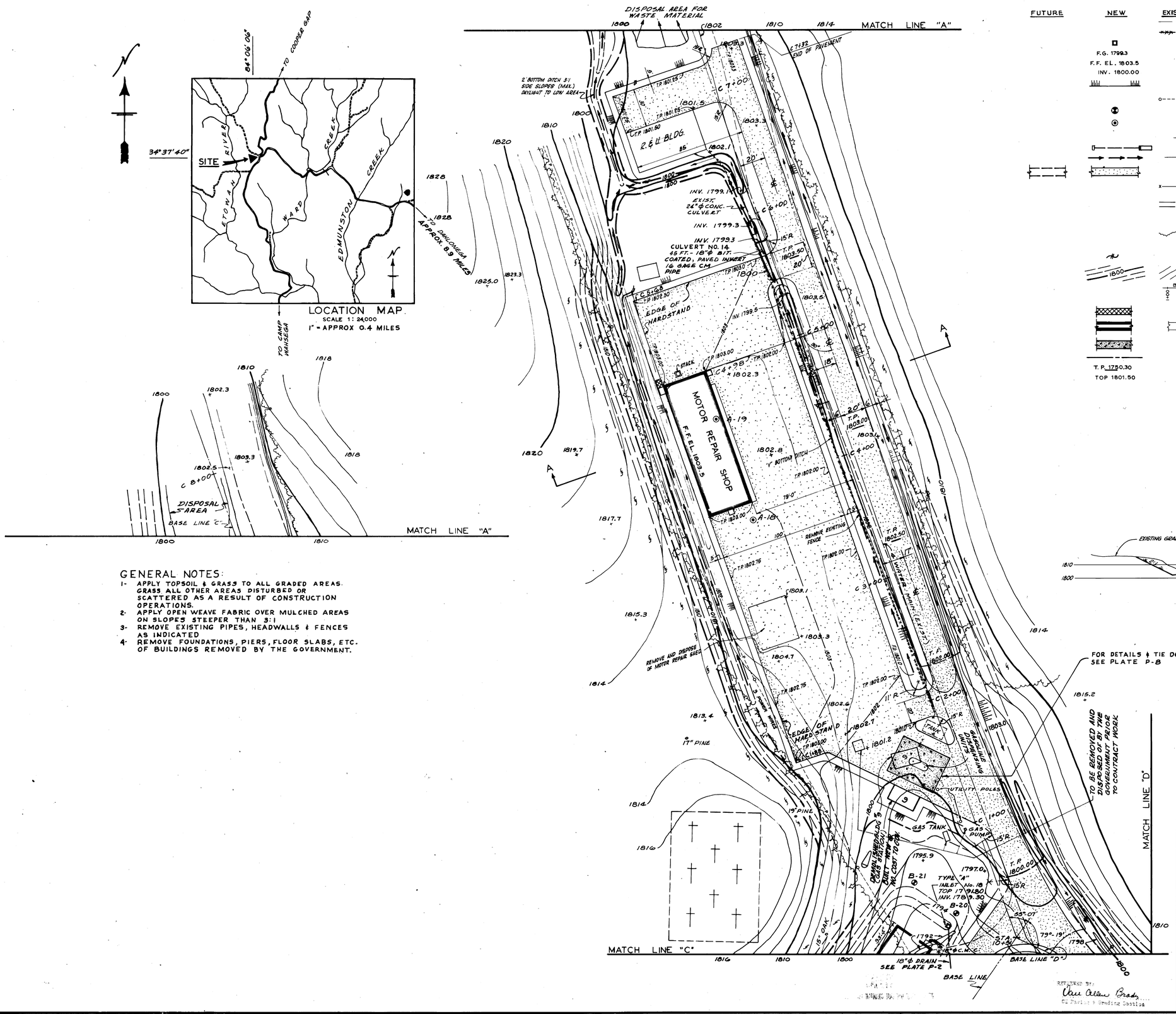
CORPS OF ENGINEERS | U. S. ARMY



GENERAL NOTES:

1- APPLY TOPSOIL & GRASS TO ALL GRADED AREAS. GRASS ALL OTHER AREAS DISTURBED OR SCATTERED AS A RESULT OF CONSTRUCTION OPERATIONS.
2- APPLY OPEN WEAVE FABRIC OVER MULCHED AREAS ON SLOPES STEEPER THAN 3:1
3- REMOVE EXISTING PIPES, HEADWALLS & FENCES AS INDICATED
4- REMOVE FOUNDATIONS, PIERS, FLOOR SLABS, ETC. OF BUILDINGS REMOVED BY THE GOVERNMENT.

LEGEND

FUTURE	NEW	EXISTING	
			WATER LINE
			UTILITY TO BE REMOVED
			INLET
	F.G. 1799.3		FINISHED EARTH GRADE
	F.F. EL. 1803.5		FINISHED FLOOR ELEVATION
	INV. 1800.00		INVERT ELEVATION
			EDGE OF ROAD SHOULDER
			POWER LINE WITH POLE
			SPLIT SPOON PENETRATION
			AUGER BORING
			CULVERT WITHOUT HEADWALL
			CULVERT WITH HEADWALL & DITCH PAVEMENT
			DITCH
			BITUMINOUS PAVEMENT
			FENCE
			UNPAVED ROAD
			CEMETERY
			WOODS LINE
		+ 32.1	SPOT ELEVATION
			CLEARING LINE
	1800		CONTOURS
		1+00 BASE LINE 2+00	STATIONS ON BASE LINE
			CONCRETE WALK
			STRUCTURES
			CONCRETE PAVEMENT
			STORM DRAIN
	T. P. 1750.30		TOP OF FINISHED PAVEMENT GRADE
	TOP 1801.50		ELEVATION TOP OF INLET

NOTES:

1 ALIGNMENT OF ROADS ARE BASED ON SCALED DIMS. TAKEN FROM TOPOGRAPHIC PLANS AND SHALL BE ADJUSTED BY THE CONTRACTOR AS APPROVED BY THE CONTRACTING OFFICER.
2 DEMOLISHED BUILDING No. 9 (GAS STATION) AS SHOWN. *
3 FOR CURVE, ROAD INFORMATION NOT SHOWN SEE PLATE P.4.
4 SEE PLATE P.7 FOR BORING & SPLIT SPOON PENETRATION INFORMATION.

