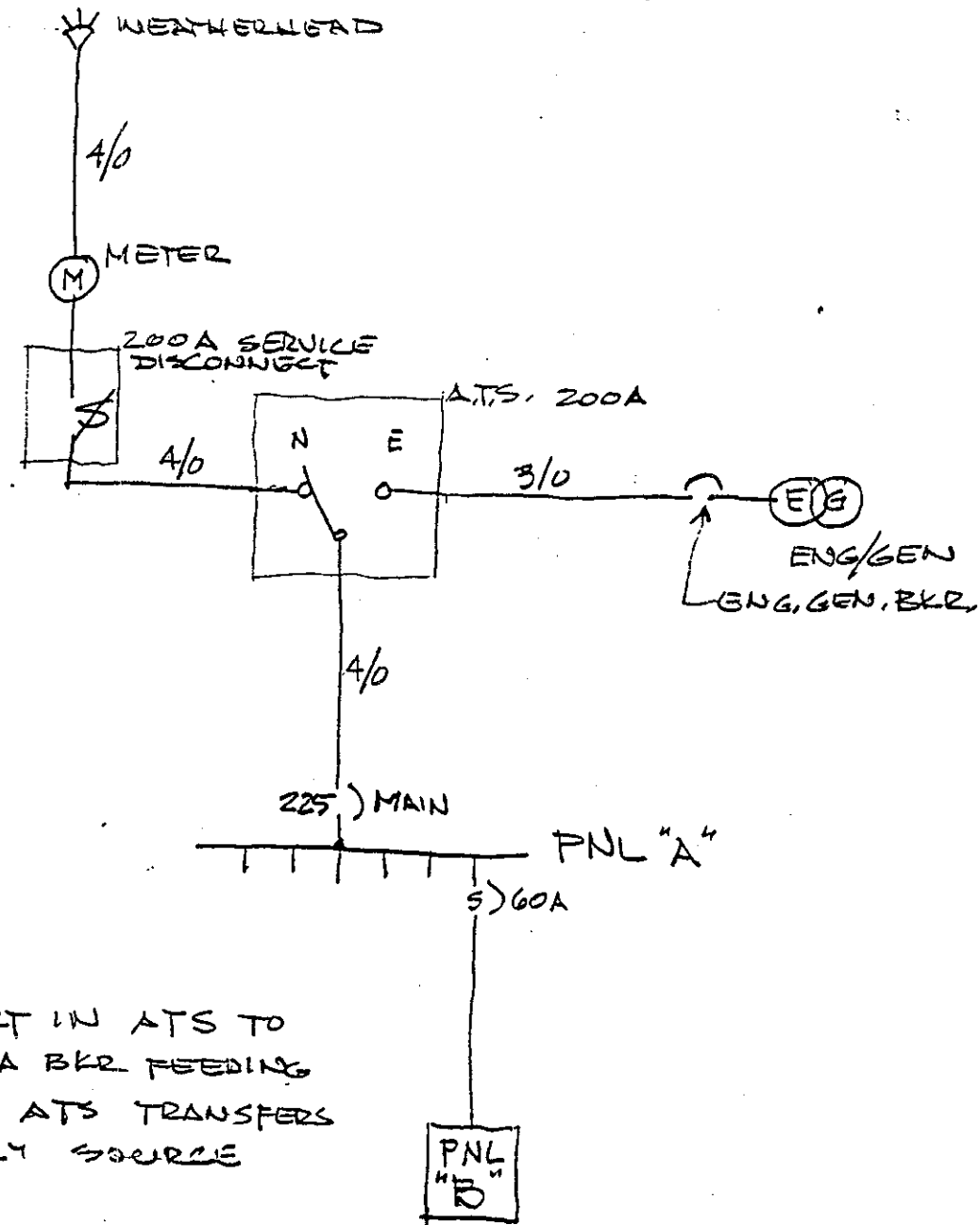


REVISED POWER RISER DIAGRAM
NO SCALE



NOTE: CONTACT IN ATS TO SHUNT TRIP 60A BKR FEEDING PNL "B" WHEN ATS TRANSFERS TO EMERGENCY SOURCE

ONE LINE DIAGRAM
NO SCALE

REVISED ELECTRICAL SERVICE ENTRANCE DETAILS

HOLLIDAY
COUCH
HOLLIS
JELKS

ARCHITECTS

577 Mulberry Street
Suite 620
P.O. Box 975
Macon, Georgia 31202

(912) 745-6514
(912) 745-6516 FAX

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FIRE STATION
FOR MACON-BIBB COUNTY FIRE DEPARTMENT
7099 PRICE ROAD
MACON, BIBB COUNTY, GEORGIA

Revisions

Drawn by R.F.

Checked by K.E.H.

Date 5-18-90

Job Number 87.043

Sheet 1 of 1

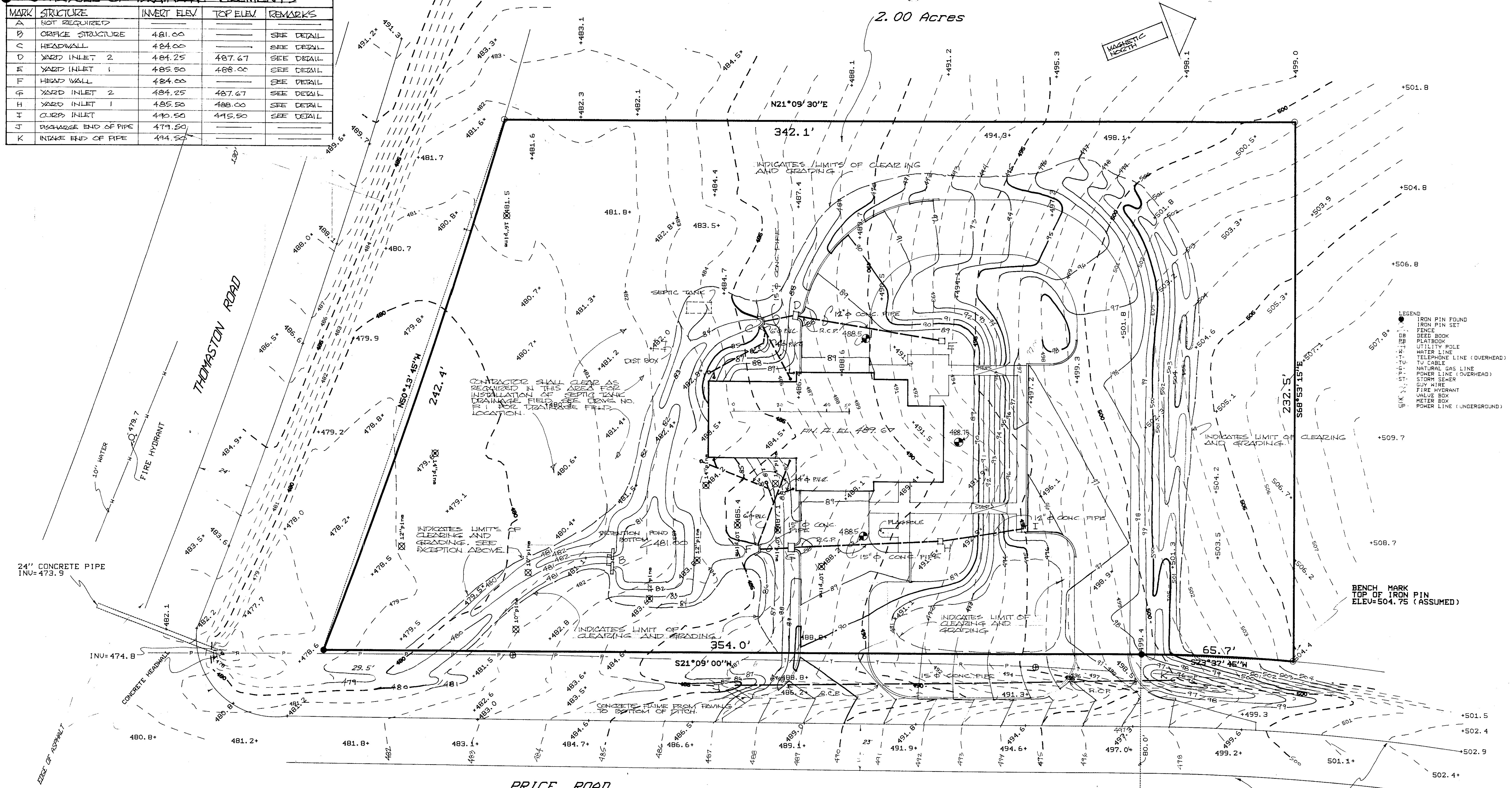
Sheet Number

R-1

SCHEDULE OF DRAINAGE ELEMENTS

MARK	STRUCTURE	INVERT ELEV.	TOP ELEV.	REMARKS
A	NOT REQUIRED			
B	ORFICE STRUCTURE	481.00		SEE DETAIL
C	HEADWALL	484.00		SEE DETAIL
D	YARD INLET 2	484.25	487.67	SEE DETAIL
E	YARD INLET 1	485.50	488.00	SEE DETAIL
F	HEAD WALL	484.00		SEE DETAIL
G	YARD INLET 2	484.25	487.67	SEE DETAIL
H	YARD INLET 1	485.50	488.00	SEE DETAIL
I	CURB INLET	490.50	495.50	SEE DETAIL
J	DISCHARGE END OF PIPE	479.50		
K	INTAKE END OF PIPE	494.50		

Tract A-1
2.00 Acres



CONTRACTOR SHALL CLEAR AS REQUIRED IN THIS AREA FOR INSTALLATION OF SEPTIC TANK DRAINAGE FIELD SEE DRAWING NO. B-1 FOR TREATMENT FIELD LOCATION.

INDICATES LIMITS OF CLEARING AND GRADING. SEE EXCEPTION ABOVE.

INDICATES LIMIT OF CLEARING AND GRADING.

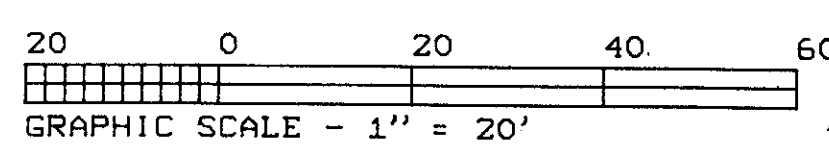
INDICATES LIMIT OF CLEARING AND GRADING.

BENCH MARK TOP OF IRON PIN ELEV=504.75 (ASSUMED)

GRADING PLAN

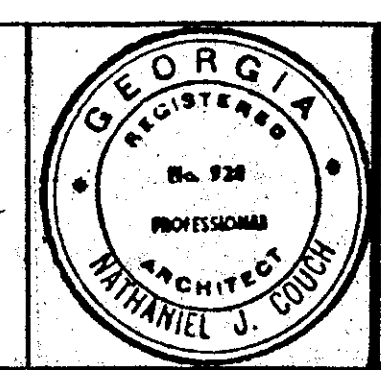
SCALE 1" = 20' 0"
WHERE CONTOUR ELEVATIONS ARE INDICATED BY TWO DIGITS NOTE THAT THEY SHALL BE READ AS BEING 400 PLUS THE TWO DIGITS
WHERE CONC. PIPE PASSES UNDER DRIVEWAYS, PIPE SHALL BE REINFORCED CONC. PIPE (R.C.P.)

DISTANCES BY HORIZONTAL MEASUREMENT
BEARINGS COMPUTED FROM TURNED ANGLES
BEARINGS ASSUMED FROM PLAT BOOK 53 FOLIO 90
SITE ZONED R1-4A
APPARENT ANGULAR ERROR OF 0 00'03" PER ANGLE POINT
APPARENT ERROR OF CLOSURE (FIELD) 1 FT. IN 10,000 FT.
TOTAL STATION SURVEY ADJUSTED USING THE LEAST SQUARES METHOD
COPYRIGHT 1989 ROBERT W. HURLEY, III
THIRD PARTY USE OF THIS PLAN IS NOT AUTHORIZED
TAX MAP 1-7
CROSS MARK IS THE POINT OF ELEVATION
UTILITIES COMPILED FROM UTILITY COMPANY RECORDS
TREE CROWNS ARE NOT TO SCALE
SUBSURFACE FEATURES ARE NOT SHOWN UNLESS NOTED
ONLY SELECTED TREES LOCATED ENTIRE SITE IS WOODED & RECENTLY LOGGED
THIS DRAWING AVAILABLE ON DISK (.DWP FORMAT)
AREA 100 FT. WIDE ALONG THOMASTON ROAD TO BE RESERVED FOR SEWERAGE SYSTEM
MINIMUM BUILDING SETBACK LINES
THOMASTON ROAD = 50'
PRICE ROAD = 30'
STREET ADDRESS
THOMASTON ROAD - NO. 6201
PRICE ROAD - NO. 7099
NATURAL GAS SERVICE IS NOT AVAILABLE AT THE SITE



TOPOGRAPHIC SURVEY
FOR
BIBB COUNTY
Tract A-1 LAND LOT 238
THIRTEENTH LAND DISTRICT
BIBB COUNTY GEORGIA
Scale 1"=20' September 12, 1989
ROBERT W. HURLEY, III
GEORGIA REGISTERED LAND SURVEYOR NO. 2184
1111 VIK VILLAGE LANE, MACON, GEORGIA 31207

FIRE STATION
FOR
MACON-BIBB COUNTY FIRE DEPARTMENT
7099 PRICE ROAD
MACON, BIBB COUNTY, GEORGIA



HOLLIDAY, COUCH, HOLLIS & JELKS
ARCHITECTS A.I.A.
620 CHARTER MEDICAL BUILDING BOX 975, MACON, GEORGIA 31202
912-745-6514 31202

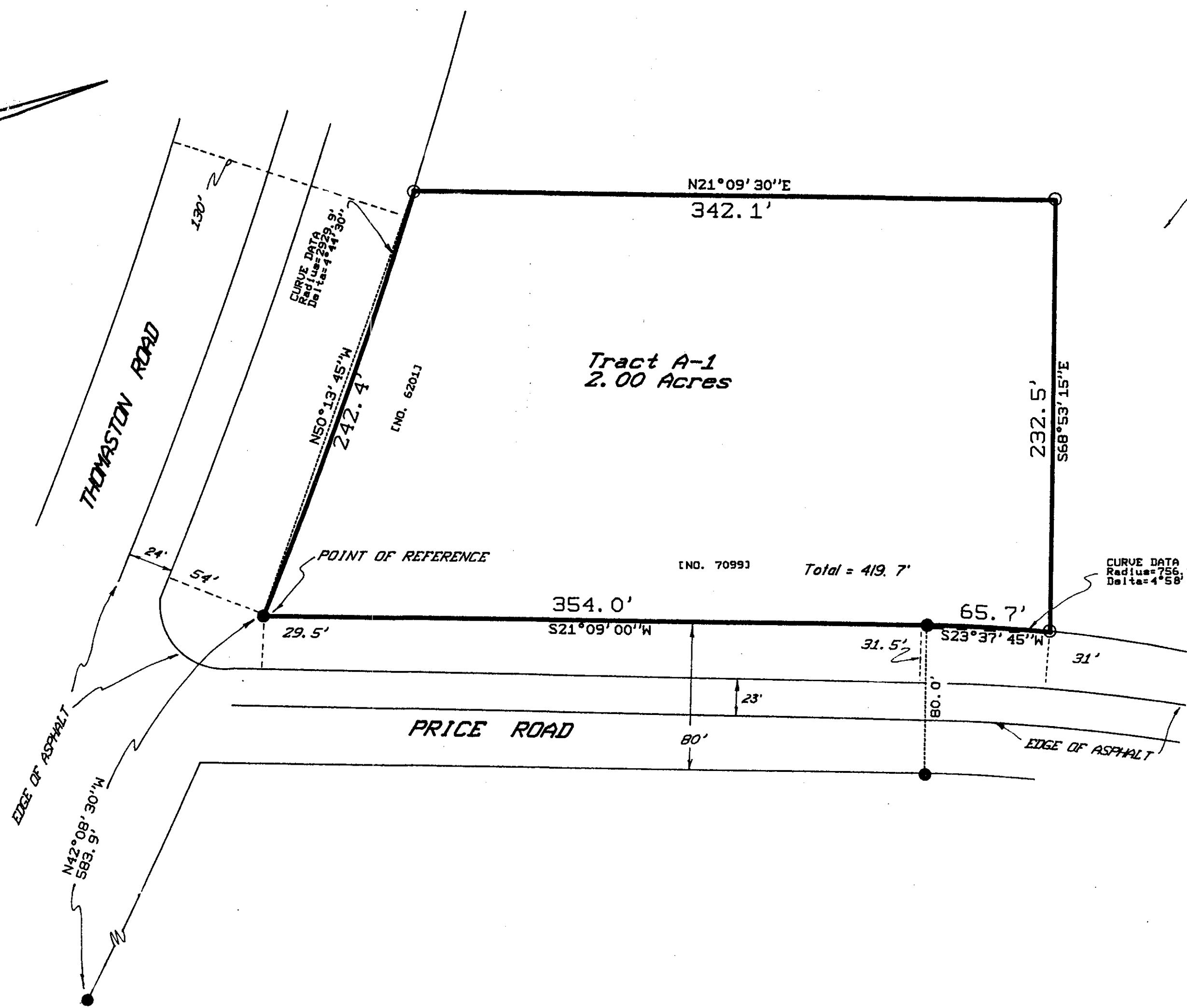
DWN. BY N.J.C. JOB NO. 89-043
CRD. BY N.J.C. DATE 15 DEC 89
DWG. NO. A1
SHEET 1 OF 15 SHEETS
TITLE GRADING PLAN

Free SA# 106

106

MAGNETIC NORTH

VIRGINIA McCOOK LINEBERGER
DB 1403/572
PB 53/90

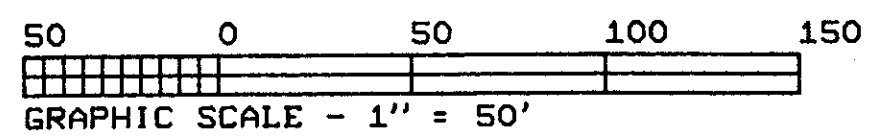


LEGEND
 ● IRON PIN FOUND
 ○ IRON PIN SET
 — FENCE
 DB DEED BOOK
 PB PLATBOOK

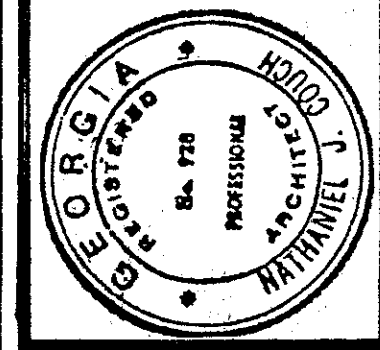
DISTANCES BY HORIZONTAL MEASUREMENT
 BEARINGS COMPUTED FROM TURNED ANGLES
 BEARINGS ASSUMED FROM PLAT BOOK 53 FOLIO 90
 SUB SURFACE FEATURES NOT SHOWN UNLESS NOTED
 IMPROVEMENTS NOT SHOWN UNLESS NOTED
 REFERENCE PLAT RECORDED BIBB COUNTY SUPERIOR COURT
 PLAT BOOK 53 FOLIO 90
 APPARENT ANGULAR ERROR OF 0 00' 03" PER ANGLE POINT
 APPARENT ERROR OF CLOSURE (FIELD) 1 FT. IN 10, 000 FT.
 APPARENT ERROR OF CLOSURE (PLAT) 1 FT. IN 92931 FT.
 TOTAL STATION SURVEY ADJUSTED USING THE LEAST SQUARES RULE
 PLAT PREPARED SEPTEMBER 12, 1989
 COPYRIGHT 1989 ROBERT W. HURLEY, III
 THIRD PARTY USE OF THIS PLAT IS NOT AUTHORIZED
 TAX MAP 1--7
 MINIMUM BUILDING SETBACK LINE
 THOMASTON ROAD = 50'
 PRICE ROAD = 30'
 SITE ZONED R1-AAA

"I CERTIFY THAT THE FINAL PLAT LAYOUT MEETS THE
 PLATING REQUIREMENTS OF THE COUNTY OF BIBB
 ENGINEERING DEPARTMENT. THE COUNTY OF BIBB DOES
 NOT BY THIS APPROVAL, ACCEPT THE DEDICATION, IF
 ANY, OF DRAINAGE EASEMENTS AND ASSUMES NO
 RESPONSIBILITY FOR THEIR MAINTENANCE.

