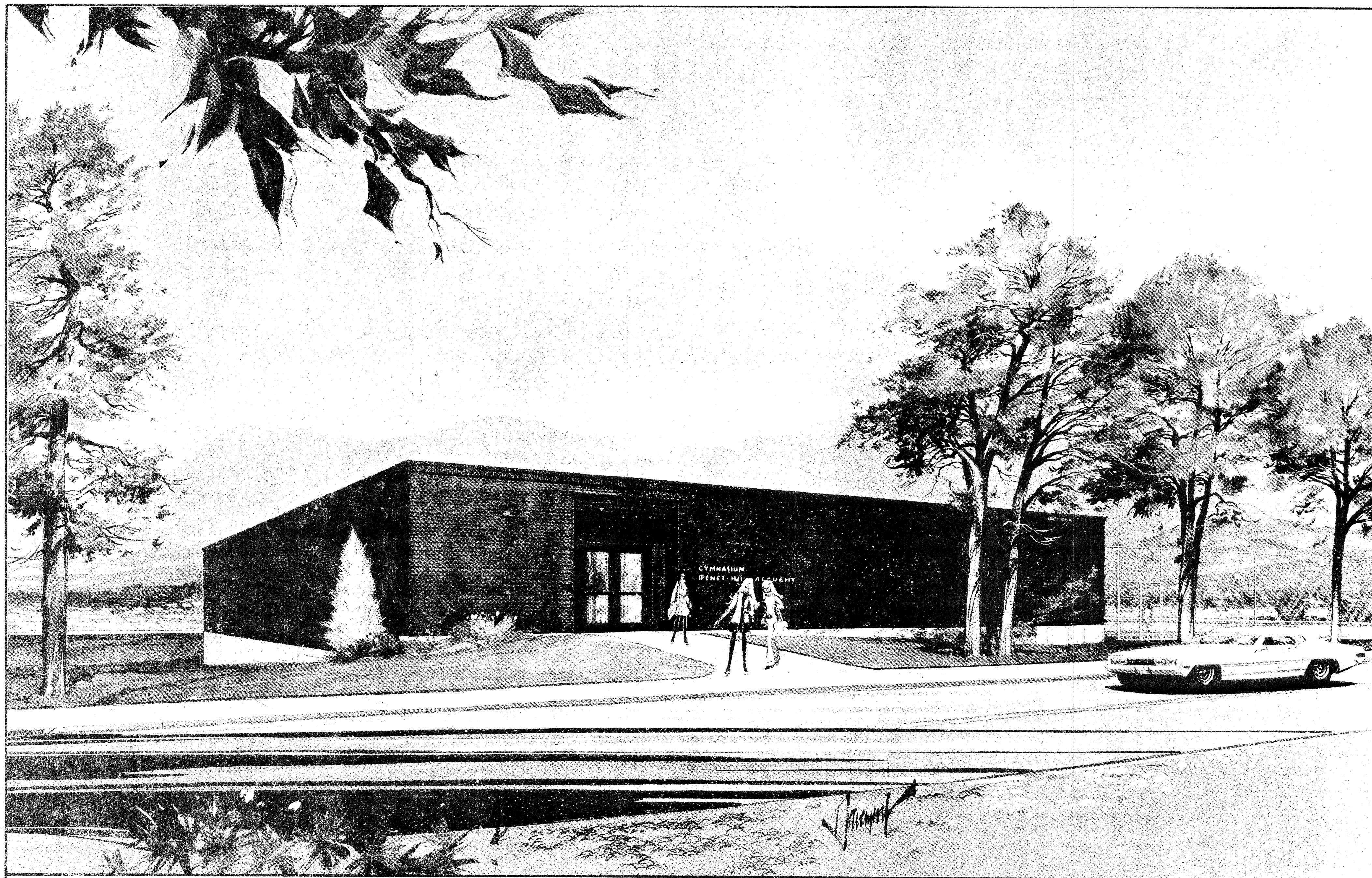




BENET HILL ACADEMY
GYMNASIUM

COLORADO SPRINGS

COLORADO

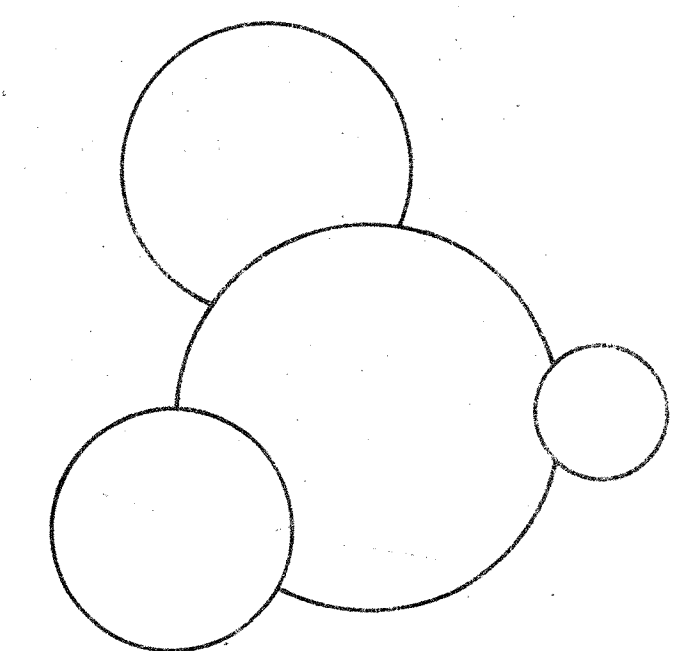
STRUCTURAL ENGINEER
ANDERSON & HASTINGS
DENVER, COLO.

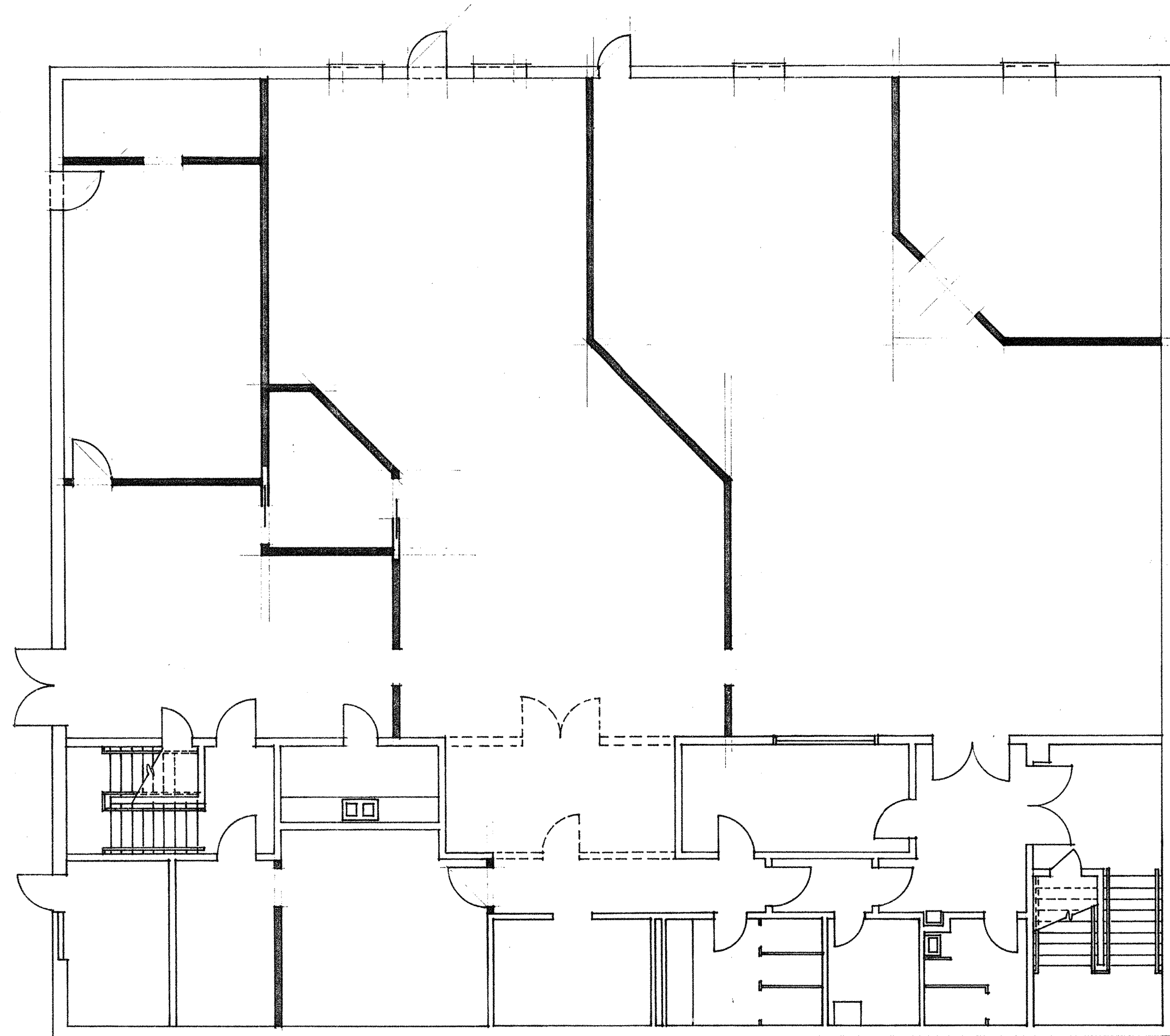
ELECTRICAL ENGINEER &
MECHANICAL ENGINEER

BEHRENT ENGINEERING INC.
DENVER, COLO.

ARCHITECT

CARLISLE B. GUY & ASSOC.
COLORADO SPRINGS, COLO.

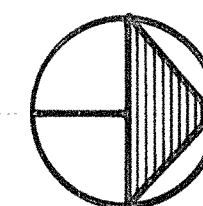




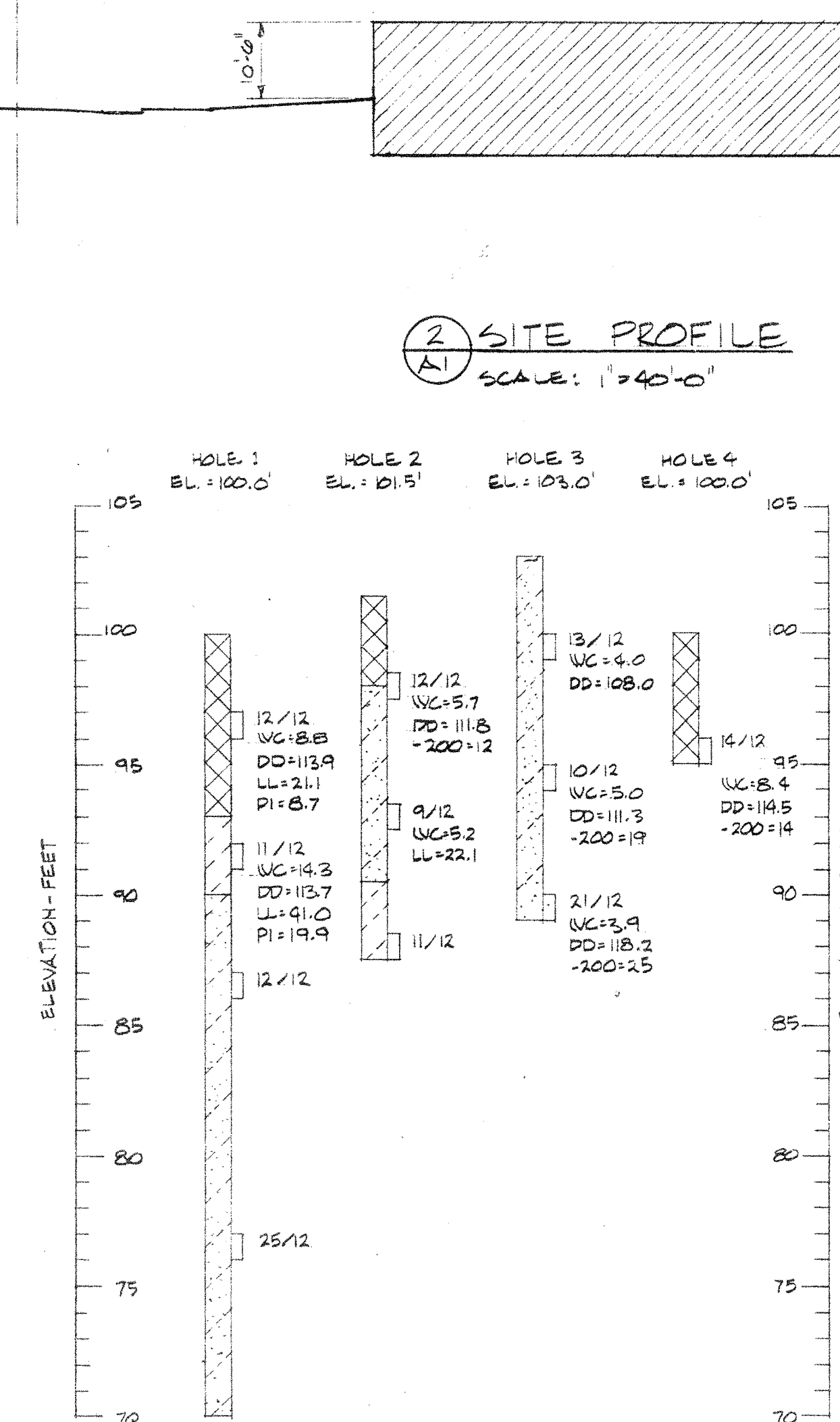
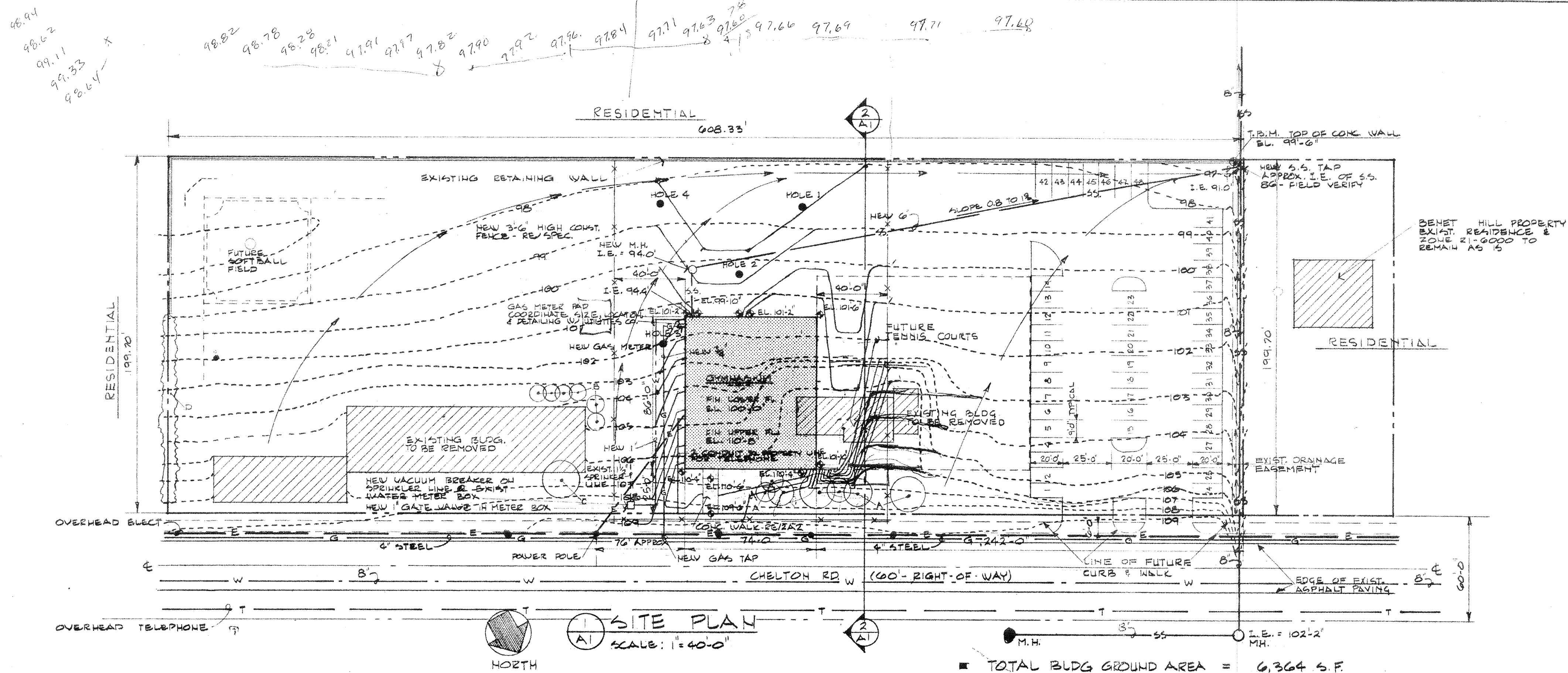
PLAN of LOWER LEVEL
SCALE: 1/8" = 1'-0"

LEGEND

- EXISTING STRUCTURE TO REMAIN.
- NEW STRUCTURE.
- EXISTING STRUCTURE TO BE REMOVED.



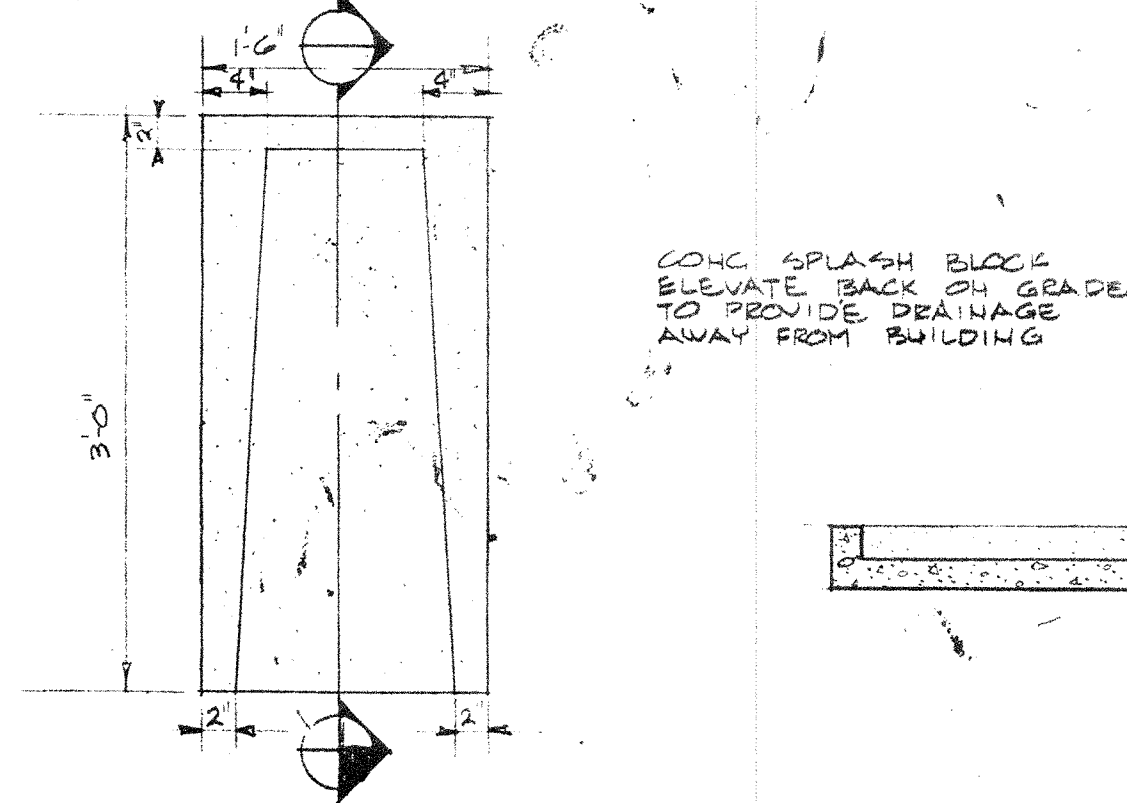
PROPOSED RENOVATION
of BENET HILL SPORTS CENTER
COLORADO SPRINGS, CO
DRAWN BY: CHARLES MASCARI
DATE: 29 JAN 89
SCALE: AS NOTED



LOGS OF EXPLORATORY HOLES

- TOTAL BLDG GROUND AREA = 6,364 S.F.
- PARKING ROAD = 1 SPACE/100 S.F. + 1 SPACE FOR EA. 2 EMPLOYEES
- 4386 S.F. (GYMNASIUM) = 44 SPACES
- + 1 SPACE (2 EMPLOYEES)
- 45 SPACES REQ'D.
- 48 SPACES PROVIDED

- NO FREE STANDING LIGHT STANDARDS OR SIGNS ARE REQUIRED



PLANT SCHEDULE (EXISTING)				
MARK	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
A	RUSSIAN OLIVE	ELAEAGNUS ANGUSTIFOLIA	6"-10" DIA.	EXISTING
B	EASTERN RED CEDAR	JUNIPERUS VIRGINICA	6"-12" DIA.	EXISTING
C	AMERICAN ELM	ULMUS AMERICANA	20" DIA.	EXISTING
D	"	"	2"-6" DIA.	EXISTING

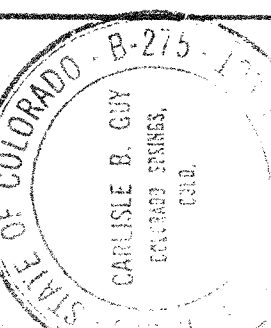
FUTURE LANDSCAPING WILL BE INCORPORATED AS FUNDS BECOME AVAILABLE. PLANT MATERIALS WILL CORRESPOND WITH ESTABLISHED MATERIALS ON THIS SITE AND ADJACENT BEHET HILL ACADEMY PROPERTY.

TIME SCHEDULE											
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.
CONSTRUCTION DOCUMENTS											
DEMOLITION OF EXISTING BUILDING											
CONSTRUCTION											

INDEX TO DRAWINGS	
ARCHITECTURAL	
A-1	SITE PLAN & SOIL LOGS
A-2	FLOOR PLANS & ROOF PLAN
A-3	ELEVATIONS
A-4	BUILDING SECTIONS
A-5	WALL SECTIONS
A-6	LARGE SCALE PLANS & ELEVATIONS, ACCESSORIES SCHEDULE, & REFLECTED CEILING PLAN
A-7	STAIR SECTIONS & DETAILS
A-8	DOOR SCHEDULE, DOOR & WINDOW DETAILS & FINISH SCHEDULE
STRUCTURAL	
S-1	FRAMING PLANS & GENERAL NOTES
S-2	WALL SECTIONS
S-3	STAIR SECTIONS
MECHANICAL	
M-1	PUMPING PLAN & DETAILS
M-2	DUCTWORK PLAN & DETAILS
ELECTRICAL	
E-1	ELECTRICAL LIGHTING PLAN
E-2	ELECTRICAL POWER PLAN

CARLISLE B. GUY ARCHITECT

COLORADO SPRINGS, COLORADO



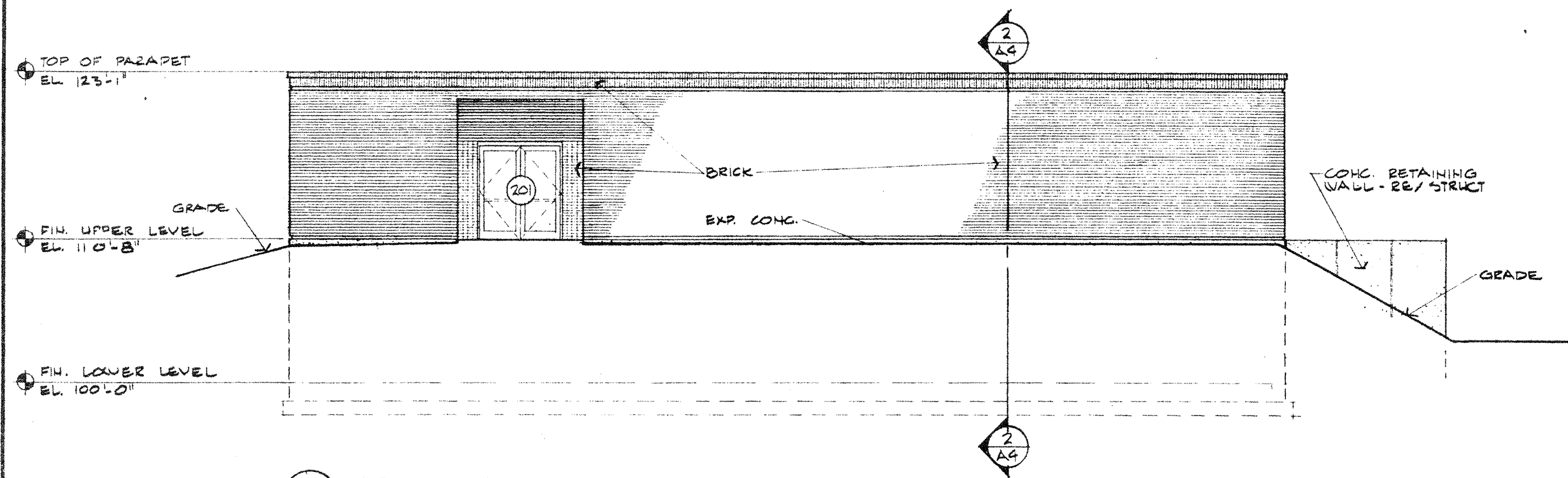
BEHET HILL ACADEMY GYMNASIUM

COLORADO SPRINGS, COLORADO

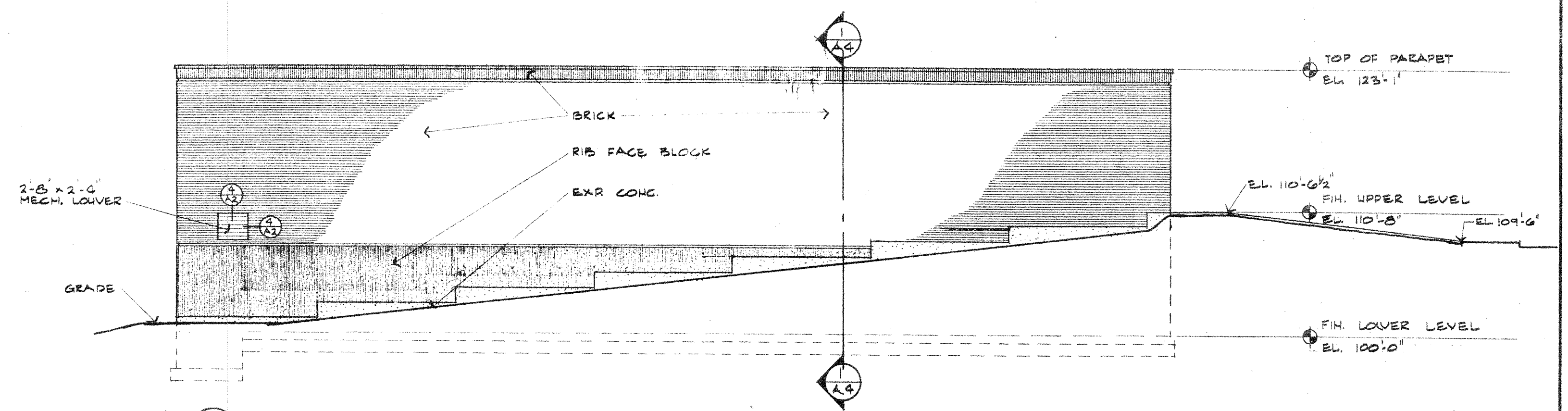
SITE PLAN & INDEX

DRAWN BY C.G.
CHECKED BY T.
DATE 2-27

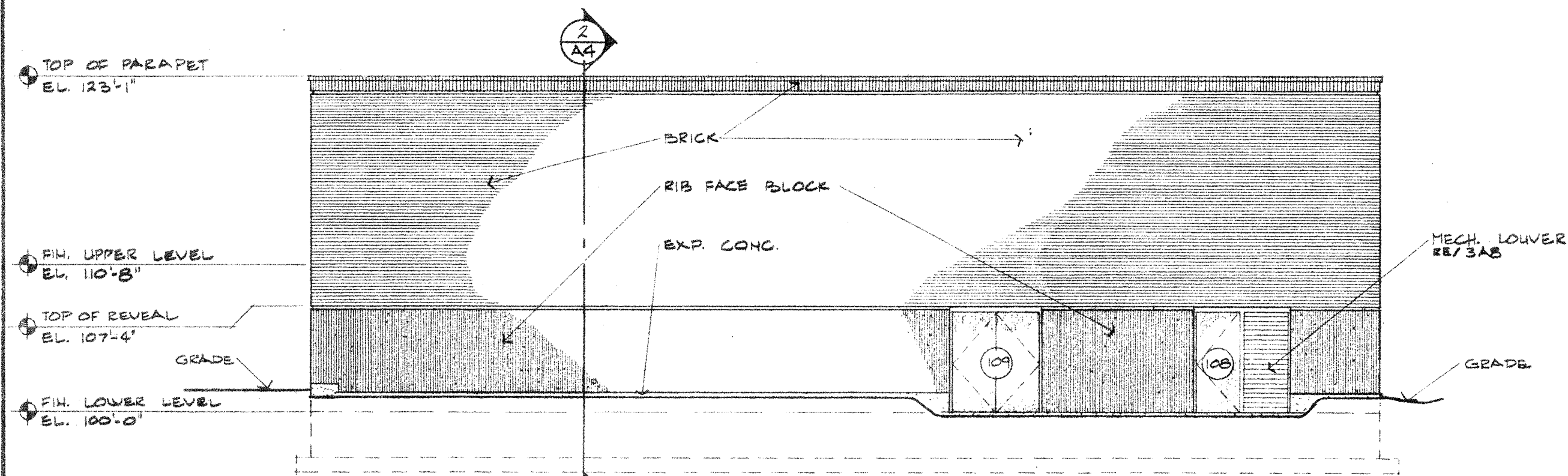
SHEET



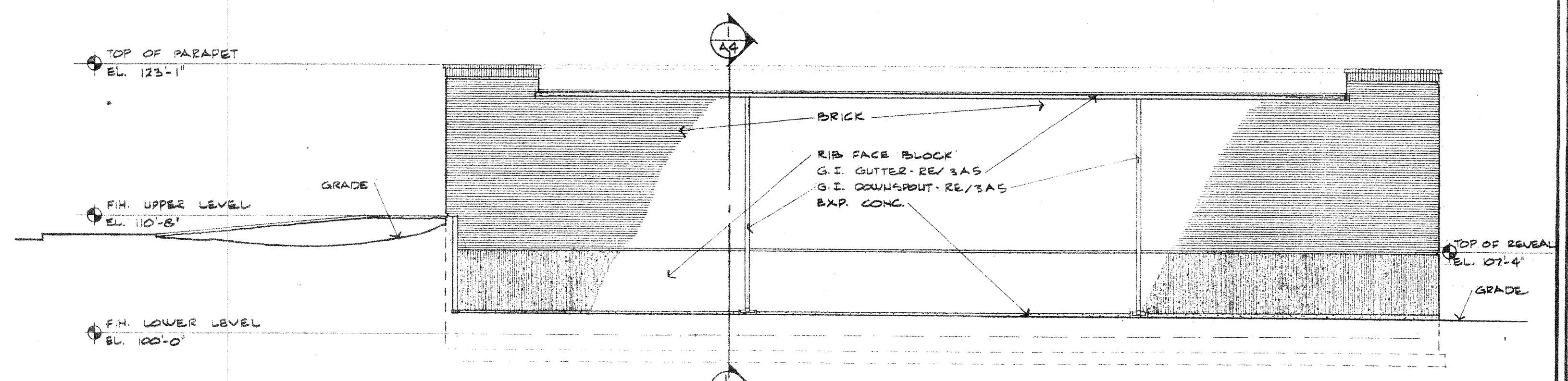
1 NORTH ELEVATION
A3
SCALE: 1/8" = 1'-0"