* BUILDING FOUND TO BE UNUSEABLE. NEW STRUCTURE BUILT AT NO ADDITIONAL COST TO GOVERNMENT.

RECORD DRAWING

REVISION	DATE	DESCRIPTION	DR.	BY
1	2-4-64	REVISED AS BUILT		
		REVISED & ADAPTED BY:		
		EASTERN ENGINEERING CO.		

U. S. ARMY ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

DESIGNED BY: A.J.C.
DESIGN CHECKED BY: H.R.L.
DRAWN BY: H.R.L. CHECKED BY: A.J.C.
SUBMITTED BY: Chief of Const. Sup.
APPROVED: Chief Found. & Mat. Branch
APPROVED: COL. CORPS OF ENGINEERS, DISTRICT ENGINEER
DATE 15 OCTOBER 1962

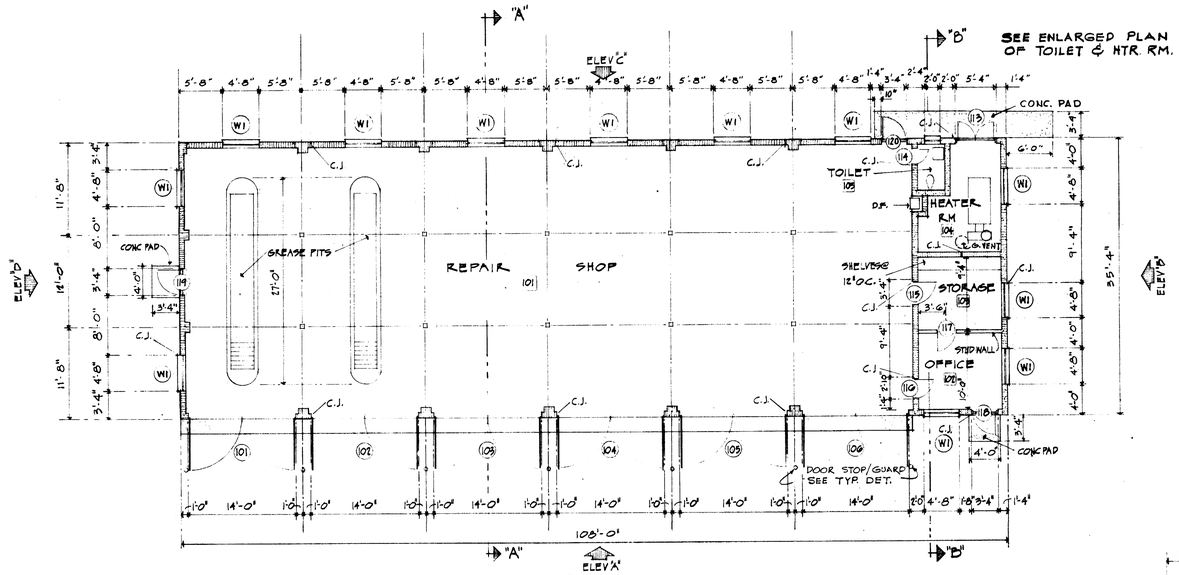
BLACK FARM RANGER CAMP
DAHLONEGA, GA.
GRADING, DRAINAGE & PAVING PLAN

APPROVED: Chief, Engineering Division

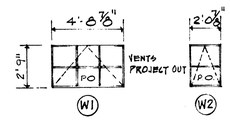
SCALE 1" = 30' | SERIAL NO. ENG 09-133-63-14
SHEET | DRAWING NO. BEN 11-04-10 | PLATE P-1

SAV 2629

CORPS OF ENGINEERS — U. S. ARMY



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



ARCHITECTURAL PROJECTED WINDOWS
PROVIDE SECURITY SCREEN FOR STORAGE ROOM WINDOW.

WINDOW SCHEDULE
1/4" = 1'-0"

ROOM FINISH SCHEDULE

RM Nº	FLOOR	BASE	WAINSCOT	WALLS	CEILING	REMARKS
101	CONC	NONE	NONE	CMU	NONE	
102	CONC	WOOD	NONE	GYP BD/CMU	1/2" GYP BD	WOOD BASE ON WOOD PARTITION ONLY
103	CONC	WOOD	NONE	GYP BD/CMU	1/2" GYP BD	WOOD BASE ON WOOD PARTITION ONLY
104	CONC	NONE	NONE	CMU	5/8" GYP BD	1 HR. FIRE RATED CEILING
105	CONC	NONE	NONE	CMU	1/2" GYP BD	

