PROJECT:

ROOF REPLACEMENTS/REPAIRS

PUTNAM & ROCKVILLE ARMORIES, PUTNAM & ROCKVILLE, CONNECTICUT

PROJECT NUMBER: MD 33-02-501

STATE OF CONNECTICUT

JOHN G. ROWLAND
GOVERNOR

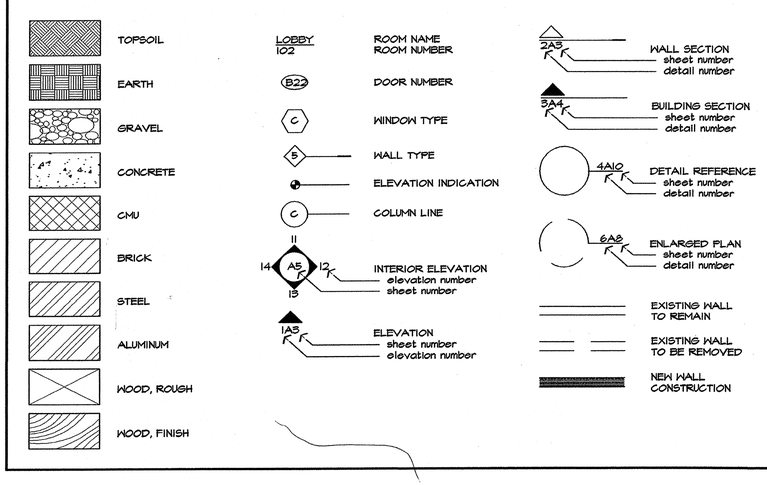
MILITARY DEPARTMENT

MAJOR GENERAL WILLIAM A. CUGNO
THE ADJUTANT GENERAL

STATE OF CONNECTICUT
MILITARY DEPARTMENT
FACILITIES MANAGEMENT OFFICE

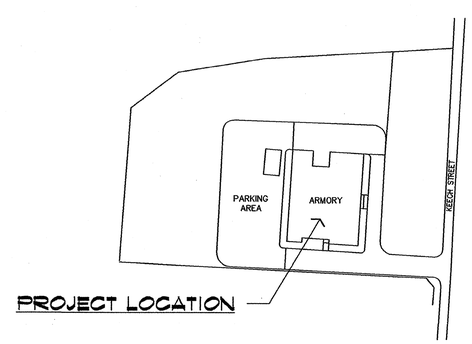
360 BROAD STREET
HARTFORD, CONNECTICUT 06105

MATERIALS AND SYMBOLS LEGEND



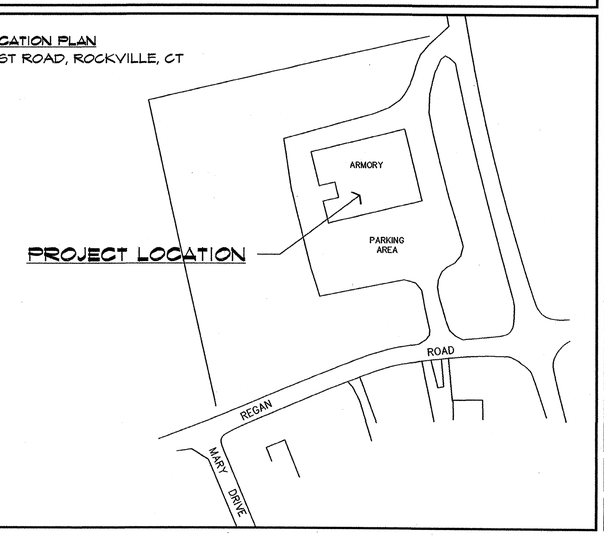
LOCATION PLAN

15 KEECH STREET, PUTNAM, CT



LOCATION PLAN

WEST ROAD, ROCKVILLE, CT



LIST OF DRAWINGS

0.0 COVER SHEET
A.1 ROOF PLAN (PUTNAM ARMORY)
A.2 ROOF PLAN (ROCKVILLE ARMORY)
A.3 ROOF DETAILS

Architect/Engineer

REVISION		
Mark	Date	Description

Drawn by: GEF
App'd by: EST
Scale: AS NOTED
File as:

