA METALUX KLP	2X44-1-140ACT-ESB 2M440WAR12-120-ES 2M440ACTF120-120-LE3 NRTS2S.14ACT440-120-LE	200	4-F40 WW	SURFACE	ENERGY SAVING BALLAST .14 THICK KSH ACRI-TUF LENS	
F7	DAY-BRITE LITHONIA METALUX KLP	CG242-C120-120-ESB 2SP240A12-125-120-ES EGS-230A.125-120-LE3 NRTSGVB240-120-LE	100	2-F40 WW	RECESSED LAY-IN	ENERGY SAVING BALLAST	
F8	METALUX KLP PRUDENTIAL DAY-BRITE	BE-140-120-LE3 CW1140HPF P-1851-48RS-PRA CZ22124-4V-120-ESB	50	1-F40 WW	WALL	MOUNT ABOVE MIRRORS ENERGY SAVING BALLAST	
F9	METALUX KLP PRUDENTIAL DAY-BRITE	BE-120HTS-120 CW1120HPF P-1851-24TS-PRA CZ2212-2V-120-ESB	30	1-F20 WW	WALL	MOUNT AS SAME HEIGHT AS F	
F10	DAY-BRITE LITHONIA METALUX KLP	CS222-CS023-ESB 2M2U40-RW-A12-120-ES 2MR-2UGA NRTS2SV2U4	100	2-F40U WW	SURFACE	ENERGY SAVING BALLAST	
F11	HALO LITHONIA CAPRI LIGHTGLIER	H7691-96408A LP RFB-3-120 PL013MOD-T252 8054MG	20	2-9W PL	RECESS		
F12	HALO LIGHTGLIER	H221-24 1602/1607	20	13W PL	RECESS		
F13	CAPRI HALO LIGHTGLIER LITHONIA	KT241-1P/KA15P L764P/L973P 7540/6190 TCB40WH/TA18WH	150	PAR-38 FLOOD	SURFACE		
F14	MANNING VISA MCFADDEN	CH110	200	4-F40WW U-LAMP	PENDANT	ENERGY SAVING BALLAST MOUNT 14"-0" FLOOR TO BOTTOM OF FIXTURE (CHAPEL ONLY)	
F15	CAPRI HALO LITHONIA PERFECTITE	S10X-S12 HIT-10P LS7-FW7 FC21-1-BCL	100	A-19 I.F.	RECESS	DAMP LOCATION	
F16	LITHONIA CAPRI LIGHTGLIER HALO	T4/TA-1/VH KT4P/KA9P 6101/6060 L641P/L941P/L900P	--	--	SURFACE	4' LIGHT TRACK	
F17	LITHONIA CAPRI LIGHTGLIER HALO	2-T8, 1-T4/TA-1/VH KT12P/KT8P/KA9P/KA2P (2)6102/6101/6060/(2)6154 (2)L642P/L641P/(2)L949P/L941P/L900P	-	-	SURFACE	20' LIGHT TRACK	
F18	LITHONIA CAPRI LIGHTGLIER HALO	TU-40-H40/VH KT100P/KA106P 6320/7627 L704P	150	R-40 FLOOD/ COLORS	TRACK	LAMPS: 12 WHITE 4 RED 4 BLUE 4 AMBER	
F19	CAPRI HALO LITHONIA LIGHTGLIER	C060SA H2400AL WSJS 5701	100	A-19 I.F.	SURFACE		
F20	NDRAL	CITABEL	40	PL-13	WALL	COMPACT FLUORESCENT	
F21	NDRAL	AMBASSADOR (208V)	200	E-23 1/2 LUI30	18" TYPE "A" ALUMINUM COLUMNIAL STYLE POLE	SEE SITE PLAN FOR LOCATION SYMETRICAL RING REFLECTOR WHERE TWIN UNITS ARE SHOWN PROVIDE ARM FOR UPRIGHT MOUNTING. 12-G/L/A	
F22	CAPRI HALO LITHONIA LIGHTGLIER	AEIIX-T111 H-44T-448 R6MB 7760	150	R50W 140 SP	RECESS		
F23	KIM	AF13 (120V) W/HOOD	75	50WWH	FLUSH CONCRETE PEDESTAL	ADJUST FOR MINIMAL SPILLAGE SIGN FLOOD LIGHT. SEE SITE PLAN FOR LOCATION PROVIDE ARCHITECTURAL JUNCTION BOX FOR MOUNTING.	
F24	BRANDHURST SPL SRBT ISDLITE	B-100-U20-GR 700A-20-G 171-20-G 880-12-6 20-DA-GR	-	-	WALL	SELF LUMINOUS	
F25	BRANDHURST SPL SRBT ISDLITE	B-100-U20-D-GR 700AD-20-G (2)171-20-G (2)880-12-6 20-DA-GR	-	-	WALL	SELF LUMINOUS	
F26	JEFFERSON BRASS	CH-1036	600	10-60W	PENDANT	MOUNT 8"-6" FLOOR TO BOTTOM OF FIXTURE	

DATE
FEB. 11, 1994

REVISIONS
REVISED TELEPHONE SYS. DIAGRAM
ADDED PUMP, STO. BLDG., REVISED
TEL. SYS., TEMP. CNTRL., F.A. SYS.
DIAGRAMS DEC 05 1995

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CHESAPEAKE VIRGINIA STAKE
4759 BENNETTS PASTURE ROAD
SUFFOLK VIRGINIA

SHEET TITLE
SCHEDULE & DIAGRAMS

DRAWN BY: JAM	CHECKED BY: PAC
PROPERTY NUMBER 537-6645-7	

SHEET NO.
F-4