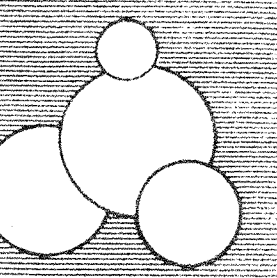
2 EAST ELEVATION
A3
SCALE: 1/8" = 1'-0"



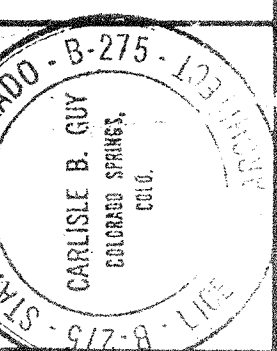
3 SOUTH ELEVATION
A3
SCALE: 1/8" = 1'-0"



4 WEST ELEVATION
A3
SCALE: 1/8" = 1'-0"



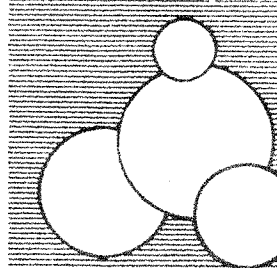
CARLISLE B. GUY ARCHITECT
COLORADO SPRINGS, COLORADO



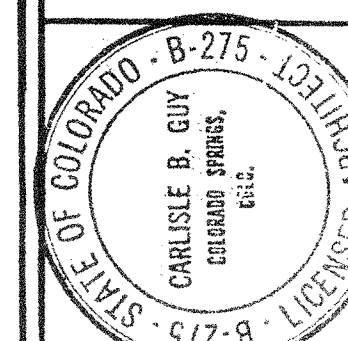
BENET HILL ACADEMY
GYMNASIUM
COLORADO SPRINGS, COLORADO
ELEVATIONS

DRAWN BY C.G.W.
CHECKED BY T.L.
DATE 2-27-75

SHEET A3



CARLISLE B. GUY ARCHITECT
COLORADO SPRINGS, COLORADO

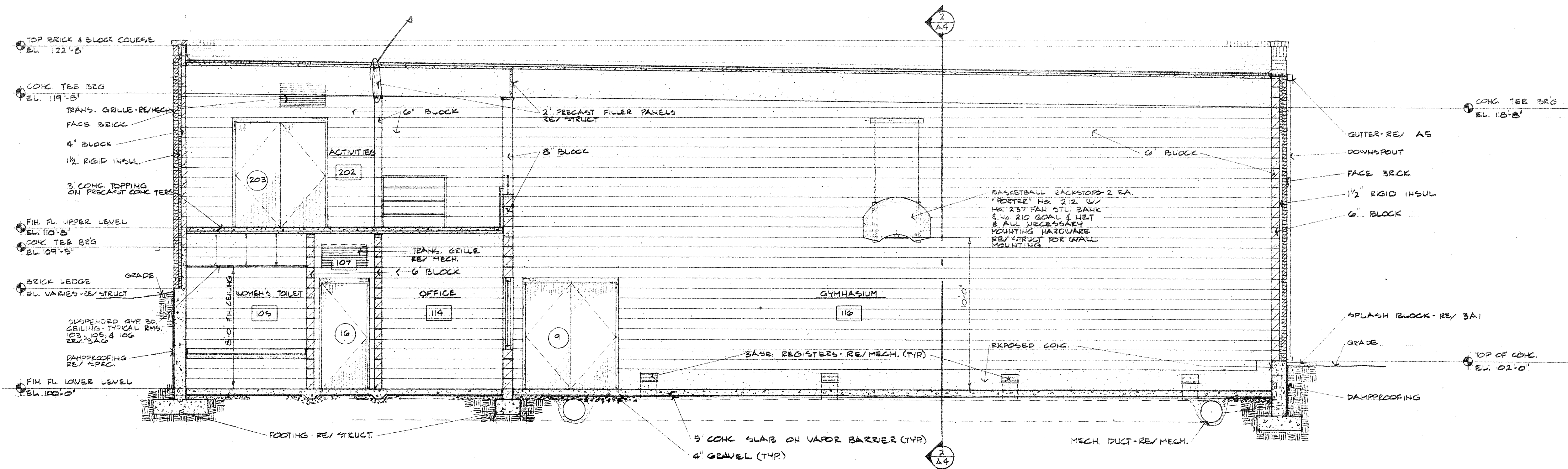


BENET HILL ACADEMY
GYMNASIUM
COLORADO SPRINGS, COLORADO
BUILDING SECTIONS

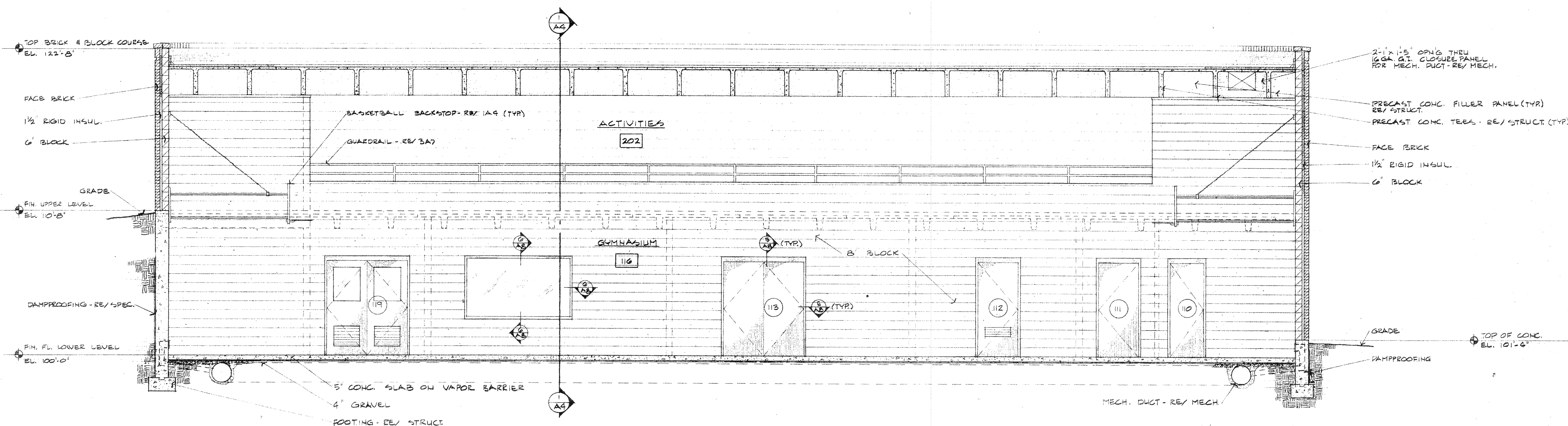
DRAWN BY C.G.V.
CHECKED BY T.L.
DATE 2-27-75

SHEET 14

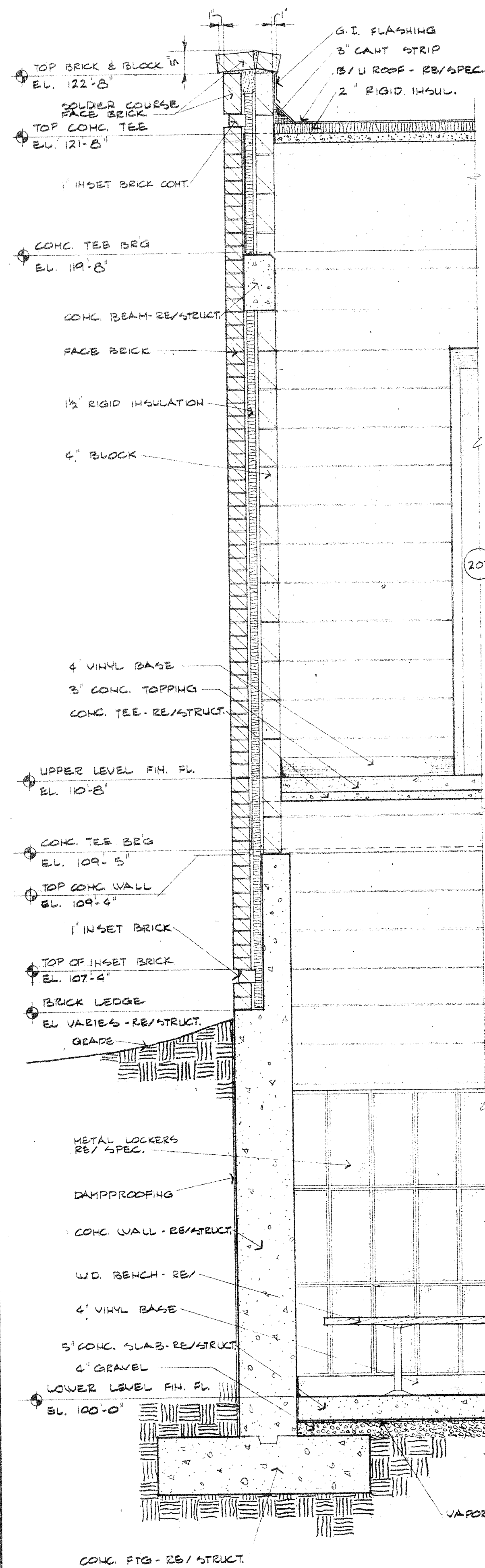
16 Ga. G.I. Closure
west wall storage
west wall of stairs



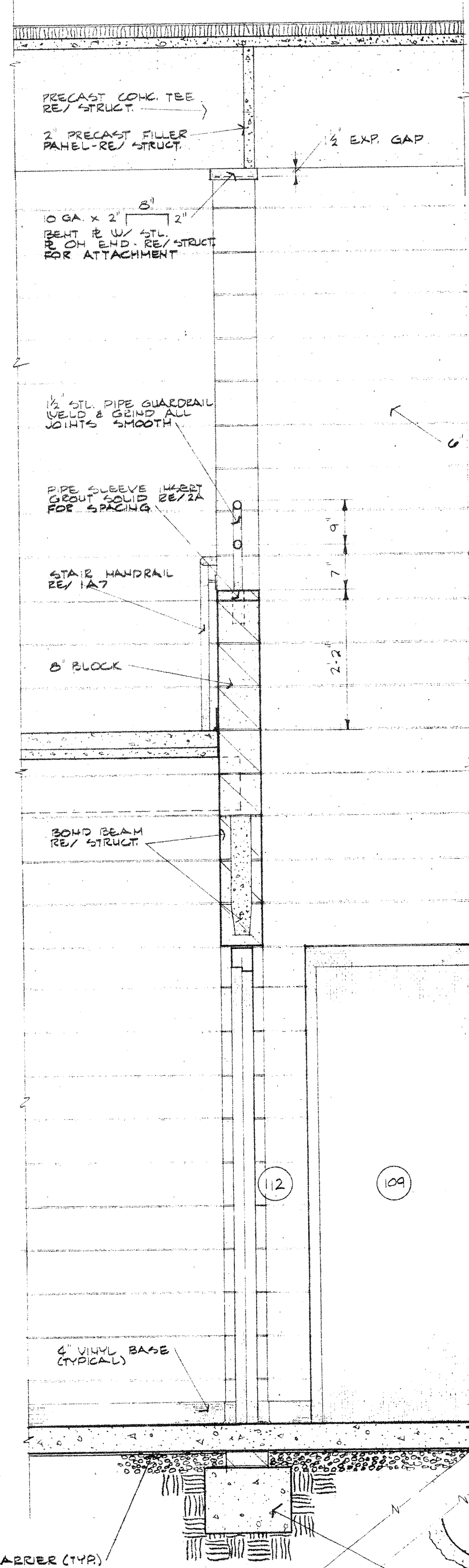
1 BUILDING SECTION
A4 SCALE: 1/4" = 1'-0" RB/IA2



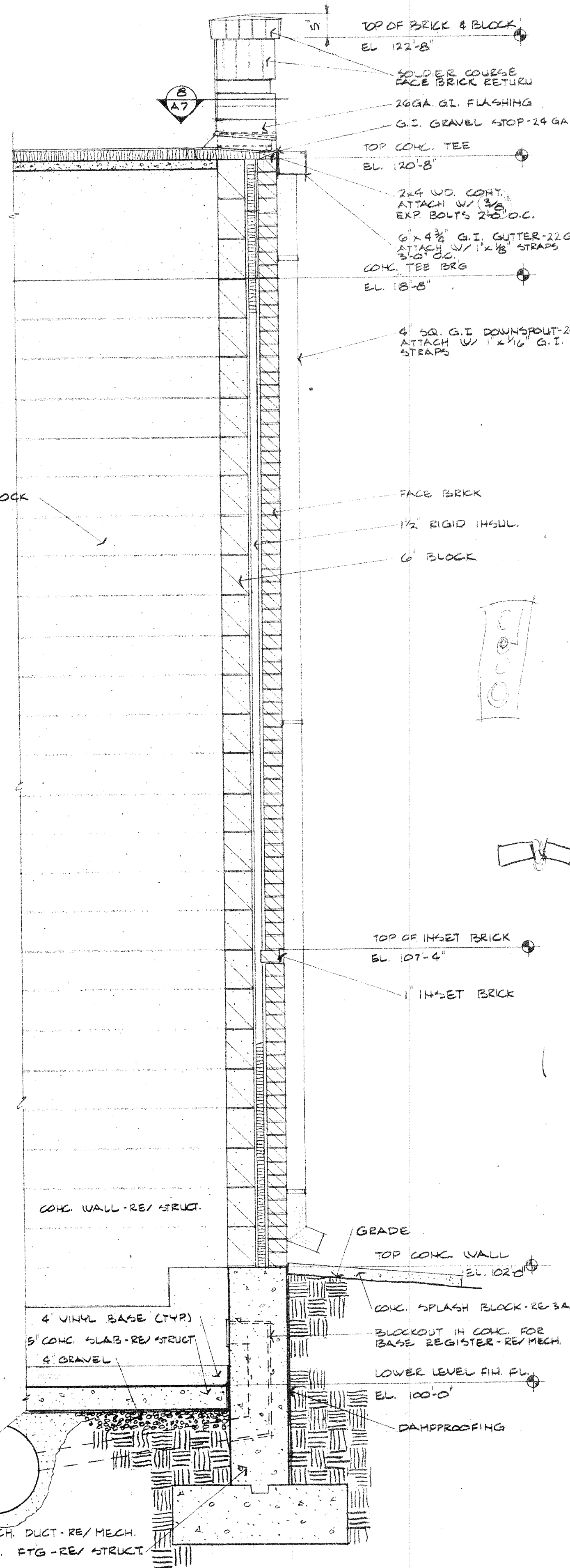
2 BUILDING SECTION
A4 SCALE: 1/4" = 1'-0" RB/IA2



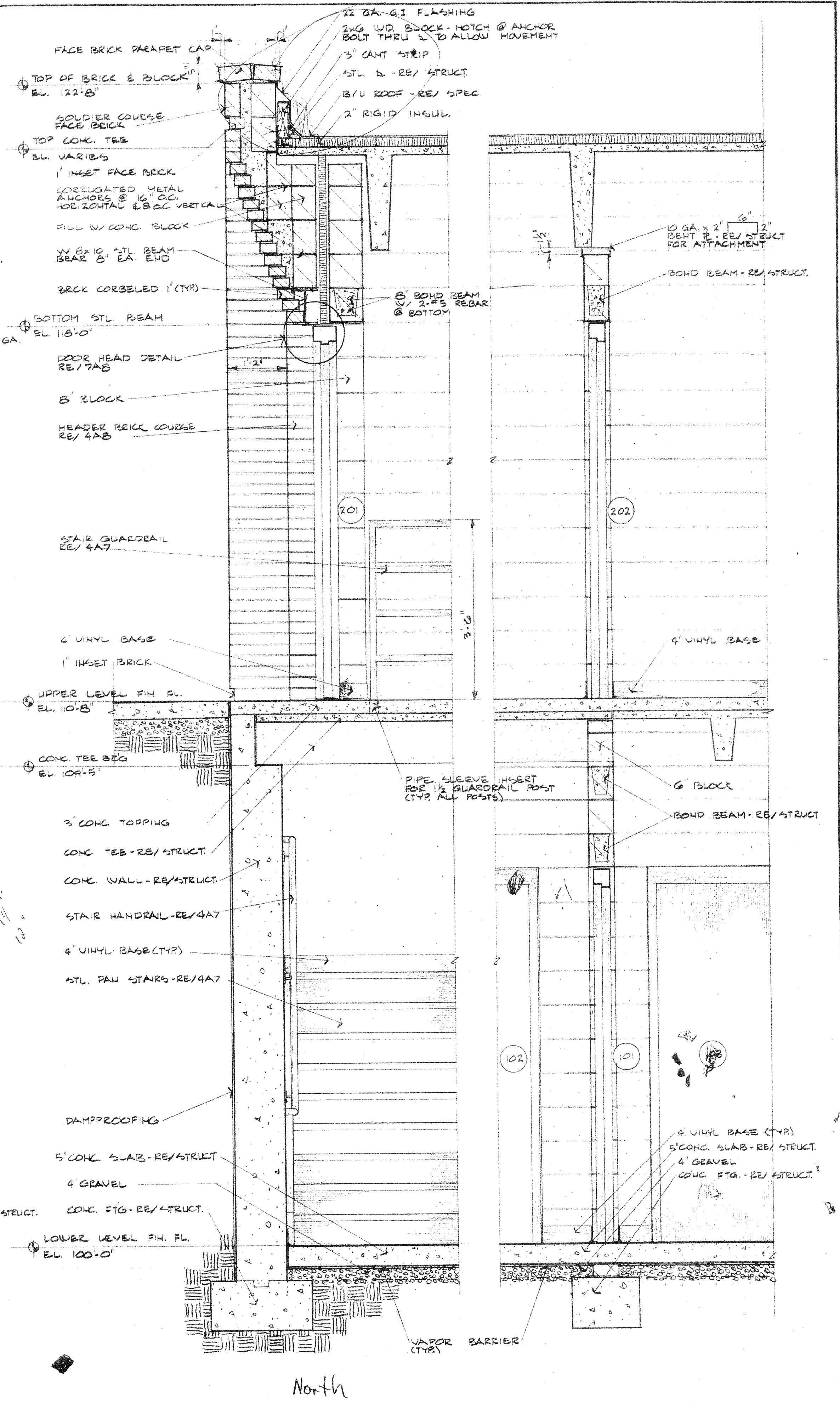
① WALL SECTION
A5 SCALE: 3/8" = 1'-0" RE/1A2
105X



② WALL SECTION
A5 SCALE: 3/8" = 1'-0" RE/1A2

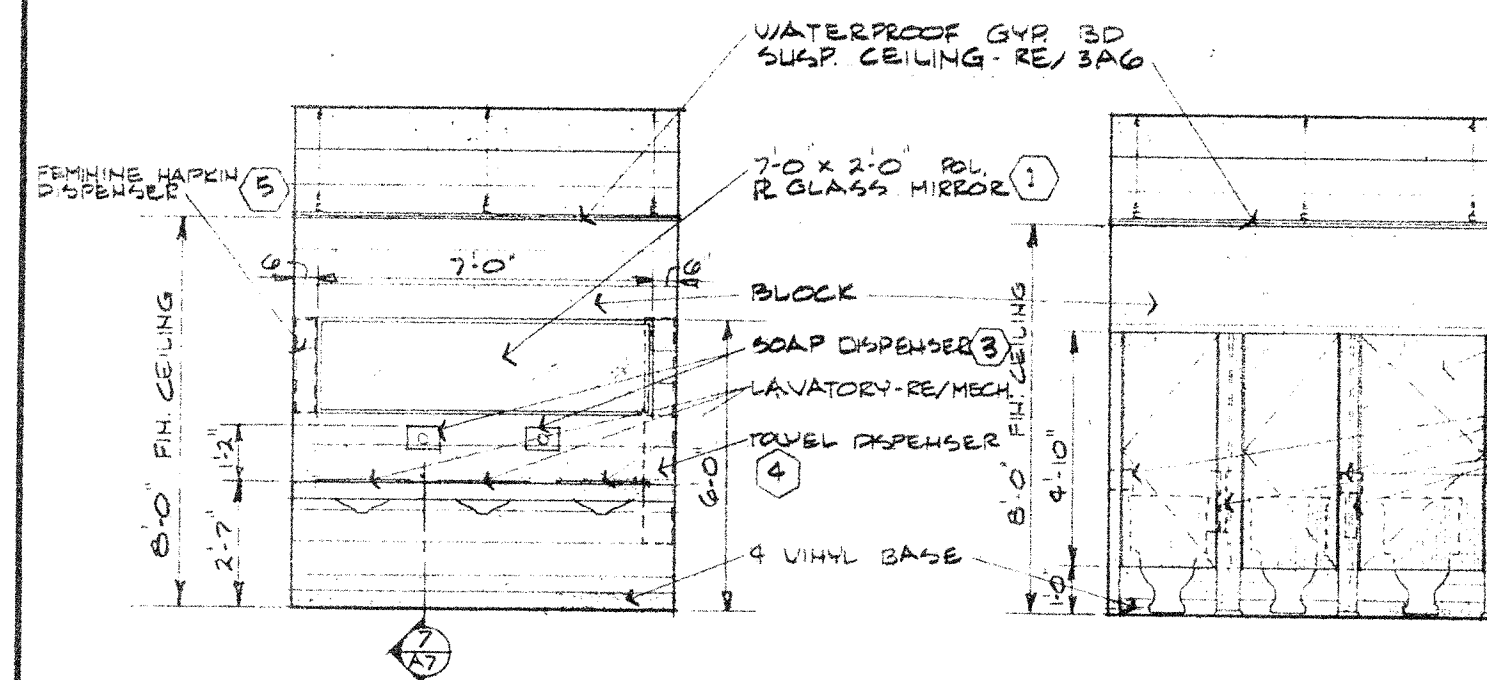


③ WALL SECTION
A5 SCALE: 3/8" = 1'-0" RE/1A2
West



④ WALL SECTION
A5 SCALE: 3/8" = 1'-0" RE/1A2
North

⑤ WALL SECTION
A5 SCALE: 3/8" = 1'-0" RE/1A2

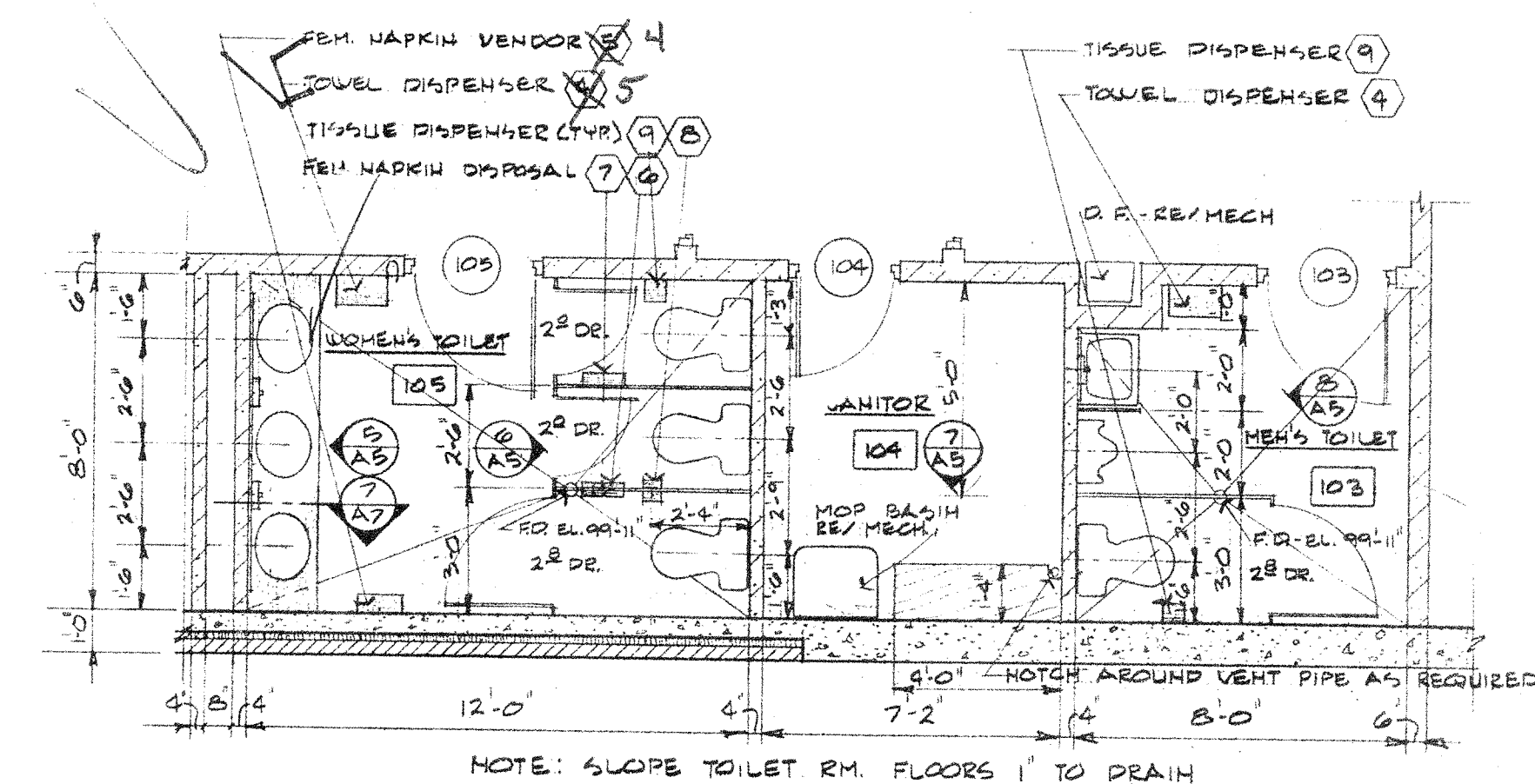


5 SOUTH ELEV. RM. 105
A.G. SCALE: 1/4" = 1'-0" RE/ 1A.G.

6 NORTH ELEV. RM. 105
A.G. SCALE: 1/4" = 1'-0" RE/ 1A.G.

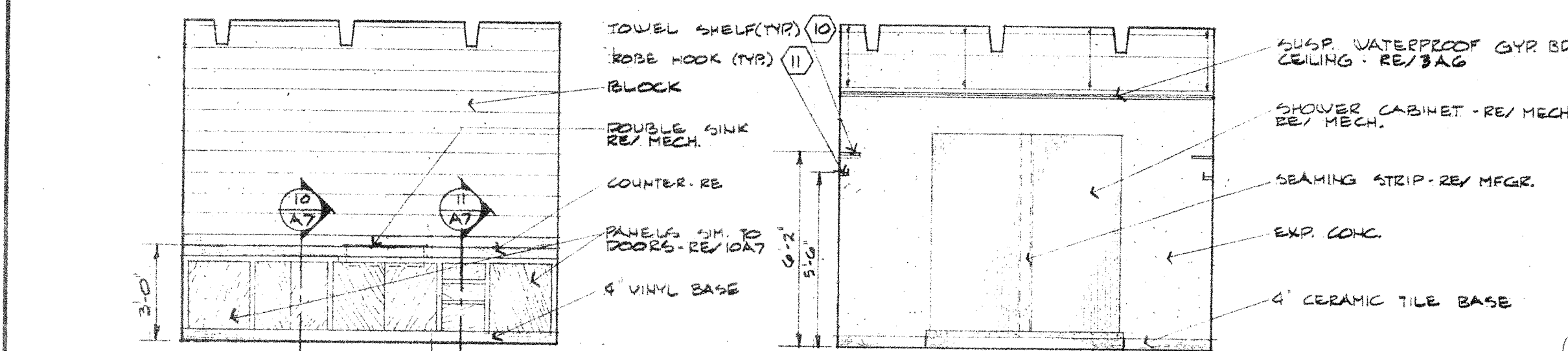
7 EAST ELEV. RM. 104
A.G. SCALE: 1/4" = 1'-0" RE/ 1A.G.