DATE: 9-15-89
 COUNTY ENGINEER: *Dr. E. Fountain*



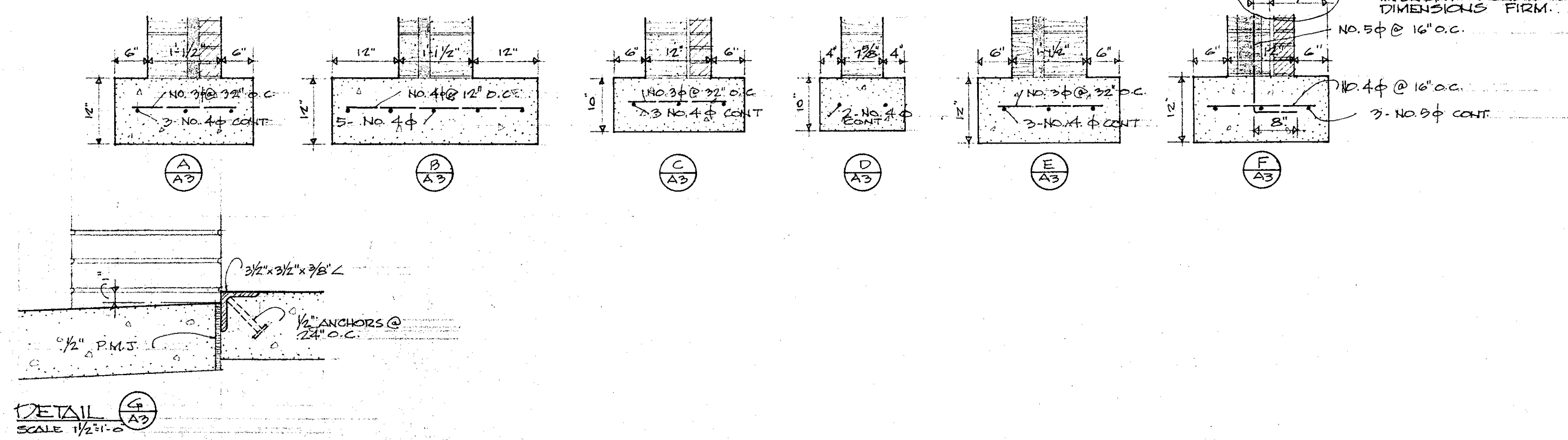
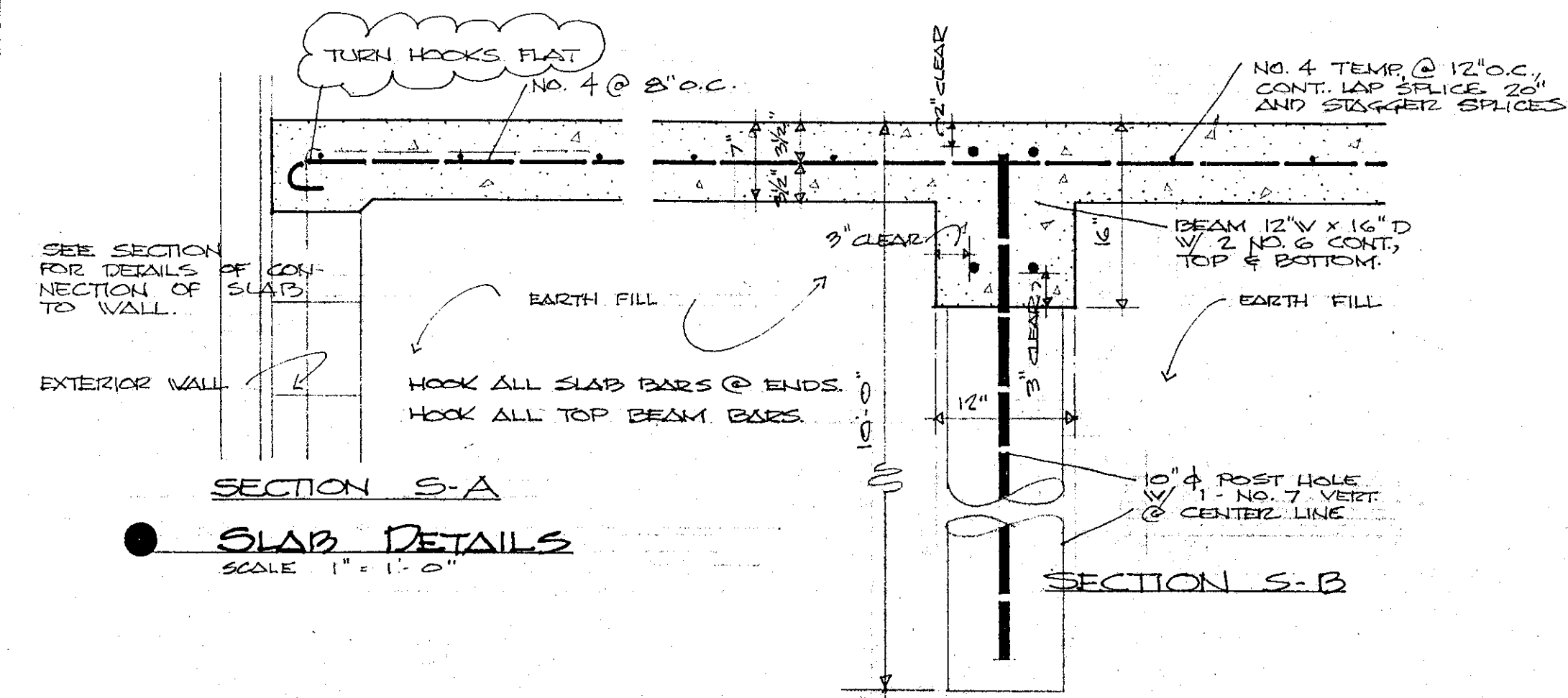
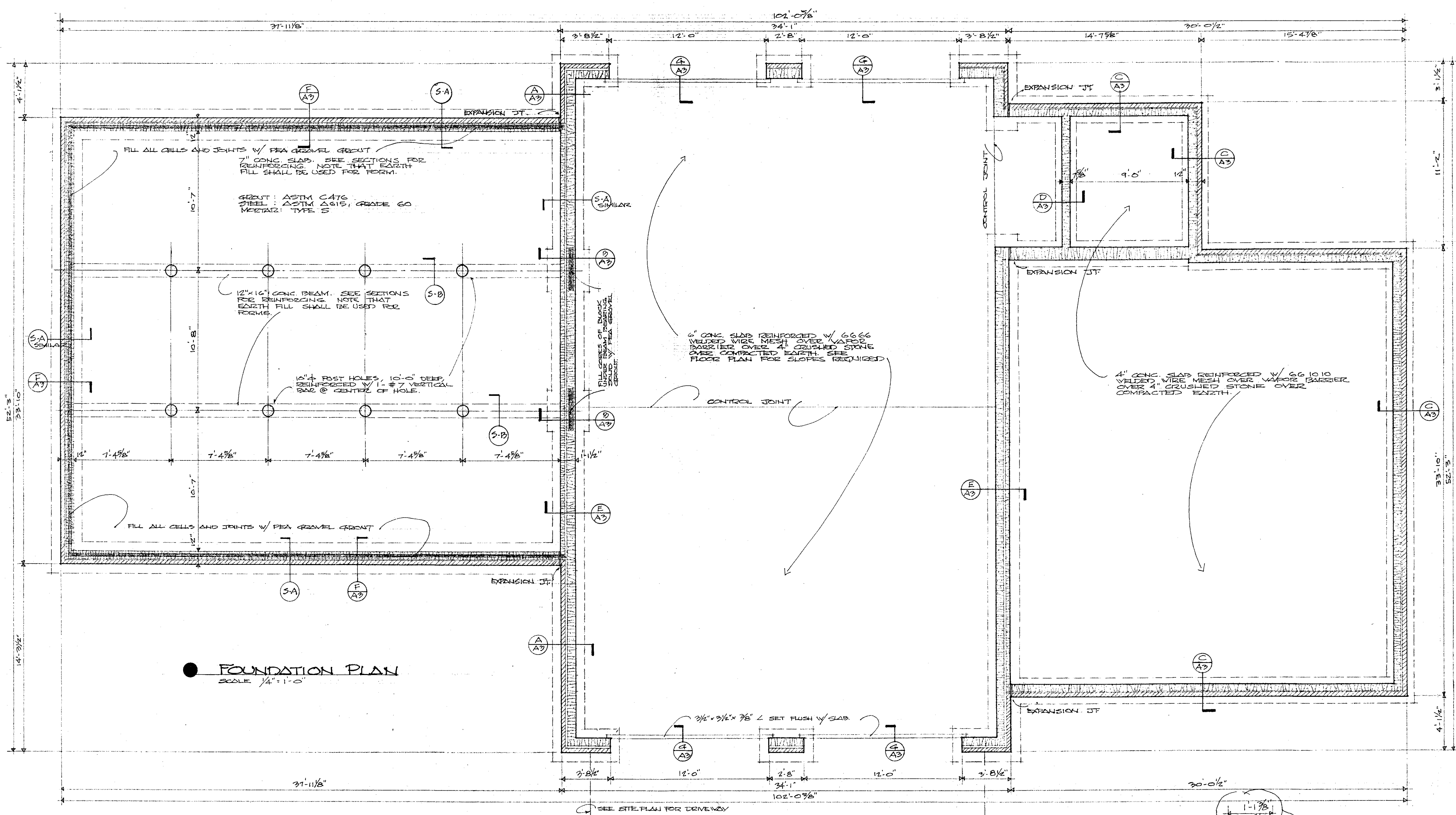
SUBDIVISION	
FOR	
BIBB COUNTY	
Tract A-1 LAND LOT 238 THIRTEENTH LAND DISTRICT BIBB COUNTY GEORGIA	
Scale 1"=50' September 11, 1989	
ROBERT W. HURLEY, III GEORGIA REGISTERED LAND SURVEYOR NO. 2184	
ATTY VLSR V1127PL1	MACON, GEORGIA

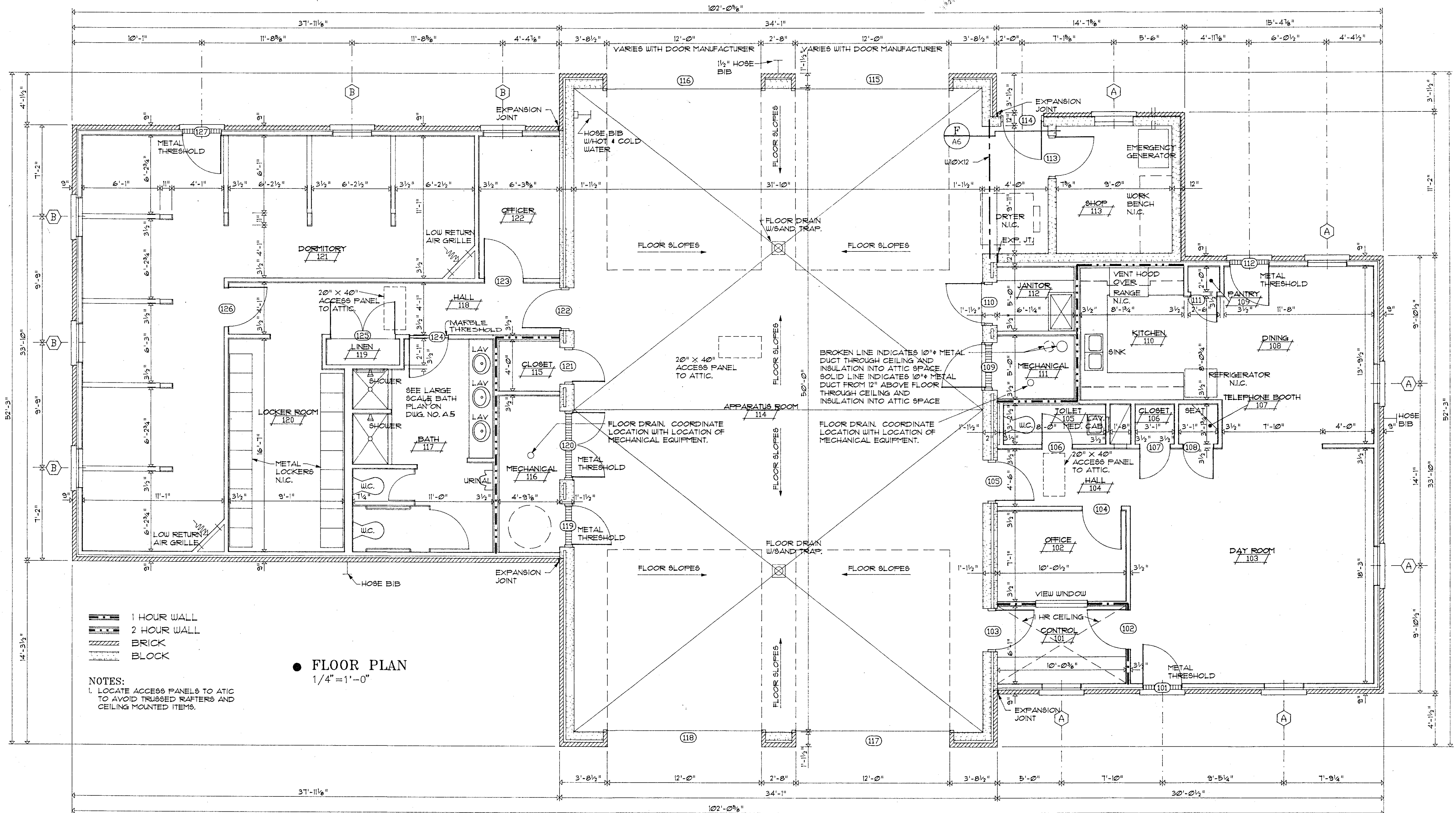


FIRE STATION
FOR
MACON-BIBB COUNTY FIRE DEPARTMENT
7099 PRICE ROAD
MACON, BIBB COUNTY, GEORGIA

HOLLIDAY, COUCH, HOLLIS & JELKS
ARCHITECTS
A.L.A.
620 CHARTER MEDICAL BUILDING
MACON, GEORGIA
BOX 975
912.745.6514
31202

DWN. BY: N.T.C. JOB NO.: 89.049
CKD. BY: N.T.C. DATE: 15 DEC. 89
DWG. NO.: **A3**
SHEET 2 OF 15 SHEETS
TITLE: FOUNDATION PLAN
FOOTING DETAILS



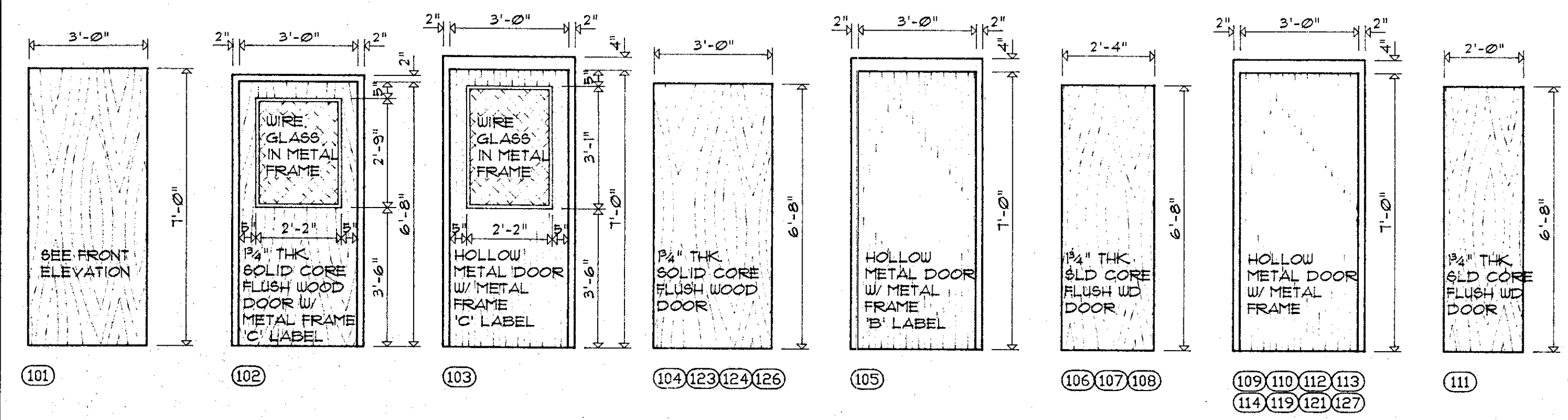


- 1 HOUR WALL
- 2 HOUR WALL
- BRICK
- BLOCK

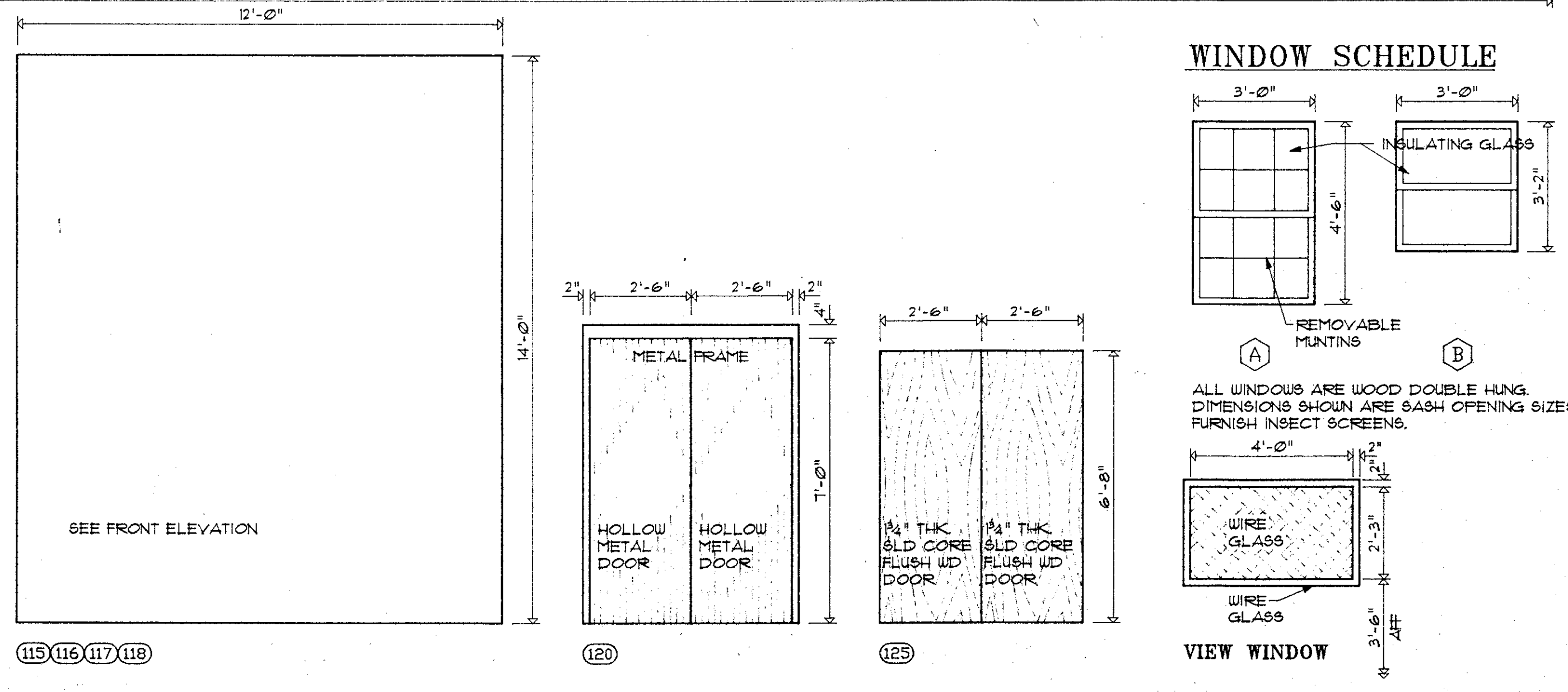
NOTES:
1. LOCATE ACCESS PANELS TO ATTIC TO AVOID TRUSSED RAFTERS AND CEILING MOUNTED ITEMS.

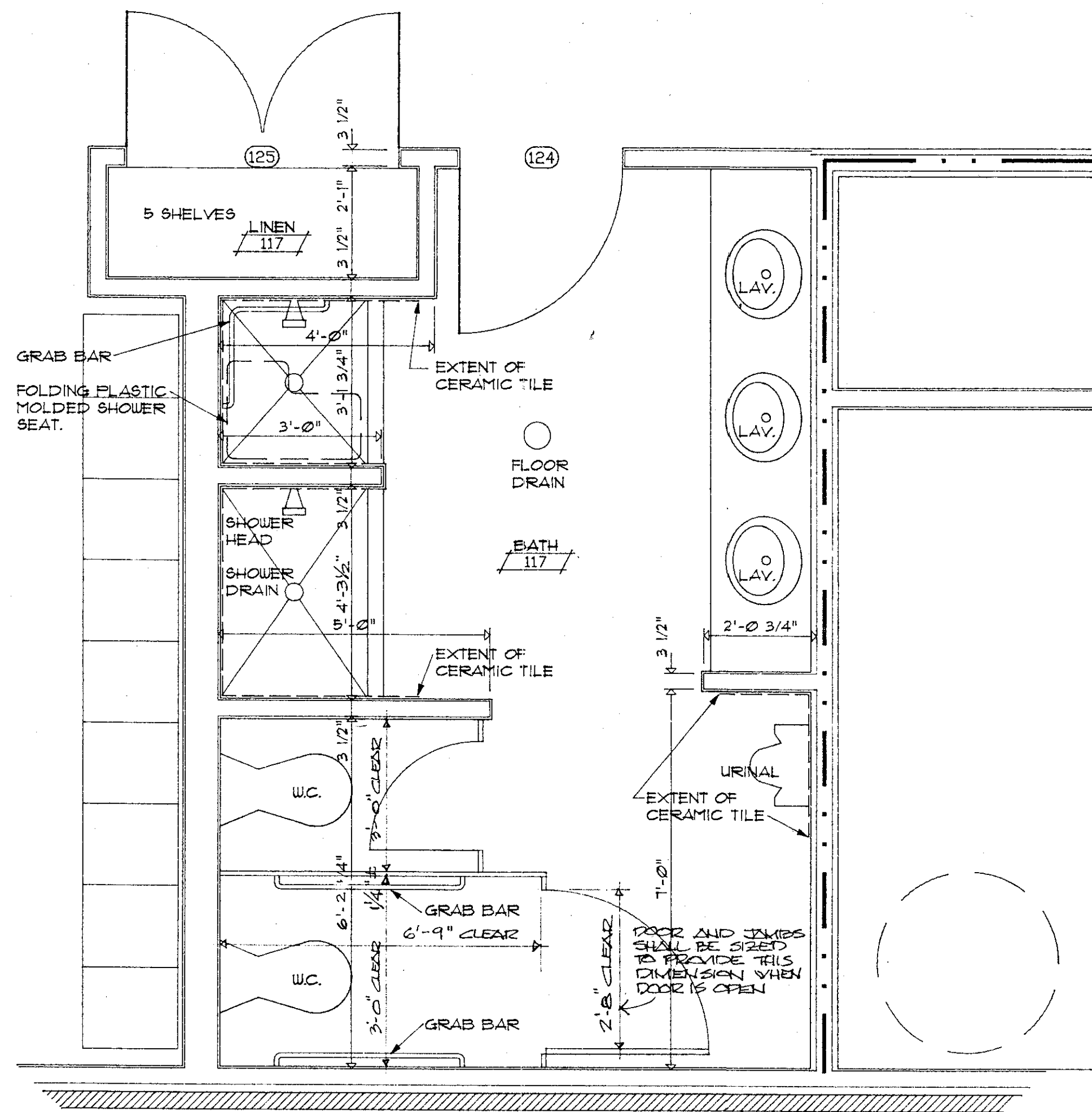
FLOOR PLAN
1/4" = 1'-0"

DOOR & METAL FRAME SCHEDULE



WINDOW SCHEDULE

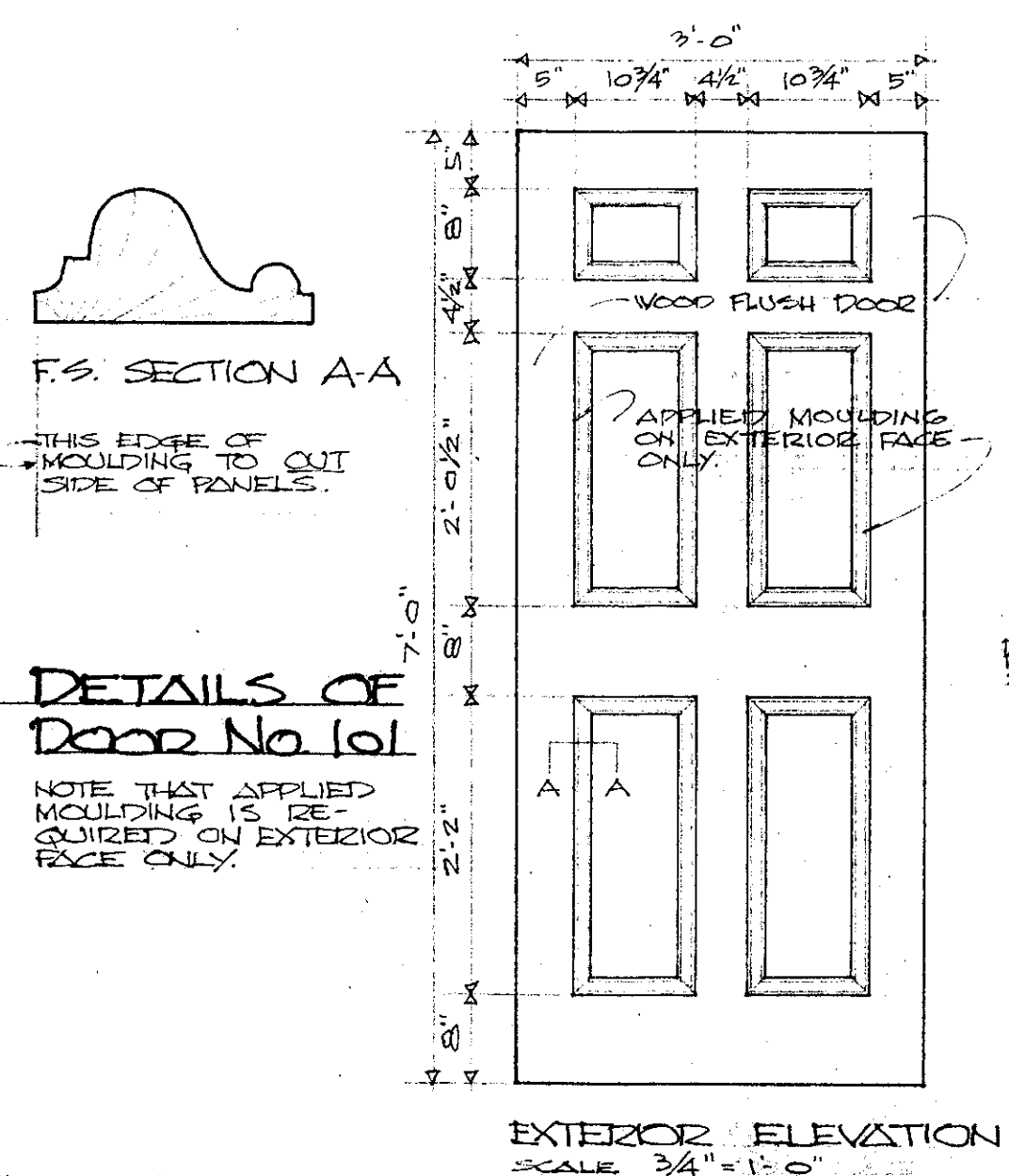




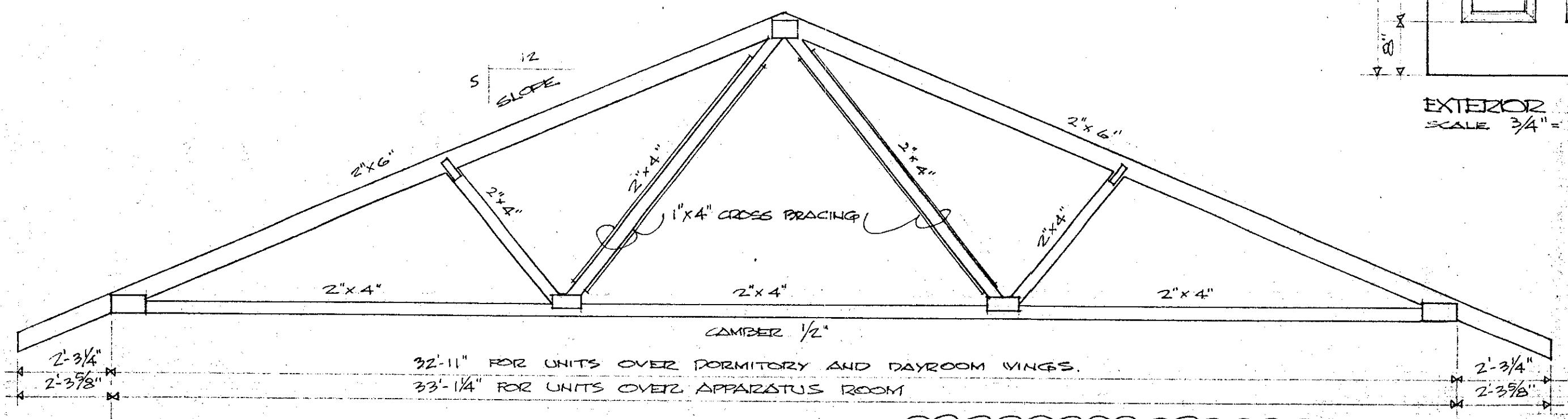
● LARGE SCALE PLAN BATH-117
1/2"=1'-0"