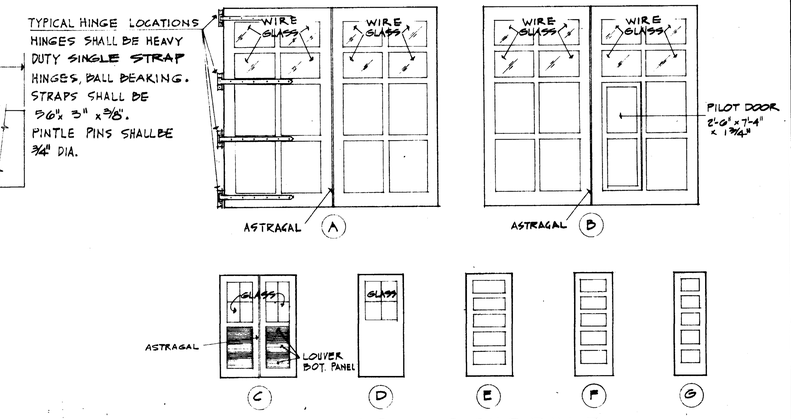
ROOM PAINTING SCHEDULE

BASE	WAINSCOT	WALLS	CEILING	TRIM	REMARKS
PAINT	NONE	PAINT	NONE	PAINT *	
PAINT	NONE	PAINT	PAINT	PAINT *	
PAINT	NONE	NONE	NONE	PAINT *	
NONE	NONE	NONE	NONE	PAINT *	
PAINT	NONE	SEMI-GLOSS ENAMEL	ENAMEL	ENAMEL	

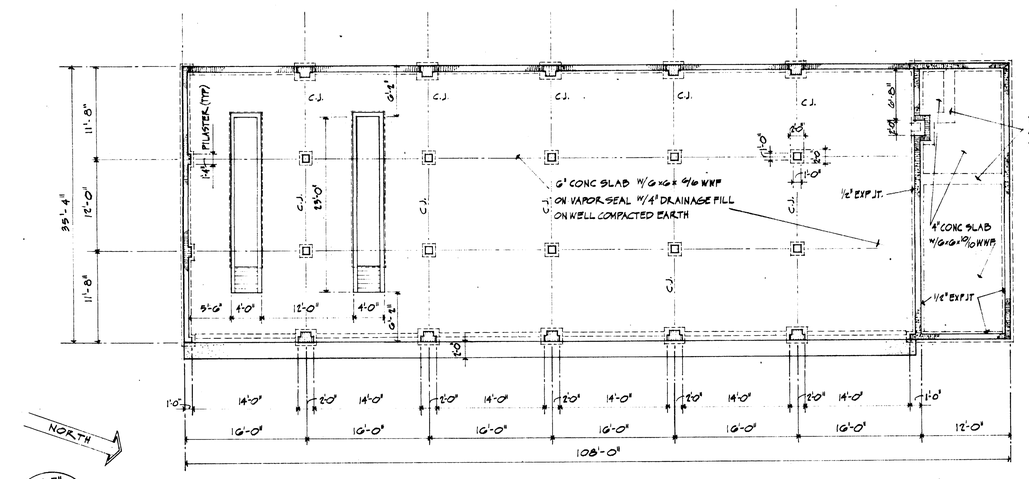
* NOTE: PAINT TRIM SEMI-GLOSS ENAMEL

DOOR SCHEDULE

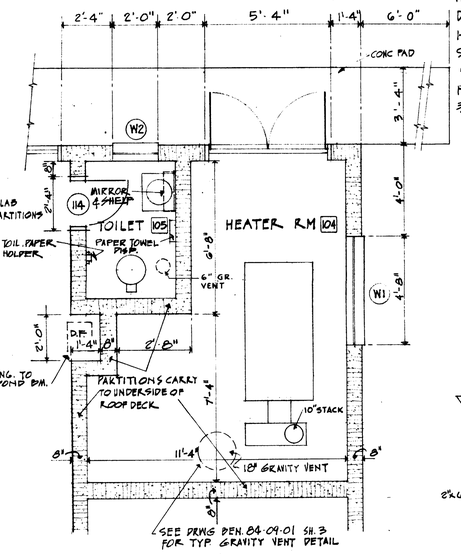
DOOR Nº	DOOR TYPE	DOOR MATERIAL	TYPE FRAME	SIZE WIDTH	SIZE HEIGHT	SIZE THICKNESS	CLOSER	LOUVER	THRES-HOLD	REMARKS
101	A	METAL	METAL	14'-0"	19'-0"	2 3/4"	NONE	NONE	NONE	
102	A	METAL	METAL	14'-0"	19'-0"	2 3/4"	NONE	NONE	NONE	
103	A	METAL	METAL	14'-0"	19'-0"	2 3/4"	NONE	NONE	NONE	
104	A	METAL	METAL	14'-0"	19'-0"	2 3/4"	NONE	NONE	NONE	
105	A	METAL	METAL	14'-0"	19'-0"	2 3/4"	NONE	NONE	NONE	
106	B	METAL	METAL	14'-0"	19'-0"	2 3/4"	NONE	NONE	NONE	
113	C	METAL	METAL	(2) 2'-6"	7'-0"	1 3/4"	NONE	LOUVER	METAL	LOUVER-BOTT PANELS
114	G	WOOD	WOOD	2'-0"	7'-0"	1 3/8"	NONE	NONE	NONE	
115	E	WOOD	WOOD	3'-0"	7'-0"	1 3/4"	NONE	NONE	NONE	
116	F	WOOD	WOOD	2'-0"	7'-0"	1 3/8"	NONE	NONE	NONE	
117	F	WOOD	WOOD	2'-0"	7'-0"	1 3/8"	NONE	NONE	NONE	
118	D	METAL	METAL	3'-0"	7'-0"	1 3/4"	CLOSER	NONE	METAL	
119	D	METAL	METAL	3'-0"	7'-0"	1 3/4"	CLOSER	NONE	METAL	
120	D	METAL	METAL	3'-0"	7'-0"	1 3/4"	CLOSER	NONE	METAL	



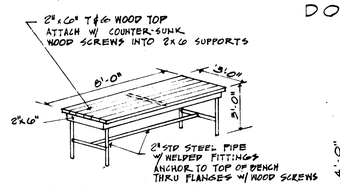
DOOR SCHEDULE
1/4" = 1'-0"