8 SOUTH ELEV. RM. 103
A.G. SCALE: 1/4" = 1'-0" RE/ 1A.G.



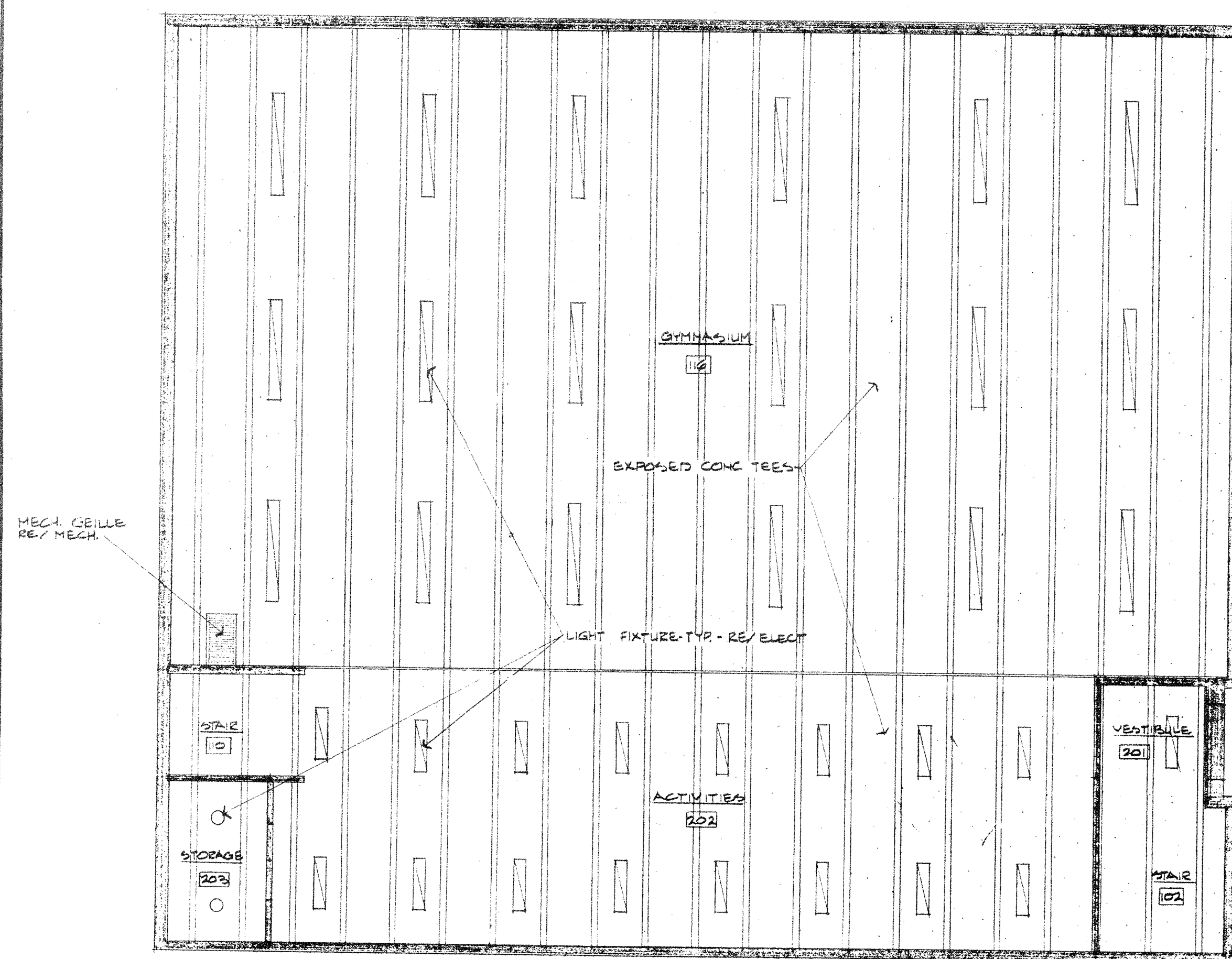
1 TOILET & JANITOR RM. FLOOR PLANS
A.G. SCALE: 1/4" = 1'-0" RE/ 1A.2

SYMBOL	QTY.	DESCRIPTION
1	1	BOBICK B-165 84x24 POL. R. GLASS MIRROR W/ S.S. C. FRAME
2	1	BOBICK B-165 18x24
3	3	BOBICK B-12 SOAP DISPENSER
4	2	BOBICK B-3949 SURFACE MOUNTED PAPER TOWEL DISPENSER
5	1	BOBICK B-2502 SURFACE MOUNTED FEM. NAPKIN-TAMPON VENDOR
6	1	BOBICK B-354 NAPKIN DISPOSAL FOR 2 COMPARTMENTS
7	1	BOBICK B-270 SURFACE MOUNTED FEM. NAPKIN DISPOSAL
8	1	BOBICK B-386 PARTITION MOUNTED TOILET TISSUE DISPENSER
9	2	BOBICK B-288 SURFACE MOUNTED
10	2	BOBICK B-6757 TOWEL SHELF
11	2	BOBICK B-6727 DOUBLE ROSE HOOK
12	1	BOBICK B-223 MOP & BROOM HOLDER
13	1 PR.	CHAPEL VOGT 87 AND 36 LG. STANDARDS W/ 87 16" BRACKETS

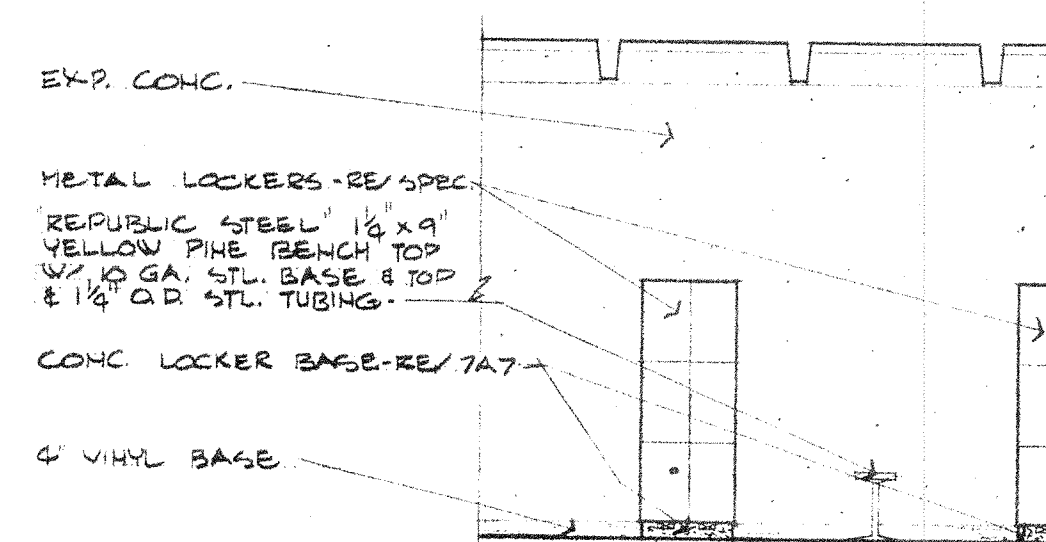


9 EAST ELEV. RM. 112
A.G. SCALE: 1/4" = 1'-0" RE/ 2A.G.

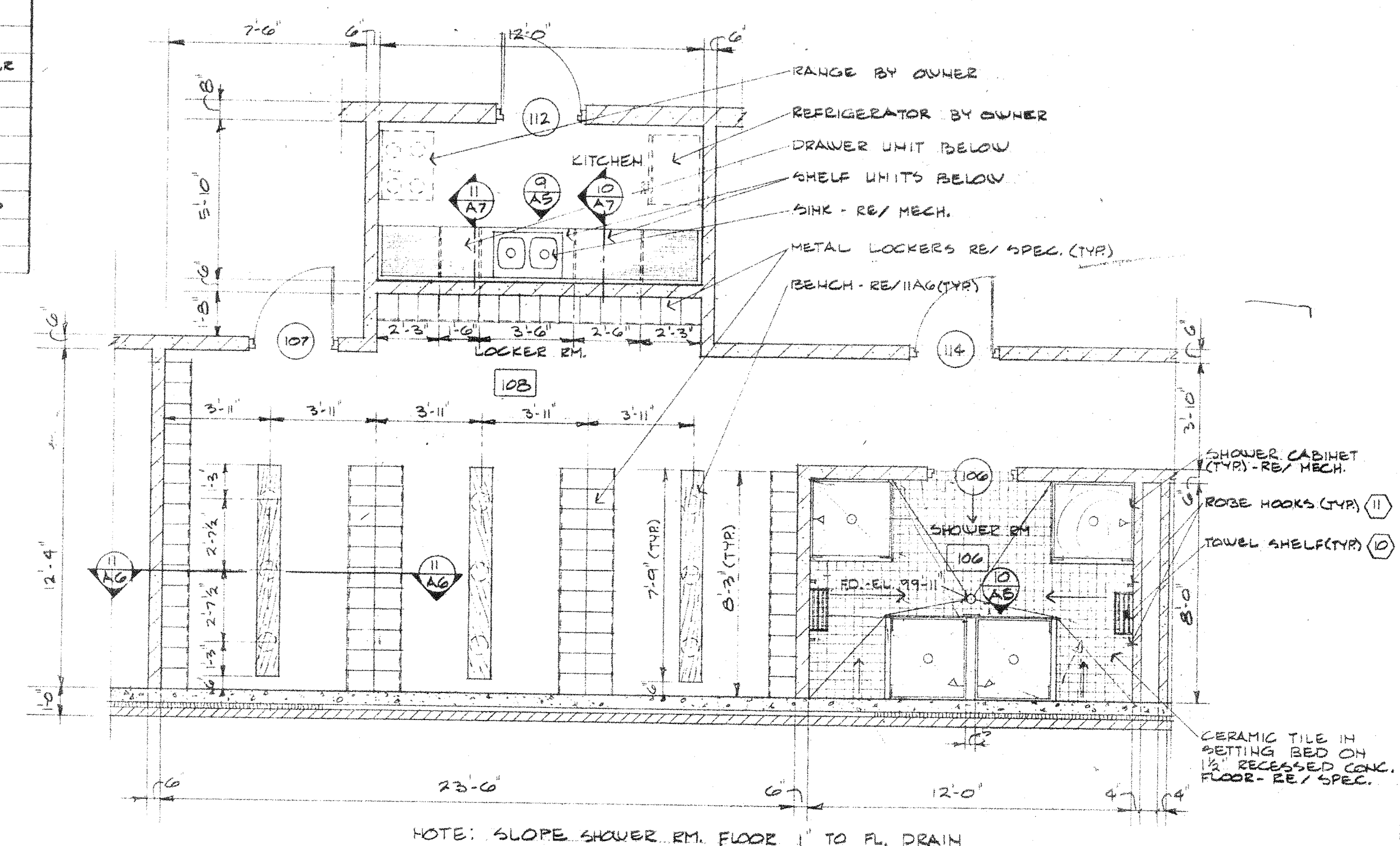
10 EAST ELEV. RM. 106
A.G. SCALE: 1/4" = 1'-0" RE/ 2A.G.



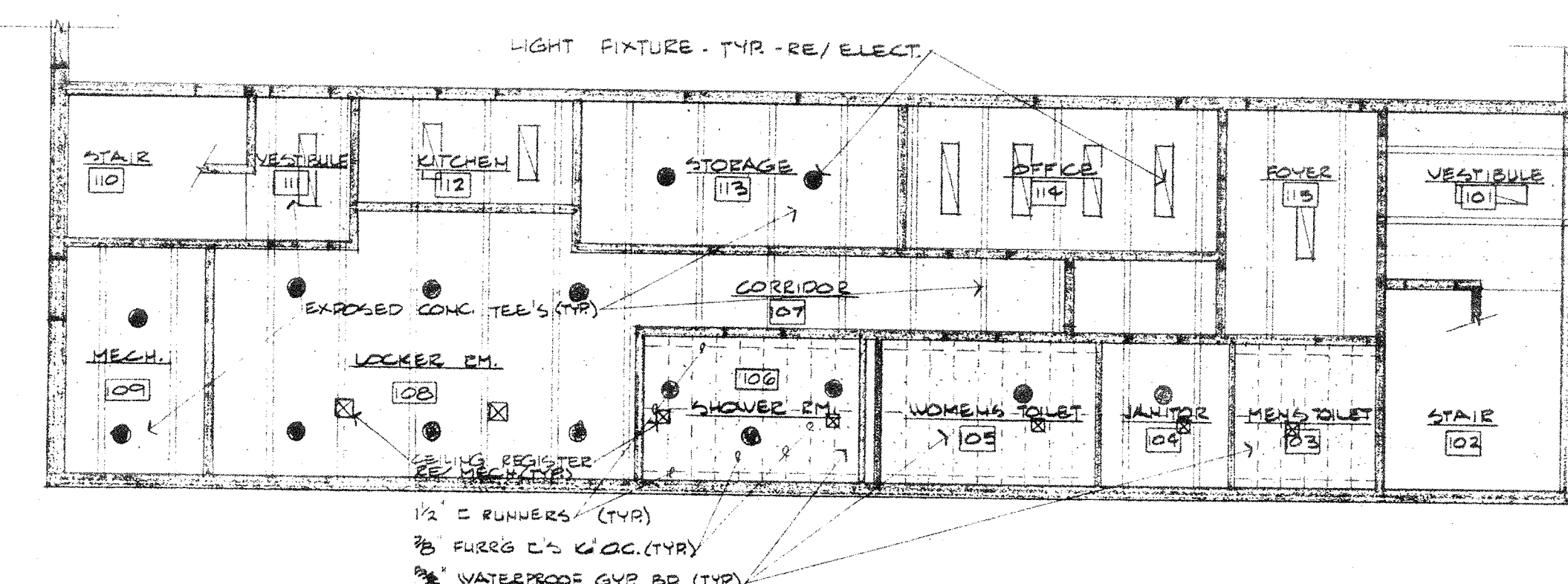
4 GYMNASIUM & UPPER LEVEL REFLECTED CEILING PLAN
A.G. SCALE: 1/8" = 1'-0"



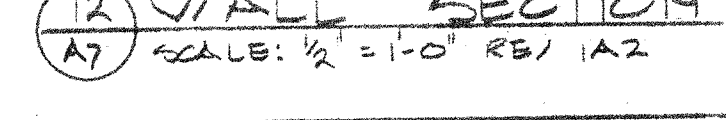
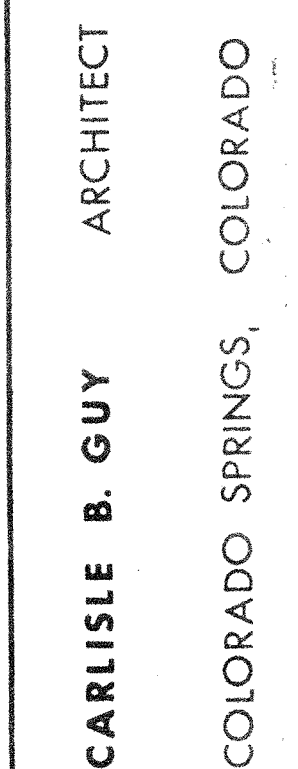
11 PARTIAL EAST ELEV. RM. 108
A.G. SCALE: 1/4" = 1'-0" RE/ 2A.G.



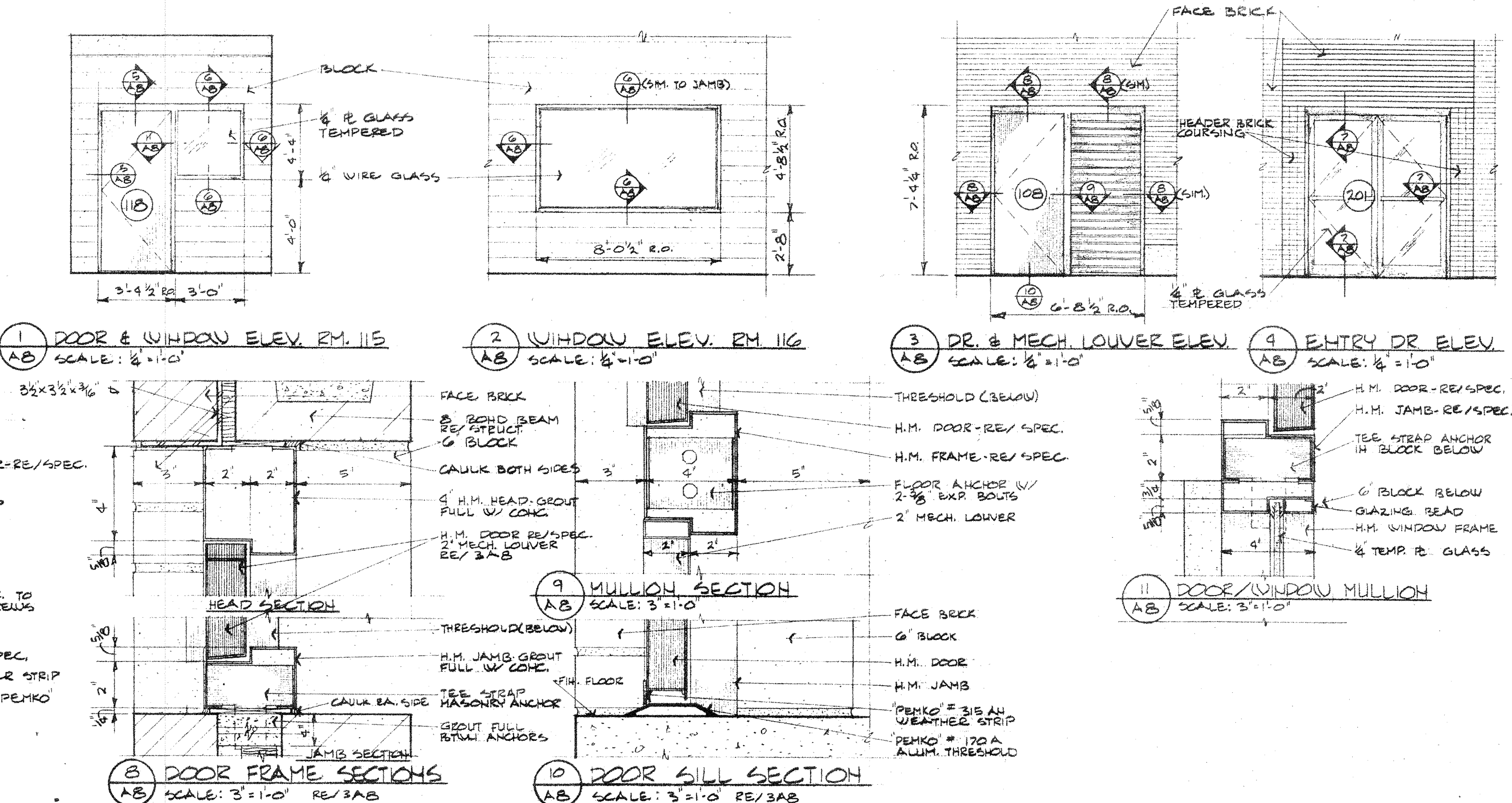
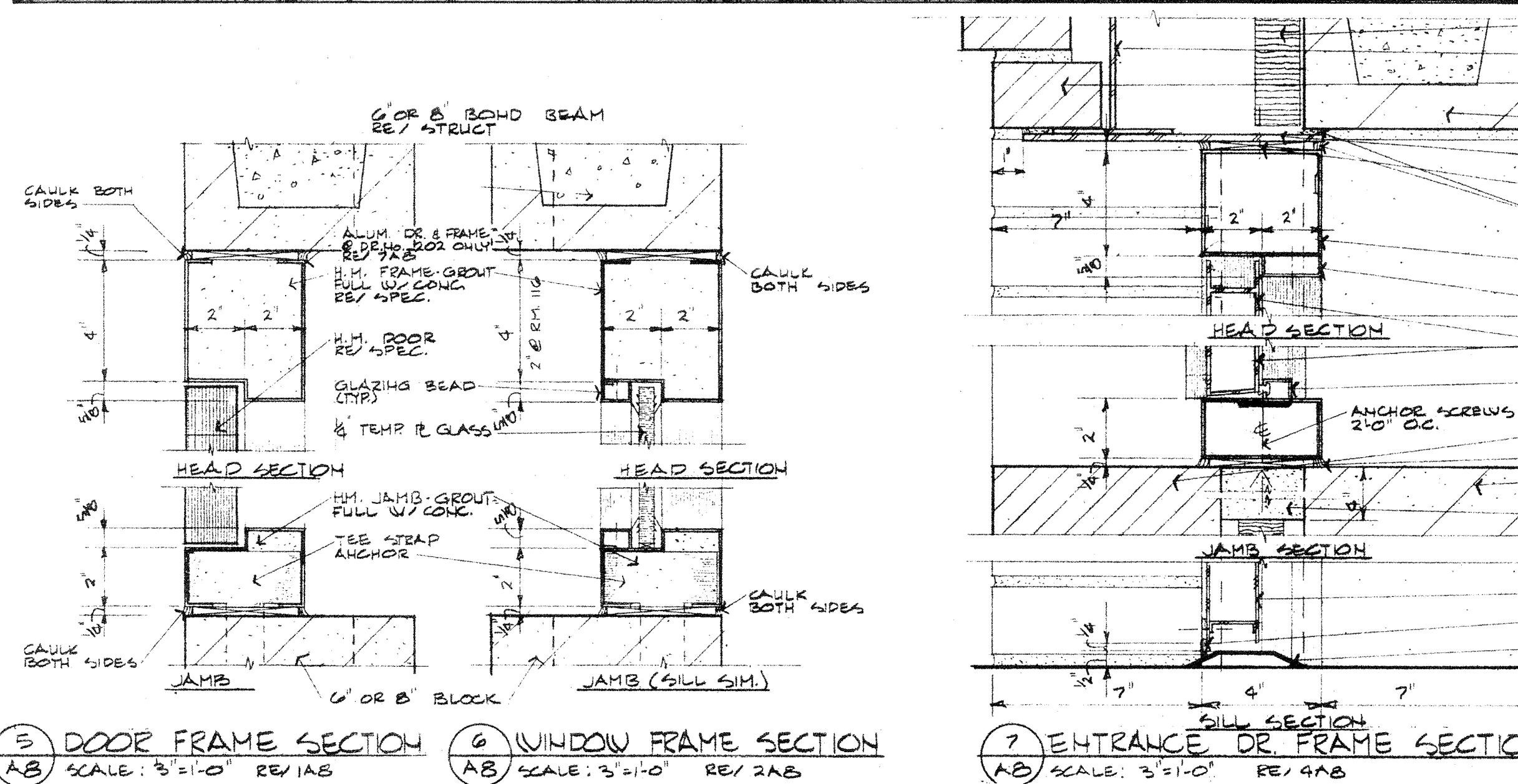
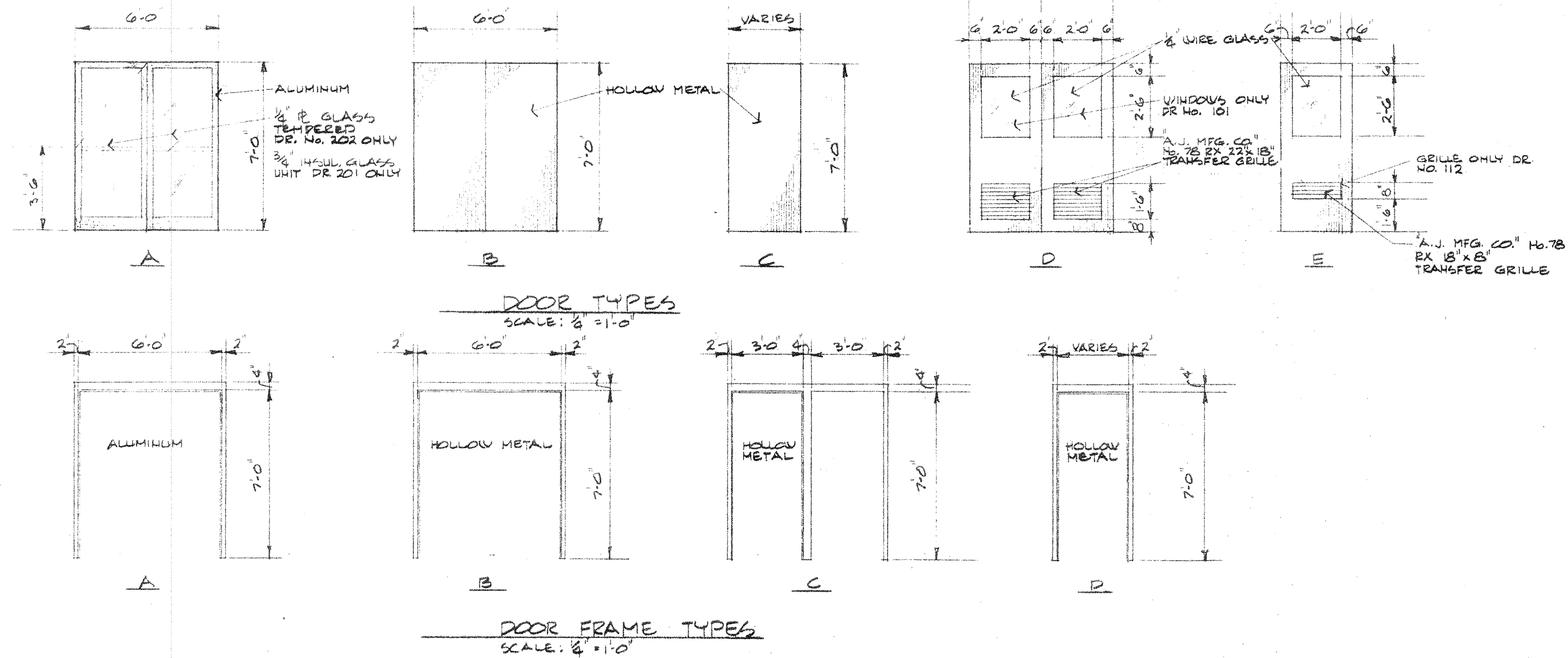
2 SHOWER & LOCKER RM. & KITCHEN FLOOR PLANS
A.G. SCALE: 1/4" = 1'-0" RE/ 1A.2



3 LOWER LEVEL REFLECTED CEILING PLAN
A.G. SCALE: 1/8" = 1'-0"



DOOR SCHEDULE													
MARK	SIZE			TYPE	DOOR MAT'L	DOOR FINISH	LABEL	FRAME TYPE	FRAME MAT'L	FRAME FINISH	FRAME		
	WIDTH	HEIGHT	TH.								HEAD	JAMB	SILL
101	2'-3"	7'	1 3/4"	D	H.M.	PAINT	-	B	H.M.	PAINT	SAB	SAB	-
102 X	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
103	3'-0"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
104 X	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
105	3'-0"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
106	3'-0"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
107 X	3'-0"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
108	3'-0"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
109	3'-0"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
110 X	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
111	3'-0"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
112	3'-0"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
113 X	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
114 X	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
115 X	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
116 X	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
117 X	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
118 X	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
119	2'-3"	7'	1 3/4"	C	H.M.	PAINT	-	D	H.M.	PAINT	-	-	-
201	2'-3"	7'	1 3/4"	A	ALUM.	ANODIZED	-	A	ALUM.	ANODIZED	7AS	7AS	7AS
202	2'-3"	7'	1 3/4"	A	ALUM.	ANODIZED	-	A	ALUM.	ANODIZED	7AS	7AS	7AS
203 X	2'-3"	7'	1 3/4"	B	H.M.	PAINT	-	B	H.M.	PAINT	SAB	SAB	-



ROOM FINISH SCHEDULE																												NOTE: E. PAINT = EPOXY PAINT					
FLOOR	ROOM NO.	ROOM NAME	CEILING				FLOOR			BASE			NORTH WALL			EAST WALL			SOUTH WALL			WEST WALL			WAINSCOT			COLUMN			REMARKS		
			HEIGHT	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR	MAT'L	FINISH	COLOR			
1ST FLOOR	101	VESTIBULE	STRUCT.	STRUCT.	PAINT				VAT.	FAC.		VINYL	FAC.		CONC.	PAINT		-	-		BLOCK	PAINT		BLOCK	PAINT								
	102	STAIRS	"	"	"				RUBBER	VAT.	FAC.	"	"		BLOCK	CONC.		CONC.	PAINT		"	"		-	-								
	103	MEN'S TOILET	8'-0"	W.P.G.P.R.D.	E. PAINT				VAT.	FAC.		"	"		BLOCK	E. PAINT		CONC.	E. PAINT		"	E. PAINT		BLOCK	EPAINT								
	104	JANITOR	STRUCT.	STRUCT.	"				"	FAC.		"	"		"	"		"	"		BLOCK	"		"	"								
	105	WOMEN'S TOILET	8'-0"	W.P.G.P.R.D.	"				"	"		"	"		"	"		"	"		"	"		"	"								
	106	SHOWERS	"	"	"				CERAMIC	FAC.		CERAMIC	"		"	"		"	"		"	"		"	"								
	107	CORRIDOR	STRUCT.	STRUCT.	PAINT				VAT.	"		VINYL	"		BLOCK	PAINT		BLOCK	PAINT		-	-		"	"								
	108	LOCKERS	"	"	"				"	"		"	"		BLOCK	PAINT		CONC.	"		BLOCK	PAINT		"	PAINT								
	109	MECH.	"	"	-				CONC.	SEALER		"	"		"	"		"	"		"	"		"	"								
	110	STAIRS	"	"	PAINT				RUBBER	VAT.	FAC.	VINYL	FAC.		-	-		BLOCK	"		"	"		"	"								
	111	VESTIBULE	"	"	"				VAT.	FAC.		"	"		BLOCK	PAINT		"	"		"	"		"	"								
	112	KITCHEN	"	"	E. PAINT				"	"		"	"		"	E. PAINT		"	E. PAINT		"	E. PAINT		"	E. PAINT								
113	STORAGE	"	"	-				CONC. X	SEALER		"	"		"	PAINT		"	PAINT		"	PAINT		"	PAINT									
114	OFFICE	"	"	PAINT				VAT.	FAC		"	"		"	"		"	"		"	"		"	"									
115	FOYER	"	"	"				"	"		"	"		"	"		"	"		"	"		"	"									
116	GYMNASIUM	"	"	"				VAT.	FAC.		"	"		BLOCK	CONC.	"	BLOCK	CONC.	"	BLOCK	CONC.	"	BLOCK	CONC.	"								
117	CLOSET	"	"	-				CONC. X	SEALER		-	-		BLOCK	-		BLOCK	-		-	-		BLOCK	-									
118	CLOSET	"	"	-				"	X		-	-		"	-		"	-		BLOCK	-		"	-									
2ND FLOOR	201	VESTIBULE	STRUCT.	STRUCT.	PAINT				VAT.	FAC.		VINYL	FAC.		BLOCK	PAINT		BLOCK	PAINT		BLOCK	PAINT		BLOCK	PAINT								
	202	ACTIVITIES	"	"	"				"	"		"	"		"	"		"	"		"	"		-	-								
	203	STORAGE	"	"	-				CONC. X	SEALER		"	"		"	"		"	"		"	"		BLOCK	PAINT								

COLORADO SPRINGS, COLORADO

ARCHITECT

CARLISLE B. GUY

DOOR SCHEDULE & DOOR & WINDOW DETAILS

BEHET HILL ACADEMY GYMNASIUM

COLORADO SPRINGS, COLORADO

100 COLORADO B-275 - SALE

CARLISLE B. GUY ARCHITECT

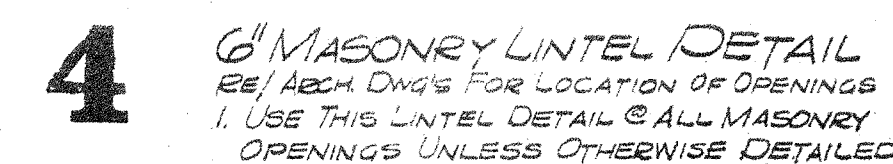
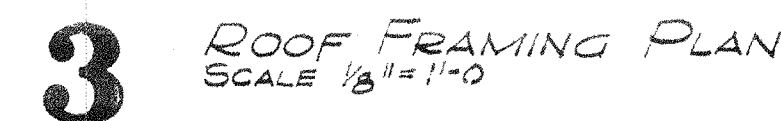
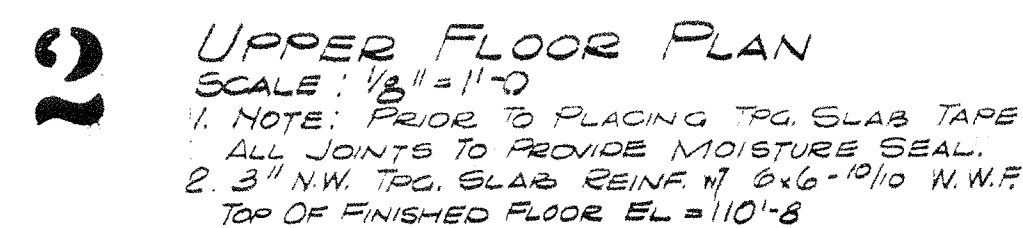
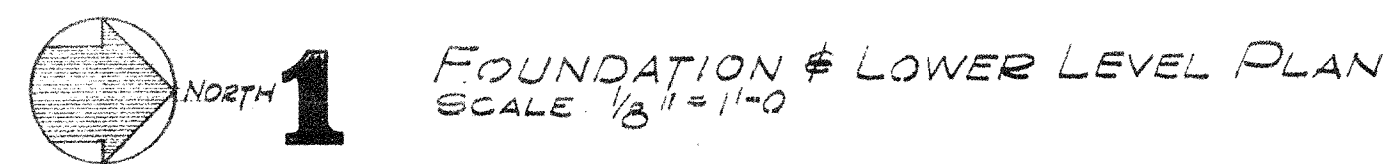
COLORADO SPRINGS, CO. 80901

DRAWN BY C.G.W.