FINISH SCHEDULE

SPACE NUMBER	SPACE NAME	FLOOR FINISH	BASE MATERIAL	WALL FINISH	CEILING MATERIAL	CEILING HEIGHT	REMARKS
101	CONTROL	VINYL	4" VINYL	PAINTED CONC. BLOCK & PAINTED GYP. WALLBD.	PAINTED GYPSUM WALLBOARD	9'-0"	SEE CABINET DET. SHEET ??
102	OFFICE	VINYL	4" VINYL	PAINTED CONC. BLOCK & PAINTED GYP. WALLBD.	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
103	DAY ROOM	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
104	HALL	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
105	TOILET	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
106	CLOSET	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	SEE ELEVATIONS SHEET ??
107	TELEPHONE BOOTH	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	SEE SEAT DET. SHEET ??
108	DINING	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
109	PANTRY	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	SEE ELEVATIONS SHEET ??
110	KITCHEN	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	SEE CABINET DET. SHEET ??
111	MECHANICAL	CONCRETE	NONE	CONCRETE BLOCK & GYPSUM WALLBOARD	GYPSUM WALLBOARD	9'-0"	NO PAINT REQUIRED EXCEPT DOOR & FRAME
112	JANITOR	CONCRETE	4" VINYL	PAINTED CONC. BLOCK & PAINTED GYP. WALLBD.	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
113	SHOP	CONCRETE	8" PAINTED	PAINTED CONCRETE BLOCK	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
114	APPARATUS ROOM	CONCRETE	8" PAINTED	PAINTED CONCRETE BLOCK	PAINTED GYPSUM WALLBOARD	15'-5"	SLOPE FLOOR TO DRAIN
115	CLOSET	CONCRETE	4" VINYL	PAINTED CONC. BLOCK & PAINTED GYP. WALLBD.	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
116	MECHANICAL	CONCRETE	NONE	CONCRETE BLOCK & GYPSUM WALLBOARD	GYPSUM WALLBOARD	9'-0"	NO PAINT REQUIRED EXCEPT DOOR & FRAME
117	BATH	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE & PAINTED GYP. WALLBD.	PAINTED GYPSUM WALLBOARD	9'-0"	SEE ELEVATIONS SHEET ??
118	HALL	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
119	LINEN	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	SEE ELEVATIONS SHEET ??
120	LOCKER ROOM	VINYL	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	NONE
121	DORMITORY	CARPET	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	PAINT LOW PARTITIONS
122	OFFICER	CARPET	4" VINYL	PAINTED GYPSUM WALLBOARD	PAINTED GYPSUM WALLBOARD	9'-0"	NONE

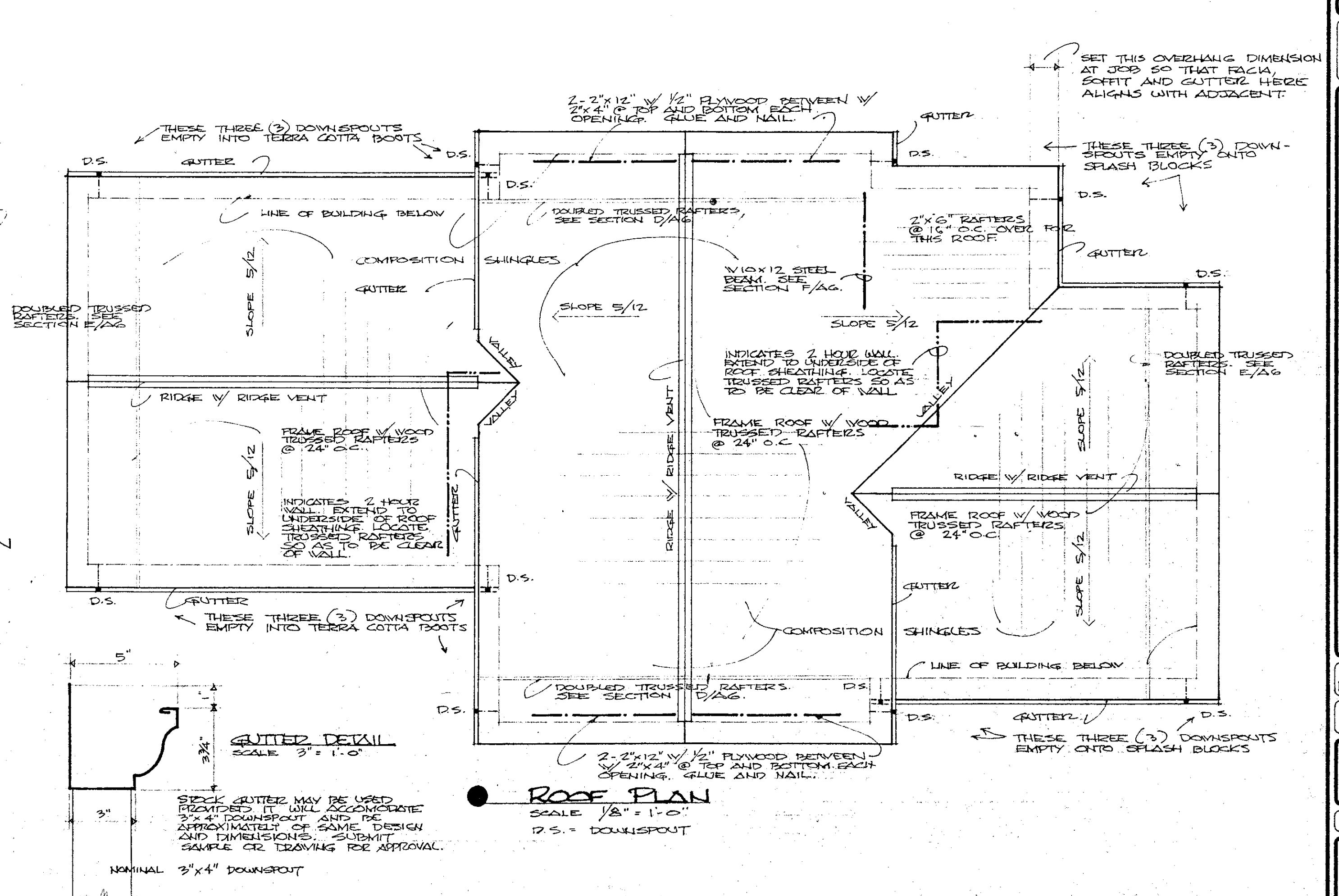


● DETAILS OF Door No. 101
NOTE THAT APPLIED MOULDING IS REQUIRED ON EXTERIOR FACE ONLY.



● TRUSSED RAFTER DETAIL
NO SCALE
ALL TRUSSED RAFTERS SHALL BE SPACED NOT MORE THAN 24" O.C.

BEFORE BEGINNING FABRICATION OF THESE TRUSSED RAFTERS, THE CONTRACTOR SHALL SUBMIT SHOP DRAWING TO ARCHITECT. DRAWING SHALL BEAT STAMP OF STRUCTURAL ENGINEER.



● ROOF PLAN
SCALE 1/8"=1'-0"
D.S. = DOWNSPOUT

REVISIONS

FIRE STATION
FOR MACON-BIBB COUNTY FIRE DEPARTMENT
7099 PRICE ROAD
MACON, BIBB COUNTY, GEORGIA

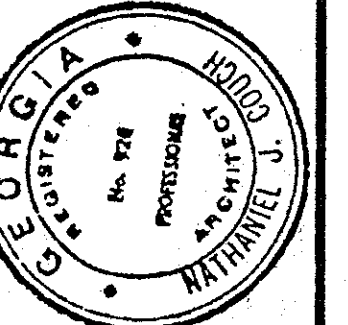
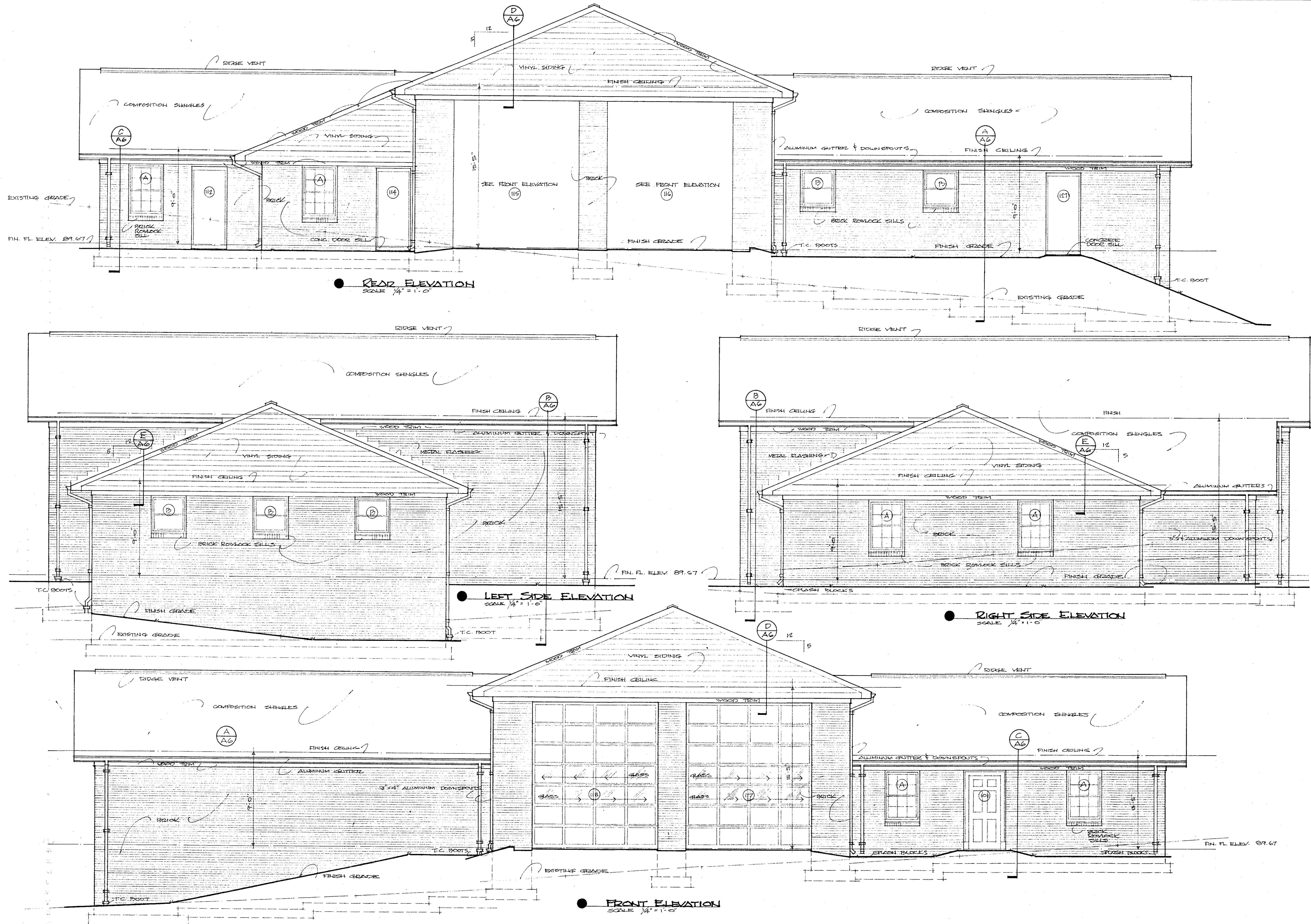
HOLIDAY, COUCH, HOLLIS & JELKS
ARCHITECTS
577 MULBERRY STREET
MACON, GEORGIA
BOX 975
(912) 745-6514
A.I.A. 31202

DWN. BY: DSB/NJC
JOB NO.: 89.043
CHK. BY: NJC
DATE: 15 DEC. 89

DWG. NO. **A5**

SHEET 5 OF 15

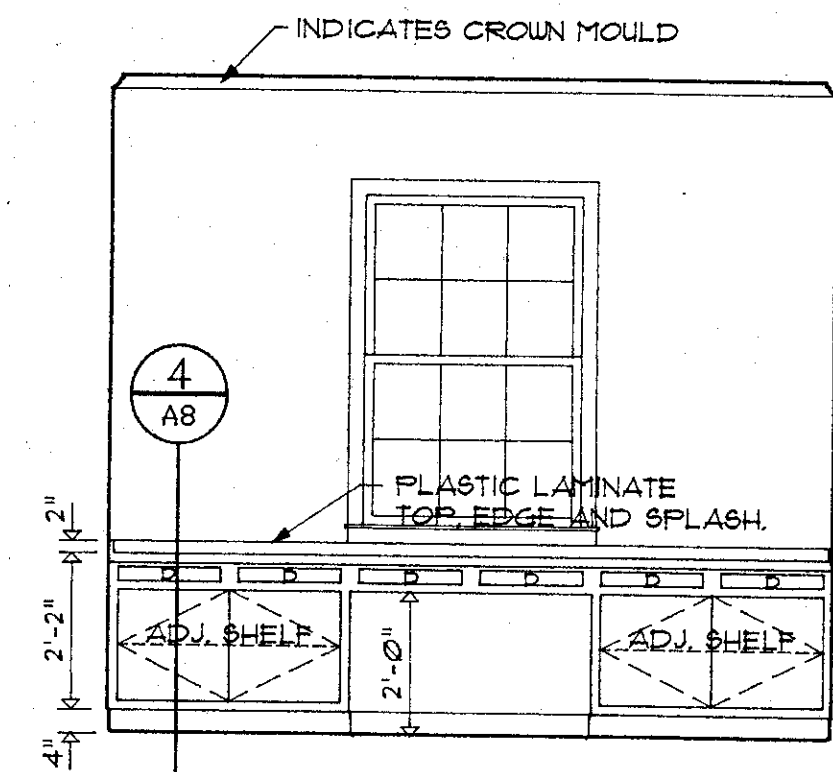
TITLE: FINISH SCHED. BATH-117 ROOF PLAN



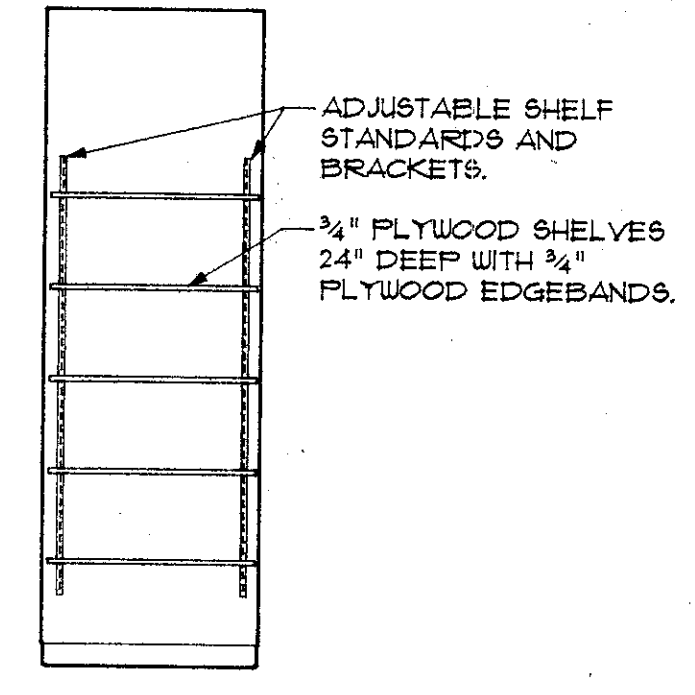
EIRE STATION
FOR
MACON-BIBB COUNTY FIRE DEPARTMENT
7099 PRICE ROAD
MACON, BIBB COUNTY, GEORGIA

HOLLIDAY, COUCH, HOLLIS & JELKS
ARCHITECTS
A.L.A.
620 CHARTER MEDICAL BUILDING
BOX 975
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912-745-6514

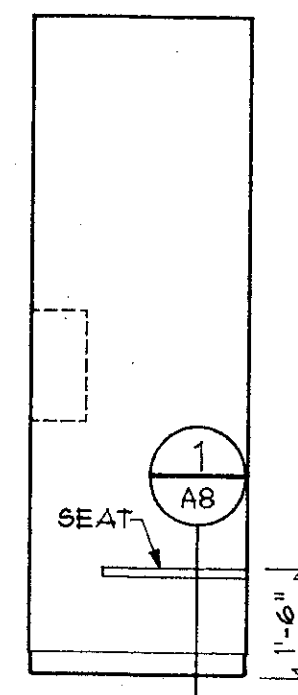
OWN. BY N.J.C.	JOB NO. 89-043
CRD. BY N.J.C.	DATE 15 DEC 89
DWG. NO. A7	
SHEET 7 OF 15 SHEETS	
TITLE EXTERIOR ELEVATIONS	



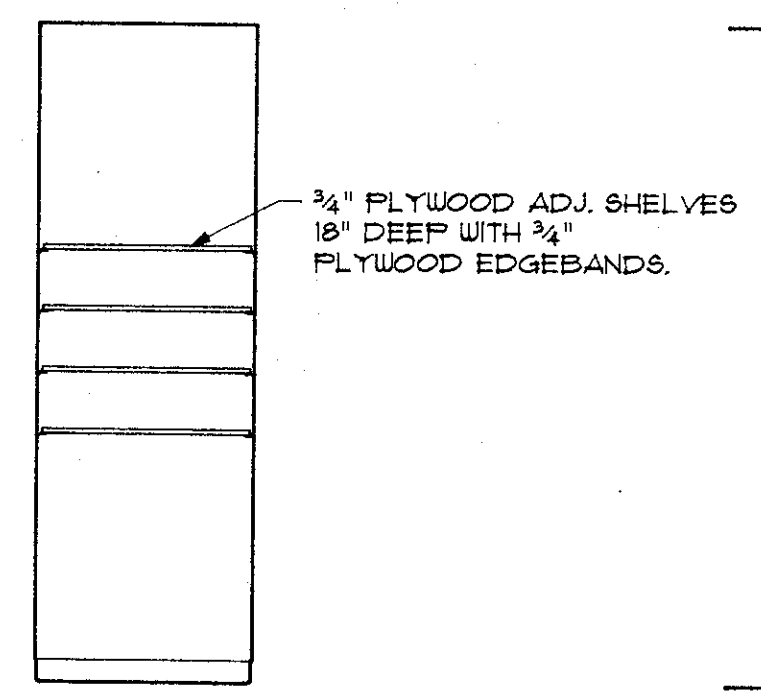
● CONTROL-101
3/8" = 1'-0"



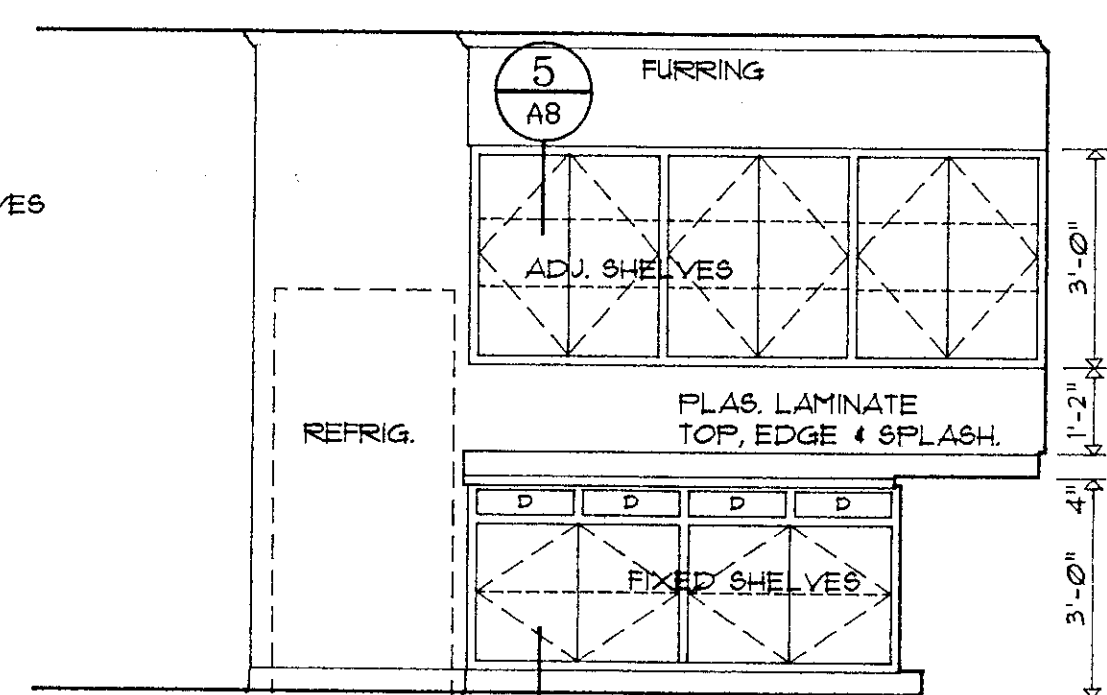
● CLOSET-106
3/8" = 1'-0"