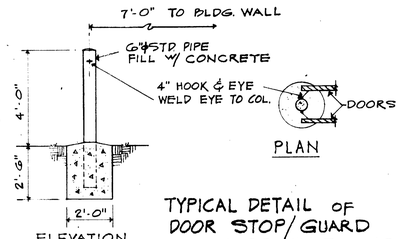
FOUNDATION PLAN
1/8" = 1'-0"



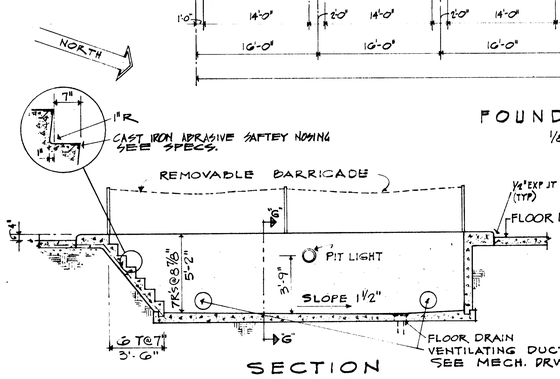
ENLARGED PLAN OF TOILET & HEATER RM.
3/8" = 1'-0"



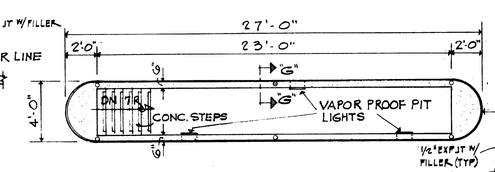
TYP WORK BENCH
(4) REQD.



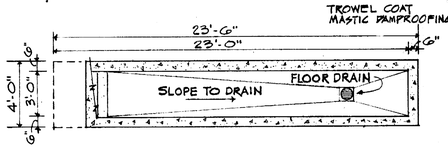
TYPICAL DETAIL OF DOOR STOP/GUARD FOR DOORS 101 THRU 106
3/8" = 1'-0"



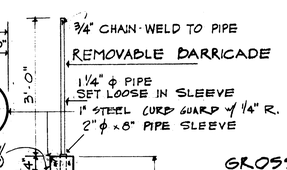
SECTION
1/4" = 1'-0"



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



PLAN AT PIT LEVEL
1/4" = 1'-0"



SECTION "G-G"
3/4" = 1'-0"

GREASE PIT DETAILS

GROSS FLOOR AREA - 3816 SQUARE FEET

SCHEDULE OF DRAWINGS

DWG Nº	SHEET Nº	TITLE
BEN 35-02-04	1 of 3	FOUNDATION & FLOOR PLAN & SCHEDULES
BEN 35-02-04	2 of 3	ELEVATIONS & DETAILS
BEN 35-02-04	3 of 3	ELECTRICAL & MECHANICAL
BEN 84-09-01	1 of 3	ROOF FRAMING DETS, WALL SECTIONS & MISCELLANEOUS DETAILS
DO.	2 of 3	DOOR, WINDOW & MISC. DETAILS
DO.	3 of 3	MISC. DETAILS

SAFETY
WEAR ACCIDENTS ARE WARNINGS THAT YOU FORGET SA CTV!

REVIEWED BY: George Q. Wilkins, Structural Section

GEORGIA REGISTERED No. 4133 PROFESSIONAL ENGINEER CHARLES R. LONG

RECORD DRAWING

REVISION	DATE	DESCRIPTION	DR.	BY
	2-4-64	AS BUILT		

EASTERN ENGINEERING COMPANY
ARCHITECTS-ENGINEERS
ATLANTA GEORGIA

U. S. ARMY ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

DESIGNED BY: GFA
DRAWN BY: GFA — CHECKED BY: HH & AC
SUBMITTED BY: PRINCIPAL OF FIRM
APPROVED: CHIEF ARCH. SECTION
APPROVED: CHIEF DESIGN BRANCH
APPROVED: COL. CORPS OF ENGINEERS, DISTRICT ENGINEER
DATE: 15 OCTOBER, 1962

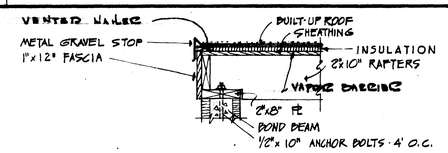
BLACK FARM RANGER CAMP
DAHLONEGA, GEORGIA
MODIFIED EMERGENCY TYPE CONSTRUCTION
MOTOR REPAIR SHOP
FOUNDATION & FLOOR PLAN & SCHEDULES

APPROVED: CHIEF ENGINEERING DIVISION
SCALE: AS NOTED — ENG 09-139-63-14
SHEET 1 of 3 — DRAWING NUMBER BEN 35-02-04 — PLATE AS-1

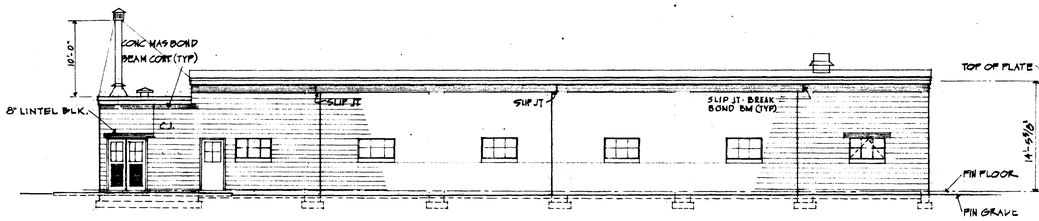
FORT BENNING 1/2/19 (24)