CHECKED BY T.L.

DATE 2-27-75

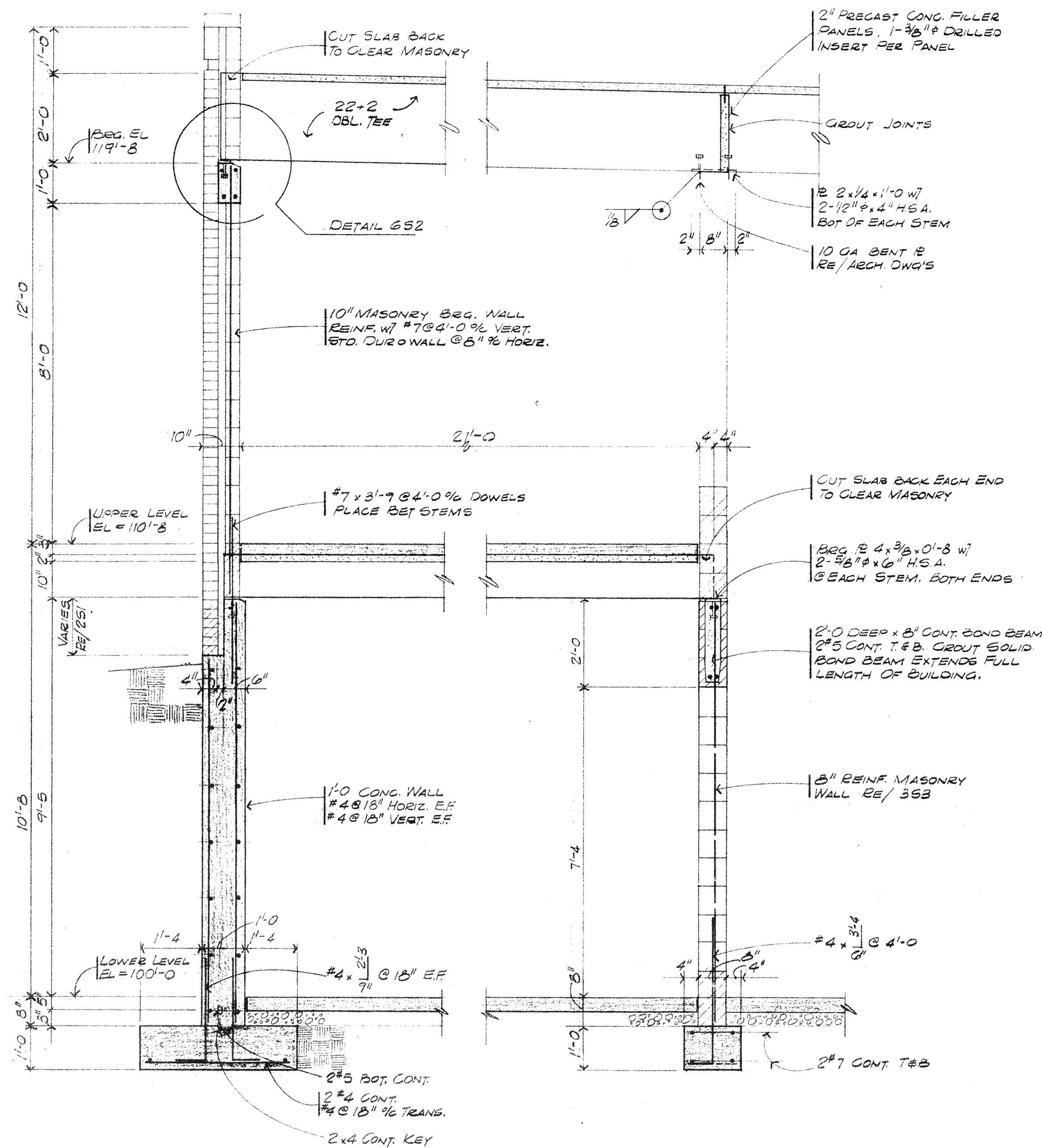
SHEET 18



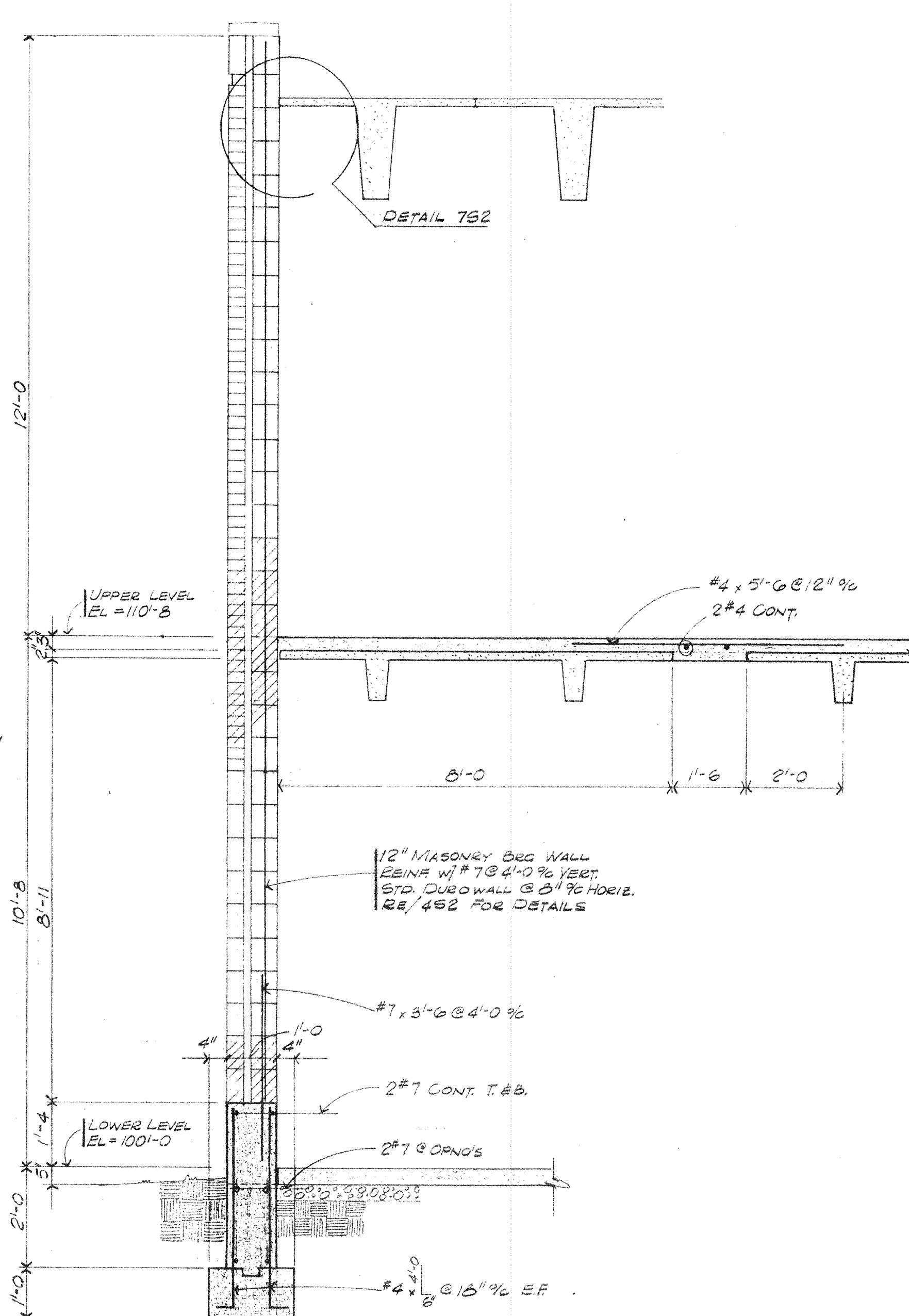
- # GENERAL NOTES
1. LIVE LOADS USED IN DESIGN :
 - A. GOOD ----- 3000sf (SHOWN)
 - B. POOR LEVEL ----- 1000psf
 2. CONCRETE
 - A. ALL CONCRETE SHALL BE MADE WITH STONE AGGREGATE AND SHALL DEVELOP 3000.0SI COMPRESSIVE STRENGTH IN 28 DAYS. 2"x2" DOUBLE TEES SHALL BE MADE WITH SQUEEZED LOCALITY (110.0CF MAX.) AND SHALL DEVELOP 5000.0PSI COMPRESSIVE STRENGTH IN 28 DAYS. 10"x2" DBL TEES SHALL BE 5000.0SI STONE.
 - B. PRECAST, PRESTRESSED CONCRETE MEMBERS SHALL CONTAIN 3000 PSI COMPRESSIVE STRENGTH PRIOR TO RELEASE OF PRESTRESSING FORCE.
 - C. 28 DAY STRENGTH TO BE 5000 PSI.
 - C. PRESTRESSING STEEL TO BE TYPE 270K 7 WIRE STEELS BELIEVED STRAND CONFORMING TO TEST DESIGNATION ASTM A416.
 - D. ALL REINFORCING SHALL BE HIGH STRENGTH DEFORMED BARS (GRADE 60 ASTM A615-65) WITH 60,000 PSI MINIMUM YIELD POINT.
 - E. CORROSION PROTECTION
 - 1. CONCRETE POLISHED AGAINST EARTH ----- 3"
 - 2. CONCRETE POLISHED IN FORMS NOT EXPOSED TO WEATHER OR EARTH :
 - a. IF BARS ARE LARGER THAN #5 ----- 2"
 - b. IF BARS ARE #5 OR SMALLER ----- 1 1/2"
 - 3. SLABS AND WALLS ----- 3/4"
 - 4. PRESTRESSED CONCRETE MEMBERS ----- 1 1/2"
 - F. BAR LENGTHS SHALL BE MADE TO SCALE UNLESS NOTED. NO SOLICIT OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR AUTHORIZED BY THE STRUCTURAL ENGINEER. LAP SOLICES, WHERE PERMITTED, SHALL BE A MINIMUM OF 36 BAR DIAMETERS. MAKE ALL BARS CONTINUOUS AROUND CORNERS.
 - G. DETAIL BARS IN ACCORDANCE WITH A.C.I. DETAILING MANUAL AND A.C.I. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, LATEST EDITIONS.
 - H. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING AT SECTIONS SHOWN ON THE RANS.
 - I. PLACE 2-#5 (1 EACH FACE) WITH 2' O PROJECTION AROUND ALL OPENINGS IN CONCRETE.
 - K. SLABS AND BEAMS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE. ANY STOP IN CONCRETE WORK MUST BE MADE AT CENTRE OF SPAN WITH VERTICAL BULKHEADS AND ORIENTAL KEYS. UNLESS OTHERWISE SHOWN, ALL CONSTRUCTION JOINTS SHALL BE AS DETAILED OR AS APPROVED BY THE ARCHITECT.
 3. CONTINUOUS TOP AND BOTTOM BARS IN WALLS, BEAMS AND GRADE BEAMS SHALL BE SOLICED AS FOLLOWS :
 - 1. TOP BARS - AT MIDSPAN
 - 2. BOTTOM BARS - OVER SUPPORT
 4. ALL STIRRUPS SHALL HAVE 2-#3 SPACERS FOR LENGTH OF STIRRUP SPACING.
 5. WIRE MESH REINFORCEMENT MUST LAP ONE FULL MESH AT SIDE AND END CORNERS, AND SHALL BE WELDED TOGETHER.
 6. STEEL
 - A. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A36.
 - B. STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH LATEST PROVISIONS OF A.I.S.C. MANUAL OF STEEL CONSTRUCTION.
 7. MASONRY
 - A. ALL REINFORCING IN MASONRY WALLS SHALL BE FULLY CROUTED IN PLACE.
 - B. FILL ALL VOIDS AND SHOW BELOW SOLIDITY WITH MORTAR FOR A MINIMUM OF 2" BENEATH AND 1" EACH SIDE OF ALL BEAM REACTIONS OR OTHER CONCENTRATED LOADS.
 8. FOUNDATIONS
 - TOTAL LOAD SOIL BEARING CAPACITY USED IN DESIGN : 3500 PSF
 - SOIL REPORT PREPARED BY CHEN AND ASSOCIATES, REPORT NO. 11492 DATED OCTOBER 10, 1974.
 9. ALL DIMENSIONS ON STRUCTURAL DRAWINGS SHALL BE CHECKED AGAINST THE TEST REPORT.
 10. ARCHITECTS APPROVAL MUST BE SECURED FOR ALL SUBSTITUTIONS.
 11. DO NOT PLACE BACKFILL AGAINST WALLS UNTIL MASONRY, FIRST FLOOR AND ROOF ARE IN PLACE.
 12. VERIFY ALL OPENINGS THROUGH FLOORS AND WALLS WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
 13. EXPLANATION OF SECTION DIAGRAM USED :

2
54

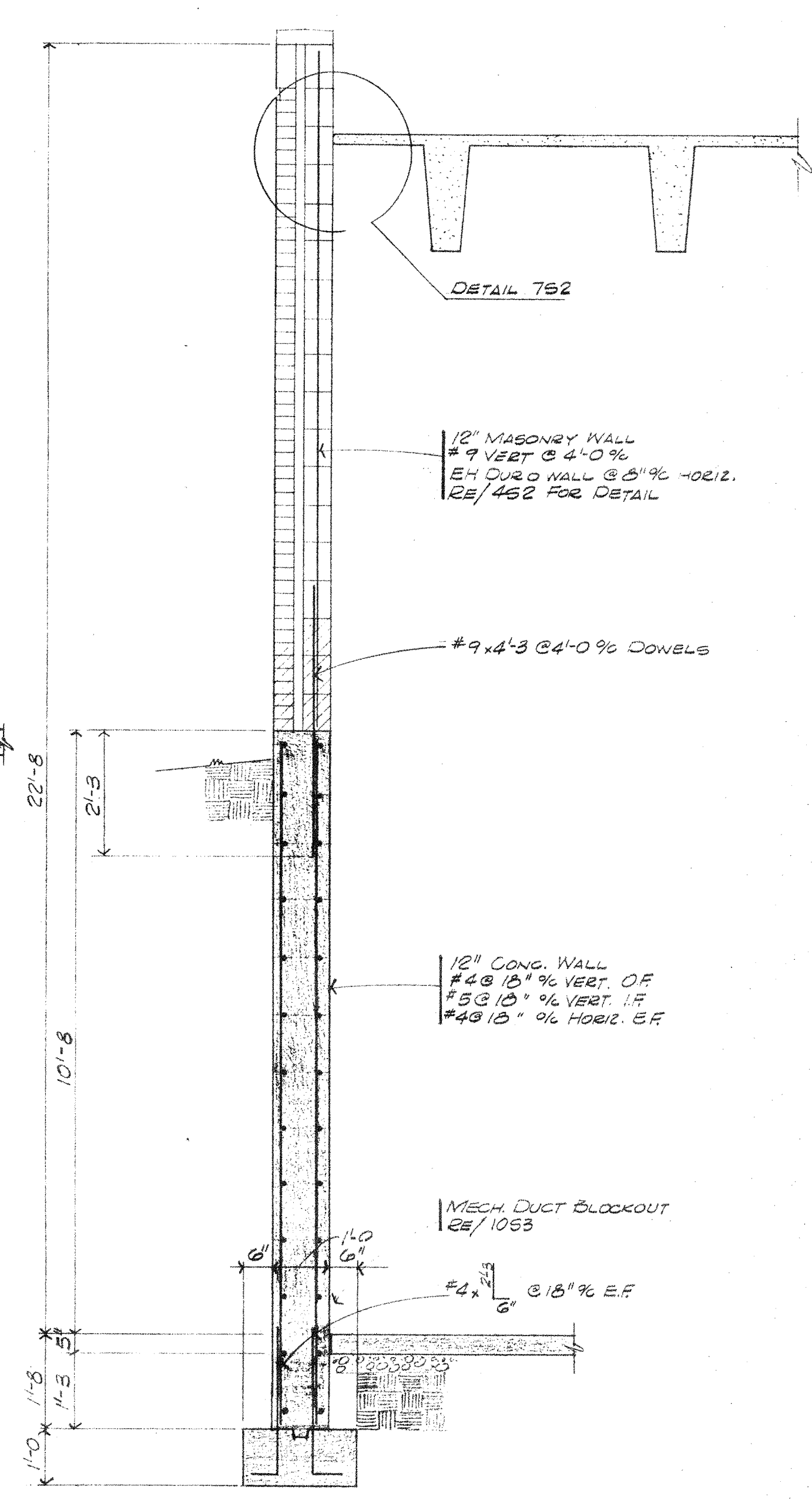
 SECTION
SHEET WHERE SHOWN



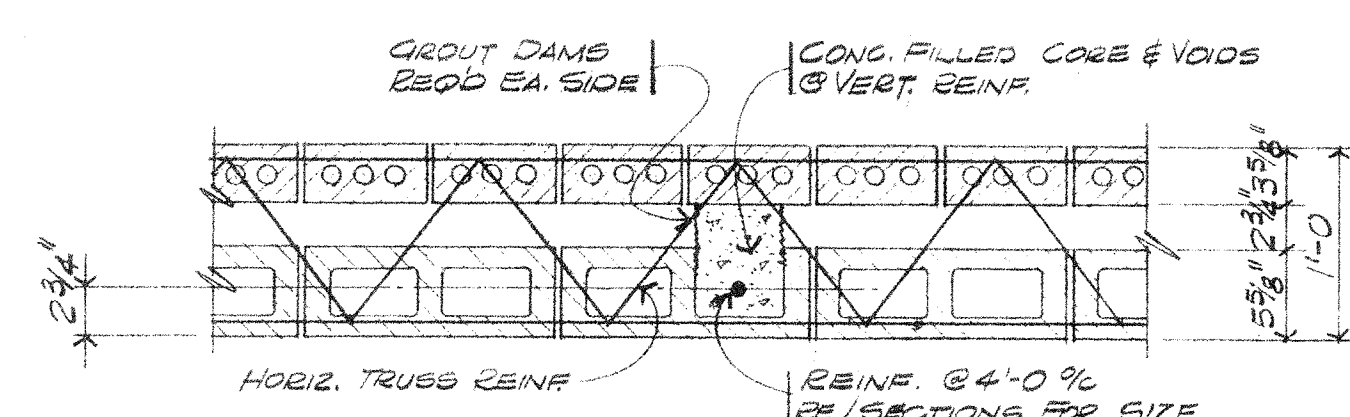
1 SECTION
SCALE 1/2" = 1'-0"
RE/151, 251



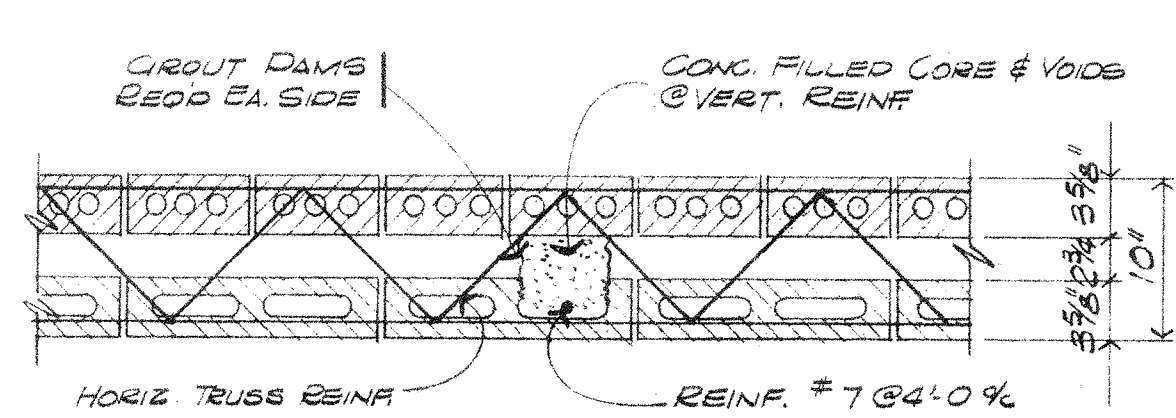
2 SECTION
SCALE 1/2" = 1'-0"
RE/151, 251, 351



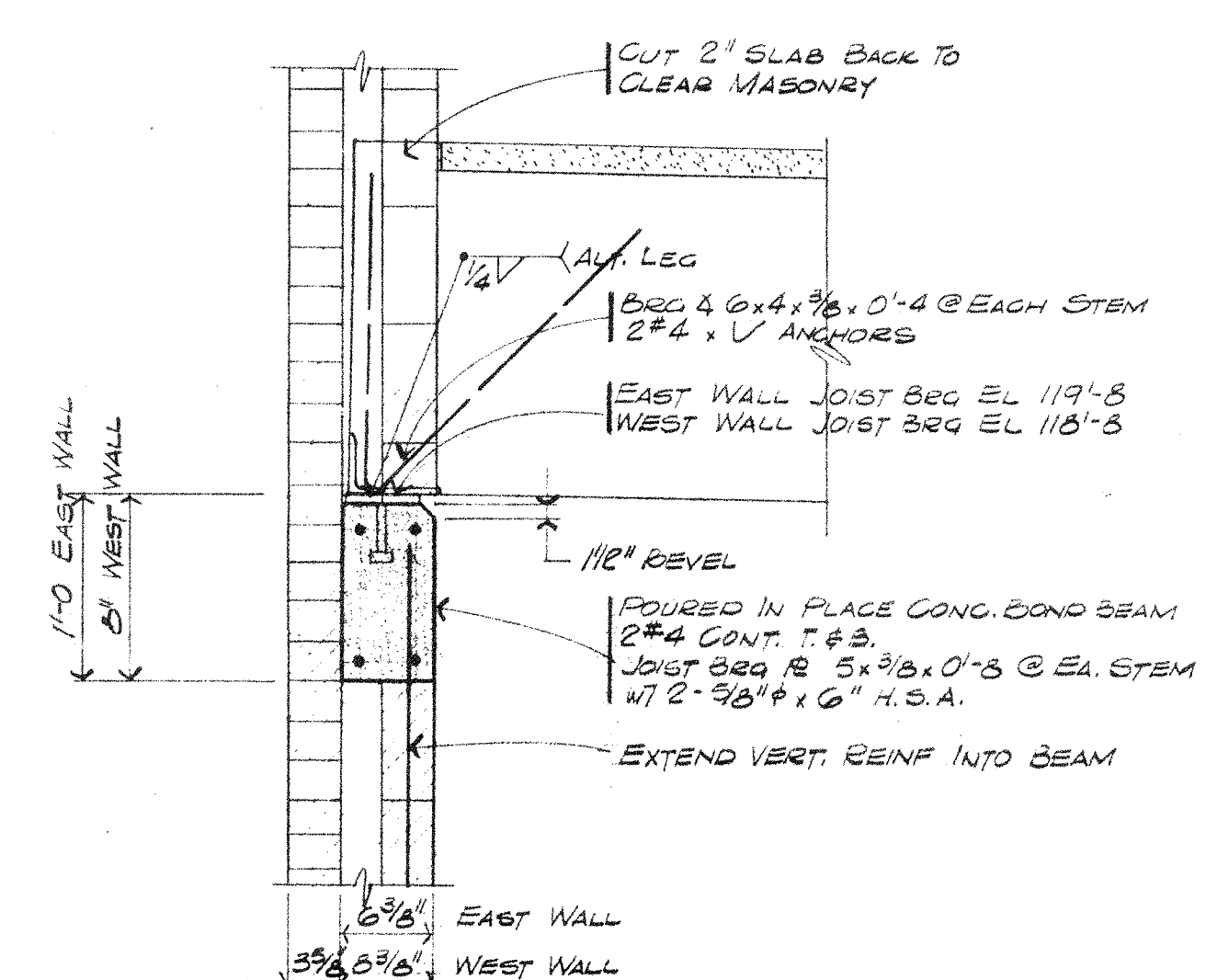
3 SECTION
SCALE 1/2" = 1'-0"



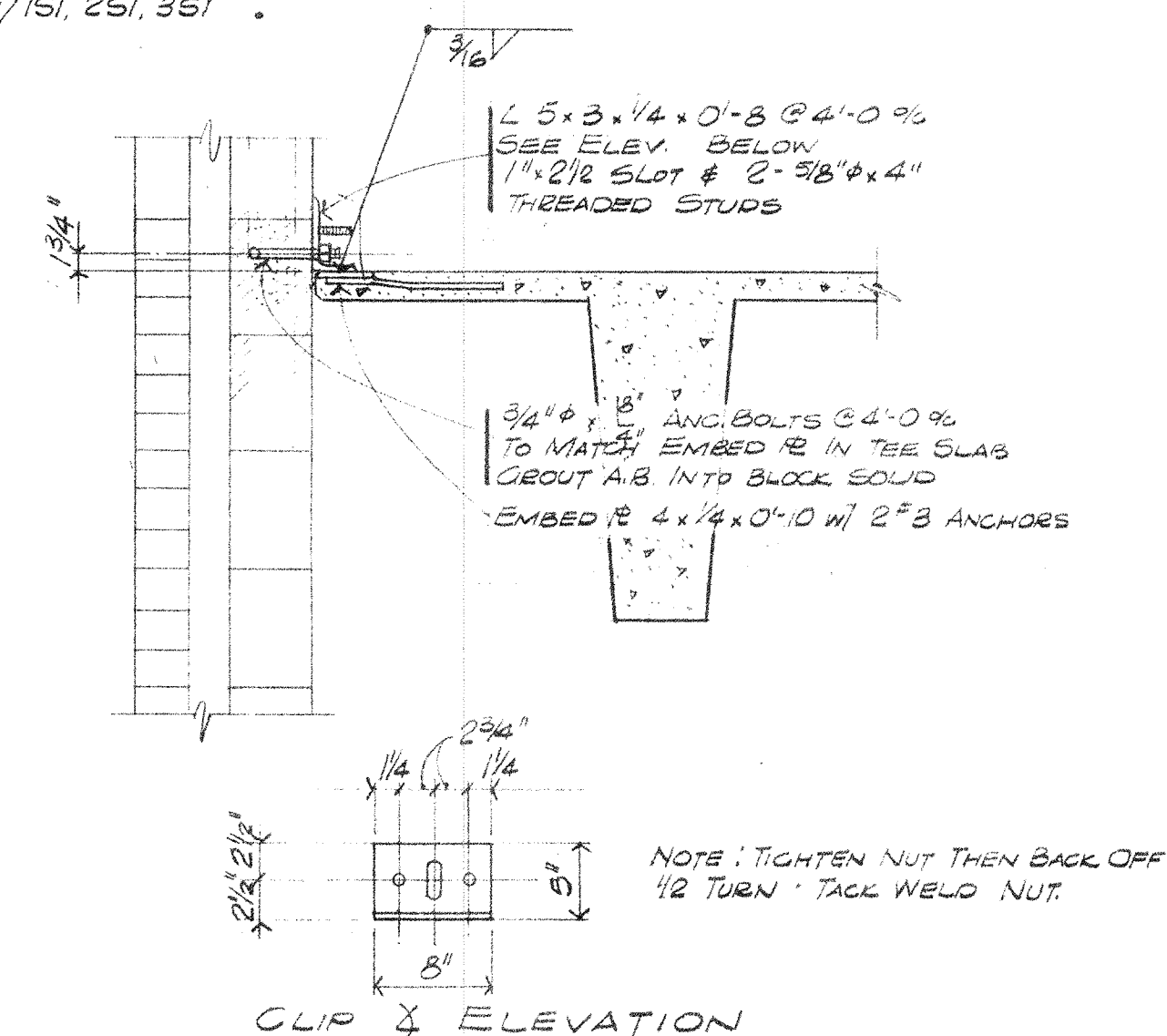
4 12" REINF CAVITY WALL
SCALE 1" = 1'-0"
RE/252, 352, 153