STATE OF CONNECTICUT
MILITARY DEPARTMENT
Facilities Management Office
360 Broad Street Hartford, CT 06105
860.493.2729 Fax 860.524.4457

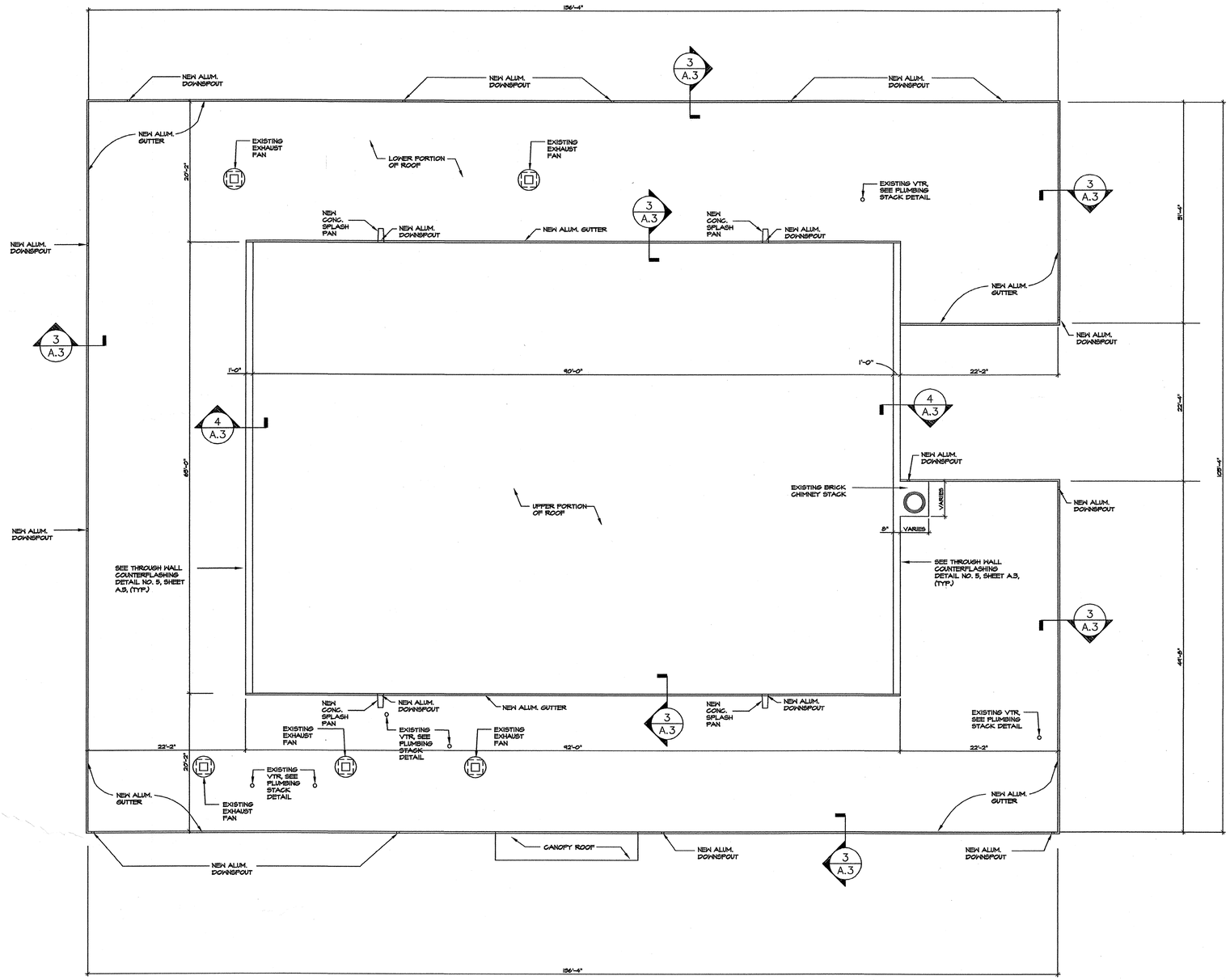
Project
ROOF REPLACEMENTS
REPAIRS
Putnam & Rockville Armories, Connecticut