SAV 2651

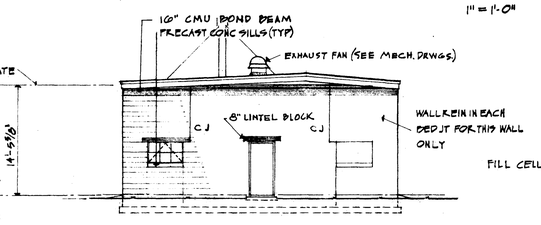
CORPS OF ENGINEERS 5 4 3 2 1 U. S. ARMY



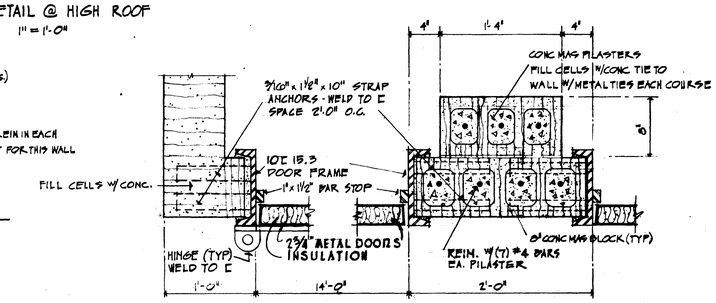
RAKE DETAIL @ HIGH ROOF
1" = 1'-0"



ELEVATION "C"
1/8" = 1'-0"

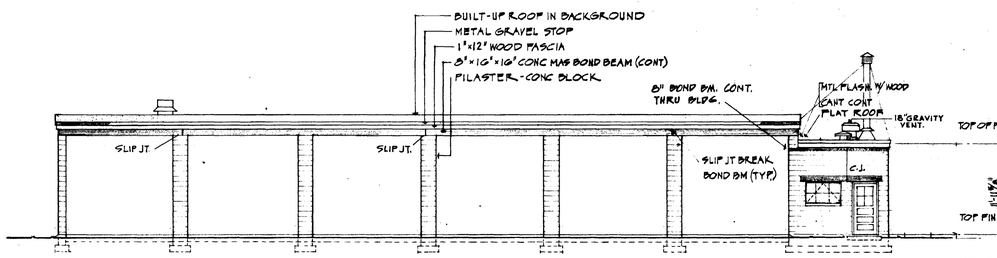


ELEVATION "D"
1/8" = 1'-0"

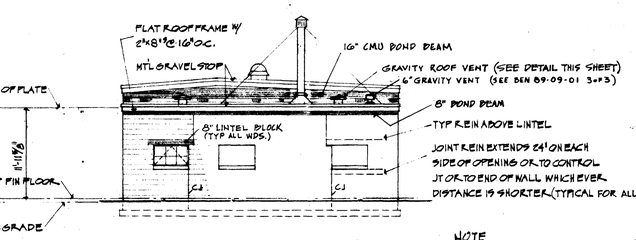


TYP JAMB @ ENDWALL
1 1/2" = 1'-0"

TYP JAMB @ PILASTER
1 1/2" = 1'-0"

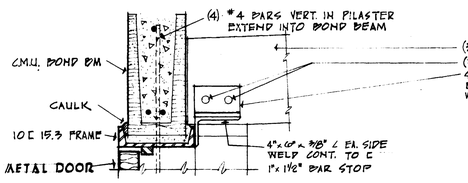


ELEVATION "A"
1/8" = 1'-0"

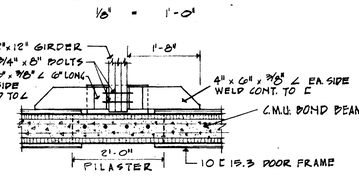


ELEVATION "B"
1/8" = 1'-0"

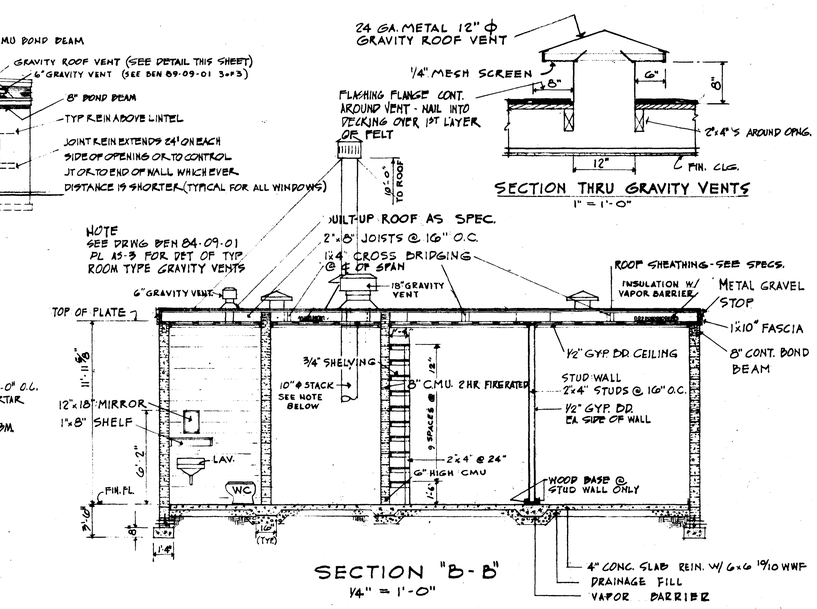
SECTION THRU GRAVITY VENTS
1" = 1'-0"



TYP HEAD SECTION
1 1/2" = 1'-0"