5 10" REINF CAVITY WALL
SCALE 1" = 1'-0"
RE/152



6 DETAIL
SCALE 1" = 1'-0"

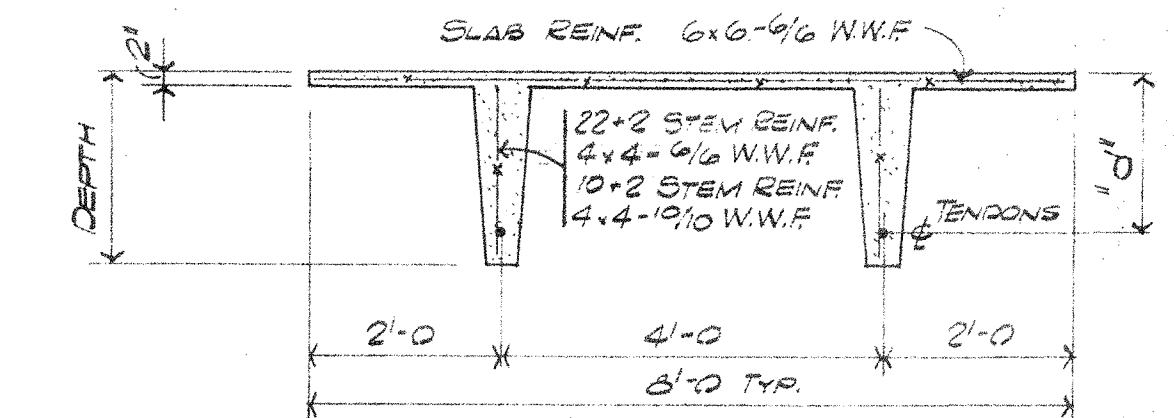


7 DETAIL
SCALE 1" = 1'-0"
NOTE: COORDINATE LOCATION OF
R. & S. BOLTS, EST. DBL. TEE DL
CAMBER = 2 3/8" UP

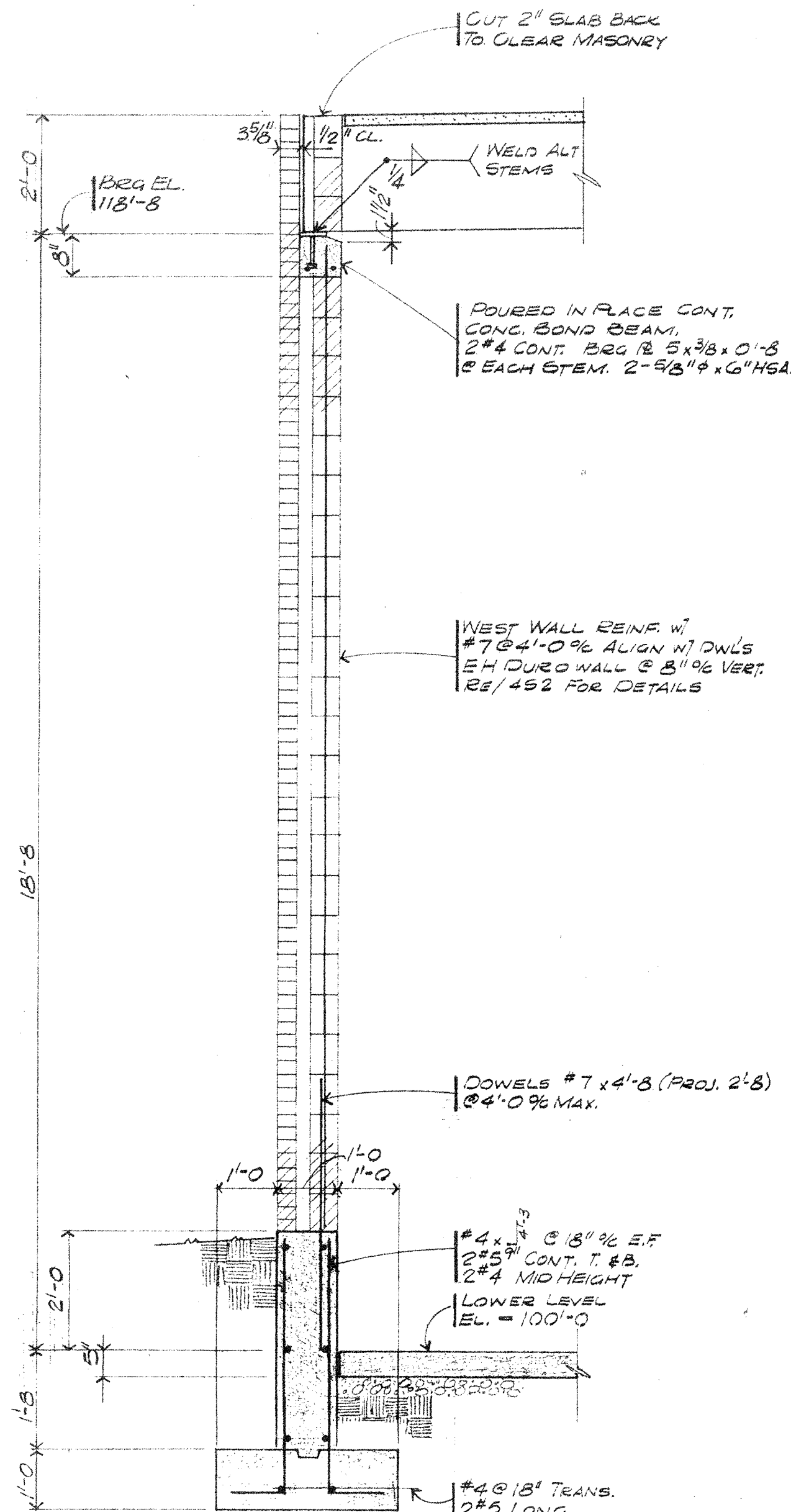
DOUBLE TEE SLAB SCHEDULE

SLAB MARK	SLAB SIZE	FINAL PRESTR. FORCE (KIPS)	NO STRESSED 1/2" TENDONS	NO UNSTRESSED 1/2" TENDONS	d @ MIDSPAN	d @ ENDS
T1	22+2	228.7	10	2	13.73"	6.96"
* T2	22+2	114.35	5	1	13.73"	6.96"
T3	10+2	47.2	2	0	7.00	7.00
T4	10+2	94.4	4	0	6.75"	5.00

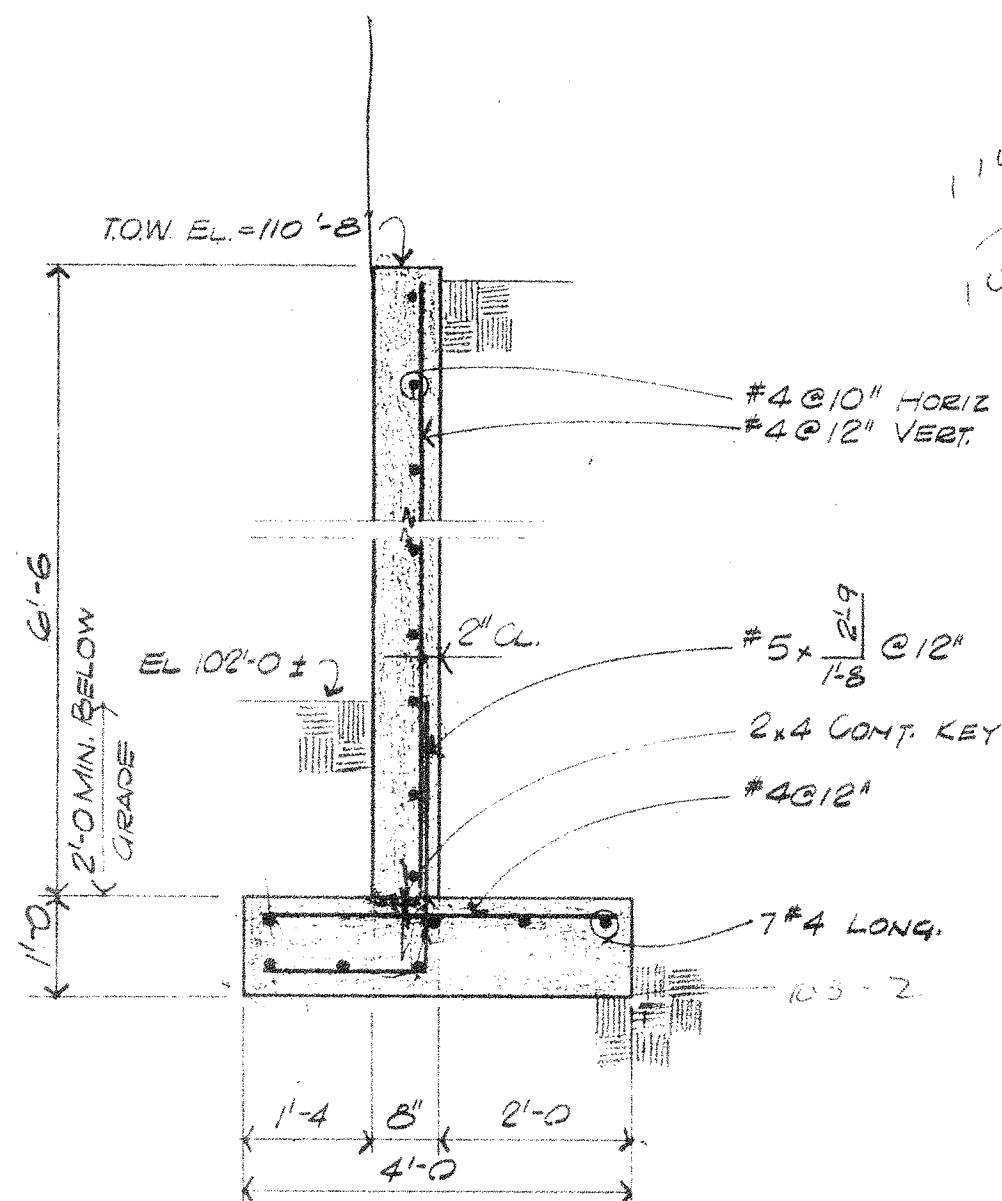
* SLAB T2 IS 4'-0" WIDE SINGLE STEM.
1. SLAB T1, T3, T4 PLACE 1/2 OF PRESTRESS FORCE IN EACH STEM.
2. 22+2 DBL TEES ARE SANDWICHED CONG. 10+2 NORMAL WEIGHT CONG.



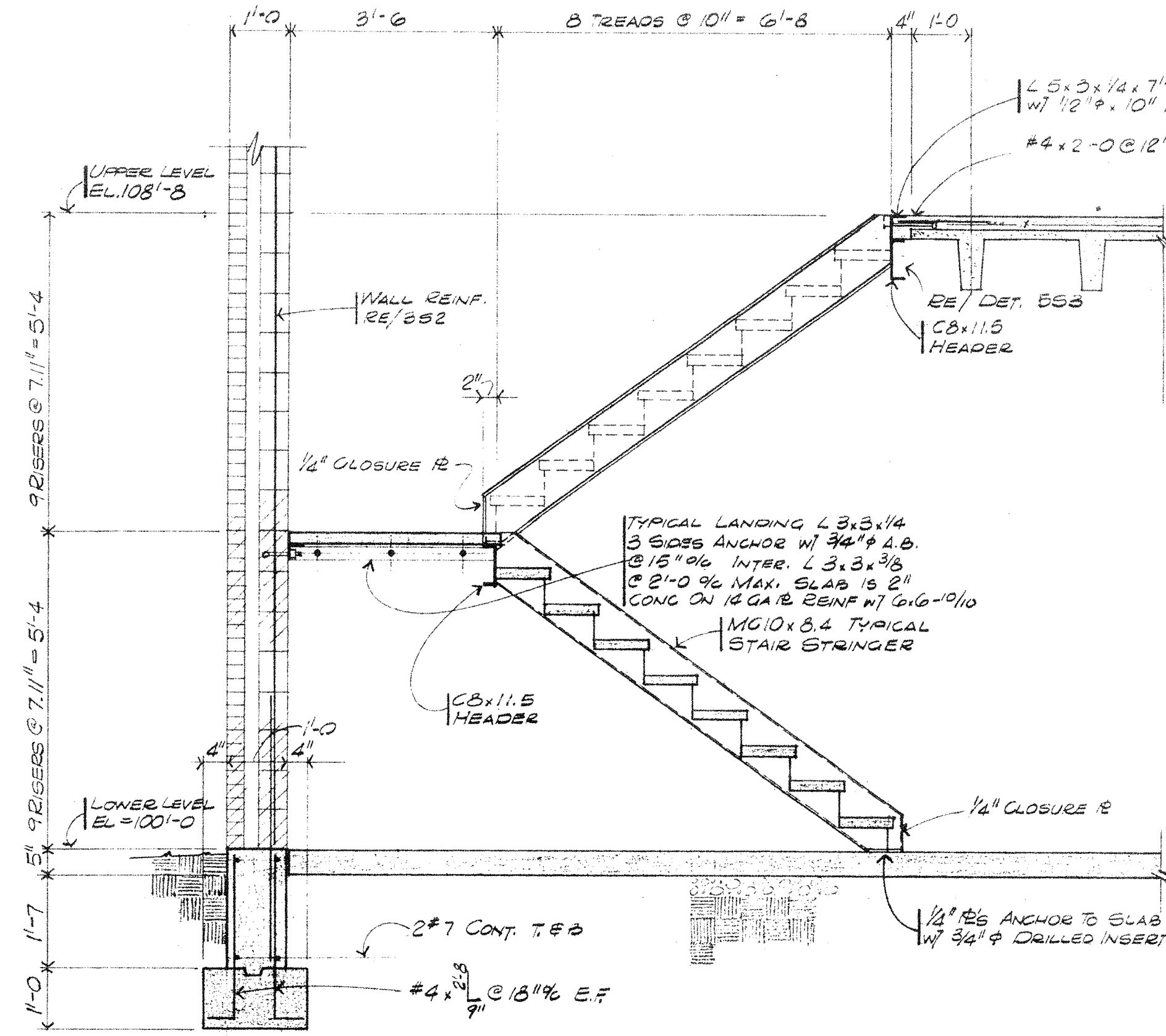
DOUBLE TEE SECTION



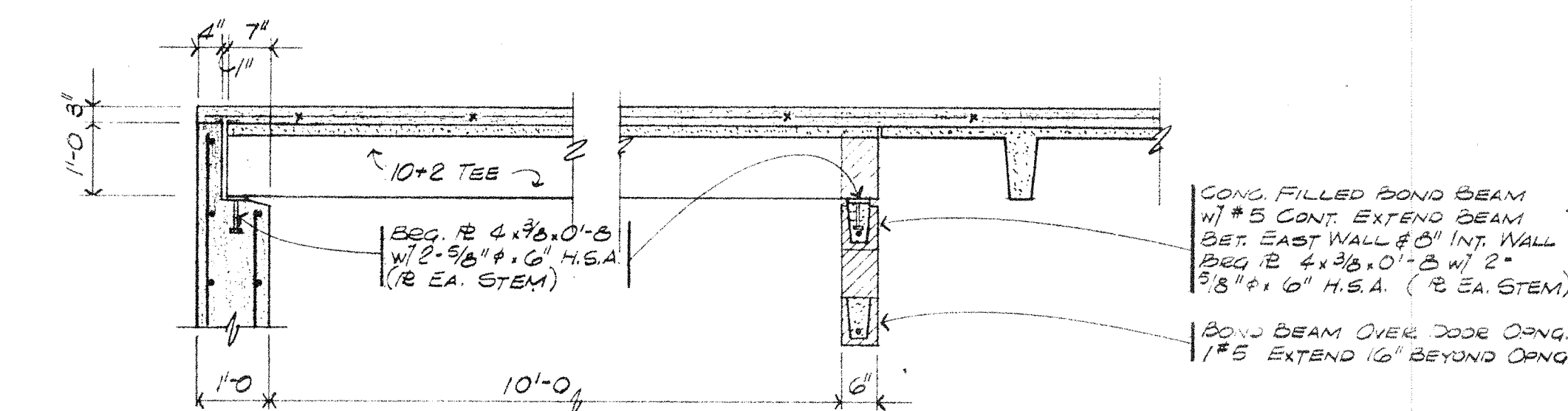
1 SECTION
SCALE 1/2"=1'-0"
RE/151, 351



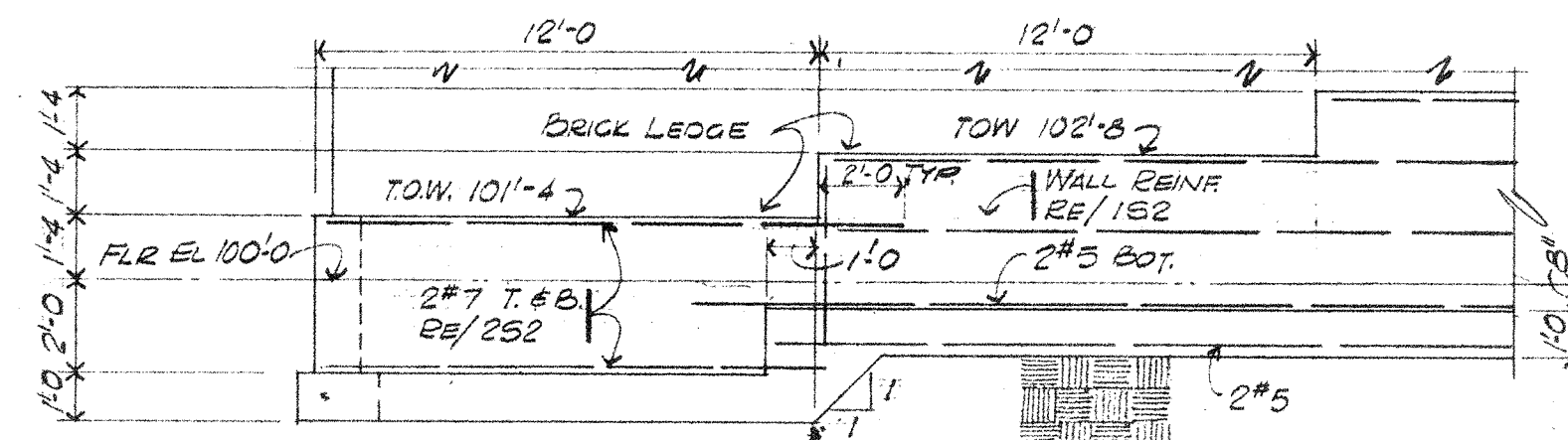
7 SECTION RET. WALL
SCALE 1/2"=1'-0"
RE/151



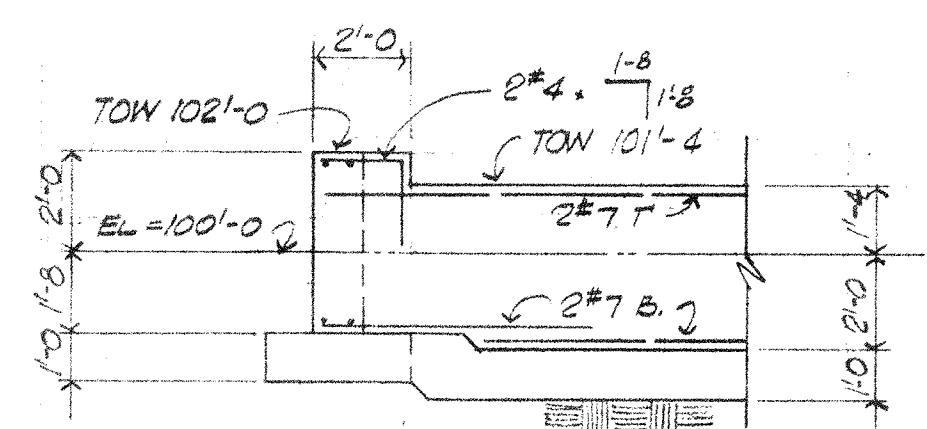
2 SECTION - SOUTH STAIR
SCALE 1/2"=1'-0"
RE/151, 251



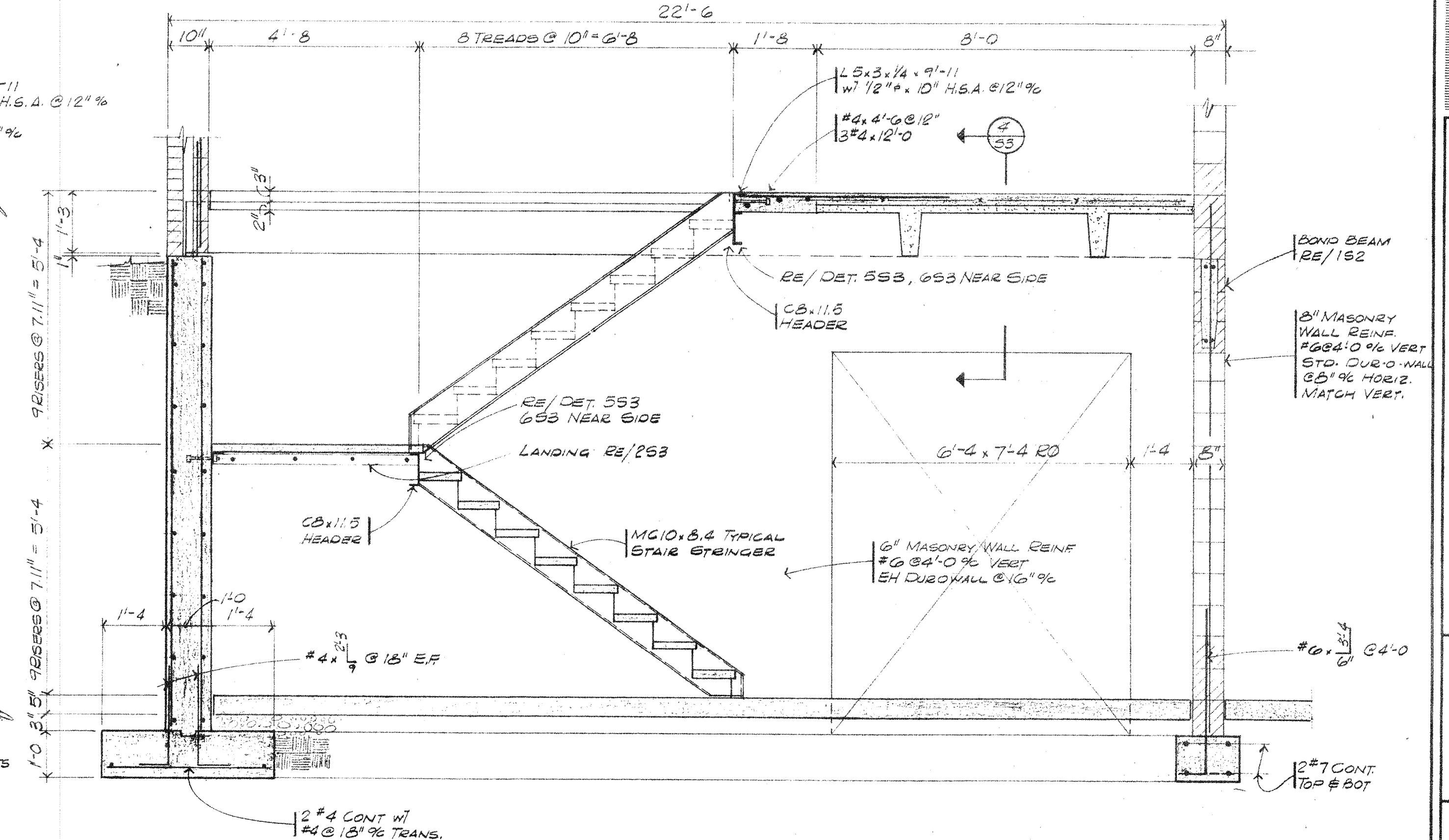
4 SECTION
SCALE 1/2"=1'-0"
RE/251



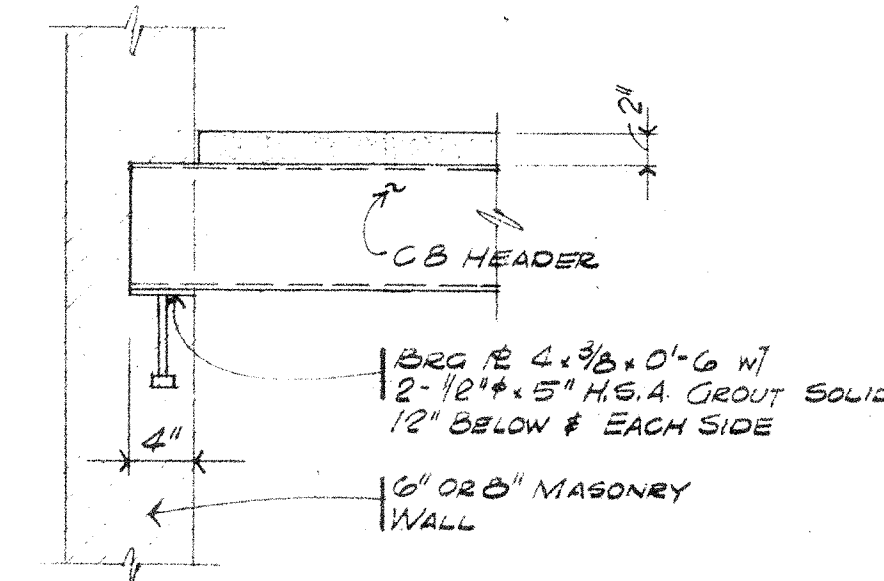
8 STEP FOOTING ELEVATION
SCALE 1/4"=1'-0"
RE/151



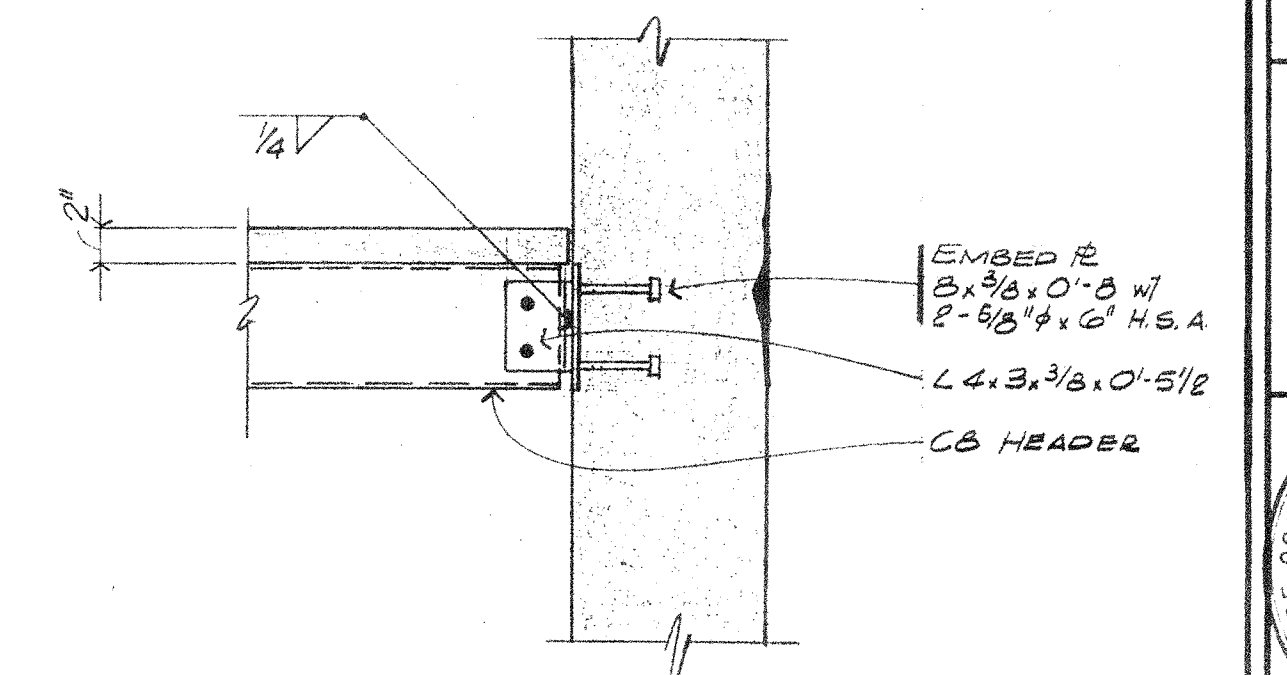
9 STEP FOOTING ELEVATION
SCALE 1/4"=1'-0"
RE/151