Drawing Title
COVER SHEET

Date
14 FEB 2002

Drawing No.
0.0

Project No.
MD 33-02-501



ROOF PLAN (Putnam Armory)

1/8" = 1'-0"

GENERAL NOTES:

1. MINIMUM THICKNESS FOR FLASHINGS, DRIP EDGES, FASCIAS, SOFFITS, METAL TRIM, GUTTERS AND DOWNSPOUTS SHALL BE .040" ALUMINUM. FASCIAS, SOFFITS, METAL TRIM, GUTTERS AND DOWNSPOUTS SHALL HAVE PREFINISHED ALUMINUM, COLOR, FACTORY APPLIED, AS SELECTED AND APPROVED BY THE CONTRACTING OFFICER. WRAP ALL SOFFITS/OVERHANGS, FASCIAS, AND WOOD TRIM WITH ALUMINUM, AS SPECIFIED. SOFFITS/OVERHANGS AND FASCIAS VARY, FIELD VERIFY ALL SIZES AND DIMENSIONS.

2. WOOD FASCIA REPLACEMENT SHALL BE AS DIRECTED BY THE CONTRACTING OFFICER. NEW FASCIA SHALL BE PRESSURE TREATED PINE, SIZE TO MATCH EXISTING, FIELD VERIFICATION SHALL BE REQUIRED. SEE UNIT PRICES AND ALLOWANCES SECTIONS OF SPECIFICATIONS, SECTIONS 01026 AND 01210.

3. MASONRY JOINT REPOINTING, AT CHIMNEY AND NEAR TOP OF BRICK WALLS, SHALL BE AS DIRECTED BY THE CONTRACTING OFFICER. NEW JOINTS SHALL MATCH EXISTING MORTAR COLOR AND PROFILE. SEE UNIT PRICES AND ALLOWANCES SECTIONS OF SPECIFICATIONS, SECTIONS 01026 AND 01210.

4. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND SITE CONDITIONS. PROPOSED ROOF DETAILS VARY WITH ACTUAL SITE CONDITIONS. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF PROPOSED ROOF DETAILS, REFLECTING ACTUAL SITE CONDITIONS.

5. REMOVE ALL EXISTING GUTTERS, DOWNSPOUTS, SPLASHBLOCKS, AND RESPECTIVE HARDWARE. FURNISH AND INSTALL NEW GUTTERS, DOWNSPOUTS AND HARDWARE, SEE SPECIFICATION SECTION 07600. FURNISH AND INSTALL NEW CONCRETE SPLASHBLOCKS AT ALL DOWNSPOUT LOCATIONS, UNLESS NOTED OTHERWISE.

6. REMOVE ALL EXISTING ROOFING MATERIALS AND FLASHINGS DOWN TO EXISTING SUBSTRATE, AS PER SPECIFICATIONS. CONTRACTOR SHALL ASSUME THAT EXISTING ROOFING AND FLASHINGS CONTAIN ASBESTOS AND SHALL PROPERLY REMOVE AND DISPOSE OF MATERIALS AS PER SPECIFICATIONS AND GOVERNING CODES AND REGULATIONS, SEE SPECIFICATIONS SECTION 02082.