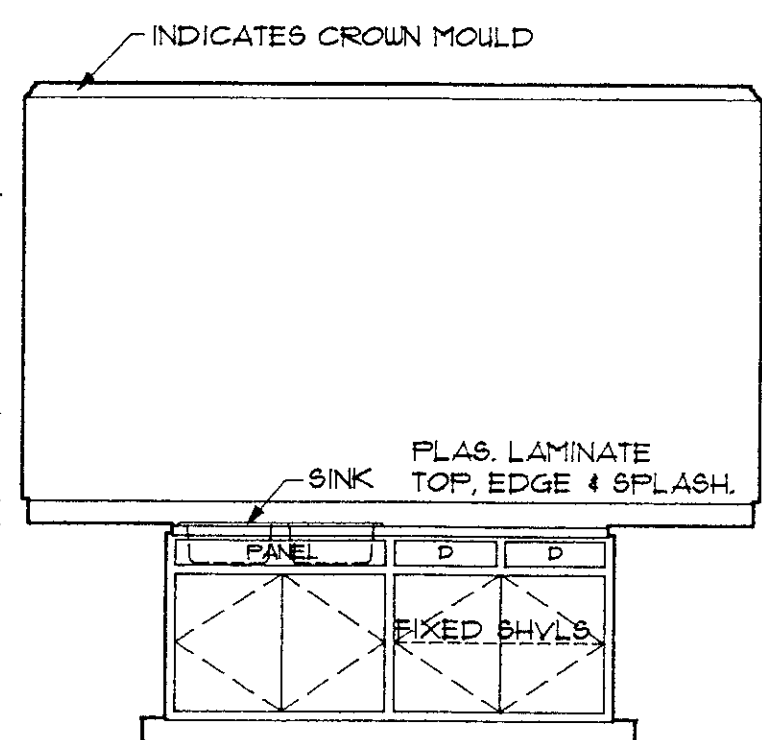
● TELE BOOTH-107
3/8" = 1'-0"



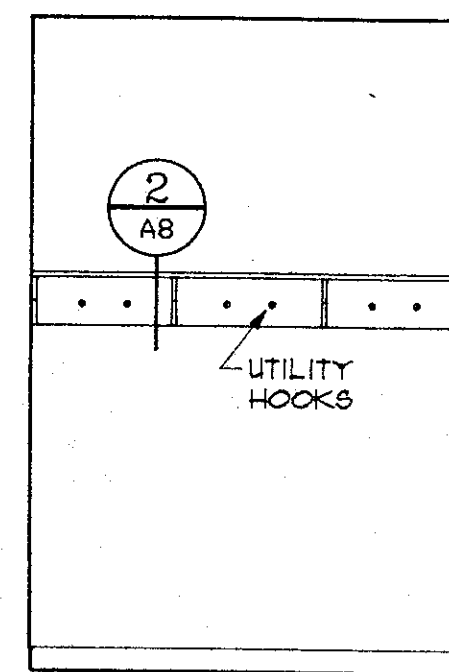
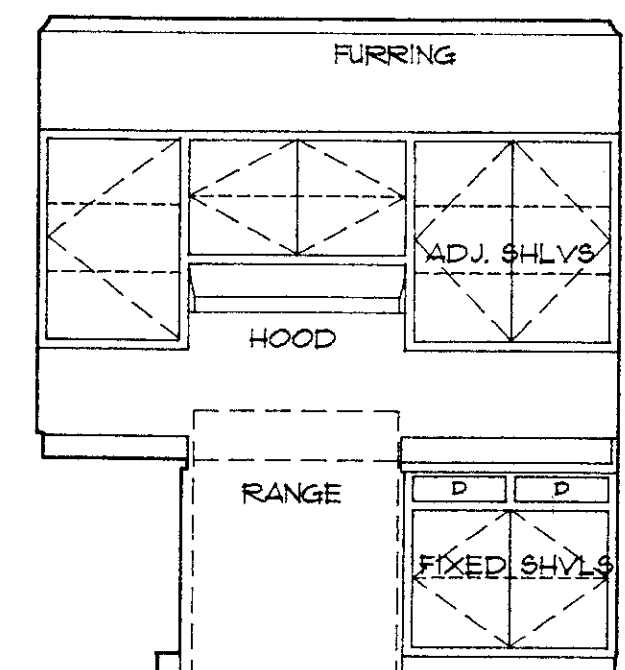
● PANTRY-109
3/8" = 1'-0"



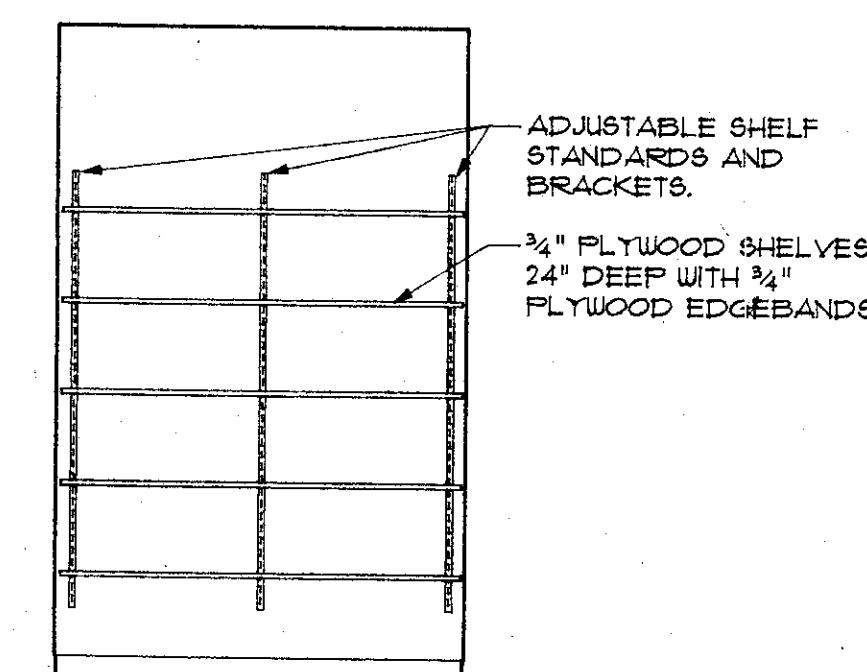
● KITCHEN-110
3/8" = 1'-0"



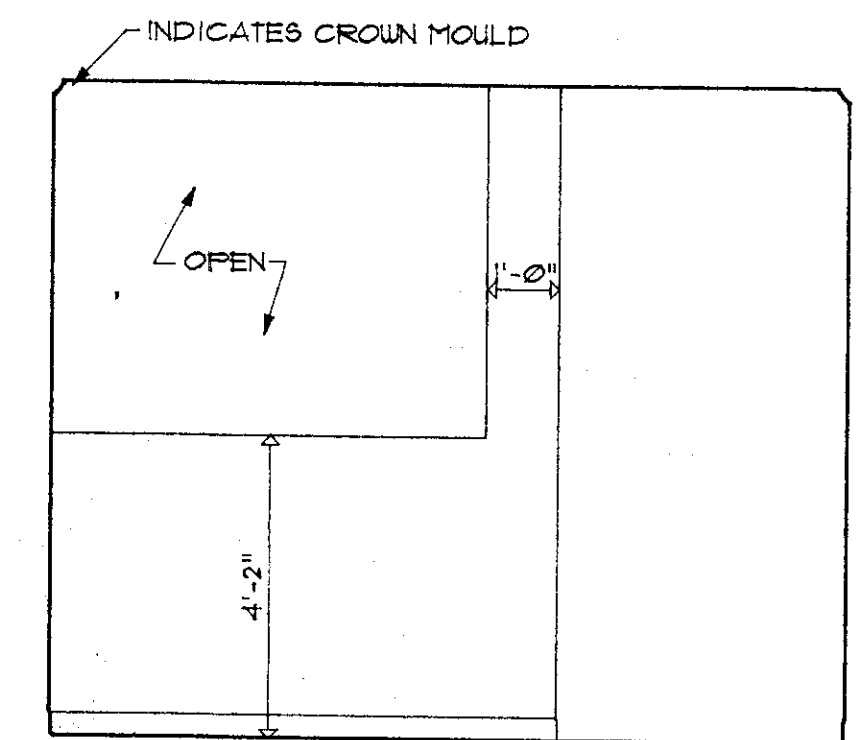
● KITCHEN-110
3/8" = 1'-0"



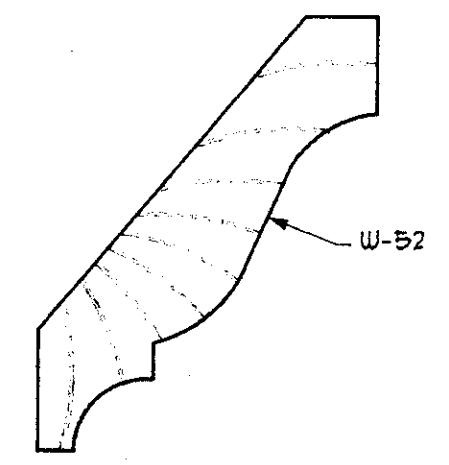
● JANITOR-112
3/8" = 1'-0"



● LINEN-119
3/8" = 1'-0"

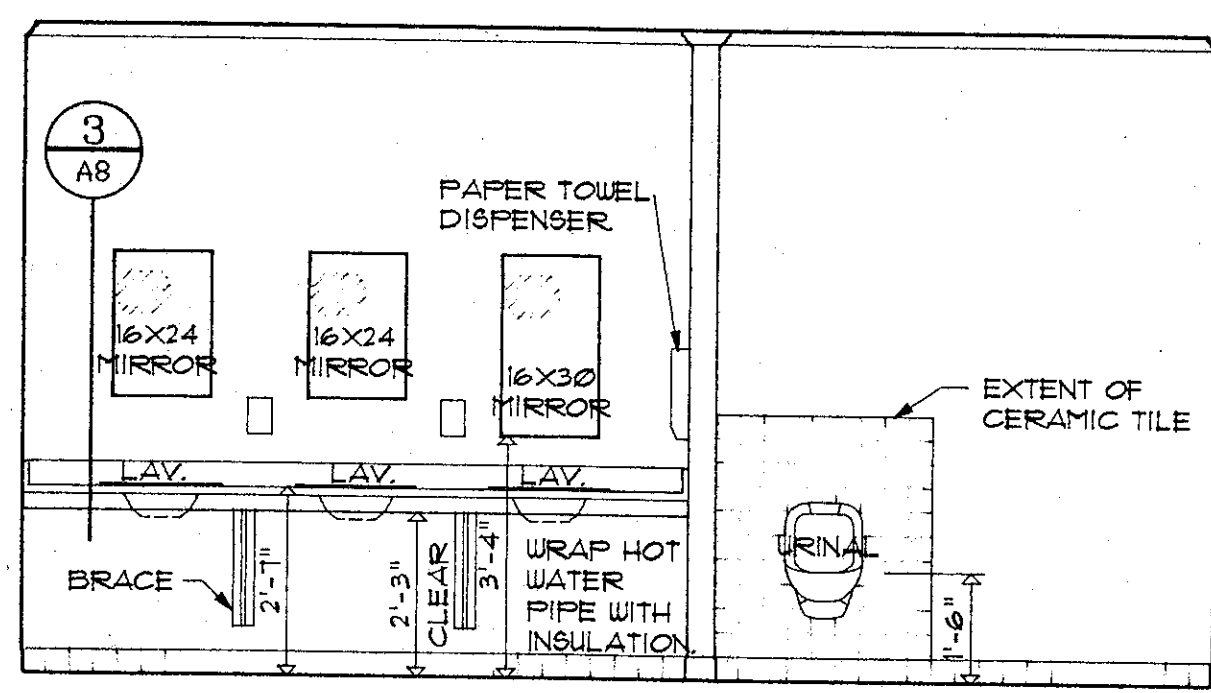


● DORM-121
3/8" = 1'-0"

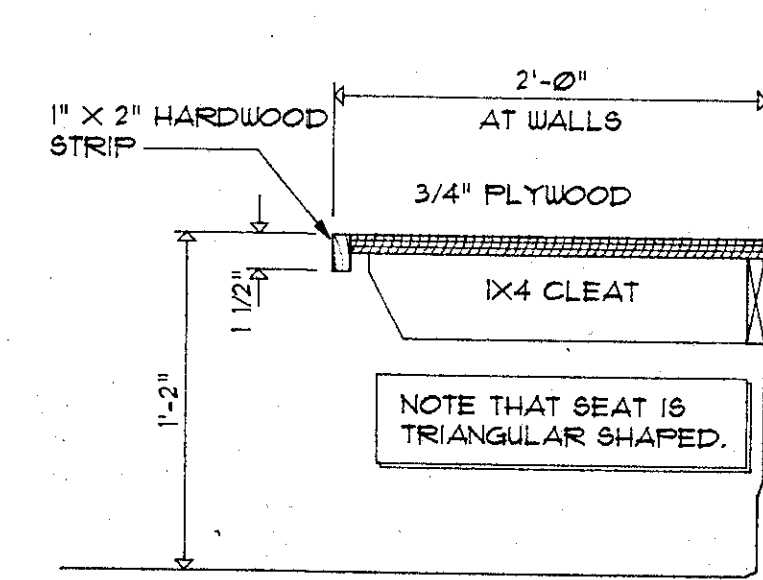
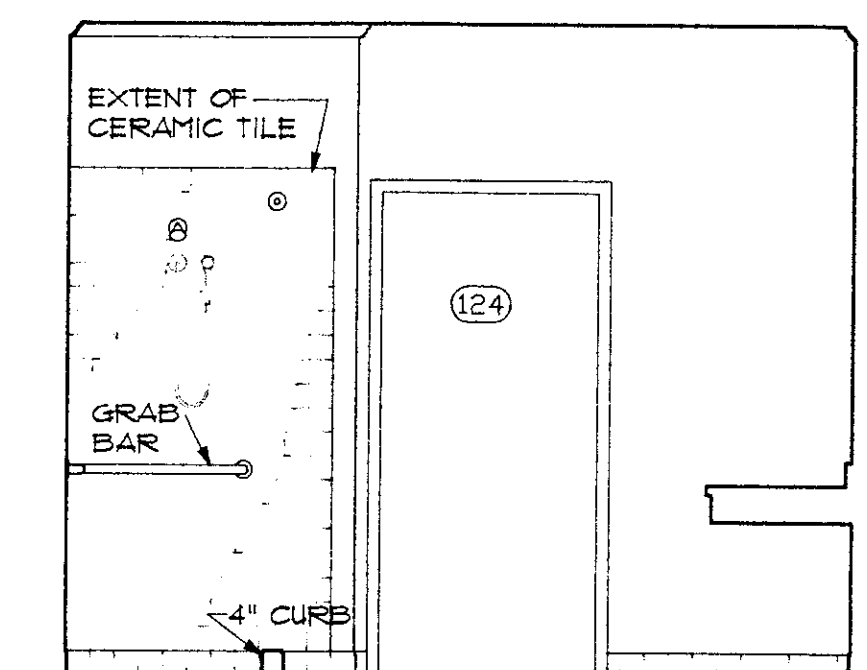
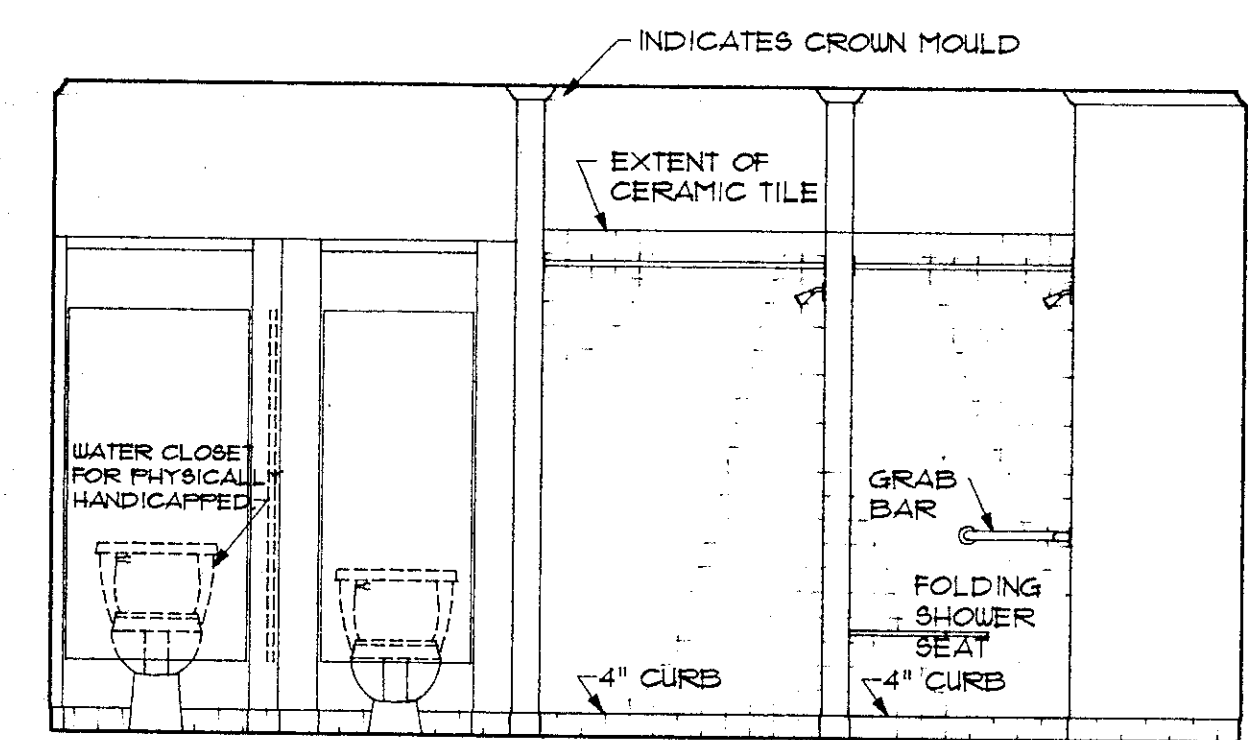
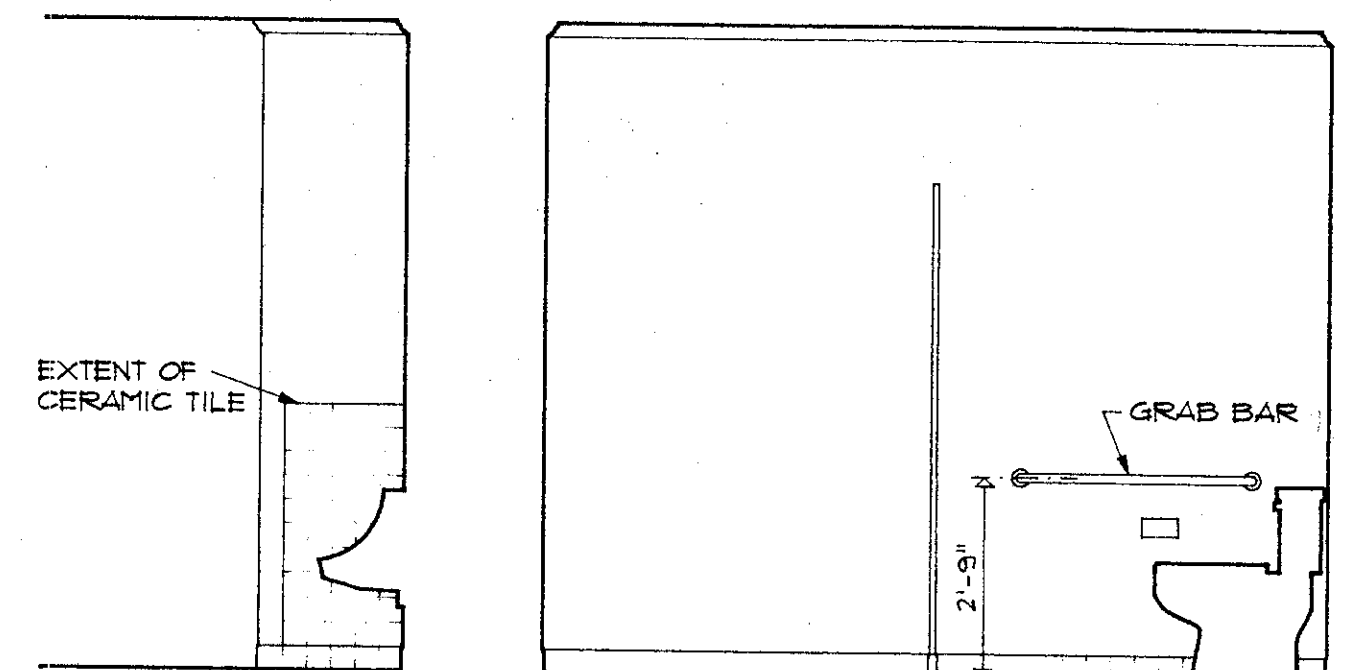


● F.S. DETAIL OF CROWN MOULD

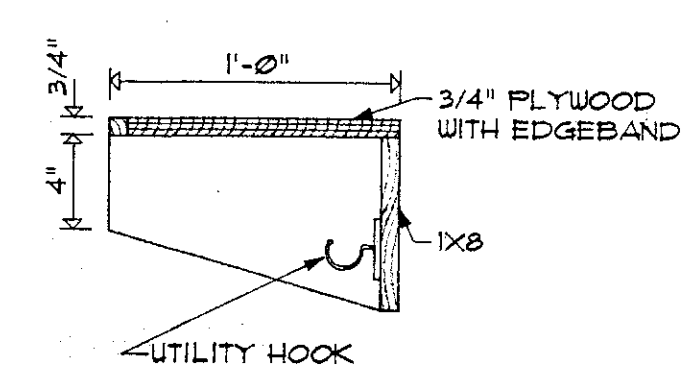
TRIM TO BE USED AT INTERSECTION OF WALLS AND CEILING IN SPACES 101, 102, 103, 104, 105, 108, 110, 111, 118, 120, 121 AND 122.