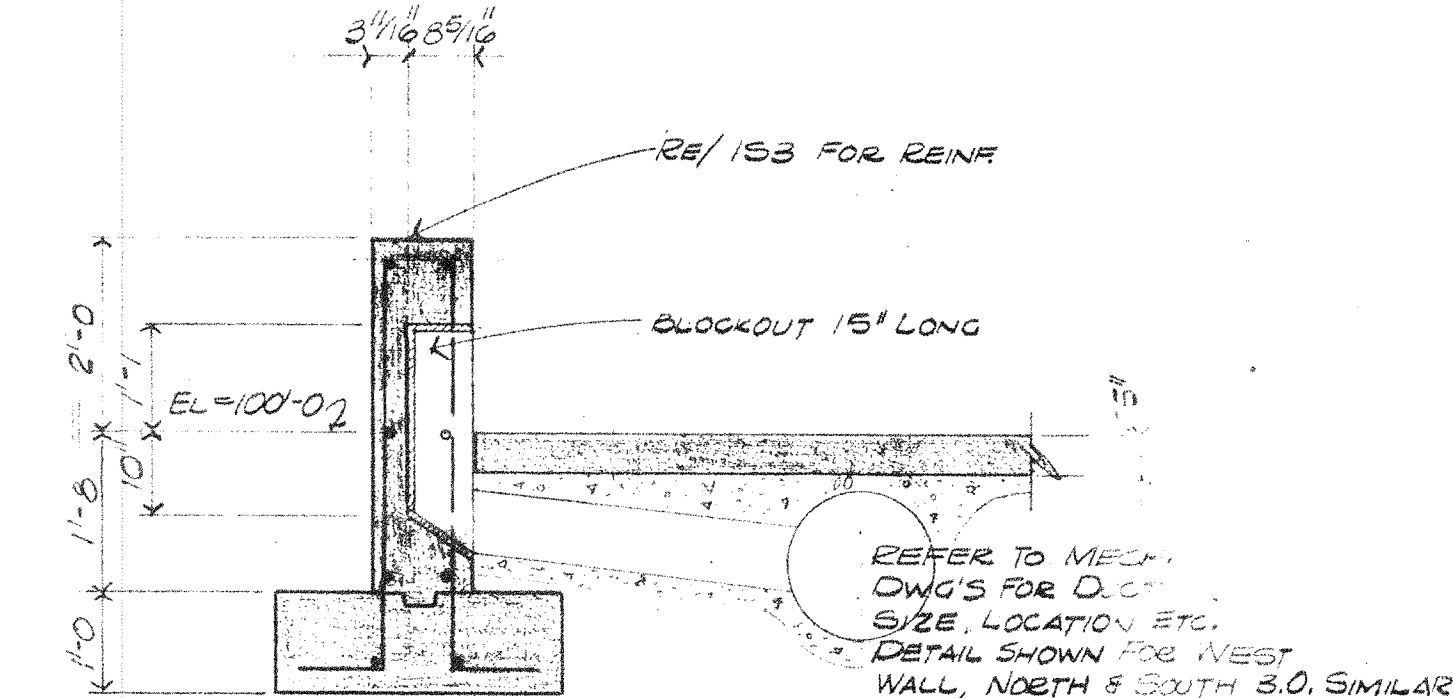
3 SECTION - NORTH STAIR
SCALE 1/2"=1'-0"
RE/151, 251



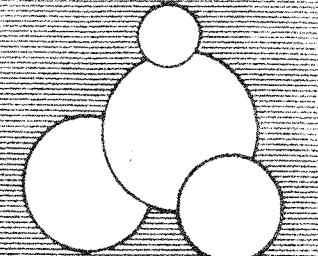
5 DETAIL
SCALE 1/2"=1'-0"
RE/253, 353



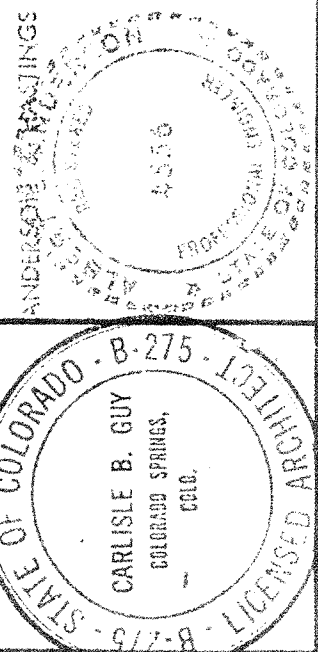
6 DETAIL
SCALE 1/2"=1'-0"
RE/253



10 DETAIL - MECH B.O.
SCALE 1/2"=1'-0"
RE/151, MECH. DWG'S



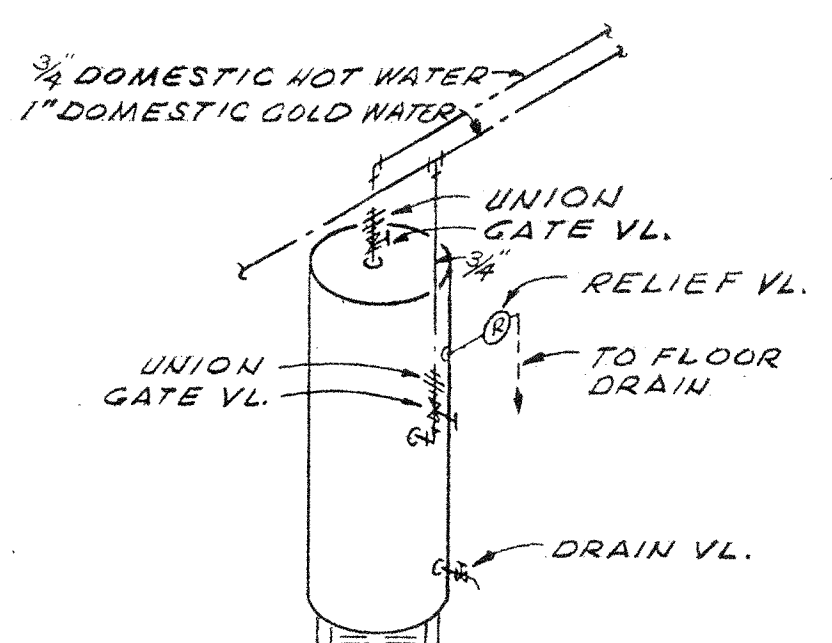
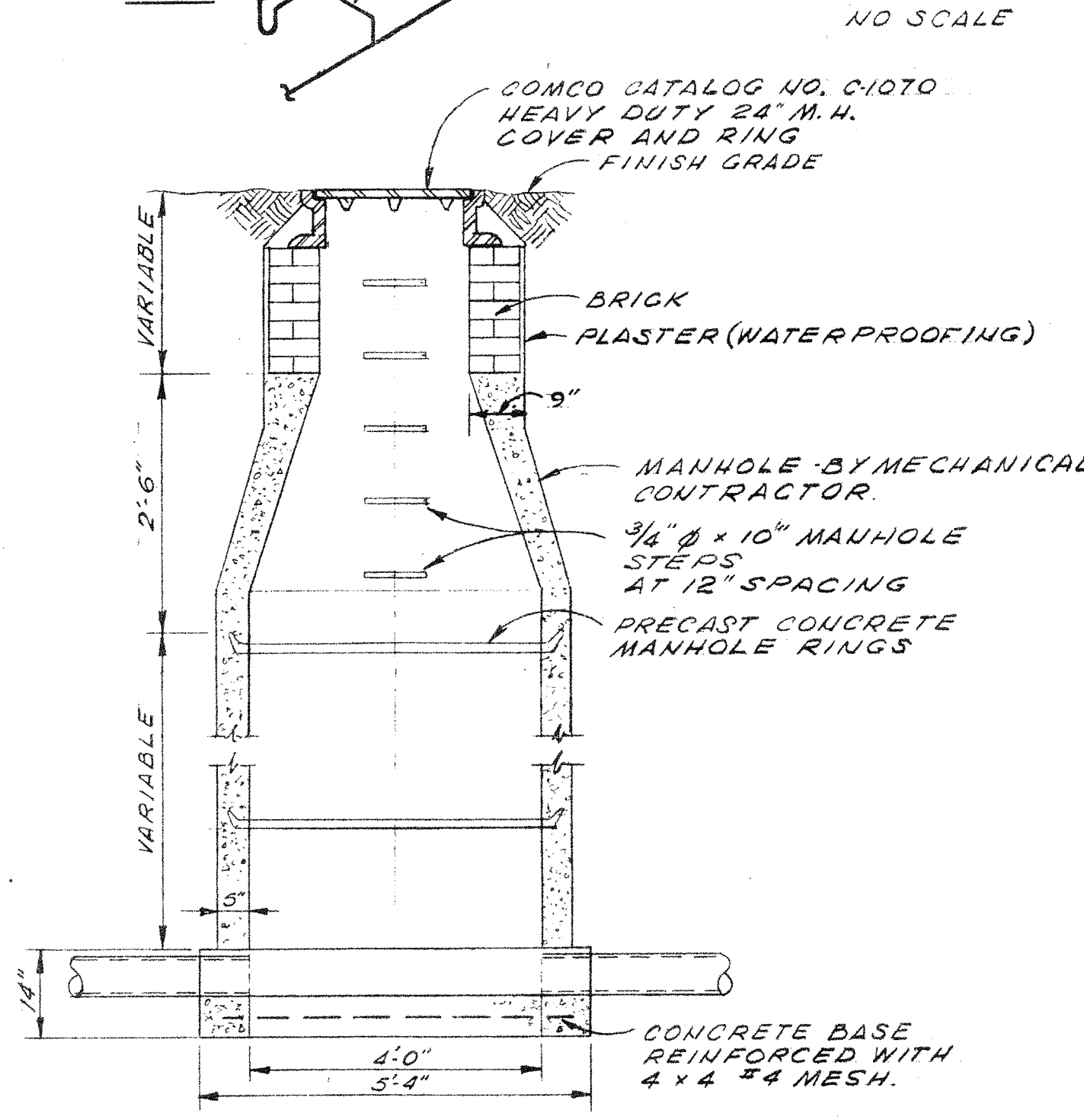
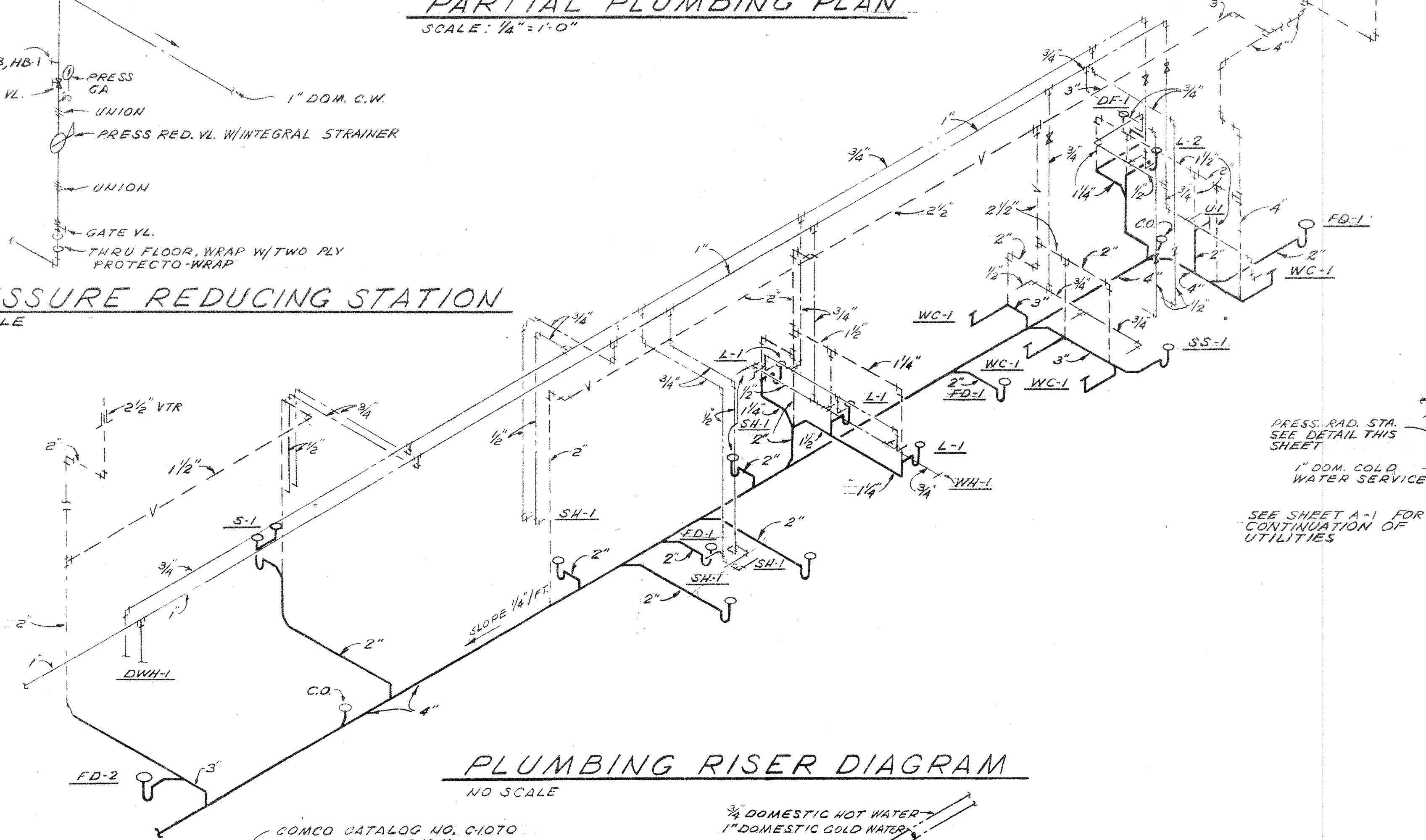
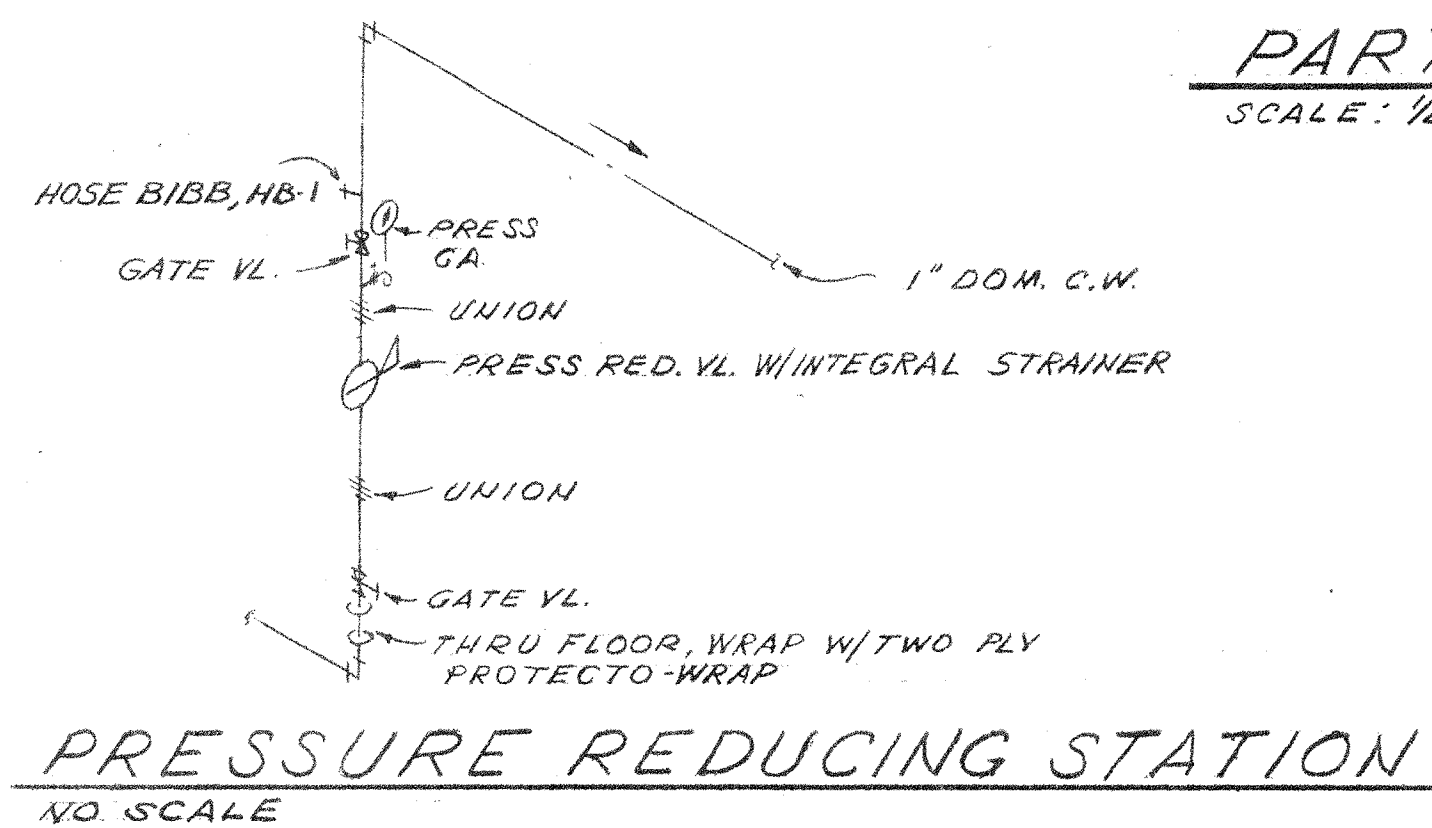
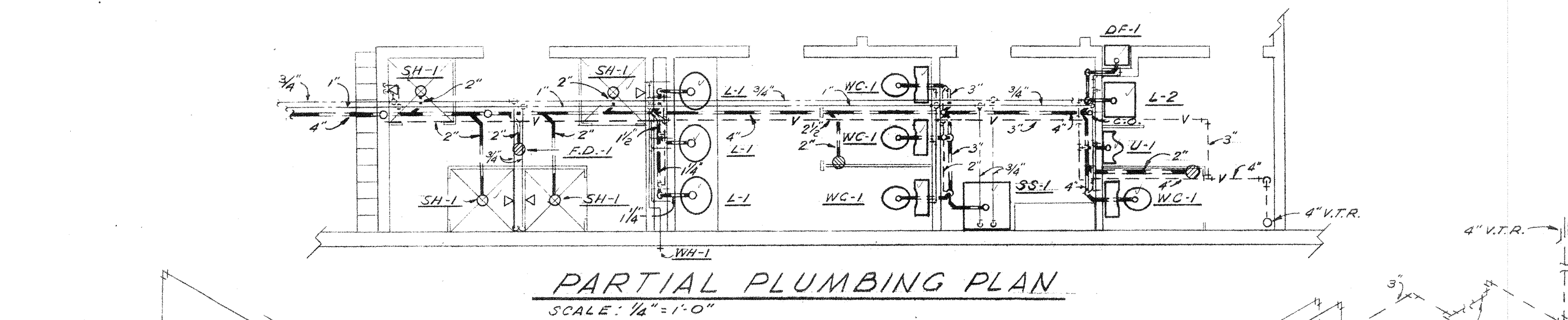
CARLISE B. GUY ARCHITECT
COLORADO SPRINGS, COLORADO



BENET HILL ACADEMY
GYMNASIUM
COLORADO SPRINGS, COLORADO
STAIR SECTIONS

DRAWN BY JOR
CHECKED BY AEA
DATE FEB 27, 1975

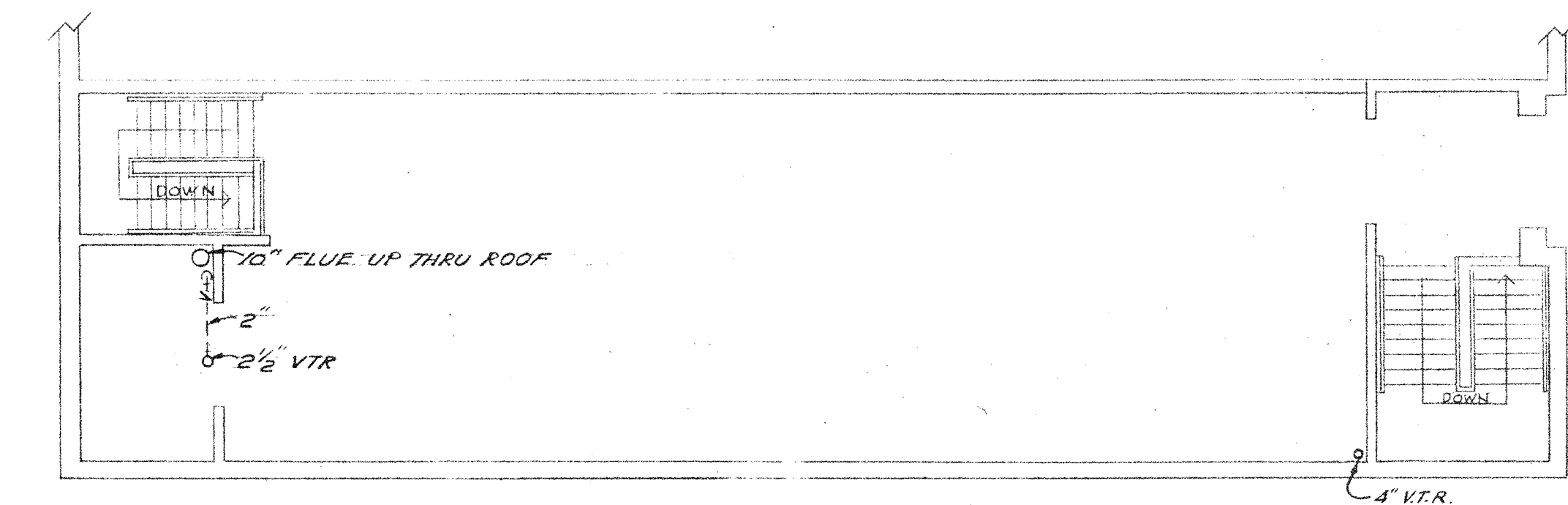
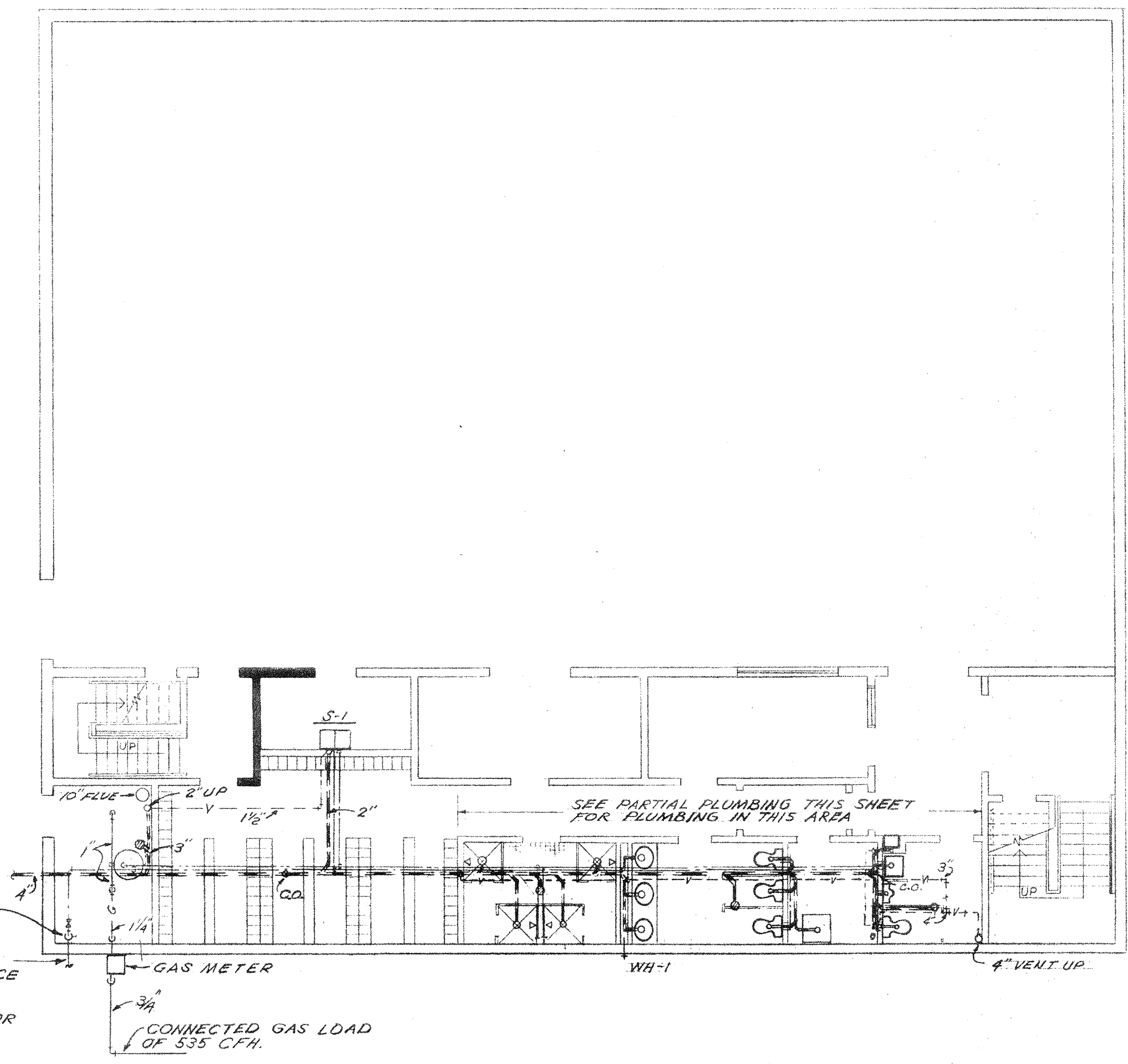
SHEET **S-3**



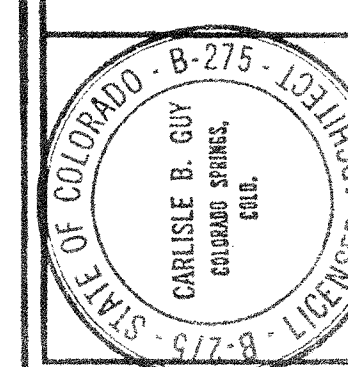
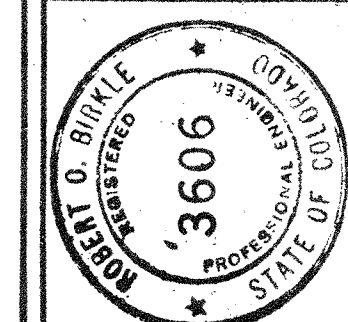
DOMESTIC WATER HEATER
NO SCALE

MECHANICAL SYMBOLS

	GAS LINE		ACCESS PANEL
	DRAIN LINE		VOLUME DAMPER
	DOM. COLD WATER		DUCTWORK W/ INTERNAL INSULATION
	DOM. HOT WATER		SUPPLY OR F.A. DUCT RISER
	SANITARY SEWER OR WASTE		EXH. OR R.A. DUCT RISER
	PLUMBING VENT		TURNING VANES IN DUCT
	RISE IN DIRECTION OF FLOW		MID-WALL REGISTER
	DROP IN DIRECTION OF FLOW		BOTTOM REGISTER
	BRANCH TAKE OFF - TOP OF MAIN		CEILING GRILLE
	BRANCH TAKE OFF - BOT. OF MAIN		CEILING REGISTER
	BRANCH TAKE OFF - SIDE OF MAIN		FLOOR REGISTER
	PRESS. RELIEF VALVE		TOP GRILLE
	PRESS. REDUCING VALVE		TOP REGISTER
	GATE VALVE		
	UNION		
	CHECK VALVE		
	STRAINER		
	THERMOSTAT		
	FIRE DAMPER		
	SMOKE DETECTOR (BY ELECT. CONTR.)		