7. REMOVE ALL EXISTING SPRAYED URETHANE FROM ALL MATERIALS AND SURFACES TO REMAIN.

8. AREAS OF WORK SHALL INCLUDE THE ENTIRE ROOF, TO INCLUDE THE UPPER, LOWER, AND CANOPY SECTIONS OF THE ROOF.

Architect/Engineer

REVISION

Mark	Date	Description

Drawn by: GEF
App'd by: EST
Scale: AS NOTED
File as:

North

STATE OF CONNECTICUT
MILITARY DEPARTMENT
Facilities Management Office
360 Broad Street Hartford, CT 06105
860.493.2123 Fax 860.524.4951

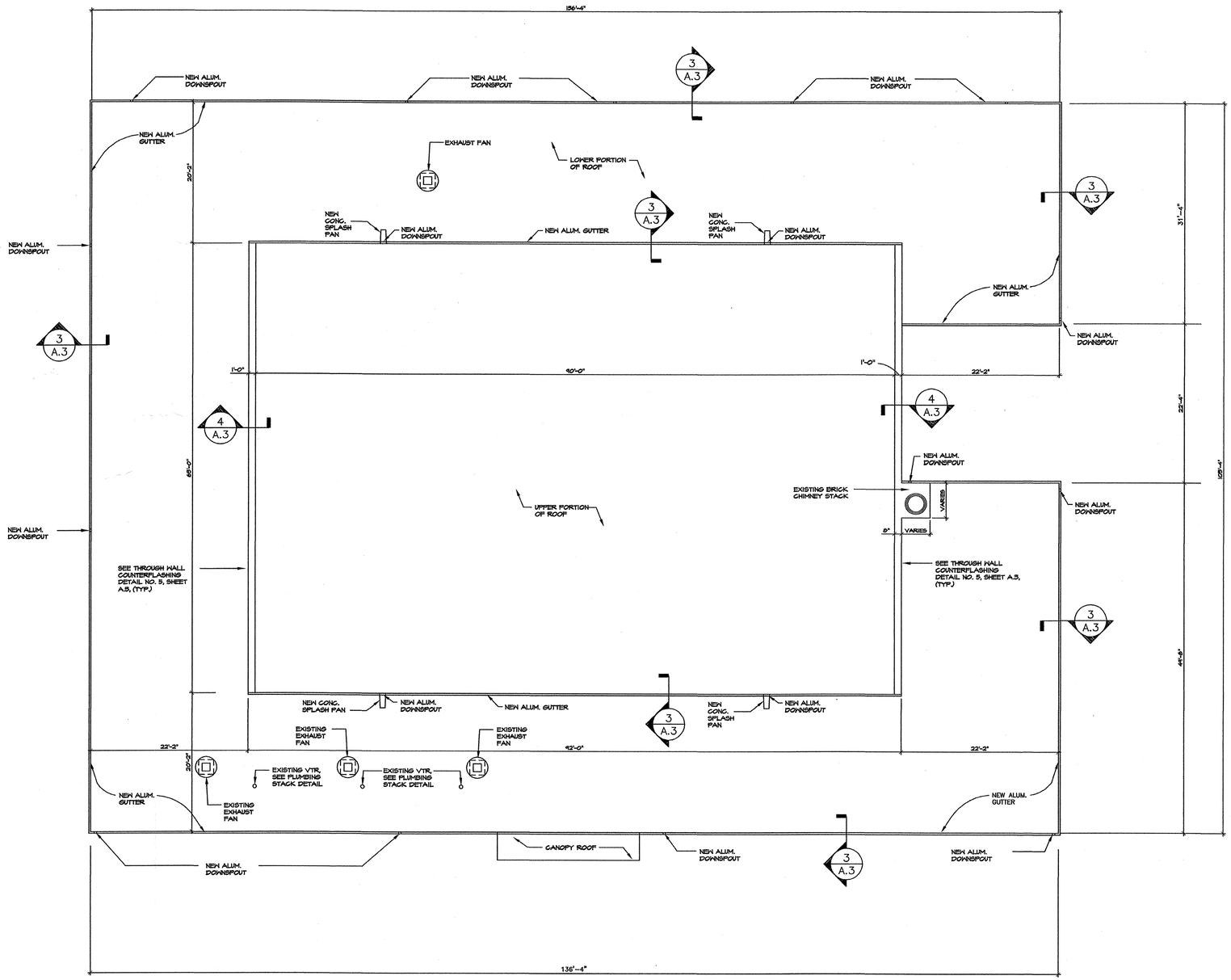
Project
ROOF REPLACEMENTS REPAIRS
Putnam & Rockville Armories, Connecticut