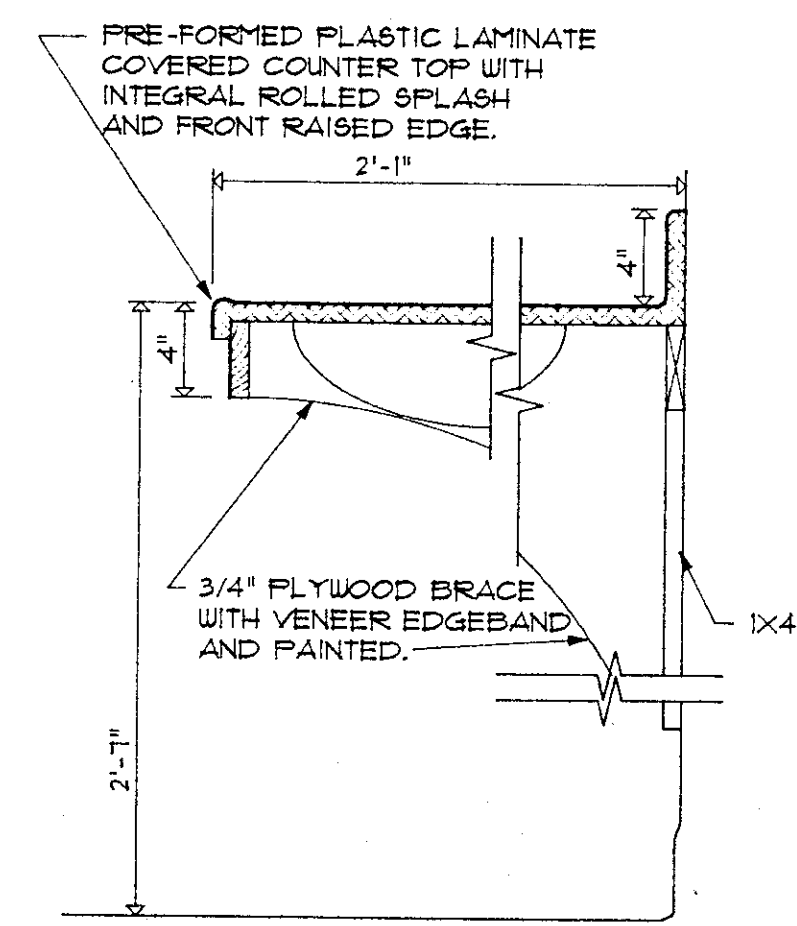
● BATH-117
3/8" = 1'-0"



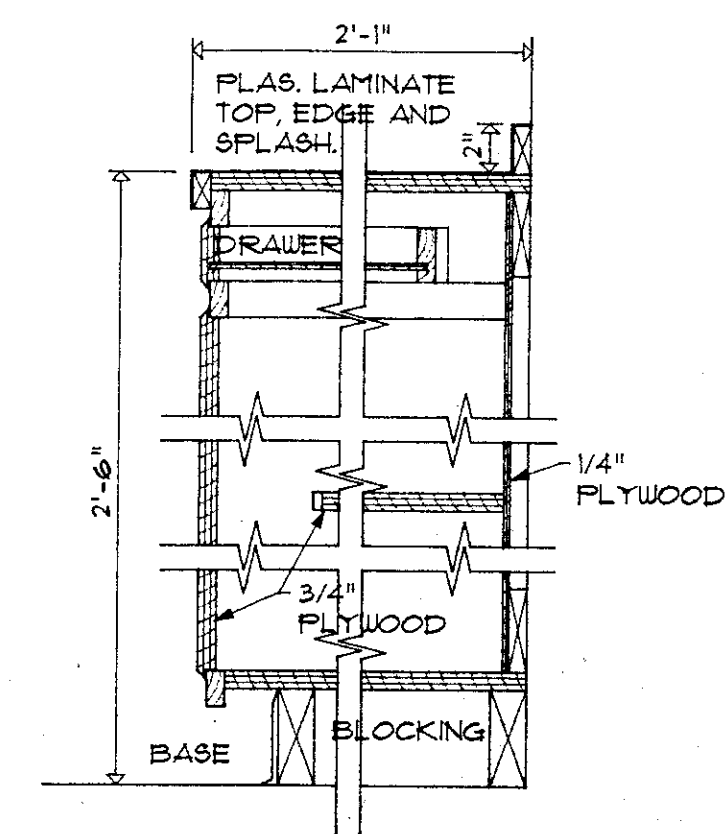
① TELE BOOTH SEAT
1 1/2" = 1'-0"



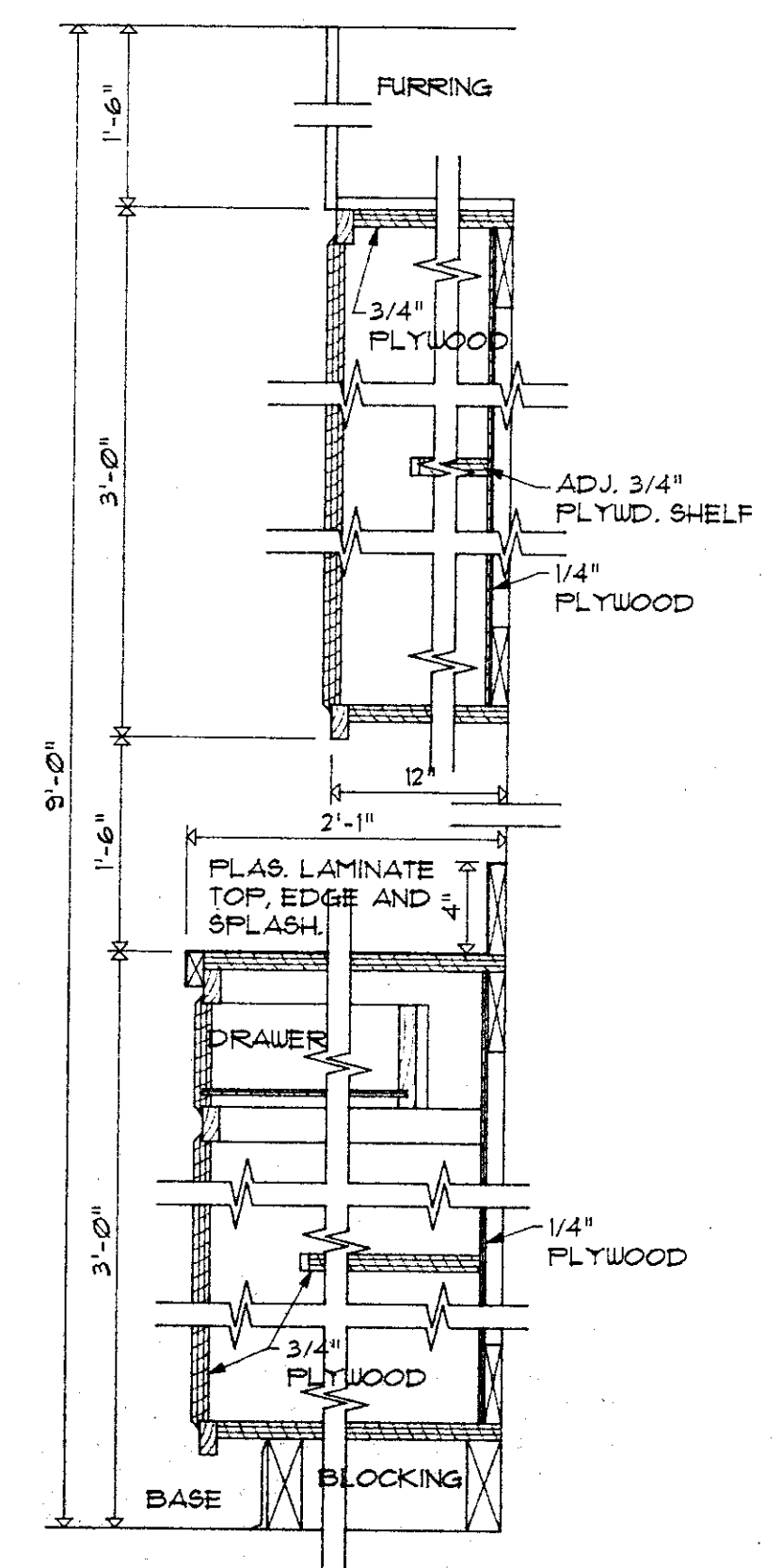
② JANITOR SHELF
1 1/2" = 1'-0"



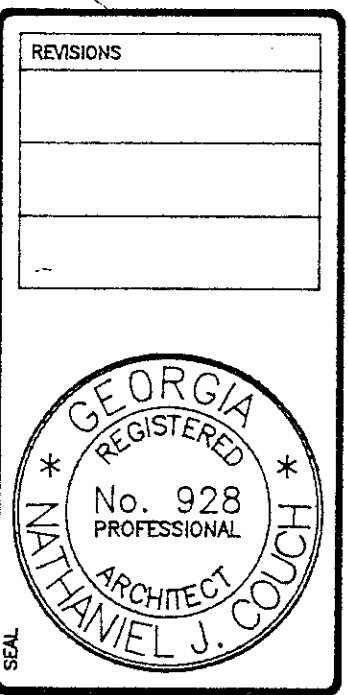
③ LAVATORY COUNTER
1 1/2" = 1'-0"



④ CONTROL CABINET
1 1/2" = 1'-0"



⑤ KITCHEN CABINETS
1 1/2" = 1'-0"



FIRE STATION
FOR MACON-BIBB COUNTY FIRE DEPARTMENT
7099 PRICE ROAD
MACON, BIBB COUNTY, GEORGIA

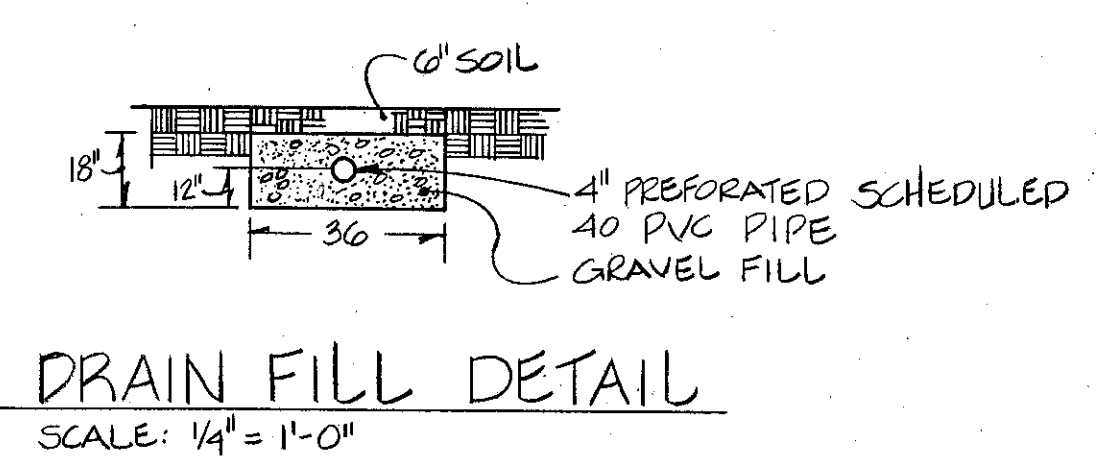
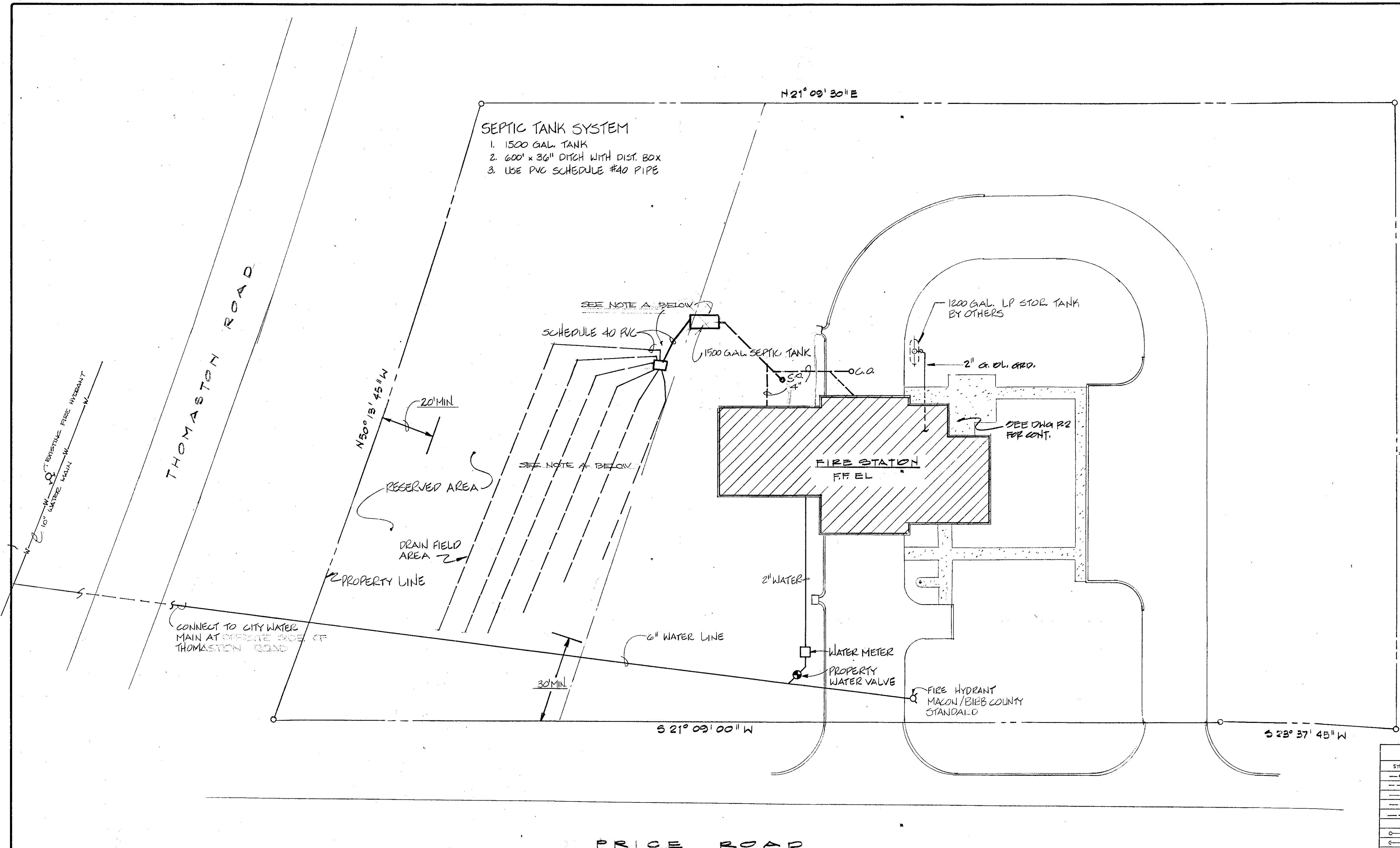
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DWG. BY	DJB	JOB NO.	89.043
CHK. BY	NJC	DATE	15 DEC. 89



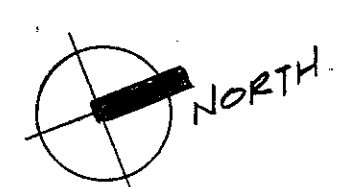
SHEET 8 OF 15
TITLE
INTERIOR ELEVATIONS DETAILS



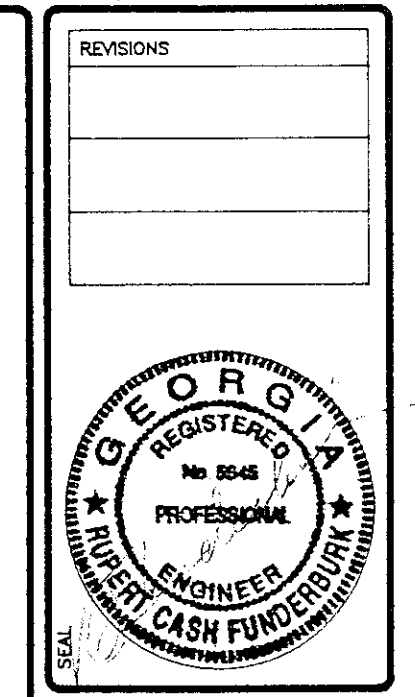
NOTE A - CONTRACTOR SHALL COORDINATE LOCATION OF SEPTIC TANK, DIST. BOX AND DRAIN FIELD w/ LOCATION OF DRAINAGE DITCHES AND DETENTION POND. SEE DRAWING NO. A1 FOR LOCATION OF THESE ITEMS.

SITE PLAN - PLUMBING

SCALE: 1" = 20'



LEGEND & ABBREVIATIONS	
SYMBOL	DESCRIPTION
---	SOIL & WASTE PIPING (S & W)
---	VENT PIPING (V)
---	COLD WATER PIPING (C.W.)
---	HOT WATER PIPING 105°F.
○	PIPE RISE (UP)
○	PIPE DROP (DN)
○	FLOOR DRAIN (F.D.)
○	CLEANOUT AT CHANGE OF DIRECTION (F.C.D.)
○	CLEANOUT AT BASE OF STACK (W.C.D.)
○	BALL VALVE (B.V.)
○	UNION
○	CHECK VALVE (C.V.)
○	HYDRANT (N.F.W.H.) W. HYD.
○	GATE VALVE (G.V.)
○	GAS PIPING
○	ABV. ABOVE
○	A.F.F. ABOVE FINISH FLOOR
○	A.F.G. ABOVE FINISH GRADE
○	BL. BELOW
○	C.L.G. CEILING
○	DN. DOWN
○	F.C.D. FLOOR CLEANOUT
○	W.C.D. WALL CLEANOUT
○	V. VENT
○	ST. STORM WATER
○	T.P. TRAP PRIMER
○	HOSE BIB (HOT & COLD WATER)
○	CONTRACTOR SHALL TAKE EXTRA CARE IN COORDINATING WITH OTHER TRADERS AT THIS POINT
○	GAS COCK (G.C.)
○	WASTE
○	ACCESS PANEL



FIRE STATION

FOR MACON-BIBB COUNTY FIRE DEPARTMENT

7099 PRICE ROAD

MACON, BIBB COUNTY, GEORGIA

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DWG. BY: **VJ**

CHKD. BY: **GB**

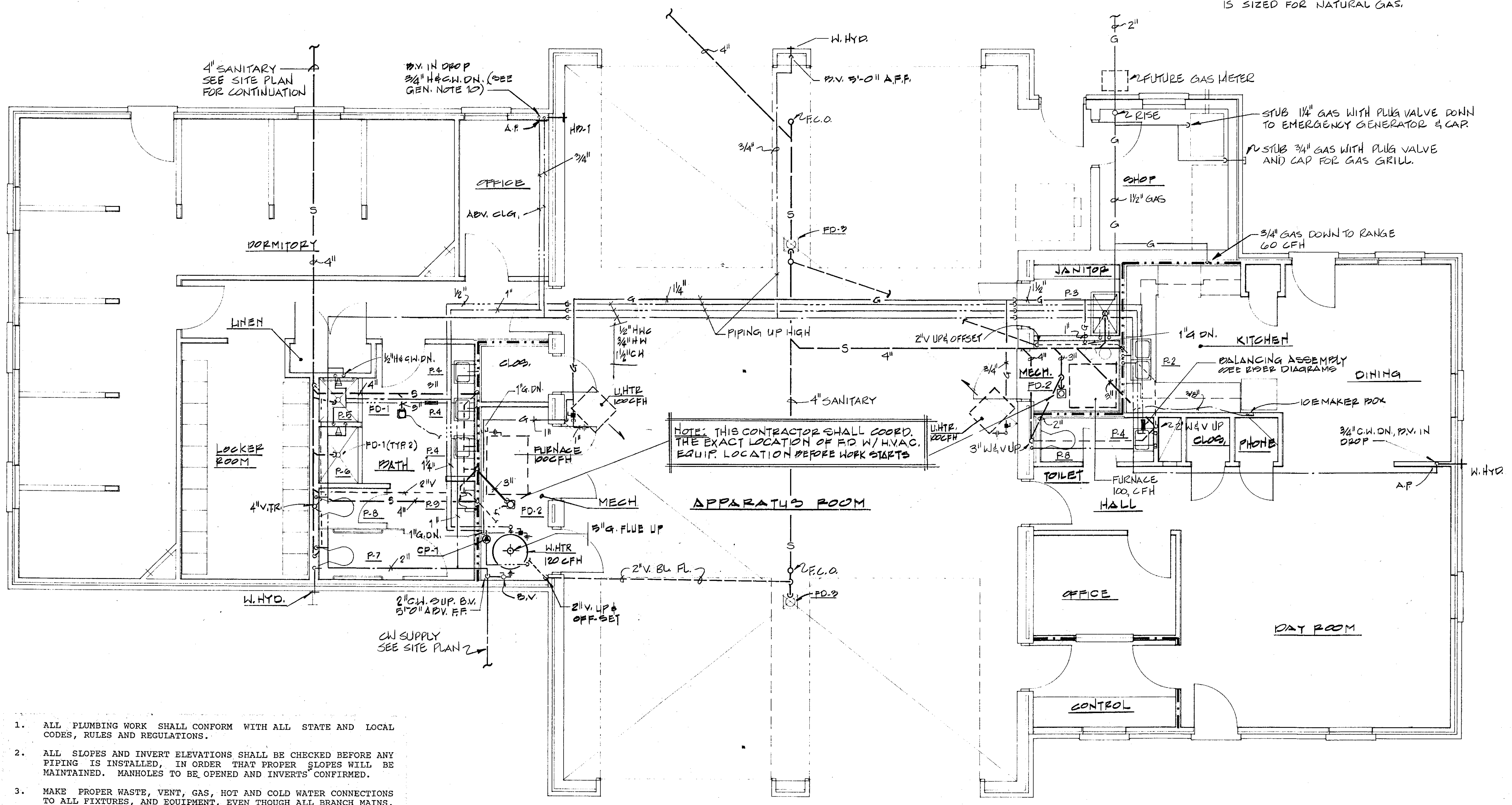
DATE: **15 DEC 89**

DWG. NO.: **P-1**

SHEET **9** OF **15**

TITLE: **SITE PLAN PLUMBING**

NOTE:
GAS LINE SIZE TO EMERGENCY GENERATOR
IS SIZED FOR NATURAL GAS.

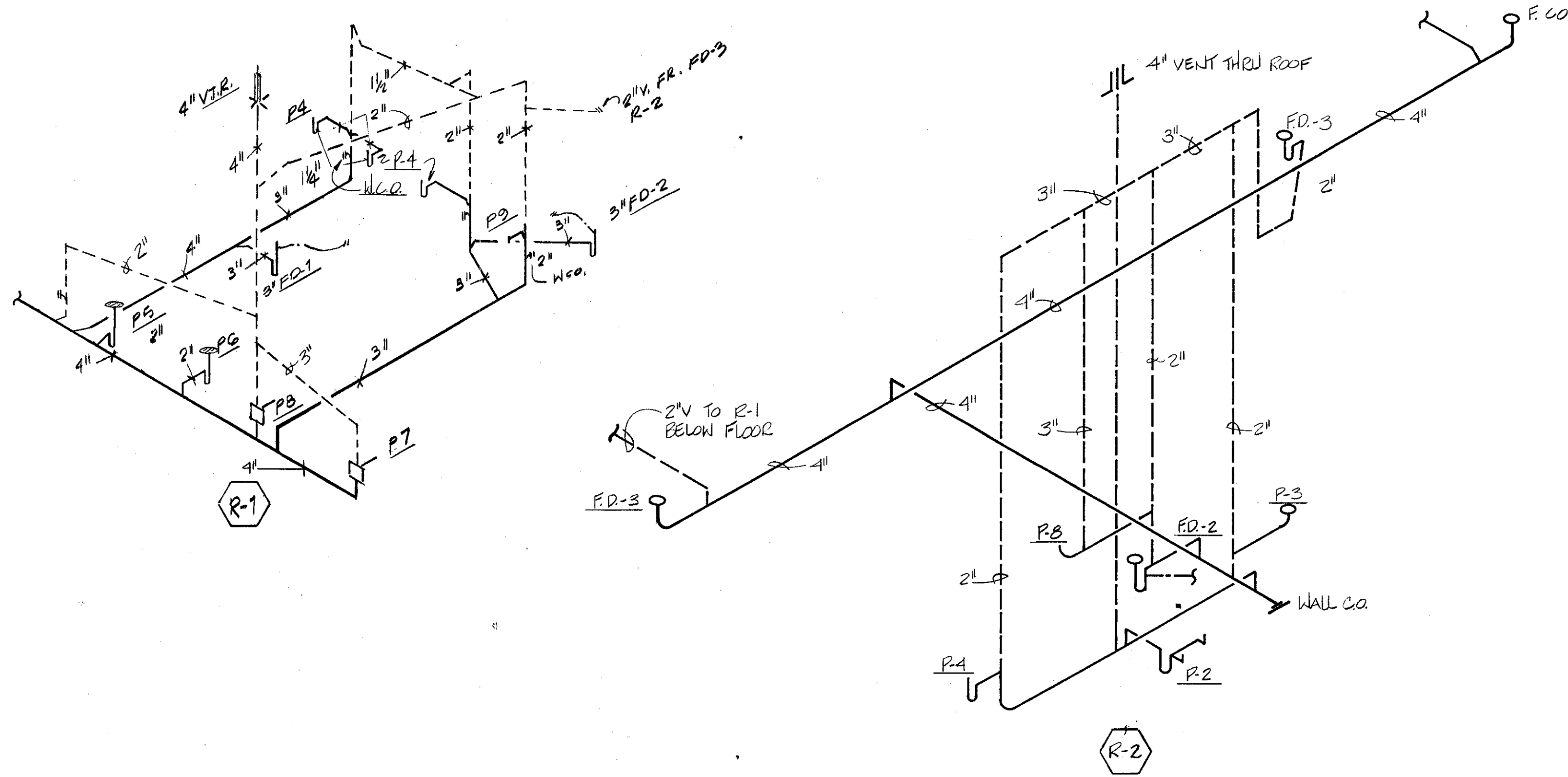


FLOOR PLAN - PLUMBING
SCALE: 1/4" = 1'-0"