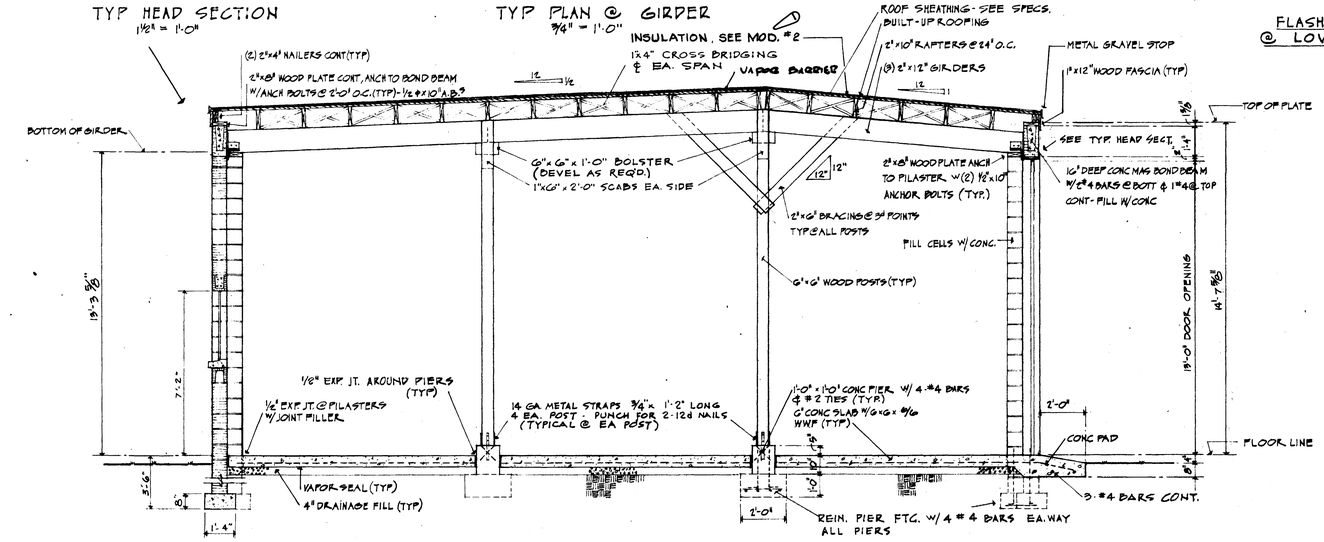
TYP PLAN @ GIRDER
3/4" = 1'-0"



SECTION "B-B"
1/4" = 1'-0"

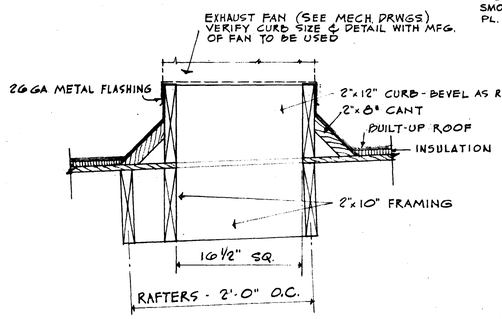
STACK NOTE: USE DOUBLE JOISTS & HEADERS TO FRAME AROUND STACK. OPENING AND GUYS SHALL BE SIMILAR TO SMOKE PIPE DETAILS DWG. BEN 84-09-01 PL. A3-3.

FLASHING DETAIL @ LOW ROOF
1" = 1'-0"



CROSS SECTION "A-A"
3/8" = 1'-0"

NOTE:
EXTEND PILASTER REIN. RODS INTO FOOTINGS.



EXHAUST FAN CURB DETAIL
1 1/2" = 1'-0"

SAFETY
NEAR ACCIDENTS ARE WARNINGS THAT YOU FORGOT SAFETY!

REVIEWED BY:
George G. Wilkins
Chief, Structural Section

RECORD DRAWING

REVISION	DATE	DESCRIPTION	DR.	BY
1	2-4-64	REVISED AS BUILT		

EASTERN ENGINEERING COMPANY
ARCHITECTS-ENGINEERS
ATLANTA GEORGIA

U. S. ARMY ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

DESIGNED BY: GPA
DRAWN BY: GPA
CHECKED BY: HH & AC
SUBMITTED BY: PRINCIPAL OF FIRM
APPROVED: CHIEF ARCH. SECTION
APPROVED: CHIEF DESIGN BRANCH
APPROVED: Jack P. Harris, COL., CORPS OF ENGINEERS, DISTRICT ENGINEER
DATE: 15 OCTOBER, 1962

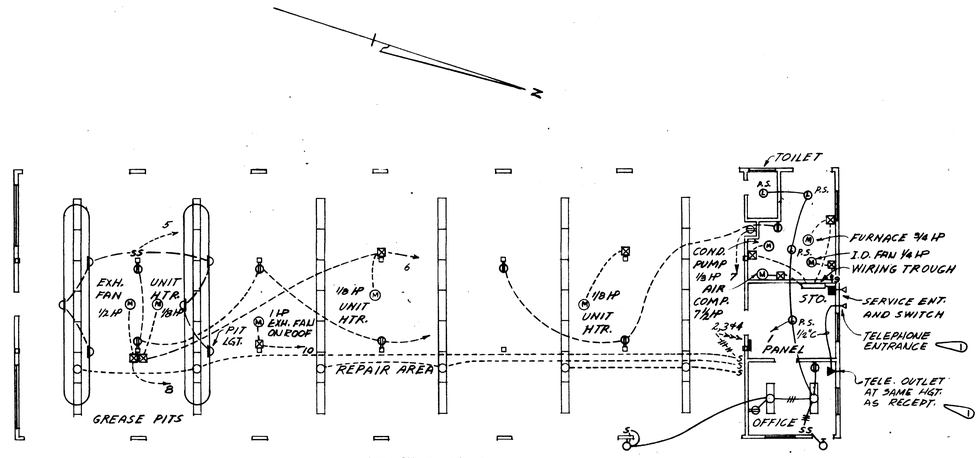
BLACK FARM RANGER CAMP
DAHLONEGA, GEORGIA
MODIFIED EMERGENCY TYPE CONSTRUCTION
MOTOR REPAIR SHOP
ELEVATIONS & DETAILS

APPROVED: Chief, Engineering Division
SCALE: AS NOTED
SERIAL NO. ENG-09-173-62-16
SHEET 2 of 3
DRAWING NUMBER BEN 35-02-04
PLATE A3-2

FORT BENNING 1/1/7

SAV 2652

Hologon N. O. 1983M "Approved"

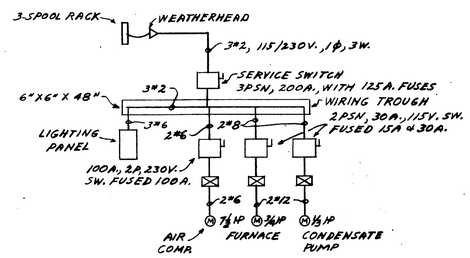


LIGHTING PLAN
SCALE: 1/8" = 1'-0"

NOTE:
EXCEPT FOR THE HEATER ROOM THE ENTIRE MOTOR REPAIR SHOP SHALL BE CONSIDERED TO BE A CLASS 1, DIVISION 2 LOCATION TO A HEIGHT OF 18" ABOVE FLOOR LEVEL.