Drawing Title
ROOF PLAN (Putnam Armory)

Date
14FEB02

Drawing No.
A.1

Project No.
MD 33-02-501



ROOF PLAN (Rockville Armory)

1/8" = 1'-0"

GENERAL NOTES:

1. MINIMUM THICKNESS FOR FLASHINGS, DRIP EDGES, FASCIAS, SOFFITS, METAL TRIM, GUTTERS AND DOWNSPOUTS SHALL BE .040" ALUMINUM. FASCIAS, SOFFITS, METAL TRIM, GUTTERS AND DOWNSPOUTS SHALL HAVE PREFINISHED ALUMINUM, COLOR, FACTORY APPLIED, AS SELECTED AND APPROVED BY THE CONTRACTING OFFICER. WRAP ALL SOFFITS/OVERHANGS, FASCIAS, AND WOOD TRIM WITH ALUMINUM, AS SPECIFIED. SOFFITS/OVERHANGS AND FASCIAS VARY, FIELD VERIFY ALL SIZES AND DIMENSIONS.

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4. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND SITE CONDITIONS. PROPOSED ROOF DETAILS VARY WITH ACTUAL SITE CONDITIONS. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF PROPOSED ROOF DETAILS, REFLECTING ACTUAL SITE CONDITIONS.

5. REMOVE ALL EXISTING GUTTERS, DOWNSPOUTS, SPLASHBLOCKS, AND RESPECTIVE HARDWARE. FURNISH AND INSTALL NEW GUTTERS, DOWNSPOUTS AND HARDWARE, SEE SPECIFICATION SECTION 07600. FURNISH AND INSTALL NEW CONCRETE SPLASHBLOCKS AT ALL DOWNSPOUT LOCATIONS, UNLESS NOTED OTHERWISE.

6. REMOVE ALL EXISTING ROOFING MATERIALS AND FLASHINGS DOWN TO EXISTING SUBSTRATE, AS PER SPECIFICATIONS. CONTRACTOR SHALL ASSUME THAT EXISTING ROOFING AND FLASHINGS CONTAIN ASBESTOS AND SHALL PROPERLY REMOVE AND DISPOSE OF MATERIALS AS PER SPECIFICATIONS AND GOVERNING CODES AND REGULATIONS, SEE SPECIFICATIONS SECTION 02082.

7. REMOVE ALL EXISTING SPRAYED URETHANE FROM ALL MATERIALS AND SURFACES TO REMAIN.

8. AREAS OF WORK SHALL INCLUDE THE ENTIRE ROOF, TO INCLUDE THE UPPER, LOWER, AND CANOPY SECTIONS OF THE ROOF.

Architect/Engineer

REVISION

Mark	Date	Description

Drawn by: GEF
App'd by: EST
Scale: AS NOTED
File as:

North

STATE OF CONNECTICUT
MILITARY DEPARTMENT
Facilities Management Office
360 Broad Street Hartford, CT 06105
860.493.2125 Fax 860.524.4951

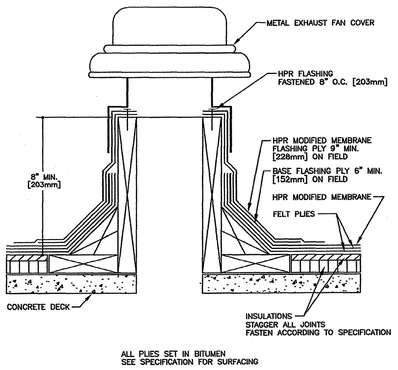
Project
ROOF REPLACEMENTS & REPAIRS
Putnam & Rockville Armories, Connecticut

Drawing Title
ROOF PLAN
(Rockville Armory)