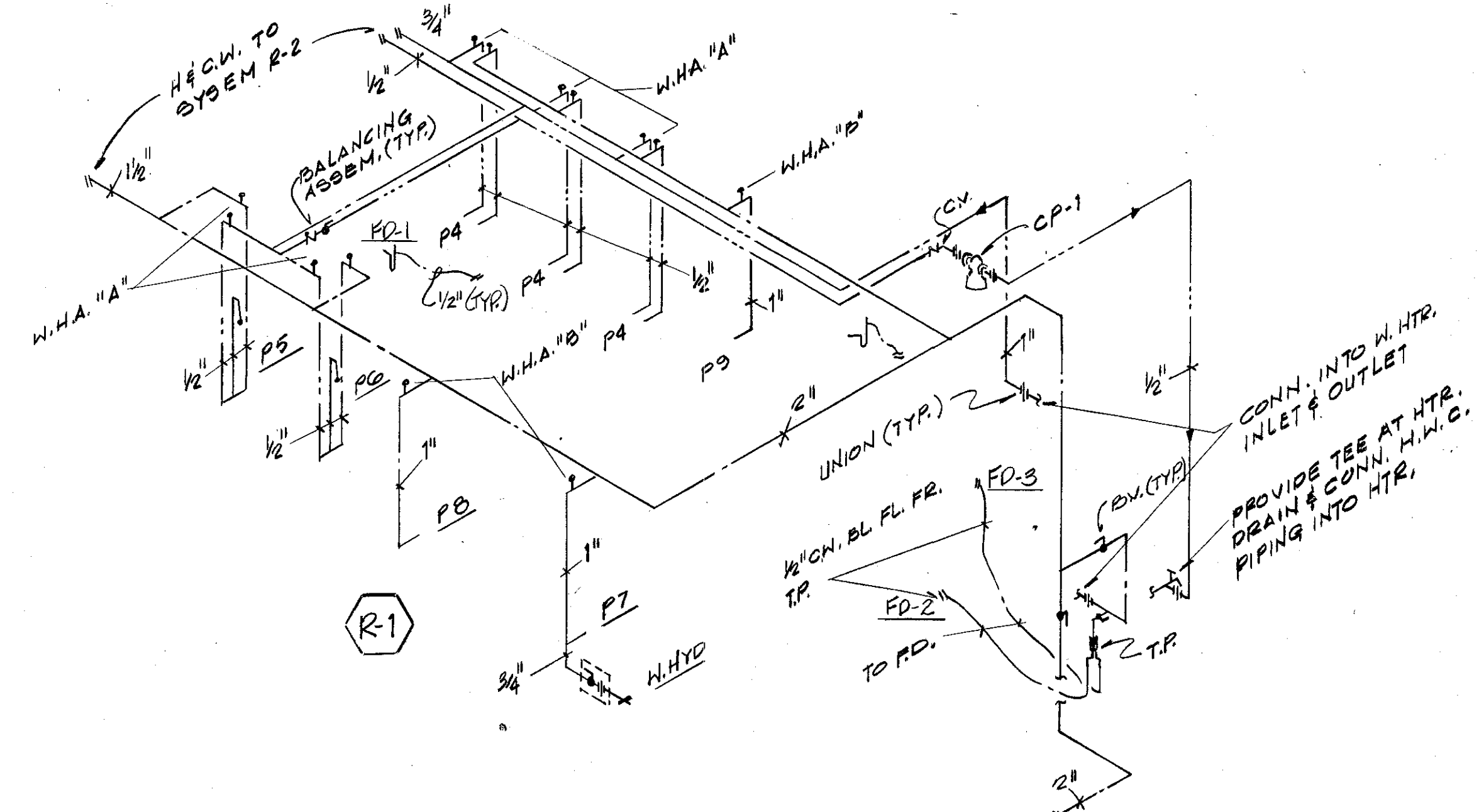
1. ALL PLUMBING WORK SHALL CONFORM WITH ALL STATE AND LOCAL CODES, RULES AND REGULATIONS.
2. ALL SLOPES AND INVERT ELEVATIONS SHALL BE CHECKED BEFORE ANY PIPING IS INSTALLED, IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED. MANHOLES TO BE OPENED AND INVERTS CONFIRMED.
3. MAKE PROPER WASTE, VENT, GAS, HOT AND COLD WATER CONNECTIONS TO ALL FIXTURES, AND EQUIPMENT, EVEN THOUGH ALL BRANCH MAINS, ELBOWS AND CONNECTIONS ARE NOT SHOWN.
4. ALL PLUMBING WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID ANY INTERFERENCE.
5. ALL WALL HYDRANTS SHALL BE EQUIPPED WITH APPROVED TYPE BACKFLOW PREVENTERS.
6. SEE UTILITY SITE DRAWING AND CIVIL ENGINEER'S SITE DRAWINGS FOR THE EXTENT OF ALL PIPING LEAVING AND ENTERING BUILDING. CONTRACTOR SHALL EXTEND WATER SERVICE AND SANITARY SEWERS, AS INDICATED ON SITE DRAWINGS AND MAKE ALL FINAL CONNECTIONS.
7. CONTRACTOR SHALL SECURE AND PAY FOR PLUMBING PERMITS, ALL OTHER FEES AND TAXES SHALL BE INCLUDED IN PLUMBING CONTRACT, INCLUDING WORK SHOWN ON UTILITY SITE PLAN.
8. CONTRACTOR SHALL PROVIDE ACCESS PANELS WHERE REQUIRED FOR ACCESS TO VALVES IN CEILINGS AND WALLS. ACCESS PANELS SHALL BE INSTALLED BY THE CONTRACTOR.
9. FOR ALL SIZES OF WASTE, VENT, HOT AND COLD WATER PIPING TO FIXTURES AND EQUIPMENT, SEE SOIL WASTE AND WATER RISER DIAGRAMS, FLOOR PLANS, AND SCHEDULES.
10. ALL WASTE, COLD AND HOT WATER PIPING INSTALLED IN OUTSIDE WALLS SHALL BE INSULATED. AND ALL PIPING SHALL BE INSTALLED ON THE INSIDE OF THE BUILDING INSULATION ENVELOPE.
11. ALL SANITARY WASTE PIPING 4" AND LARGER SHALL BE SLOPED AT 8/1" PER FOOT, UNLESS OTHERWISE NOTED.
12. ALL SANITARY PIPING 3" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT, UNLESS OTHERWISE NOTED.
13. THESE DRAWINGS ARE DIAGRAMMATIC ONLY. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS OF THE BUILDING AND EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.
14. ALL GAS PIPING EXPOSED SHALL BE CLEANED AND TWO COATS OF PAINT APPLIED.
15. FLUSH CLEAN AND DISINFECT THE ENTIRE DOMESTIC WATER PIPING SYSTEM.

NOTE - TERMINATE ALL GAS LINES w/ A GAS VALVE/GAS COCK. TERMINATION SHALL BE LOCATED AS NEAR TO EQUIPMENT AS POSSIBLE SO AS TO BE CONVENIENT FOR CONNECTION TO EQUIPMENT. MAKE CONNECTION TO GAS STOVE IN KITCHEN 110 AND WATER HEATER IN MECHANICAL 116.

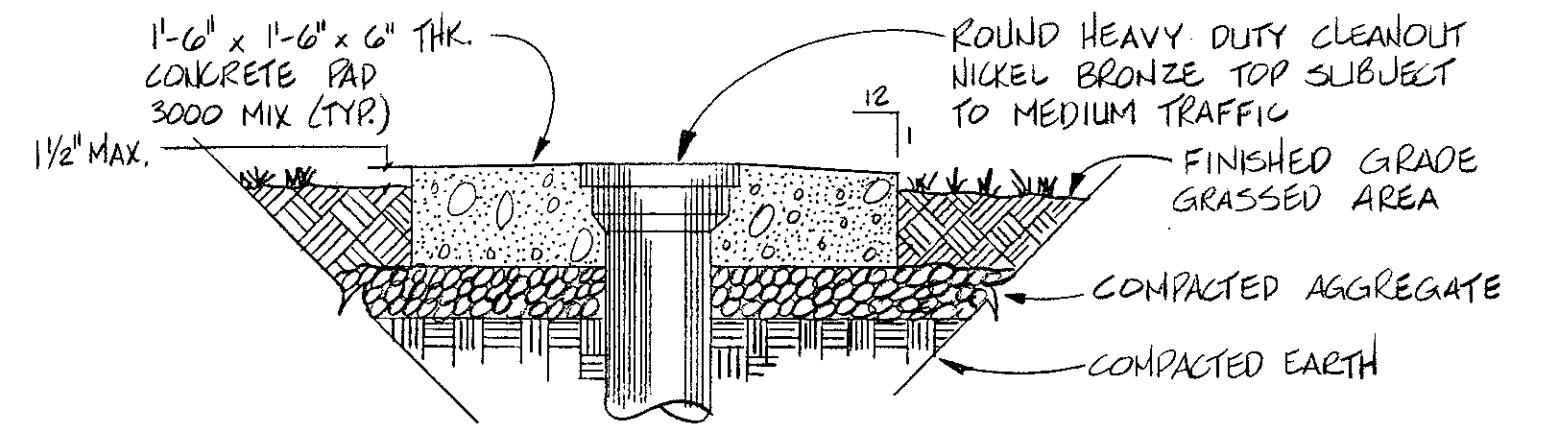
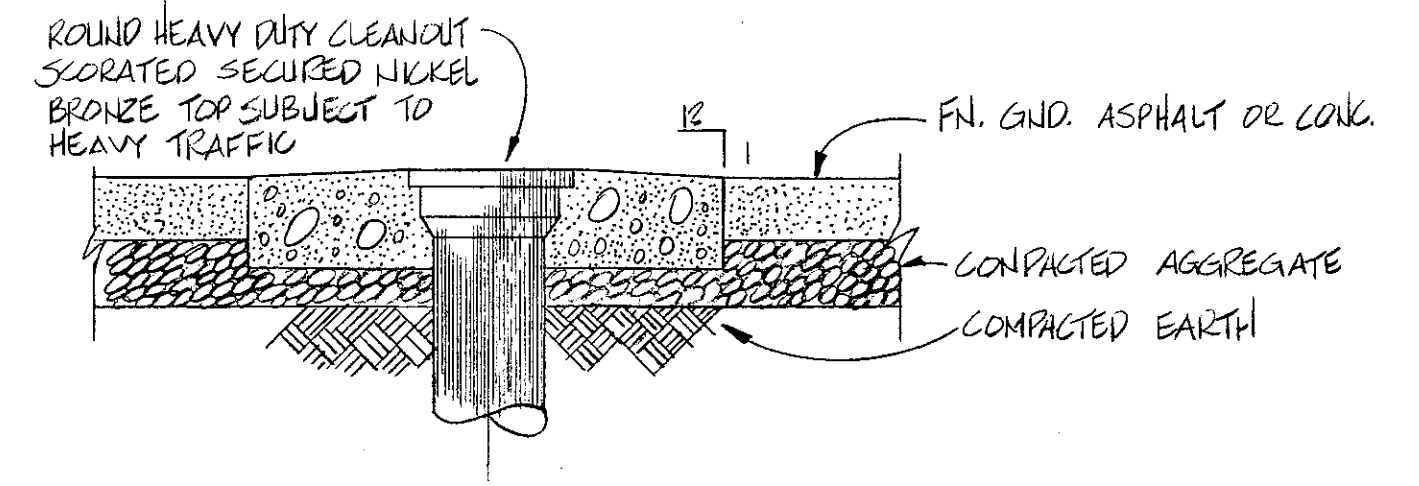
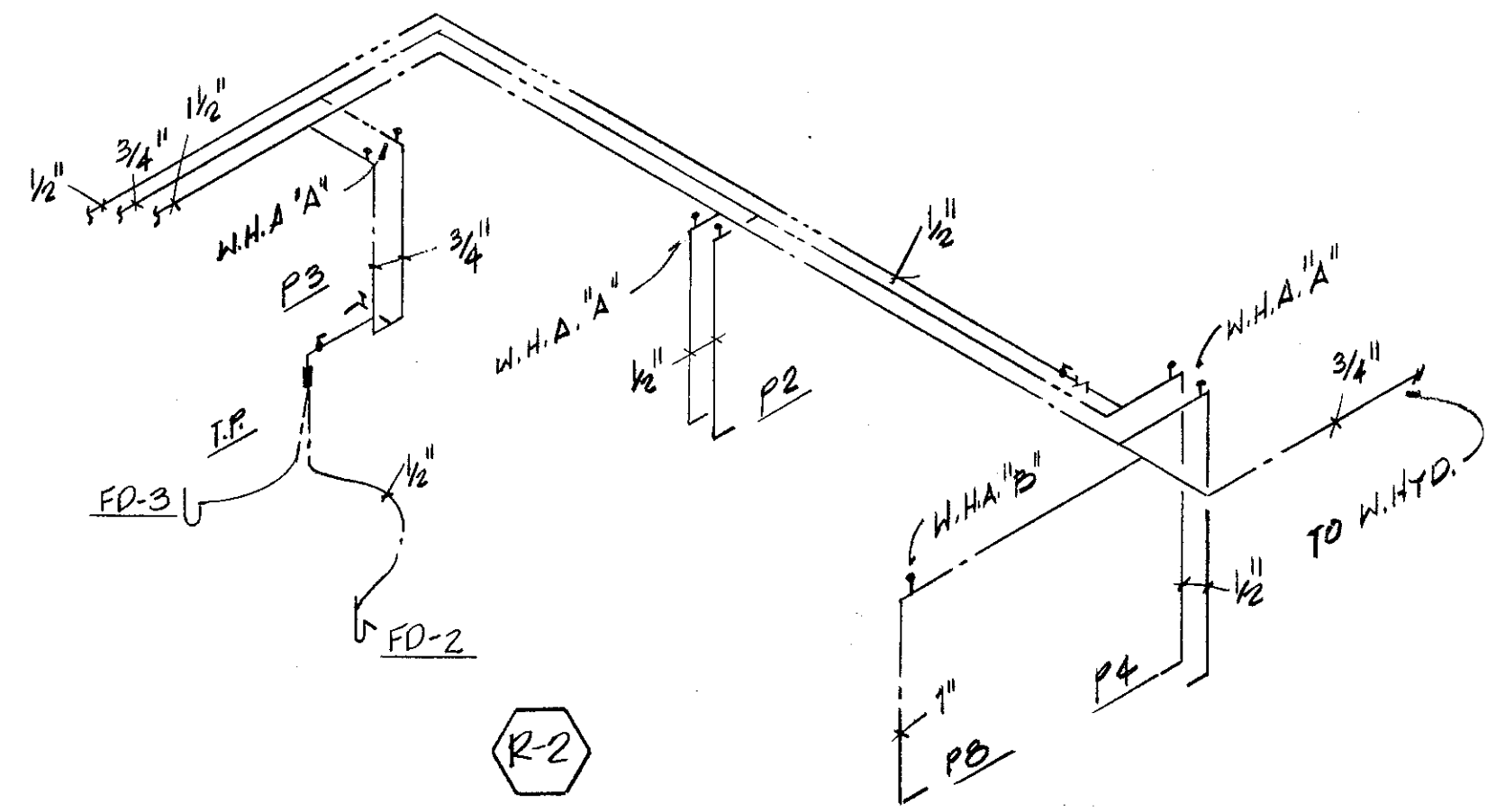
REVISIONS
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<p>OWN. BY: V.J. JOB NO.: 89043 CHK. BY: GB DATE: 15 DEC. 89 DWG. NO.: P-2</p>
<p>SHEET 10 OF 15 TITLE: FLOOR PLAN PLUMBING</p>



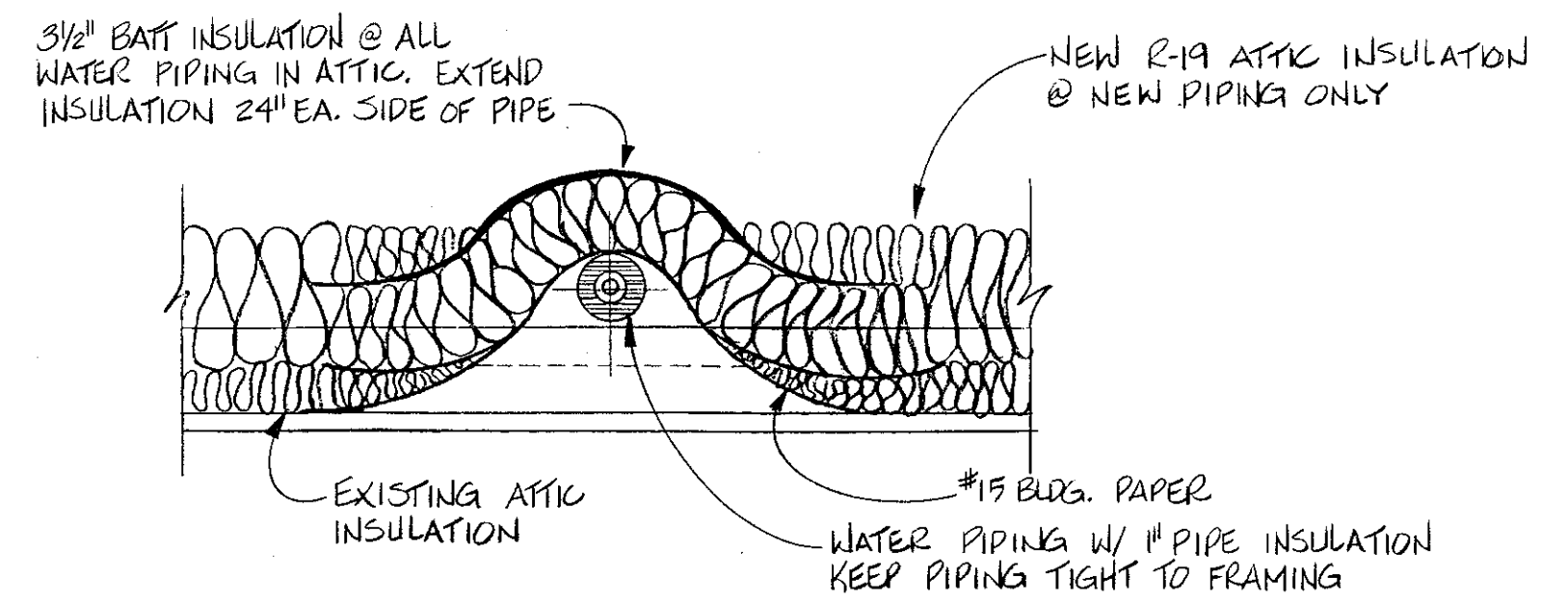
SOIL, WASTE & VENT RISER DIAGRAMS
SCHEMATIC - ONLY



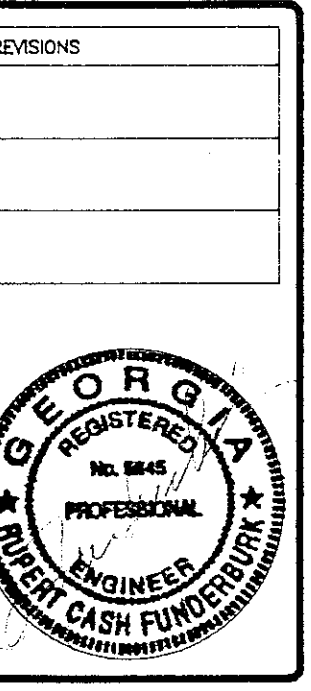
HOT & COLD WATER RISER DIAGRAMS
SCHEMATIC ONLY