CARLISLE B. GUY
ARCHITECT
COLORADO SPRINGS, COLORADO



BENET HILL ACADEMY
COLORADO SPRINGS, COLO.
PLUMBING PLAN & DETAILS

DRAWN BY KEM
CHECKED BY RDB
DATE 2-27-75

SCHEDULE OF AIR CONDITIONING & VENTILATING SYSTEMS

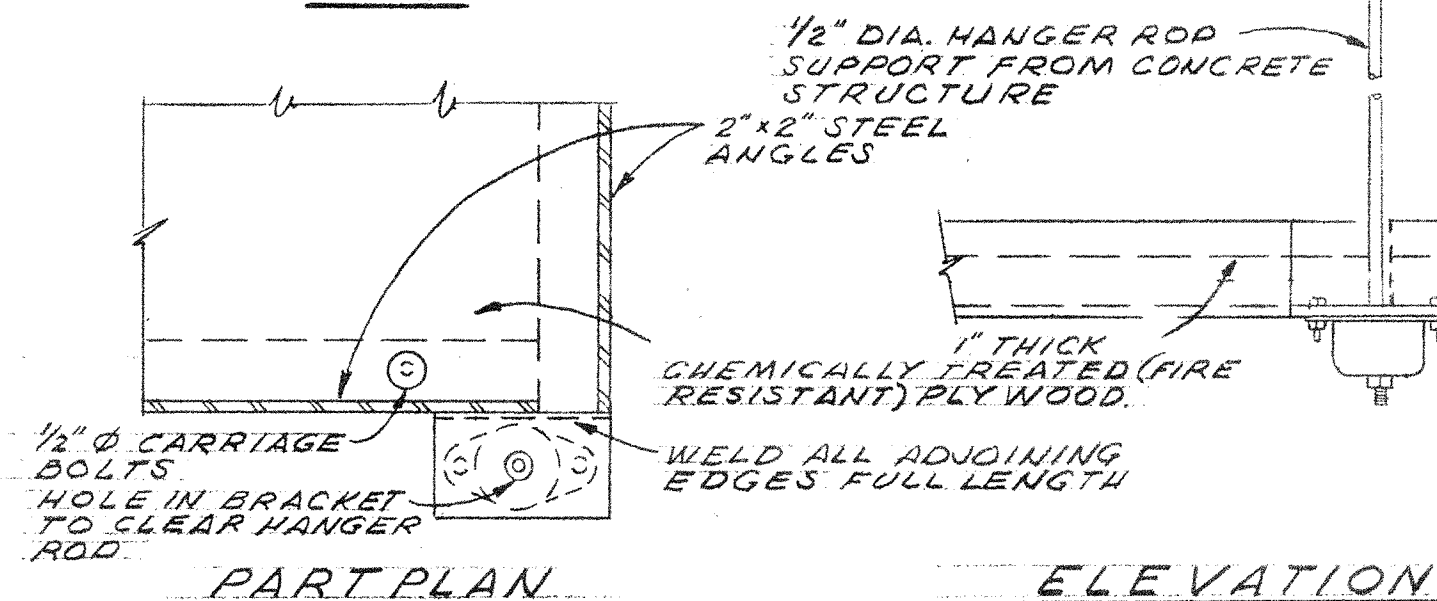
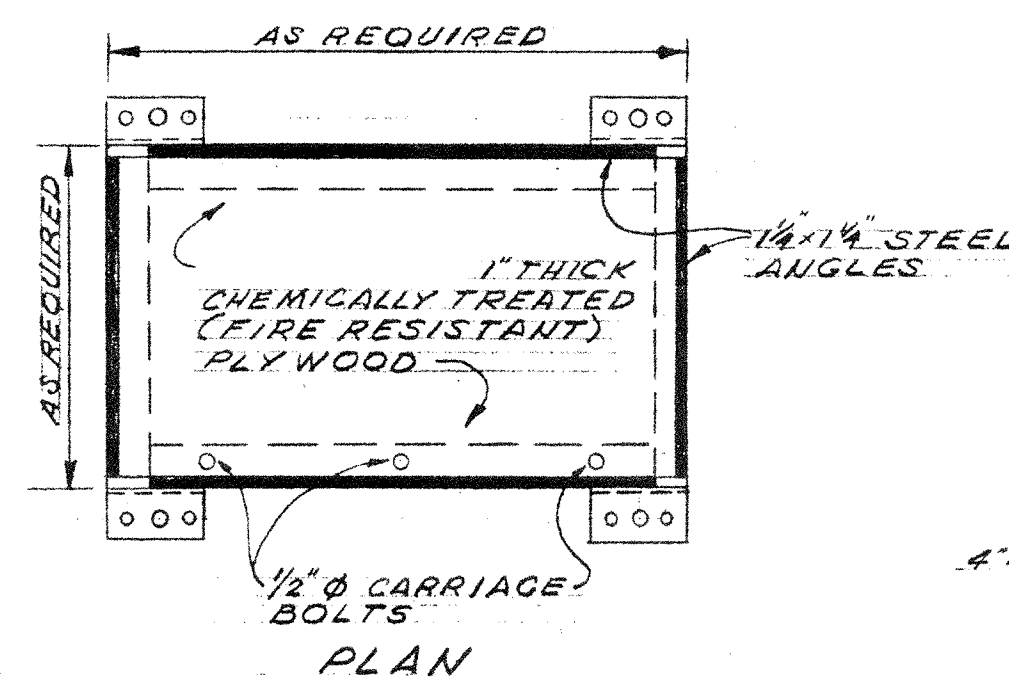
UNIT NO.	AREA SERVED	TOTAL M.B.H. @ S.L. INPUT	C.F.M. @ 6000' EL.	EXT. S.P. IN. OF WATER	H.P.	O.A. @ 6000' EL.	FILTER ARRANGEMENT OR TYPE	MFG. AND MOD. NO.	REMARKS
HV-1	GYM	240	3000	.75	1	700	4-20x20x2 THROW AWAY	JANITROL 30-240-1	DOWNFLOW, W/O BAFFLES
HV-2	OFFICE AREA & ACTIVITY RM.	160	2030	.65	3/4	700	3-20x20x2 THROW AWAY	JANITROL 30-160-1	UPFLOW,

SCHEDULE OF EXHAUST FANS

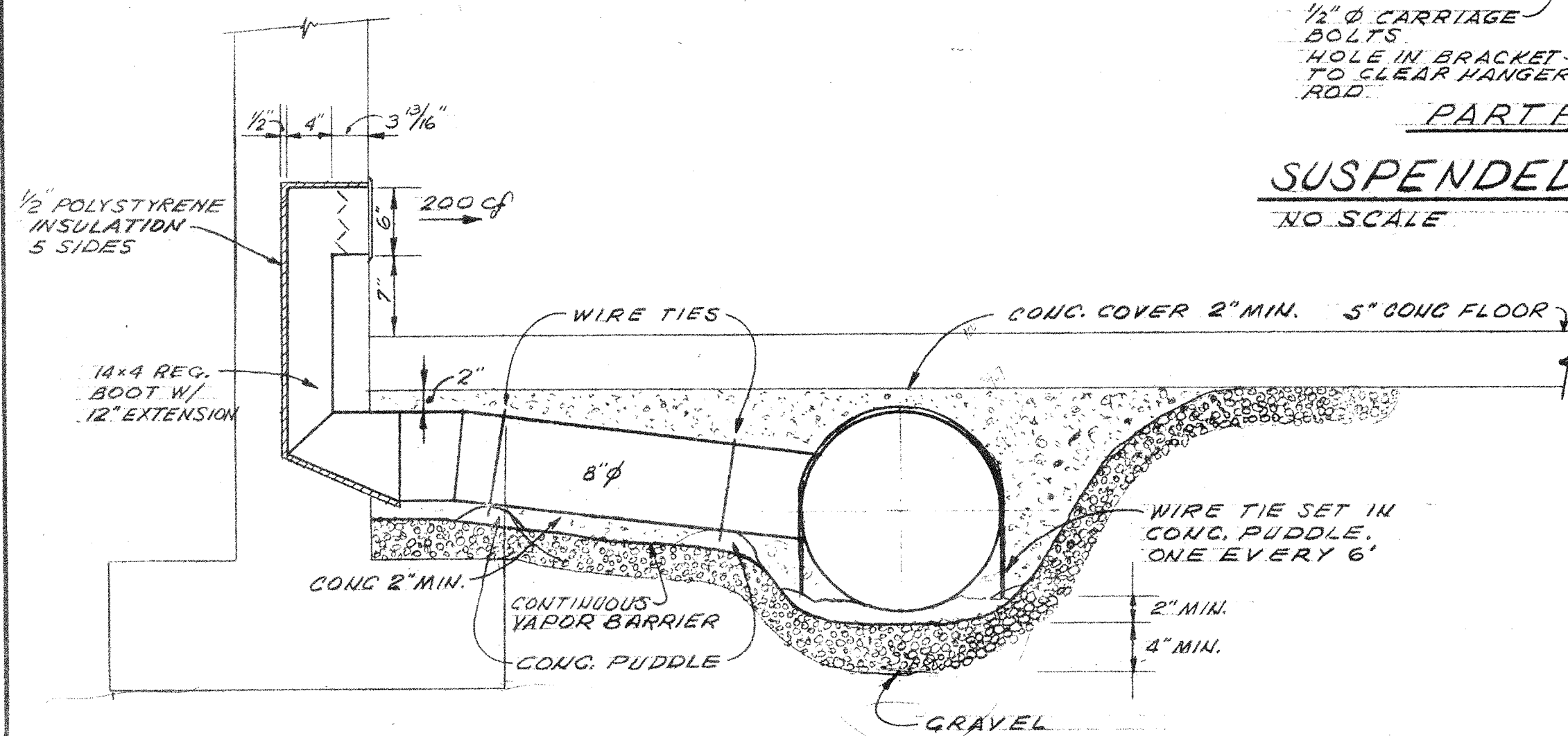
UNIT NO.	AREA SERVED	C.F.M. @ 6000' EL.	S.P. IN. OF H ₂ O	H.P.	MFG. & MODEL NO.	REMARKS
F-1	LOCKER & TOILET RM.	1230	3/8"	1/3	N.Y.B. JR. SIZE 12	INTERLOCKED W/MANUAL OCCUPANCY SWITCH HV-2
F-2	KITCHEN	200	1/4"	1/25	TRADE WIND MOD. 1501	MANUAL SWITCH IN KITCHEN (BY ELECT. CONTR.)

SCHEDULE OF DOM. WATER HEATERS

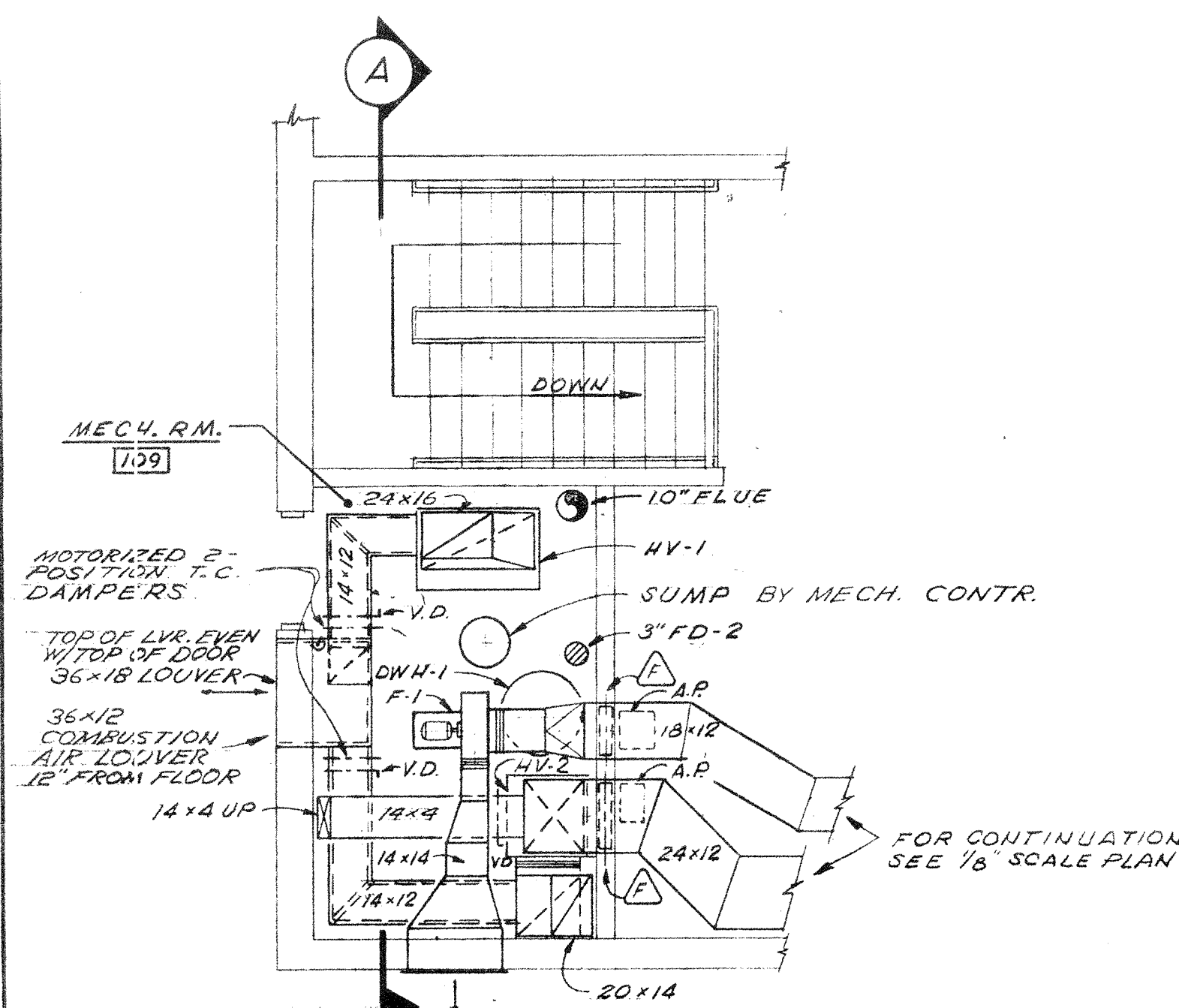
UNIT NO.	M.B.H. INPUT @ S.L.	GALS./HR. @ S.L.	GAL. STORAGE	MFG. AND MODEL NO.	REMARKS
DWH-1	156	131	100	RUUD GL100-156	GLASS LINED



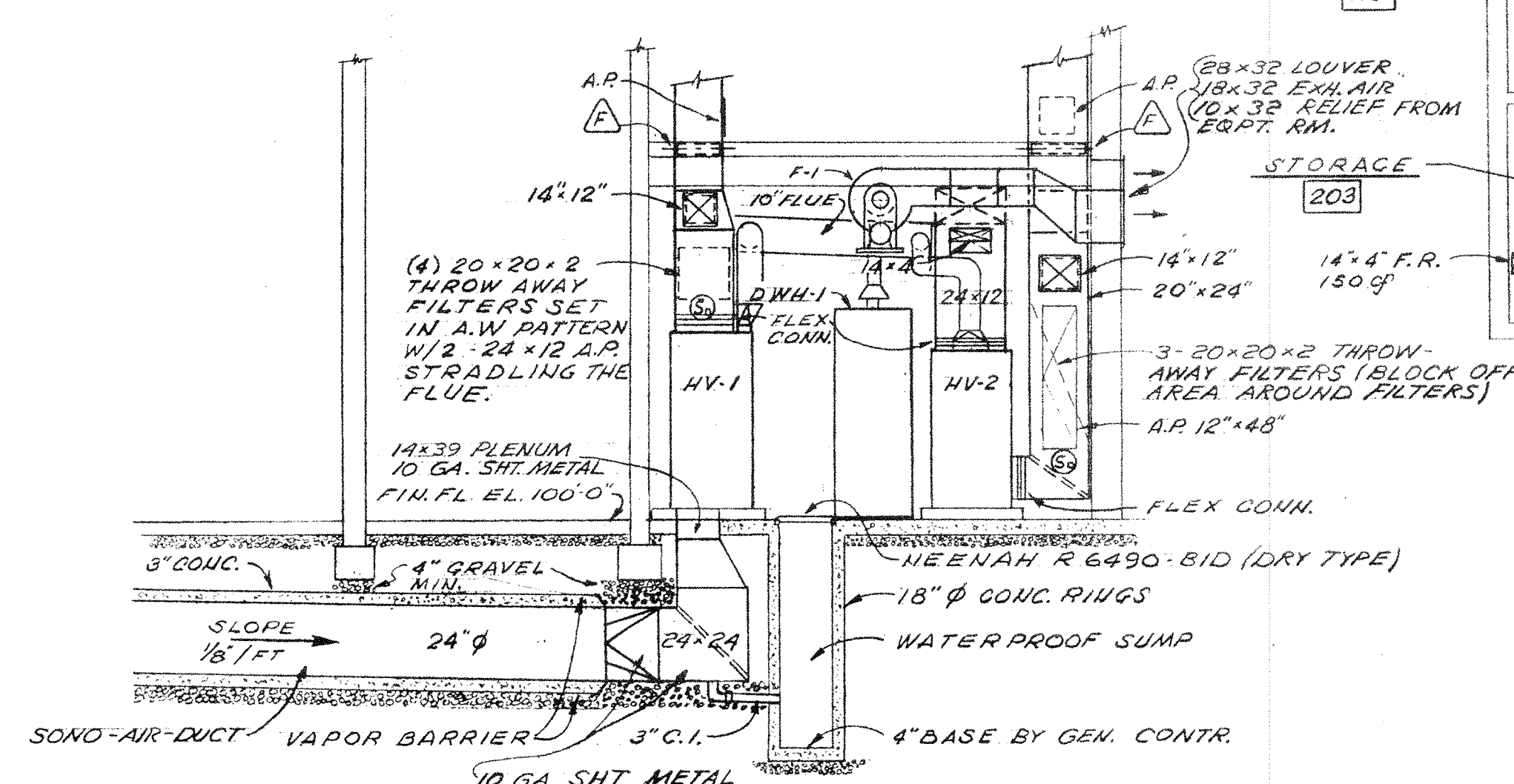
SUSPENDED PLATFORM FOR FAN F-1
NO SCALE



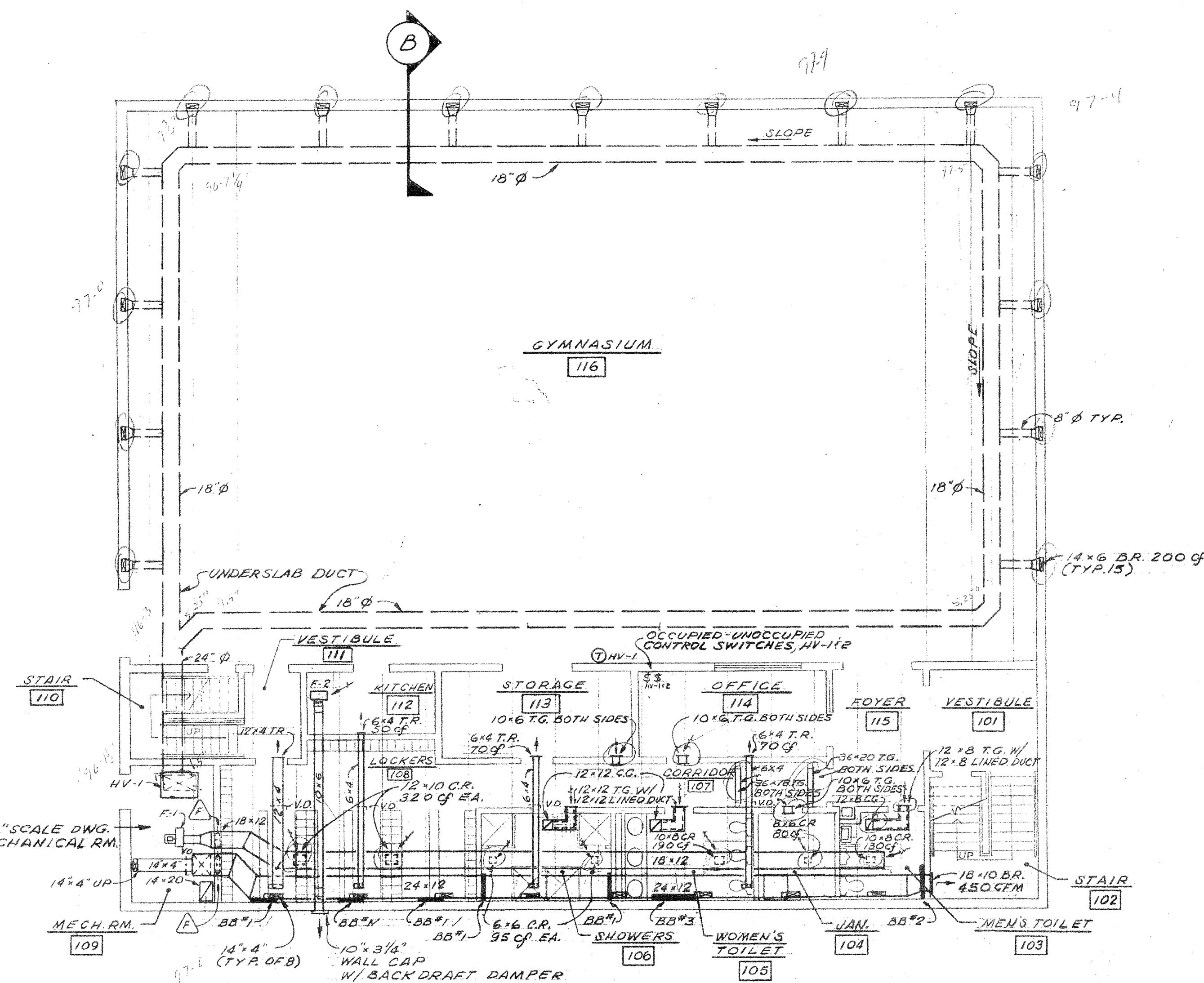
SECTION B
SCALE: 1"=1'-0"



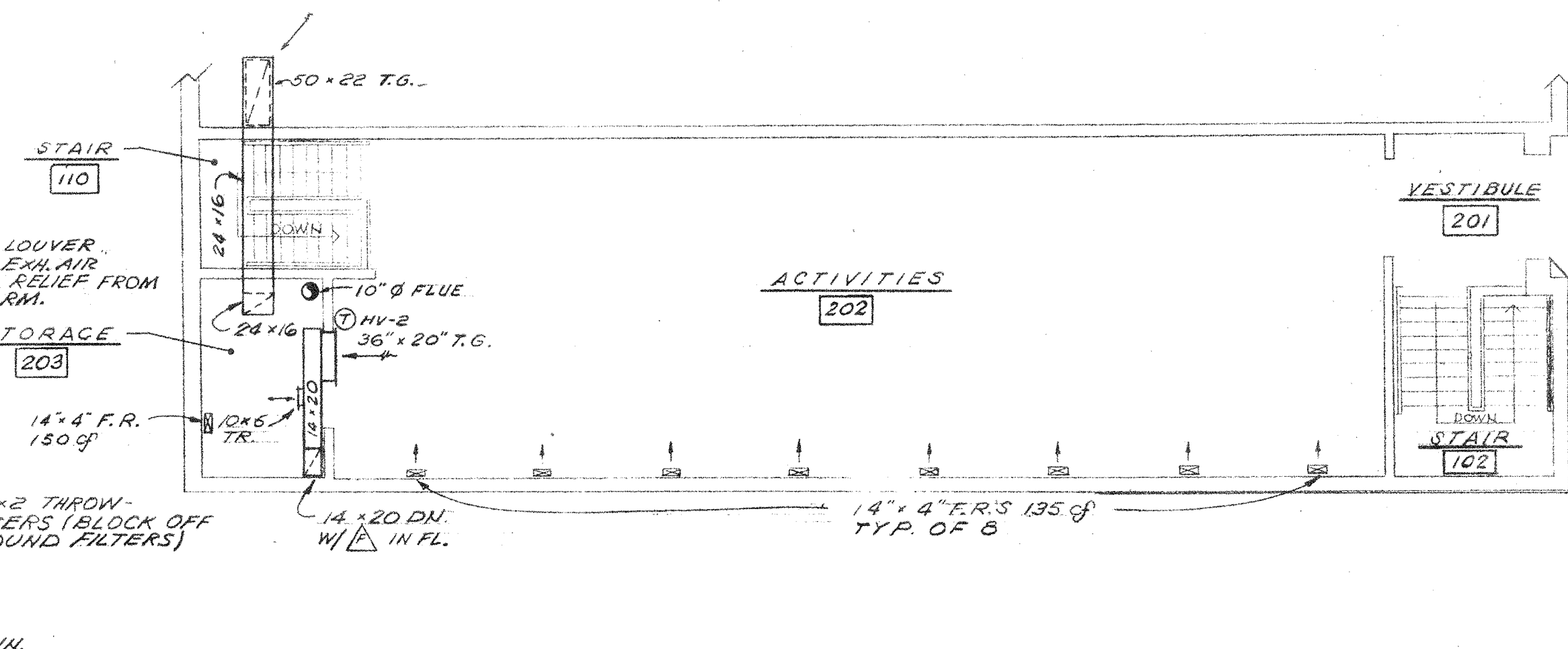
MECHANICAL EQUIPMENT ROOM 109
SCALE: 1/4"=1'-0"



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

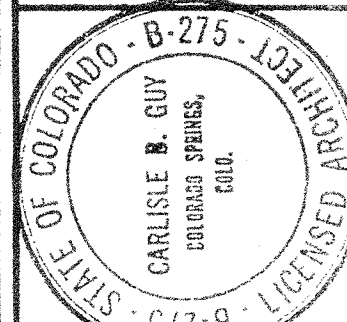
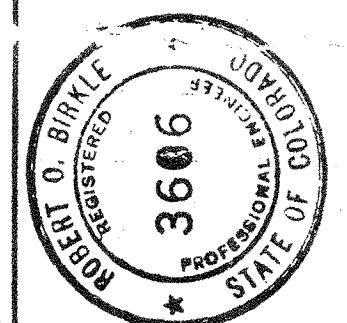


LOWER LEVEL FLOOR PLAN
SCALE: 1/8"=1'-0"



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

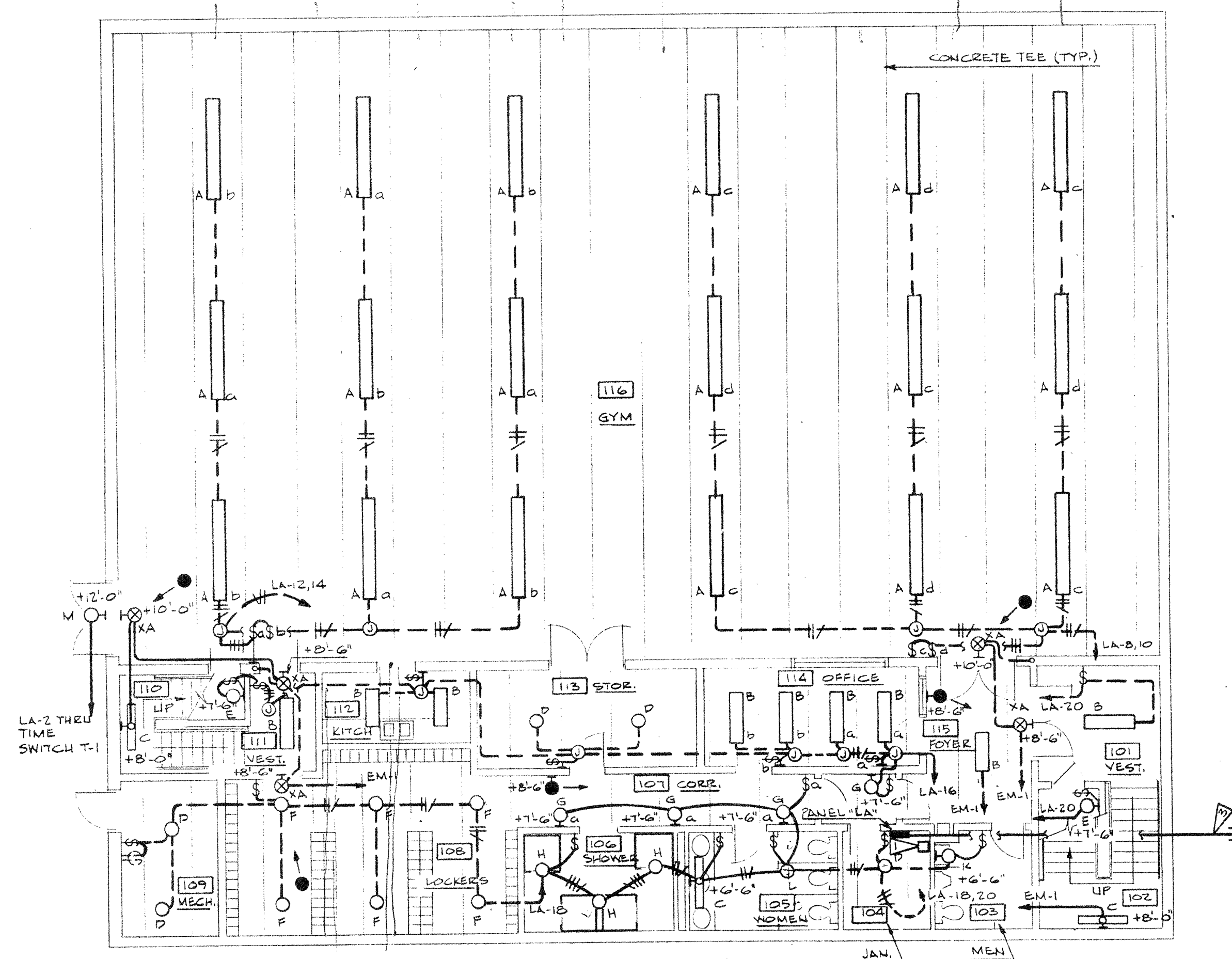
CARLISLE B. GUY ARCHITECT
COLORADO SPRINGS, COLORADO



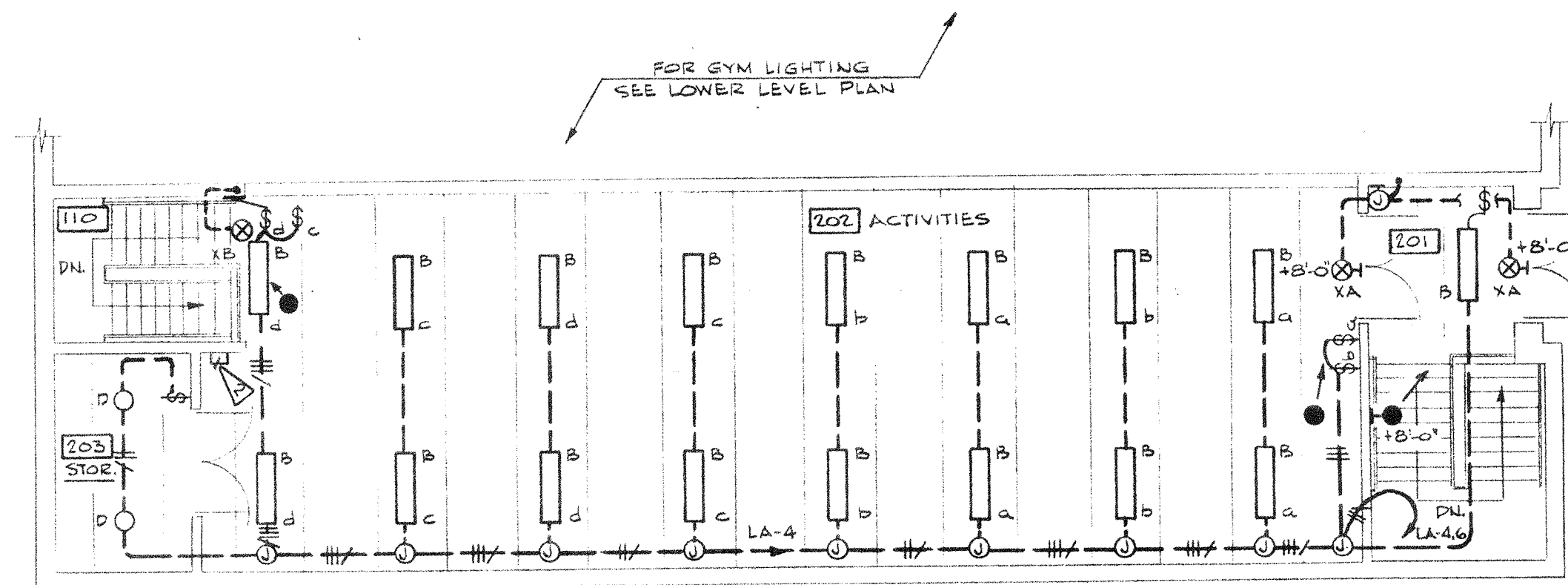
BENET HILL ACADEMY
COLORADO SPRINGS, CO.
DUCTWORK PLAN & DETAILS

DRAWN BY KEM
CHECKED BY ROB
DATE 2-27-75

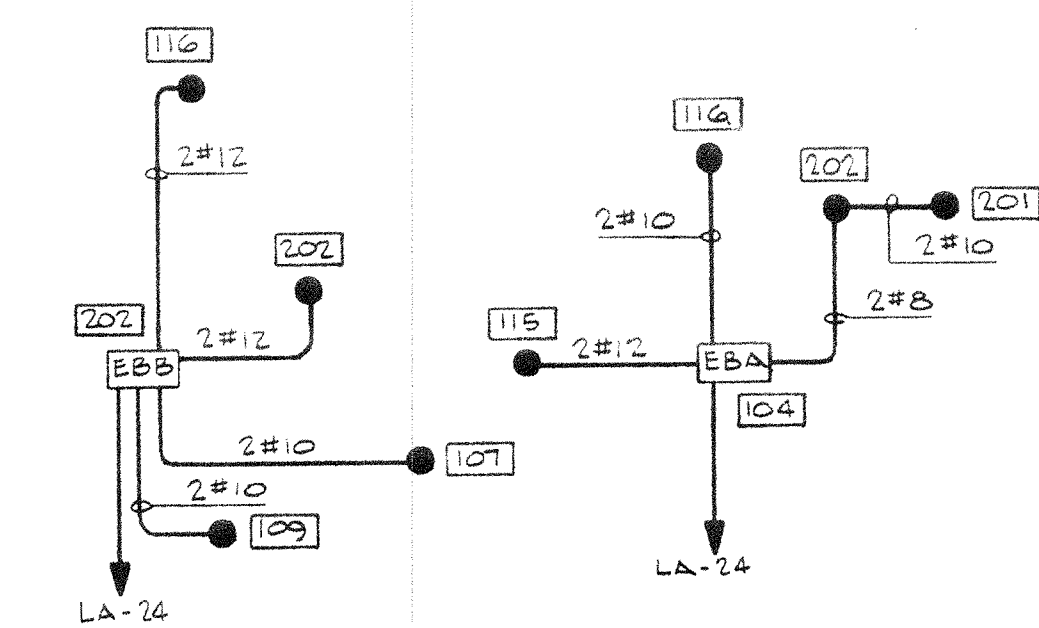




LOWER LEVEL LIGHTING FLOOR PLAN
SCALE: 1/8" = 1'-0"



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



STANDBY BATTERY SYSTEM
ONE-LINE DIAGRAM
N.T.S.