LIGHTING FIXTURE SCHEDULE						
ROOM DESIGNATION	QUANTITY	TYPE *	SHEET NO. *	LAMP NO. & SIZE	MTG. HGT.	REMARKS
OFFICE	2	F-9	43	2-40W.	CLG.	
STORAGE	1	LRP	2	1-300W.	CLG.	
HEATER	2	LRP	2	1-100W.	CLG.	
TOILET	1	LRP	2	1-100W.	CLG.	
REPAIR	42	F-10	43	2-40W.	13'-6"	
EXTERIOR	3	VG-3	11	1-75W.	9'-0"	

PIT LIGHTS SHALL BE CLASS 1, GROUP D EXPLOSION PROOF, RECESSED, WITH 200W. LAMP, REFRACTOR LENS AND CAST ALUMINUM BODY, COVER AND GUARD.
* REFERS TO C.E. DWG. NO. 40-06-04



RISER DIAGRAM
NO SCALE

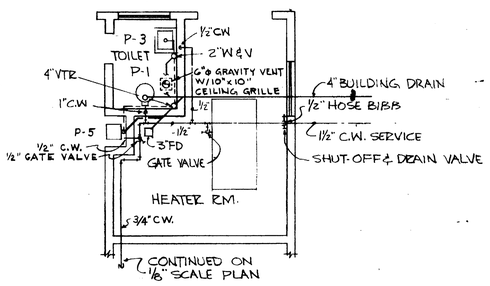
PANEL SCHEDULE										
MAINS: 100 AMP., 115/230 VOLTS, 1Φ, 3W, 2P. MAIN BREAKER										
CKT. NO.	SERVES EQUIPMENT	BREAKER RATING FRAME	TRIP	POLES	CLASS	CIRCUIT WIRE	CONDUIT	LOAD KVA	REMARKS
1	LTG.	50	20	1	A	#12		1.250	
2								1.400	
3								1.400	
4								1.400	
5	PIT LIGHTS							1.200	
6	UNIT HTR.							.300	
7	RECEPT.							.720	
8	EXH. FAN			2				1.130	
9	I.D. FAN			1				.700	
10	EXH. FAN		30	2				1.700	
11			20	1					
12			20	1					

LEGEND

- CEILING OUTLET WITH INCANDESCENT FIXTURE
- WALL OUTLET WITH INCANDESCENT FIXTURE
- JUNCTION BOX
- LAMP HOLDER WITH PULL SWITCH
- THERMOSTAT; 5'-0" UP
- OUTLET WITH FLUORESCENT FIXTURE
- SINGLE POLE SWITCH; 4'-6" UP
- DUPLEX CONVENIENCE OUTLET; 4'-6" UP
- LIGHTING PANEL
- BRANCH CIRCUIT; CONCEALED IN CEILING OR WALL
- BRANCH CIRCUIT; CONCEALED IN FLOOR
- BRANCH CIRCUIT; EXPOSED
- HOME RUN TO PANEL; ARROWS INDICATE NO. OF CIRCUITS NOTE: ANY CIRCUIT WITHOUT FURTHER DESIGNATION IS A TWO WIRE CIRCUIT. A GREATER NO. OF WIRES IS DESIGNATED AS FOLLOWS: (3-WIRES), (4-WIRES). EQUIP. GROUNDING WIRES NOT SHOWN.
- FEEDER
- MOTOR
- SERVICE SWITCH OR BREAKER
- CONTROLLER
- ISOLATING SWITCH
- TELEPHONE OUTLET

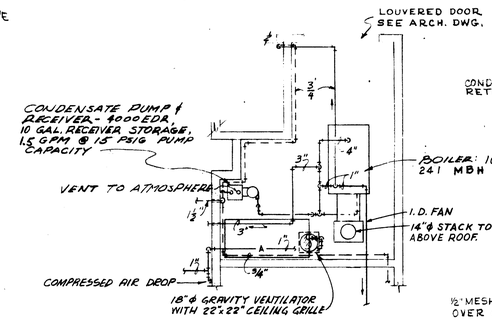
RADIATOR SCHEDULE			
RADIATOR NO.	MIN. TOTAL BTUH	ROWS HIGH	
R-1	8625	1	
R-2	4343	1	
R-3	6415	1	
R-4	1992	1	

NOTE:
INSTALL RADIATORS WITH BOTTOM OF COVER 1'-6" FROM FINISHED FLOOR.