YARD CLEANOUT - DETAIL
NOT TO SCALE



WATER PIPING IN ATTIC SPACE - DETAIL
NOT TO SCALE



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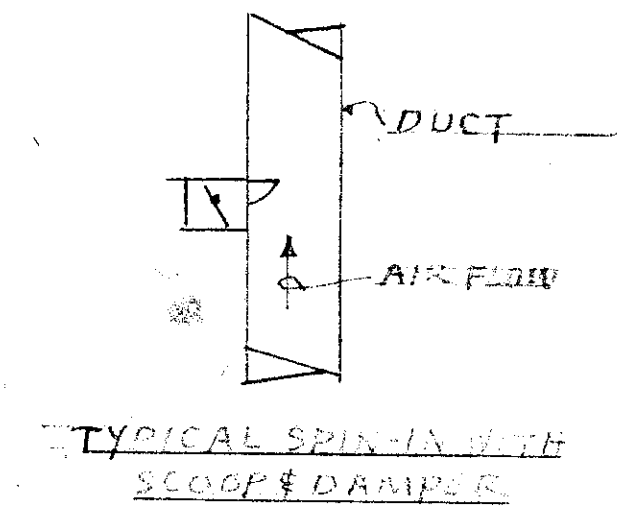
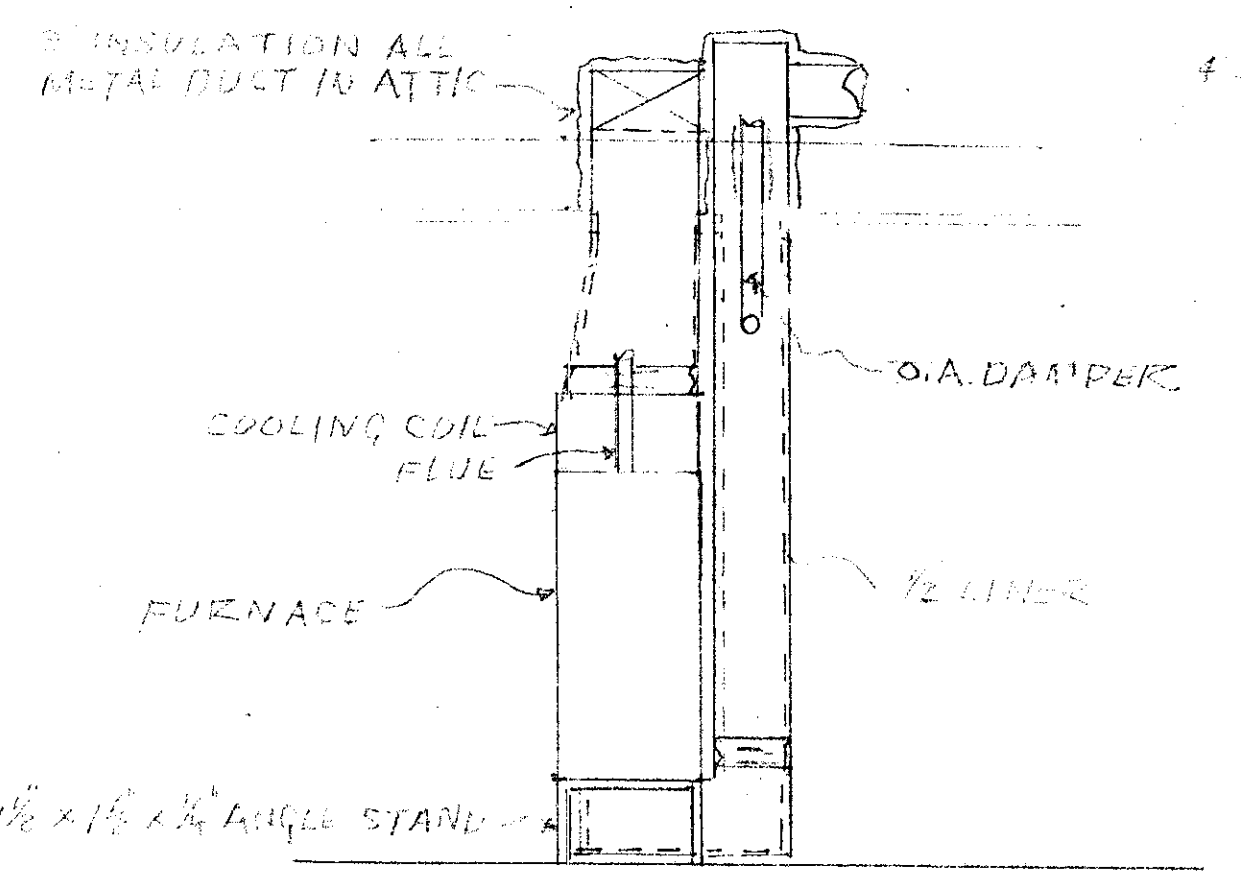
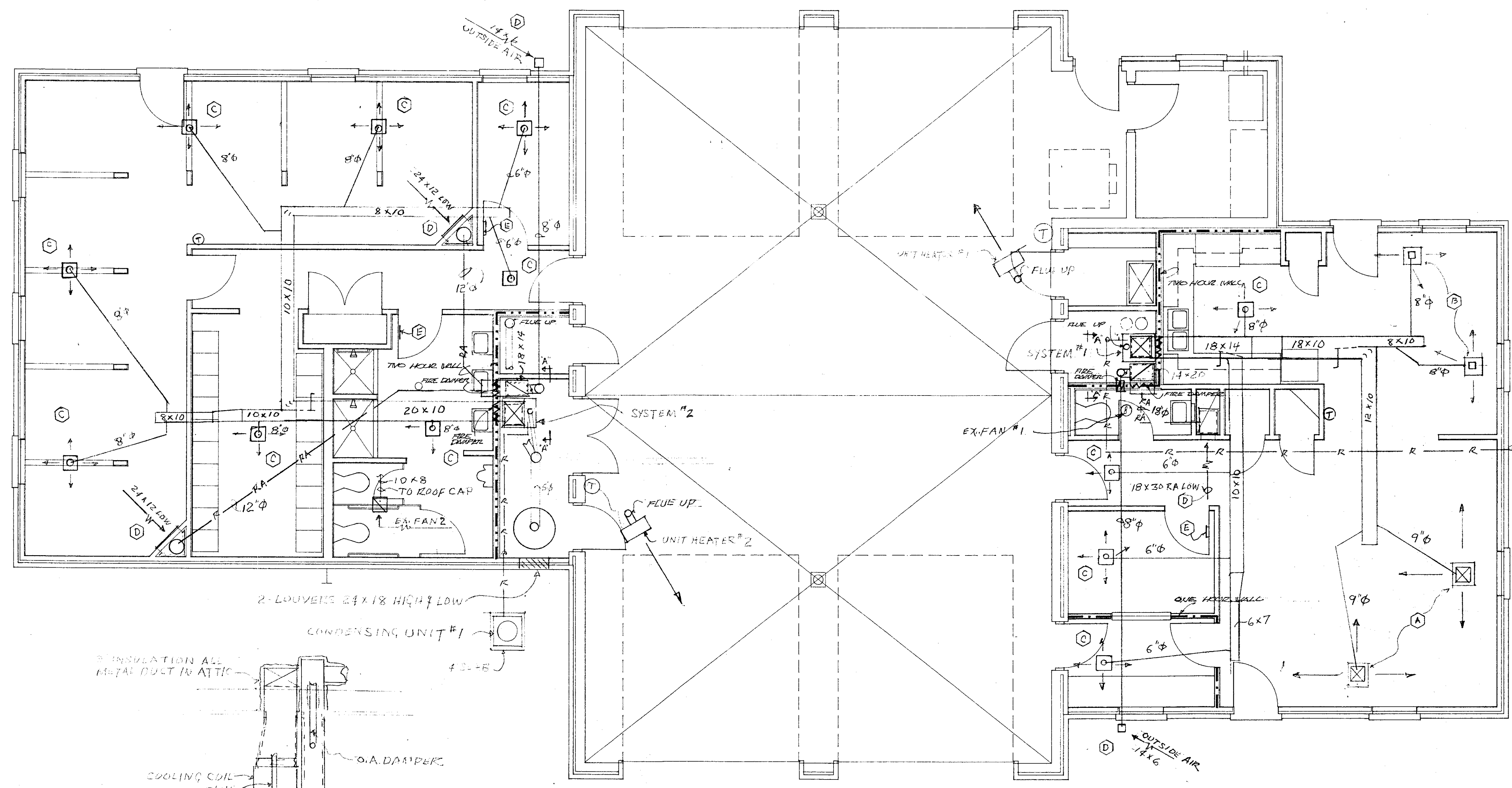


DWN. BY: S.L. JOB NO. 88-043
CHK. BY: G.B. DATE: 15 DEC. 81

DWG. NO. P.3

SHEET 11 OF 15

TITLE
RISERS & DETAILS



H.V.A.C. PLAN
SCALE 1/4" = 1'-0"

WHERE METAL DUCTS PASS THRU ONE HOUR WALL, NO FIRE DAMPER IS REQUIRED.

WHERE DUCTS PASS THRU TWO HOUR WALLS, FURNISH AND INSTALL FIRE DAMPERS. FOR SYSTEM #1, FIRE DAMPER FOR RETURN AIR SHALL BE 20X14 AND FOR SUPPLY SHALL BE 18X14. FOR SYSTEM #2, FIRE DAMPER FOR RETURN AIR SHALL BE 18X14 AND FOR SUPPLY SHALL BE 20X10.

SYSTEM #1: 48 MBH AT 95° AMBIENT, 80° AND 67° ENTERING AIR WHEN MATCHED WITH VERTICAL UP-FLOW FURNACE; 100 MBH MINIMUM INPUT, 1600 CFM AT .30 IN. S.P. EXTERNAL TO FURNACE AND COIL WITH 1/2 HP FAN MOTOR.

SYSTEM #2: 36 MBH AT 95° AMBIENT, 80° AND 67° ENTERING AIR WHEN MATCHED WITH VERTICAL UP-FLOW FURNACE; 100 MBH MINIMUM INPUT, 1200 CFM AT .30 IN. S.P. EXTERNAL TO FURNACE AND COIL WITH 1/2 HP FAN MOTOR.

UNIT HEATER #1 & #2: 100 MBH, EACH UNIT IS COMPLETELY FACTORY ASSEMBLED, PIPED WIRE, AND TEST ENEED. ALL UNITS ARE A.G.A. CERTIFIED AND CONFORM WITH THE LATEST ANSI STANDARDS FOR SAFE AND EFFICIENT PERFORMANCE.

NOTE: FURNACES #1 AND #2 SHALL BE 80% A.F.U.E. CONDENSING UNITS #1 AND #2 SHALL BE 9.25 BEEK.

EXHAUST FAN #1: BROAN 60 CFM, TO ROOF JACK 1/4 INCH S.P. OR EQUAL.

EXHAUST FAN #2: PENN MODEL Z10RA, 360 CFM AT 1/4 INCH S.P. TO ROOF CAP MODEL SL20 OR EQUAL; 130 WATTS.

NOTE: SYSTEMS #1 & #2 SHALL BE EQUAL TO LENNOX, TRANE, G.E., CARRIER OR YORK 230/208/11/60

- (A) TITUS MODEL TDC, SIZE 12X12, THREE WAY BLOW.
- (B) TITUS MODEL TDC SIZE 9X9, THREE WAY BLOW.
- (C) TITUS MODEL TMS-AA, SIZE AS SHOWN, FOUR WAY BLOW.
- (D) TITUS MODEL 350, SIZE AS SHOWN, ALUMINUM.
- (E) TITUS MODEL CT-700, SIZE 14X6, DOOR GRILLE.

NOTE: ALL CEILING DIFFUSERS MUST BE DESIGNED TO PROTECT CEILING FROM THE STREAKING AND SMUDGING.

NOTE: ALL UNITS TO BE SHIPPED WITH LPG KIT. RETURN TO THE OWNER PARTS TO CONVERT BACK TO NATURAL GAS.

NOTE - THE INSTALLER OF THE HEATING EQUIPMENT SHALL CONNECT UP ALL GAS FIRED SPACE HEATING EQUIPMENT TO GAS LINES INSTALLED UNDER THE PLUMBING SECTION OF THE SPECIFICATION. REFER TO DRAWING NO. P-2 FOR SIZE AND LOCATION OF GAS PIPES.

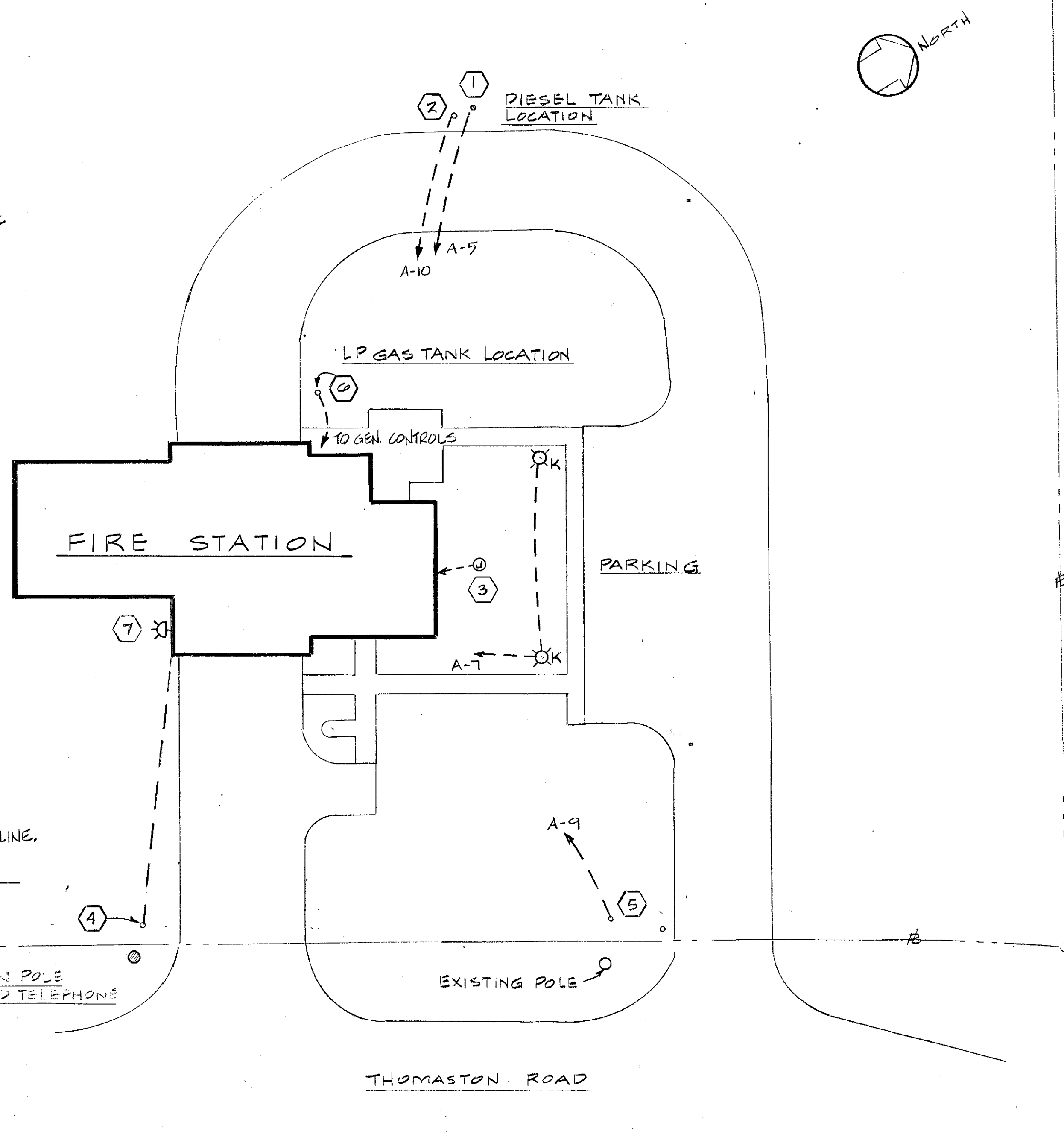
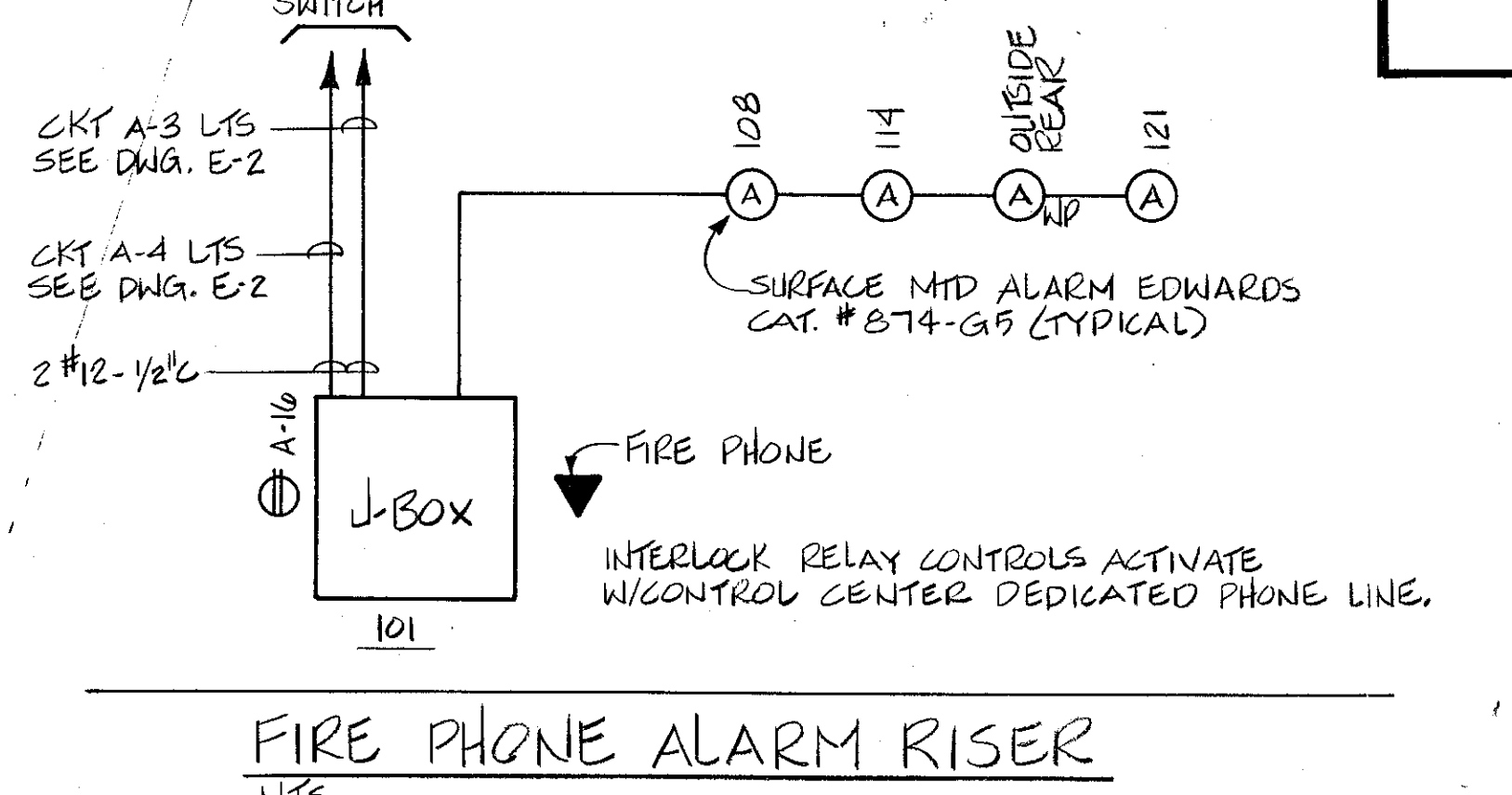
KEY NOTES

1. STUB OUT CONDUIT, MARK AND CAP FOR FUTURE LIGHT FIXTURE INSTALLATION BY OWNER
2. SAME AS NOTE 1 FOR DIESEL FUEL TANK SYSTEM
3. PROVIDE 3/4" E.C. TO TOWER IN WEATHERPROOF J-BOX.
4. SAME AS NOTE 1 FOR COMMUNICATIONS. 1" C. PVC STUB UP AT TEL. BKRD.
5. SAME AS NOTE 1 FOR FUTURE SIGNAGE
6. CONNECT TO L.P. GAS CONTROL SYSTEM AS PER MFR. SHOP DWGS
7. SERVICE ENTRANCE WEATHERHEAD AND MAST SEE RISER BELOW AND DWG E-3

LEGEND

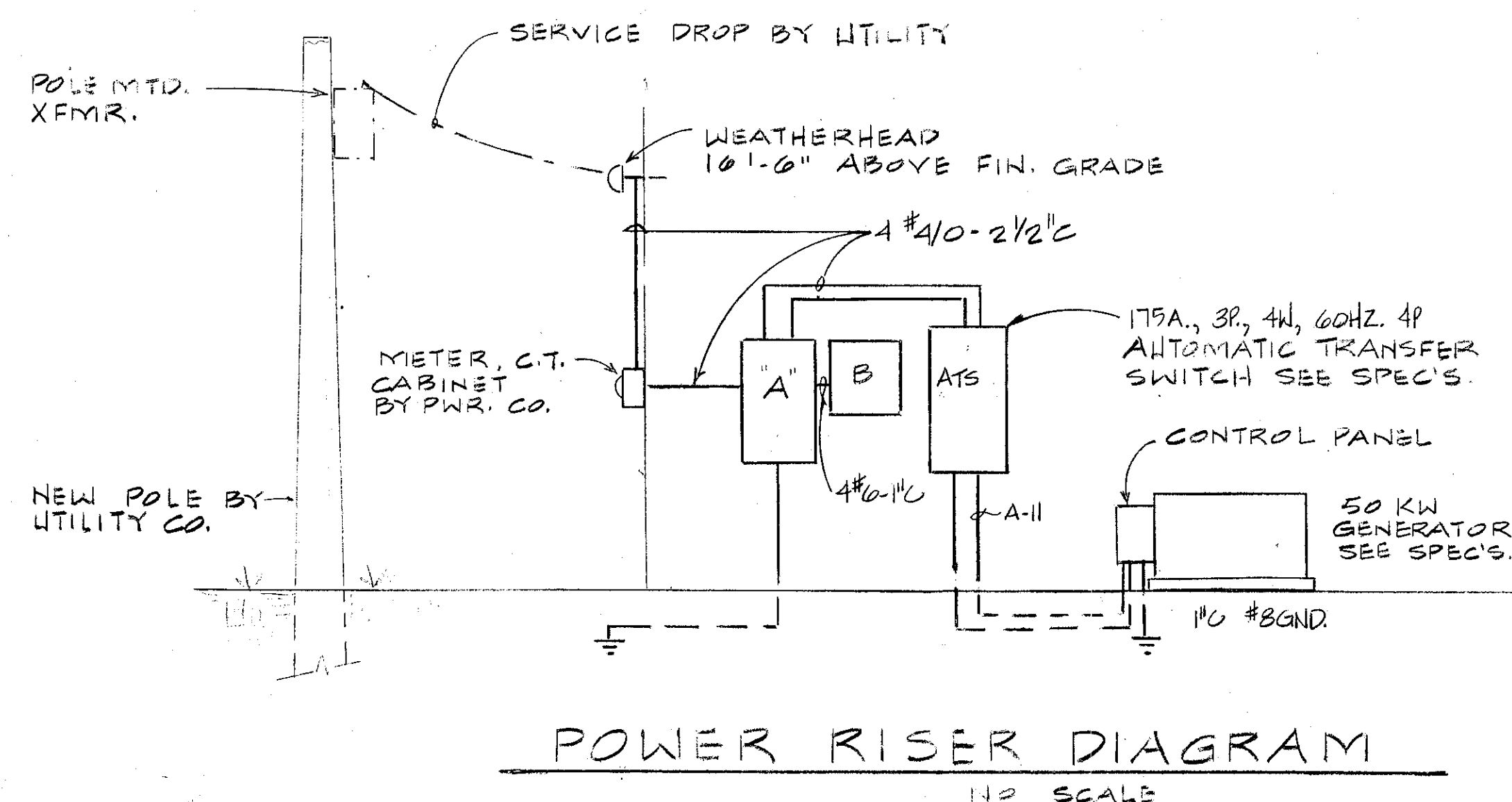
SYMBOL	DESCRIPTION
—	CONDUIT RUN CONCEALED IN WALL, CEILING
- - -	CONDUIT RUN CONCEALED BELOW GRADE OR IN SLAB
→	HOME RUN TO PANELBOARD
—/—	CONDUIT AND WIRE, SLASH OR HATCH MARKS SHOW NUMBER OF 12 AWG WIRES IN 1/2" CONDUIT
○	SURFACE MOUNTED INCANDESCENT LIGHT FIXTURE
○	WALL BRACKET
□	SURFACE MTD. FLUORESCENT
⊗	POLE TOP MTD HIGH PRESSURE SODIUM FIXTURE
⊗	FLUORESCENT FIXTURE WITH EMERGENCY BATTERY PACK
⊗	FLUORESCENT FIXTURE ON FIRE PHONE ALARM
\$	WALL SWITCH S.P.S.T.
\$3	WALL SWITCH THREE WAY
\$M	MOTOR SNAP SWITCH W/O.L.
⊕	DUPLEX RECEPTACLE
⊕	GROUND FAULT INTERRUPTER
⊕WP	DUPLEX RECEPTACLE OUTLET - WEATHERPROOF
⊕	SPECIAL PURPOSE OUTLET
⊕/⊕	JUNCTION BOX - CEILING/WALL MOUNTED
⊕	T.V. OUTLET
⊕/⊕	RECESSED MOUNTED CEILING/WALL MOUNTED SPEAKERS
⊕	VOLUME CONTROL WALL MOUNTED
⊕	TELEPHONE BACKBOARD
⊕	TELEPHONE OUTLET - FLUSH MOUNTED
⊕	TELEPHONE OUTLET - FIRE PHONE
⊕	WEATHERHEAD
⊕	ALARM HORN/BUZZER - FIRE CALL
⊕	120/208 VOLT PANELBOARD
⊕	DISCONNECT SWITCH - NON FUSED
⊕	MOTOR - F INDICATES FRACTIONAL HORSEPOWER.