- EBA 6 VOLT DC STAND-BY BATTERY UNIT - 90 MIN. CAPACITY
EBB FOR WATTAGE CONNECTED, EXIDE TYPE FSS-0-115-E WITH #72360 BRACKET
● DC LAMP, 6 VOLT-25 WATT, EXIDE #139-107-002 & #139-107-103 MOUNTING PLATE

1 HP HV-1	1920W	15	15	15	15	150W LG. (THRU TIME SWITCH)
3/4 HP HV-2	1655W	15	15	15	15	1000W
RANGE	8000W	15	15	15	15	900W
1/3 HP F-1	825W	15	15	15	15	1000W
1/2 HP DISP.	900W	15	15	15	15	1250W
F-2	250W	15	15	15	15	1100W
RECEPT.	500W	15	15	15	15	800W
RECEPT.	300W	15	15	15	15	200W LG.
RECEPT.	525W	15	15	15	15	1175W LG.
RECEPT.	750W	15	15	15	15	400W RECEPT. (TELE.)
HEATERS	400W	15	15	15	15	STAND BY BATTERIES
HEATERS	150W	15	15	15	15	700W
RECEPT.	400W	15	15	15	15	700W
RECEPT.	600W	15	15	15	15	700W
HEATERS	1125W	15	15	15	15	700W
RECEPT.	400W	15	15	15	15	700W
HEATER	1200W	15	15	15	15	1000W
RECEPT.	800W	15	15	15	15	1000W
HEATER	1200W	15	15	15	15	1000W
RECEPT.	600W	15	15	15	15	1000W
HEATER	500W	15	15	15	15	1000W
RECEPT.	1000W	15	15	15	15	1000W

PANEL "LA"

120/240V., 1Ø, 3 WIRE, SN, 200A.
MAIN BREAKER, SURFACE MOUNTED. ALL BREAKERS 20A-1P UNLESS OTHERWISE NOTED.

* PROVIDE LOCK ON HANDLE

NOTES

- STANDBY BATTERY UNIT "EBA". SEE STANDBY BATTERY SYSTEM ONE-LINE DIAGRAM THIS SHT.
- STANDBY BATTERY UNIT "EBB". SEE STANDBY BATTERY SYSTEM ONE-LINE DIAGRAM THIS SHT.
- STUB OUT 2" C BELOW GRADE APPROX. 5 FT. FROM BUILDING, CAP & STAKE. (FUTURE EXTERIOR LIGHTING)

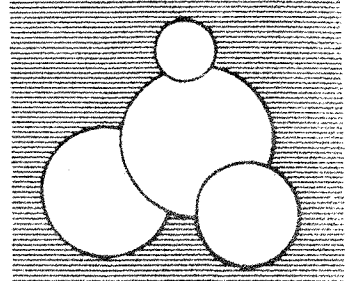
ITEM	LAMPS	MOUNTING	DESCRIPTION	MFGR. & CAT. NO.
A	2-F96T12/CW/HO	CEILING	GYM FIXTURE - (2) 8FT. H.O. LAMPS W/SPRING LOADED LAMP HOLDERS & 11 GAUGE WIRE GUARD	DAY-BRITE #8N2H WITH (2) #1-54095-001 GUARDS GIBSON #RC42-296HO-CEP W/ (2) #WGG-85-H GUARDS
B	2-F40-CW	CEILING	SHALLOW SURFACE UNIT WITH HIGH IMPACT ACRYLIC LENS	DAY-BRITE #V11240-4
C	2-F40-WW	WALL	4" WALL UNIT WITH HINGED & LATCHED LENS	DAY-BRITE #45242-4
D	1-100A	CEILING	GLOBE & GUARD UNIT	CROUSE-HINDS #VXH15GP
E	1-100A	WALL	HERCULEX LENS UNIT	KENALL #3636
F	1-100A	CEILING	HERCULEX PRISMATIC LENS UNIT WITH SURFACE CONDUIT ADAPTER	KENALL #3940 & #3900A ADAPTOR
G	1-100A	WALL	HERCULEX PRISMATIC LENS UNIT	KENALL #3737
H	1-75A	RECESSED	ROUND SHOWER UNIT WITH GASKETED ALUMINUM TRIM	ART METAL #3617AA
K	2-75A	WALL	WALL BRACKET MIRROR UNIT	ART METAL #3549PC
L	1-100A	RECESSED	SQUARE TEMPERED LENS UNIT WITH HINGED & LATCHED DOOR	ART METAL #1-ITL-WS
M	1-150PAR/FL	WALL	EXTERIOR WALL BRACKET (BRONZE)	PRESCOLITE #1155
XA	2-20T6 1/2	WALL	EXIT UNIT - SINGLE FACE WHITE LETTERS ON GREEN - CAST ALUMINUM HOUSING WITH UNBREAKABLE DIFFUSER	PRESCOLITE #75134
XB	2-20T6 1/2	PENDANT 24"	SAME AS "XA" EXCEPT PENDANT MOUNT	PRESCOLITE #75234 WITH 24" STEM ASSEMBLY

LEGEND

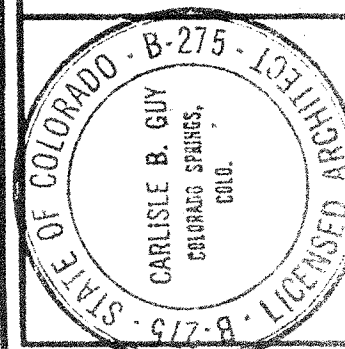
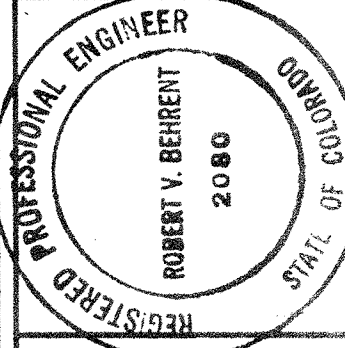
- CONDUIT - CONCEALED IN CEILING OR WALL
- CONDUIT - CONCEALED IN FLOOR
- CONDUIT - EXPOSED
- UG CONDUIT - UNDERGROUND
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- CEILING OUTLET
- WALL OUTLET
- FLOURESCENT FIXTURE
- EXIT LIGHT OUTLET
- DC LAMP
- CLOCK HANGER RECEPTACLE
- JUNCTION BOX
- MOTOR - HORSEPOWER INDICATED
- DUPLEX RECEPTACLE - WALL MOUNTED
- SPECIAL PURPOSE RECEPTACLE - WALL MTD. - SEE NOTES
- TELEPHONE OUTLET - WALL MOUNTED
- SAFETY SWITCH - SIZE, NO. OF POLES & FUSE SIZE INDICATED
- SWITCH - WALL MTD. - FOLLOWING SUBSCRIPTS DENOTE TYPE:
NONE - SINGLE POLE
3 - THREE-WAY
P - WITH PILOT LIGHT
T - THERMAL OVERLOAD SWITCH
- FIRE ALARM STATION
- FIRE ALARM HORN
- SMOKE DETECTOR

NOTE:

SUBSCRIPTS MAY BE ADDED TO SYMBOLS TO DENOTE FOLLOWING:
A,B,ETC. - UPPER CASE LETTER BY OUTLET IDENTIFIES FIXTURE TYPE
a,b,etc. - LOWER CASE LETTER BY SWITCH & OUTLET INDICATES OUTLET CONTROLLED BY SWITCH
WP - INDICATES WEATHERPROOF DEVICE



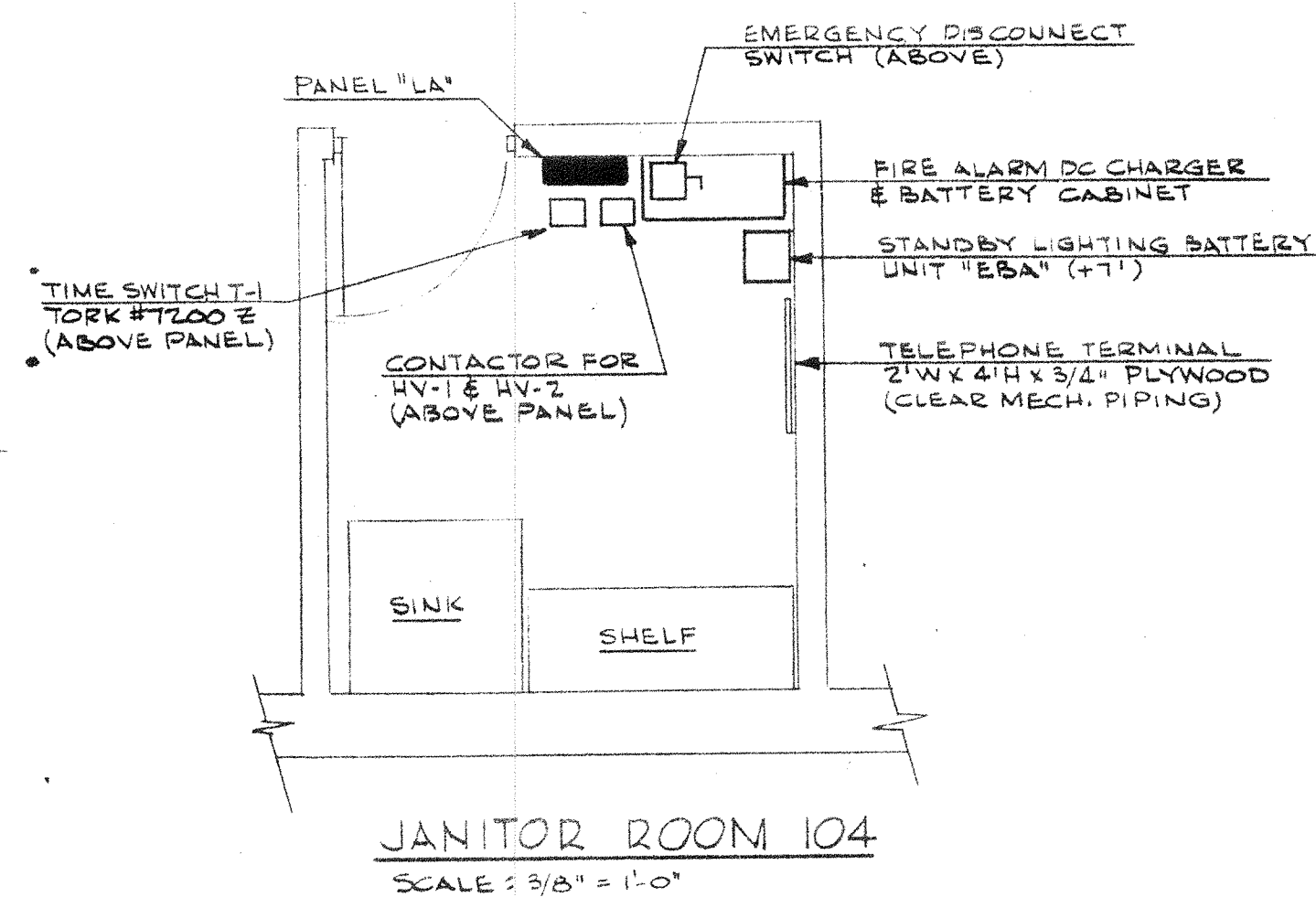
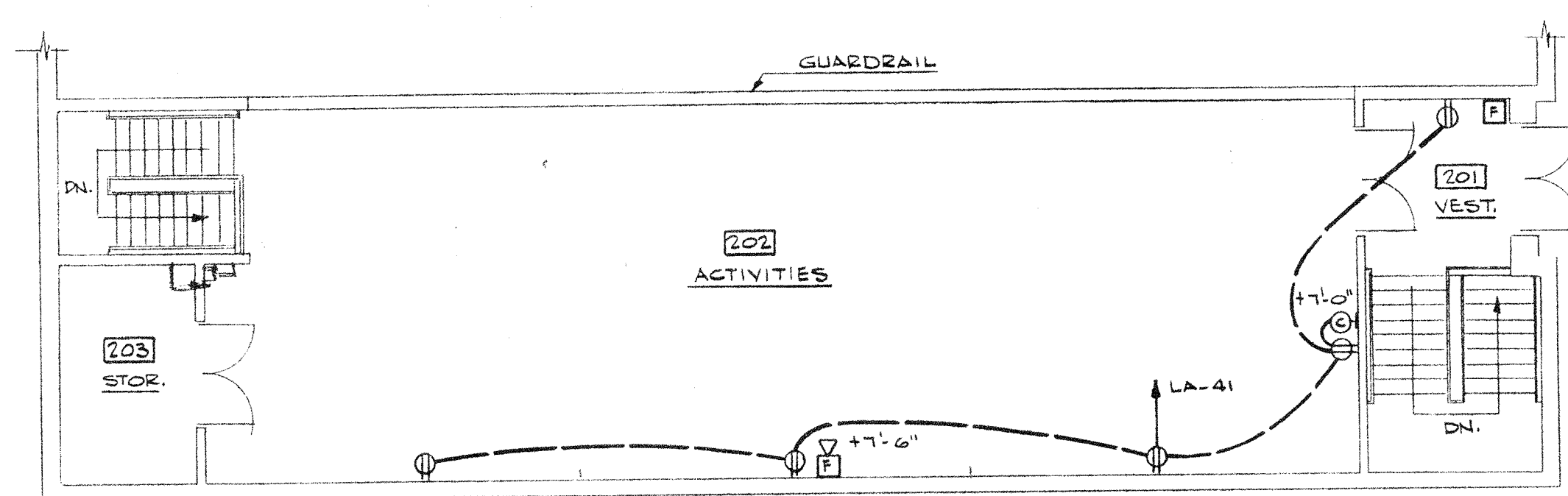
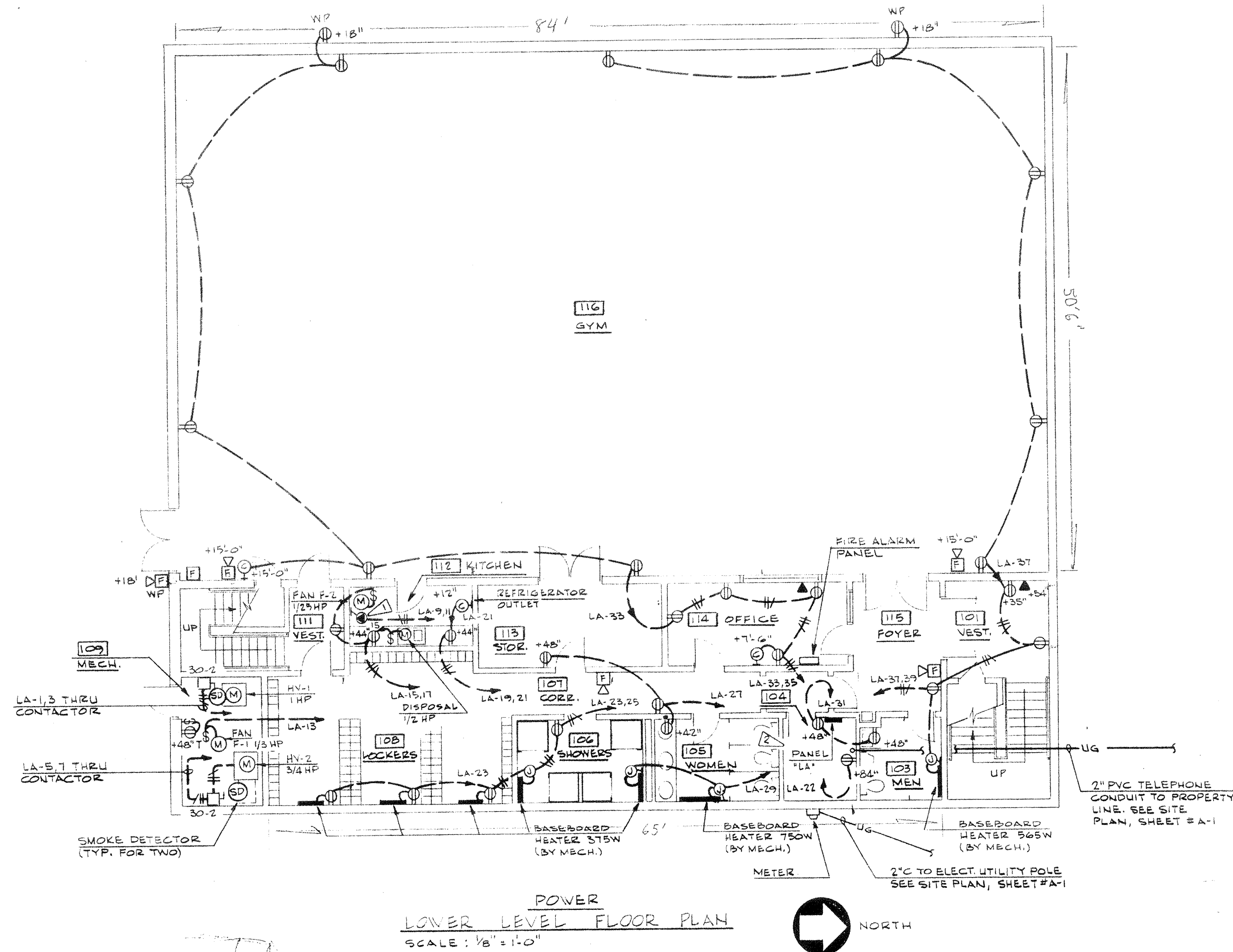
CARLISLE B. GUY ARCHITECT
COLORADO SPRINGS, COLORADO



BENET HILL ACADEMY GYMNASIUM
COLORADO SPRINGS, COLORADO
ELECTRICAL - LIGHTING PLAN

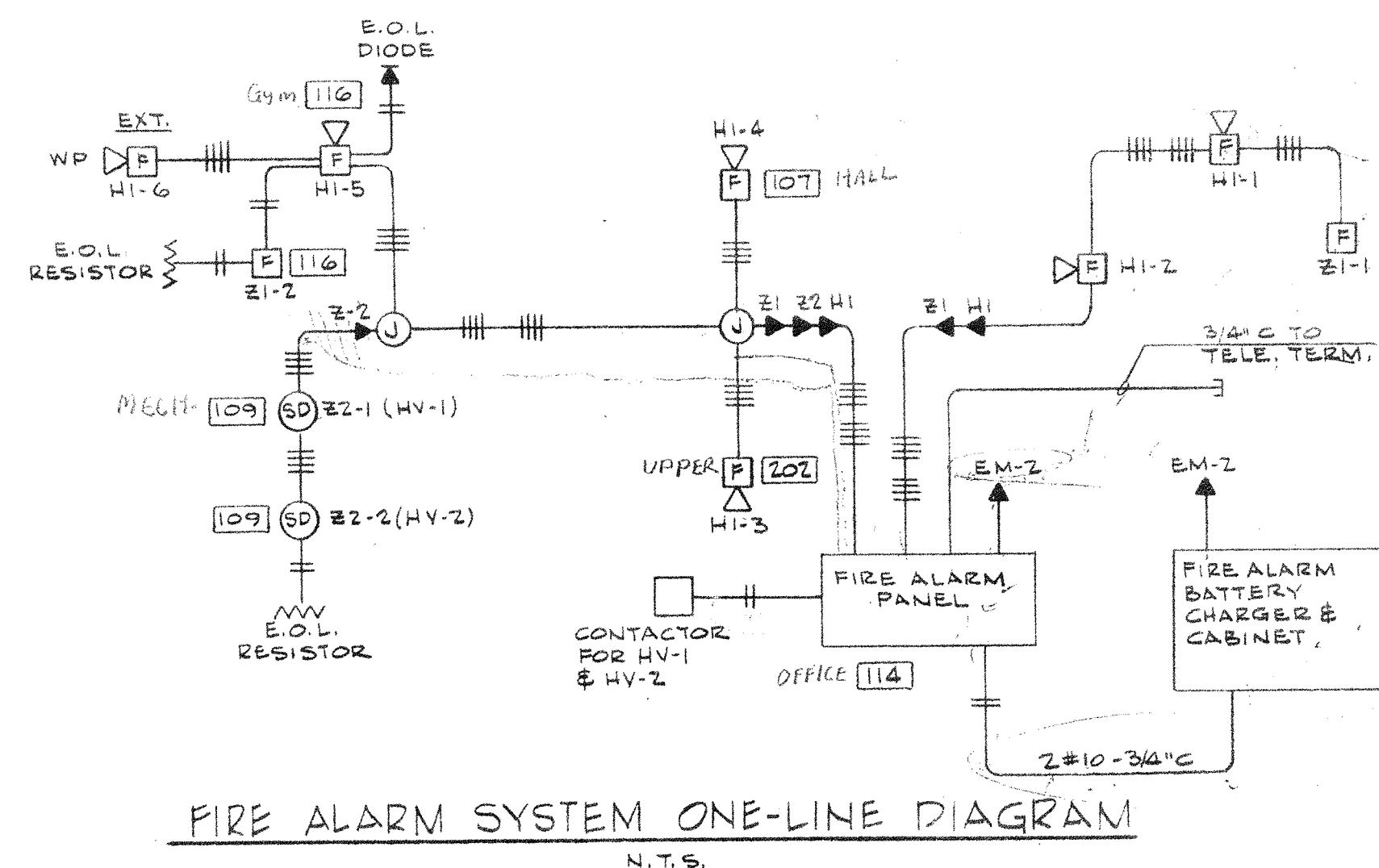
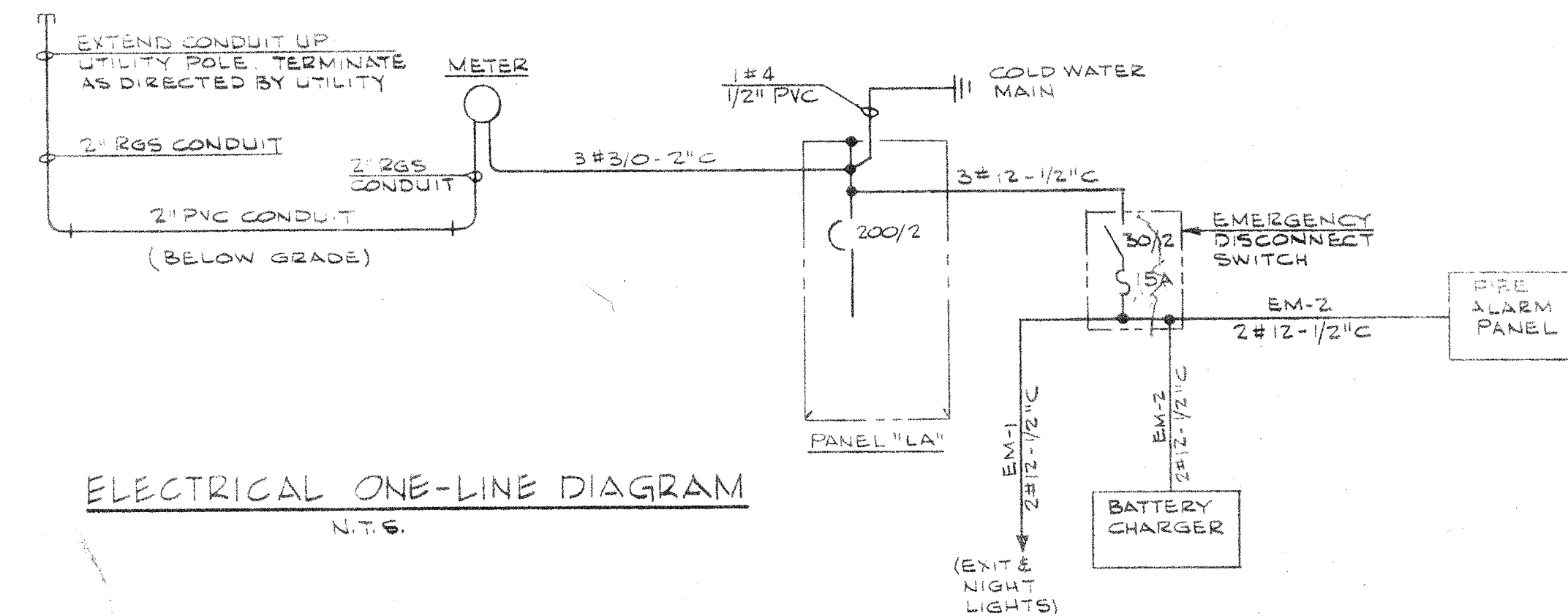
DRAWN BY JWE
CHECKED BY PEP
DATE 2-27-75

SHEET 15

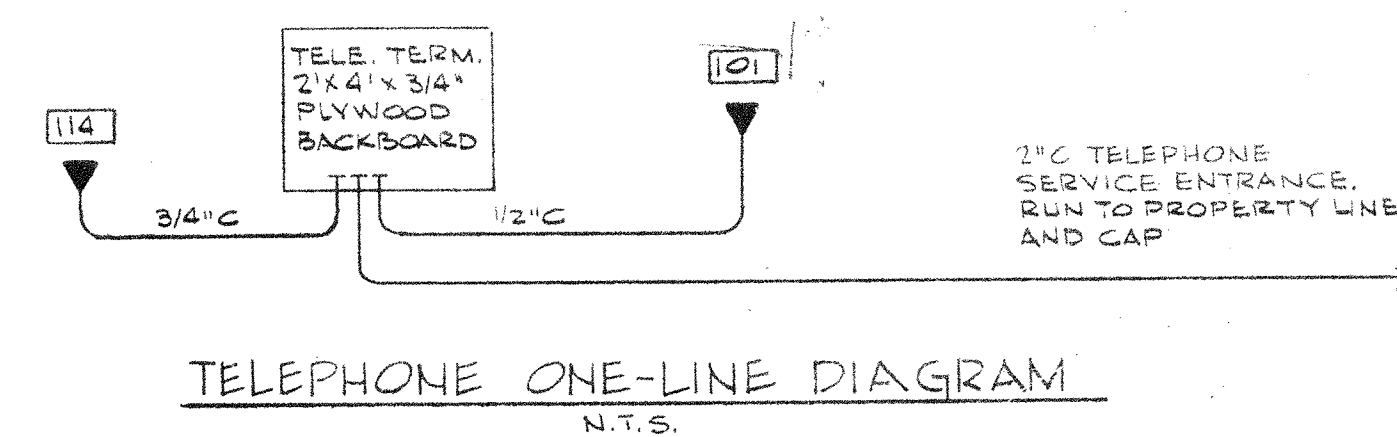
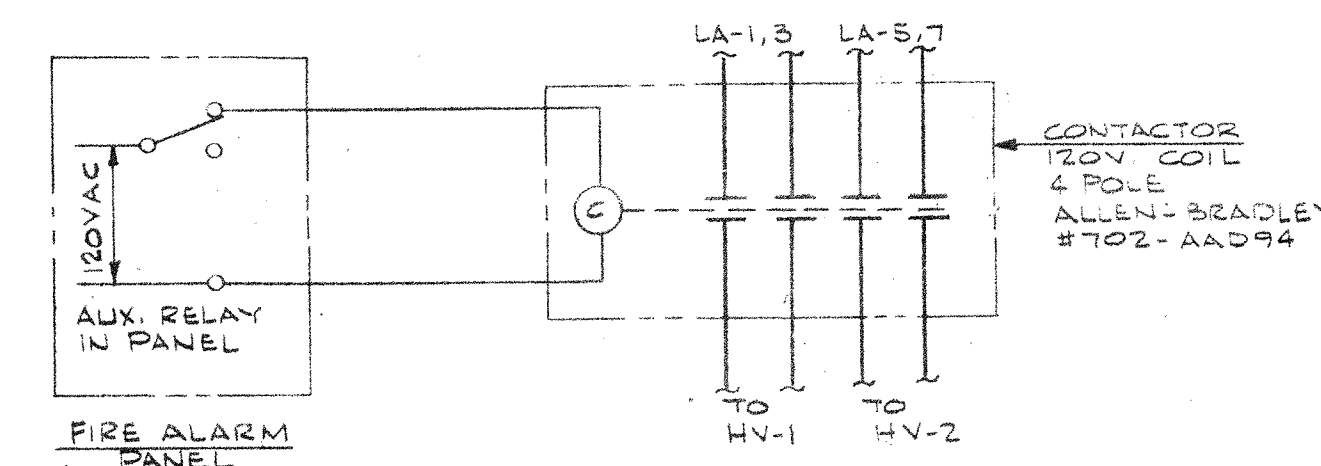


- NOTES
- 1 NEMA 10-50R RECEPTACLE WITH 10-50P PLUG.
 - 2 SEE 1/4" SCALE PLAN, THIS SHEET.

SECONDARY SERVICE
120/240 1Ø, 3W



- ZONE NO 1 MANUAL STATIONS
ZONE NO 2 SMOKE DETECTORS HV-1 & HV-2



ST. HILL ACADEMY
GYMNASIUM
SPRINGS, COLORADO

ARCHITECT
CARLISLE B. GUY
COLORADO SPRINGS, COLORADO