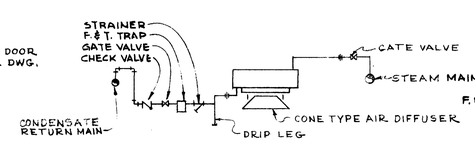


TOILET AND HEATER ROOM (PLUMBING)
SCALE: 1/4" = 1'-0"

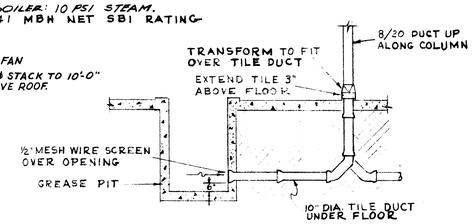
FIXTURE CONNECTIONS				
	FIXTURE	SOIL & WASTE	COLD WATER	HOT WATER
P-1	WATER CLOSET	4"	1"	—
P-3	LAVATORY	1 1/4"	1/2"	—
P-5	DRINKING FOUNT.	2"	1/2"	—



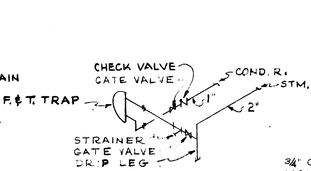
HEATER ROOM PLAN
SCALE 1/4" = 1'-0"



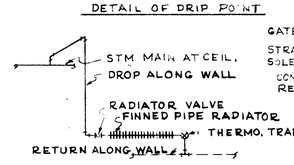
CONN. TO UNIT HEATERS



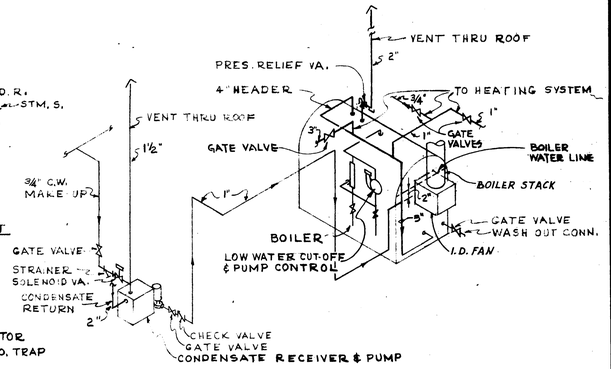
DETAIL OF PIT VENTILATION
N.T.S.



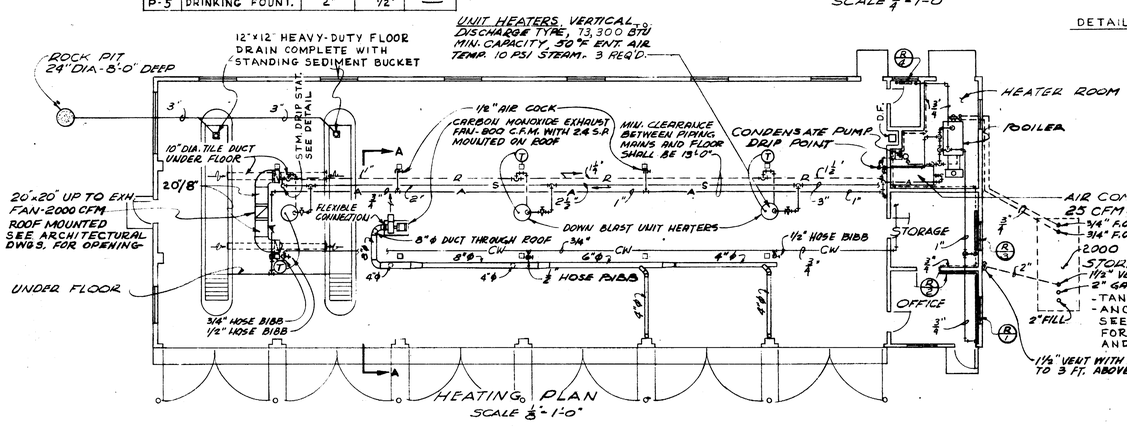
DETAIL OF DRIP POINT



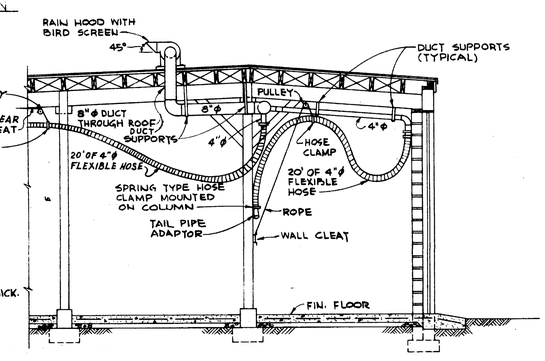
DETAIL - DOWN FEED RADIATORS
N.T.S.



BOILER PIPING DIAGRAM



HEATING PLAN
SCALE 1/8" = 1'-0"



SAFETY
NEAR ACCIDENTS ARE WARNINGS THAT YOU FORGOT SAFETY!

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

REVIEWED BY: CH Electrical Section

RECORD DRAWING

REVISION	DATE	DESCRIPTION	DR.	BY
	2-4-64	AS BUILT		
1	5-23-62	ADDED TELEPHONE CONDUIT AND OUTLET		

EASTERN ENGINEERING COMPANY
ARCHITECTS - ENGINEERS
ATLANTA GEORGIA

U. S. ARMY ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

DESIGNED BY: GBD & JAH
DRAWN BY: JAH
CHECKED BY: RJW & JWB
SUBMITTED BY: PRINCIPAL OF FIRM
APPROVED: CHIEF MECHANICAL SECTION
APPROVED: CHIEF DESIGN BRANCH
APPROVED: COL., CORPS OF ENGINEERS, DISTRICT ENGINEER
DATE: 15 OCTOBER, 1962

BLACK FARM RANGER CAMP
DAHLONEGA, GEORGIA
MODIFIED EMERGENCY TYPE CONSTRUCTION
MOTOR REPAIR SHOP
PLUMBING, HEATING & VENTILATING & ELECTRICAL

APPROVED: CHIEF ENGINEERING DIVISION
SCALE: AS NOTED
SERIAL NO. ENG.-09-153-63-14
SHEET 3
DRAWING NUMBER BEN 35-02-04
PLATE ME-3

FORT BENNING 1/1/11

SAV 2653