NOTES:
1. OUTSIDE ALARM SHALL BE THE VIBRATOR TYPE AND WEATHERPROOF ENCLOSURE

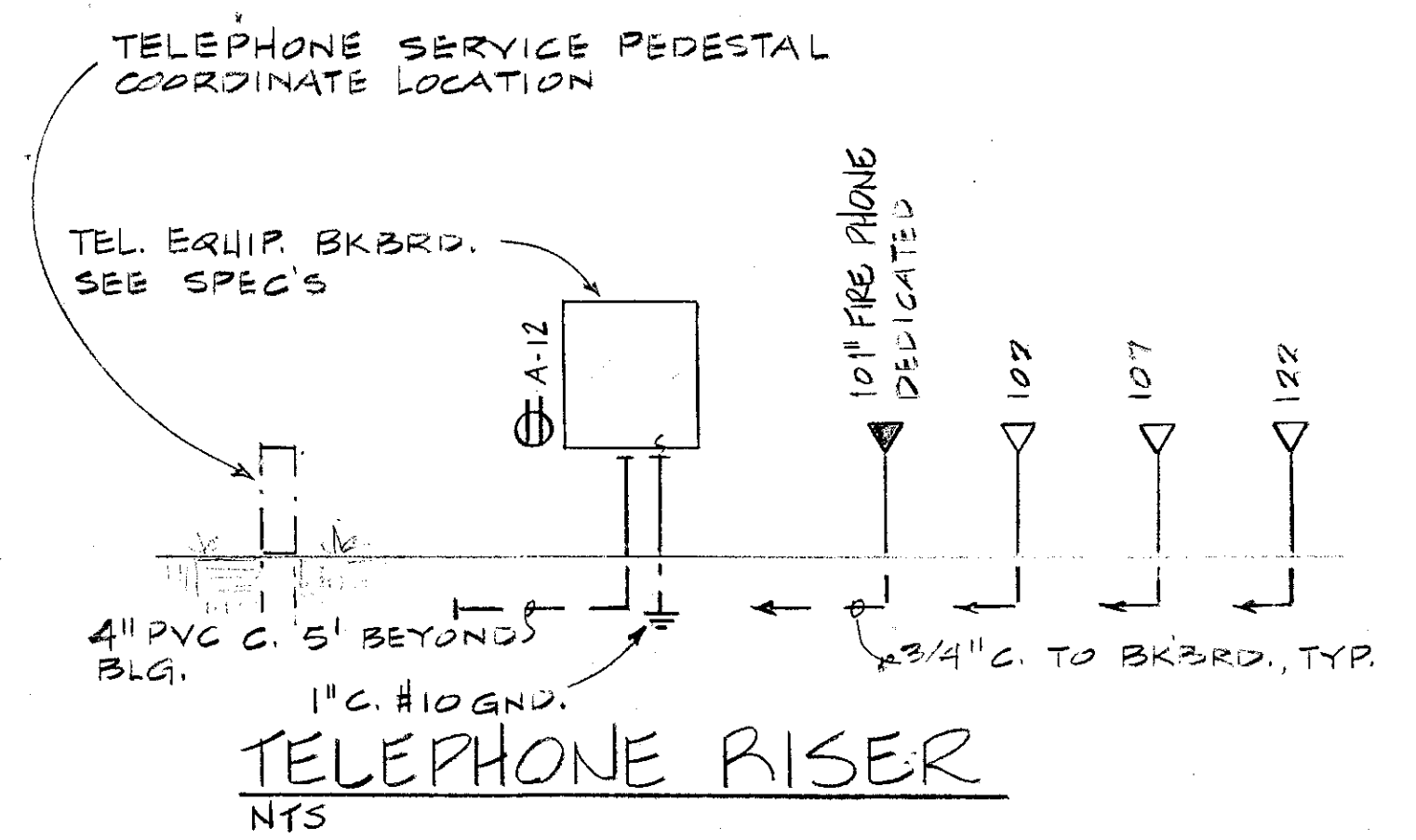


ELECTRICAL SITE PLAN

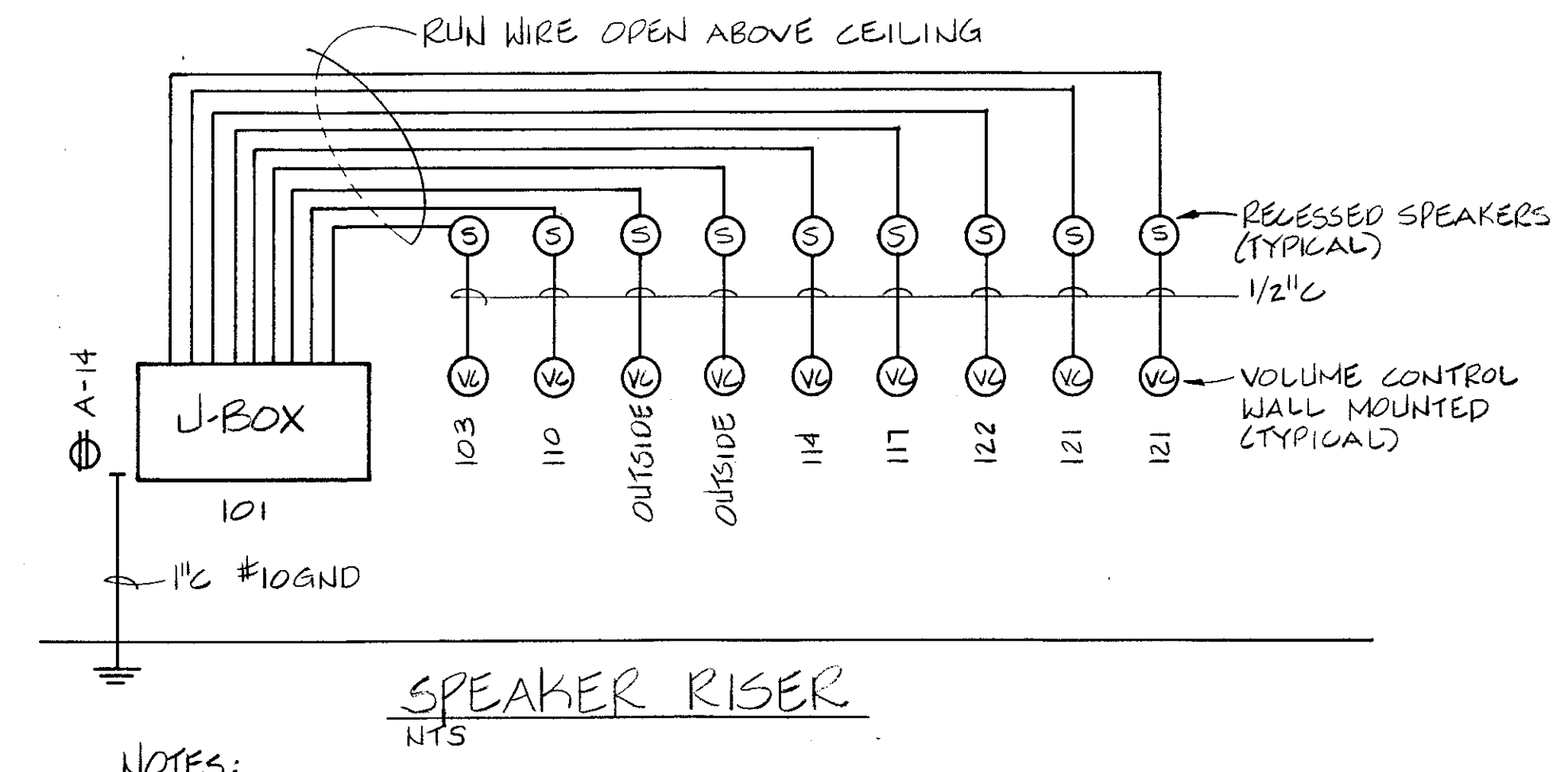
1" = 20'



POWER RISER DIAGRAM
1/2" SCALE

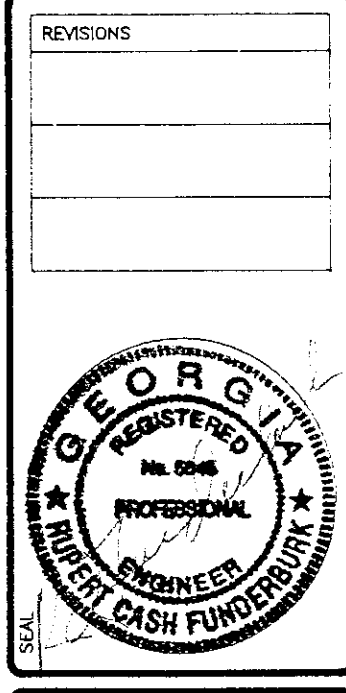


TELEPHONE RISER
NTS



SPEAKER RISER
NTS

- NOTES:
1. ALL SPEAKERS SHALL BE DUKANE OR EQUAL.
 2. SPEAKERS WITH INSULATED BACKBOX AND PAINTED GRILL.
 3. SPEAKER WIRE SHALL BE BELDEN CAT. #8781 SPEAKER WIRE OR EQUAL.
 4. SPEAKER SHALL BE 8OHM, 20 TO 1500 CYCLES AND 20/30 WATTS.
 5. VC STEP TRANSFORMER TYPE.

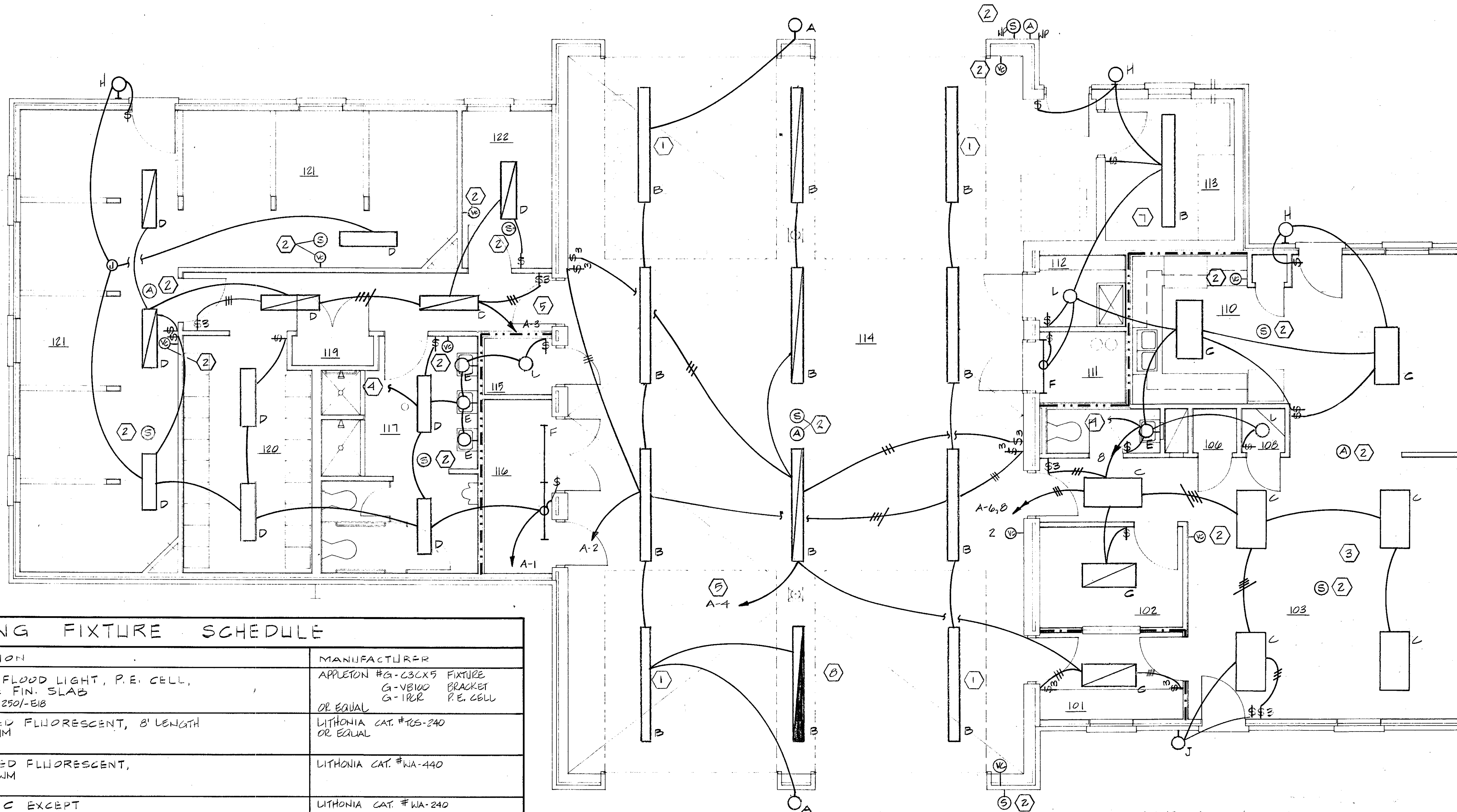


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OWN. BY: JOB NO. 89043
DRAWN BY: HA DATE: 15 DEC. 89
DWG. NO. E-1
SHEET 13 OF 15
TITLE: SITE PLAN ELECTRICAL

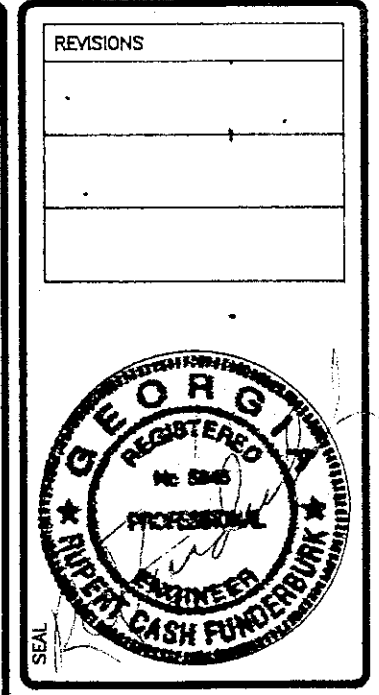


FLOOR PLAN - LIGHTING
1/4" = 1'-0"

- KEY NOTES**
- ① MOUNT FIXTURE TO AVOID CONFLICT WITH OVERHEAD DOOR
 - ② REFER TO DWG-E1 FOR SPEAKER RISER, FIRE PHONE ALARM RISER AND TELEPHONE RISER FOR CONDUIT RUNS.
 - ③ REFERENCE ARCH. REFLECTED CEILING PLAN FOR EXACT PLACEMENT OF LIGHT FIXTURES, OUTLETS AND DEVICES
 - ④ CONNECT TO EXHAUST FAN. SEE DWG. E-3 KEY NOTE ②
 - ⑤ WIRE CIRCUIT LIGHTS TO COME ON UPON A FIRE PHONE ALARM. SEE DWG. E-1
 - ⑥ NOT USED
 - ⑦ PROVIDE CONDUIT SEAL-OFF FITTINGS IN GENERATOR ROOM.
 - ⑧ BATTERY INVERTER UNITS IN EMERGENCY FIXTURE SHALL BE SUPPLIED BY AN "UNSWITCH HOT" CONDUCTOR TO MAINTAIN A CHARGE ON BATTERY.

LIGHTING FIXTURE SCHEDULE		
TYPE	DESCRIPTION	MANUFACTURER
A	WALL MOUNTED FLOOD LIGHT, P.E. CELL, MT. 13'-0" ABOVE FIN. SLAB 270W H.R.S. - LAMP - LU250/-E18	APPLETON #G-C3CX5 FIXTURE G-V8100 BRACKET G-1R2 P.E. CELL OR EQUAL
B	SURFACE MOUNTED FLUORESCENT, 8' LENGTH LAMP - (2) F40W/R5/W/M	LITHONIA CAT. #KCS-240 OR EQUAL
C	SURFACE MOUNTED FLUORESCENT, LAMP - (4) F40W/R5/W/M	LITHONIA CAT. #WA-440
D	SAME AS TYPE C EXCEPT LAMP - (2) F40W/R5/W/M	LITHONIA CAT. #WA-240
E	WALL BRACKET MOUNT INCANDESCENT, GND. CONVENIENCE OUTLET LAMP - (2) 75W-A19	PRESCOLITE # WB-19 OR EQUAL
F	SURFACE MOUNT OR WALL MOUNT FLUORESCENT, 4'-0" SINGLE LAMP LAMP - (1) F40W/R5/W/M	LITHONIA CAT. #S-140HRS OR EQUAL
	NOT USED	NOT USED
G	NOT USED	NOT USED
H	WALL BRACKET MOUNTED FIXTURE FOR WET LOCATION LAMP - (1) 100W-A19	PRESCOLITE # WB-43 OR EQUAL
J	WALL BRACKET MOUNTED FIXTURE FOR WET LOCATION LAMP - (1) 150W-A19	THOMAS IND. # M-5360-1 OR EQUAL
K	OUTDOOR DECORATIVE POLE MOUNTED FIXTURE, 3' POLE, CONCRETE BASE, PHOTO CELL CONTROL LAMP - (1) LU100/MED B-17	G.E. #PM 17-100-S-120-PE-R-A-MN3-6R
L	SURFACE MOUNTED INCANDESCENT DRUM LAMP - (1) 60W-A19	PRESCOLITE CAT. #7808

NOTE:
ALL FLUORESCENT FIXTURES WILL HAVE ENERGY EFFICIENT BALLAST.

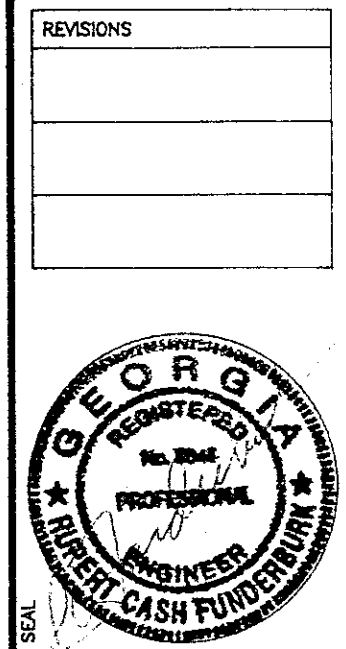


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31202

OWN. BY	JOB NO.
HA	89,043
DWG. NO.	DATE
E-2	12 DEC 89
SHEET 14 OF 15	
TITLE FLOOR PLAN LIGHTING	



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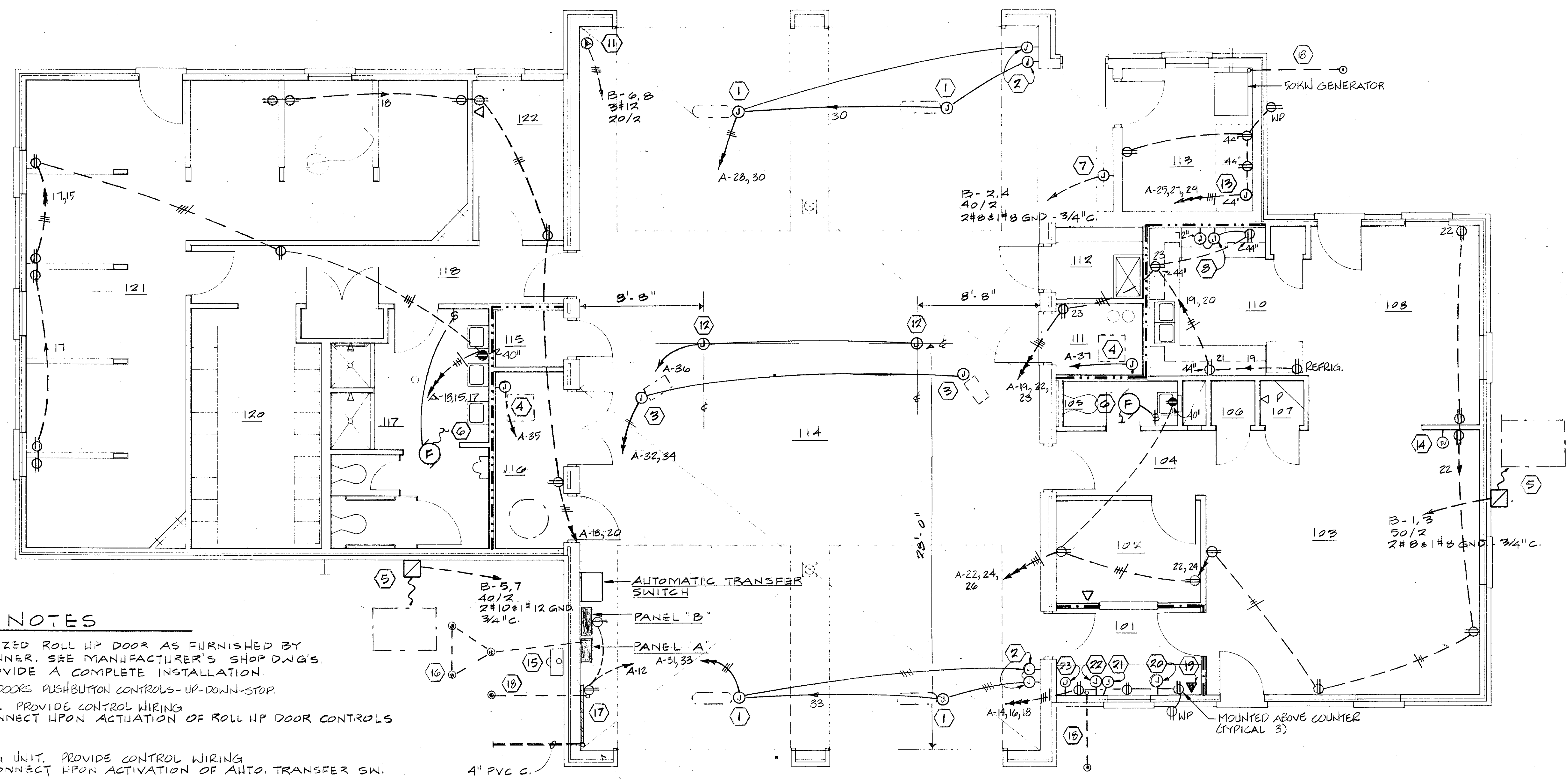


DWN. BY: HA
 JOB NO.: 88043
 DATE: 15 DEC 89

DWG. NO.: **E-3**

SHEET 15 OF 15

TITLE: **FLOOR PLAN POWER**



KEY NOTES

- 1. CONNECT TO MOTORIZED ROLL UP DOOR AS FURNISHED BY DIVISION 15 OR OWNER. SEE MANUFACTURER'S SHOP DWG'S COORDINATE TO PROVIDE A COMPLETE INSTALLATION.
- 2. J-BOX FOR MOTORIZED DOORS PUSHBUTTON CONTROLS-UP-DOWN-STOP.
- 3. J-BOX FOR UNIT HEATER. PROVIDE CONTROL WIRING INTERLOCK TO DISCONNECT UPON ACTIVATION OF ROLL UP DOOR CONTROLS
- 4. J-BOX FOR FURNACE
- 5. J-BOX FOR CONDENSING UNIT. PROVIDE CONTROL WIRING INTERLOCK TO DISCONNECT UPON ACTIVATION OF AUTO. TRANSFER SW.
- 6. CONNECT EXHAUST FAN TO CIRCUIT LIGHTS. SEE DWG. E-2 KEY NOTE 4
- 7. J-BOX FOR HOSE DRYER
- 8. J-BOX FOR OVEN VENT HOOD, LIGHT.
- 9. NOT USED
- 10. NOT USED
- 11. SPECIAL OUTLET FOR HOSE WASHER
- 12. " " " EXTENSION CORD REEL
- 13. " " " SHOP
- 14. " " " TELEVISION
- 15. METER, C.T. CABINET BY UTILITY CO.
- 16. GROUND ROD CLUSTER
- 17. TELEPHONE EQUIP. BACKBOARD
- 18. 3/4" C. PVC #10 GROUND
- 19. "FIRE PHONE" OUTLET SEE RISER 10" A.F.F.
- 20. J-BOX FOR ALARM SYSTEM. ALARM CONTROL PANEL BY OTHERS. SEE ALARM RISER DWG. E-1.
- 21. J-BOX FOR SPEAKER CONTROL PANEL. SEE DWG. E-1 FOR SPEAKER RISER.
- 22. PROVIDE 2" PVC FROM J-BOX IN CONTROL RM. 101 TO WEATHERPROOF J-BOX LOCATED AT BASE OF TOWER. SEE DRW. E-1.
- 23. J-BOX FOR FUTURE MOTORIZED DOORS CONTROL.

FLOOR PLAN-POWER
 1/4" = 1'-0"

NOTE: CONNECT EMERGENCY GENERATOR TO GAS LINE AT GAS VALVE/GAS COCK. SEE DRAWING NO. P-3.

PANELBOARD SCHEDULE

PANEL "A" 208/120V. 3 PHASE, 4 WIRE, 60HZ.
 SERVICE ENTRANCE RATED, 225A. BUS, FULL NEUTRAL
 225 A. 3 POLE MAIN BREAKER 42 POLE SURFACE MTD.
 22000 A.I.C.
 1- 60A. 3P. SHUNT TRIP W/ A.T.S.
 39- 20A. 1P
 20 A SPACE

PANEL "B" 100A M.L.O. 20 POLE SURFACE MTD.
 1- 50A. 2P.
 2- 40A. 2P.
 6- 20A. 2P. SPACE
 6- 20A. 1P. SPACES