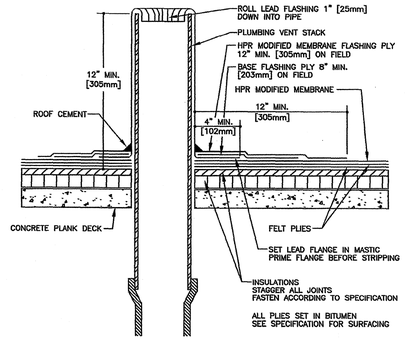
Date
14FEB02

Drawing No.
A.2

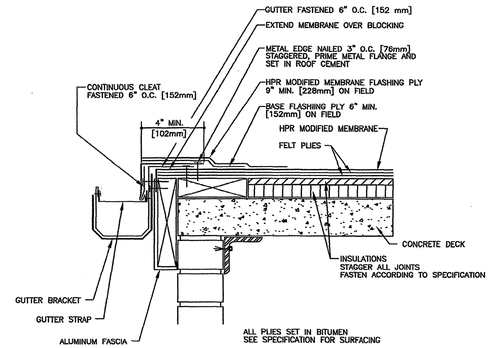
Project No.
MD 33-02-501



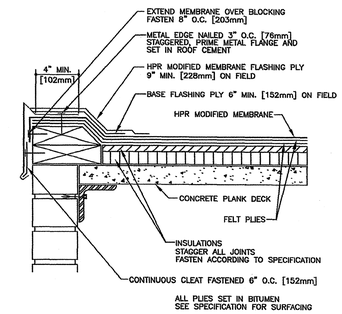
1 EXHAUST FAN DETAIL
N.T.S.



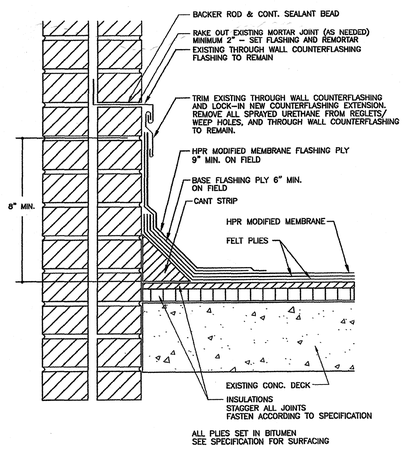
2 PLUMBING STACK
N.T.S.



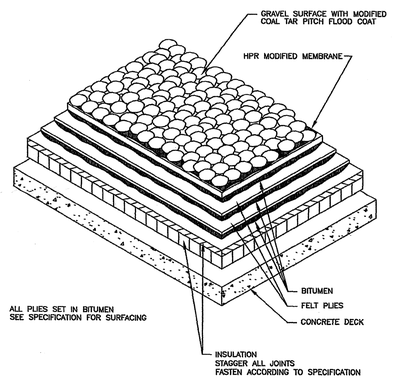
3 ROOF EDGE WITH GUTTER
N.T.S.



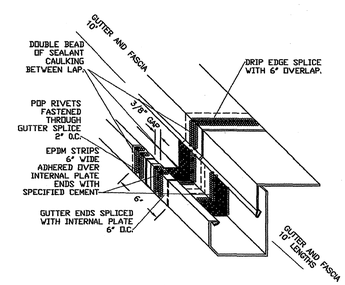
4 RAISED METAL EDGE
N.T.S.



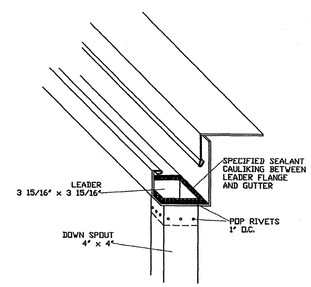
5 THROUGH WALL COUNTERFLASHING
N.T.S.



6 TYPICAL SECTION - GRAVEL FINISH
N.T.S.



7 GUTTER & FASCIA METAL SPLICING DETAIL
N.T.S.



8 LEADER DOWNSPOUT CONNECTION DETAIL
N.T.S.

Architect/Engineer

REVISION

Mark	Date	Description

Drawn by: GEF
App'd by: EST
Scale: AS NOTED
File as:

North

STATE OF CONNECTICUT
MILITARY DEPARTMENT
Facilities Management Office
360 Broad Street Hartford, CT 06105
860.493.2725 Fax 860.524.4851

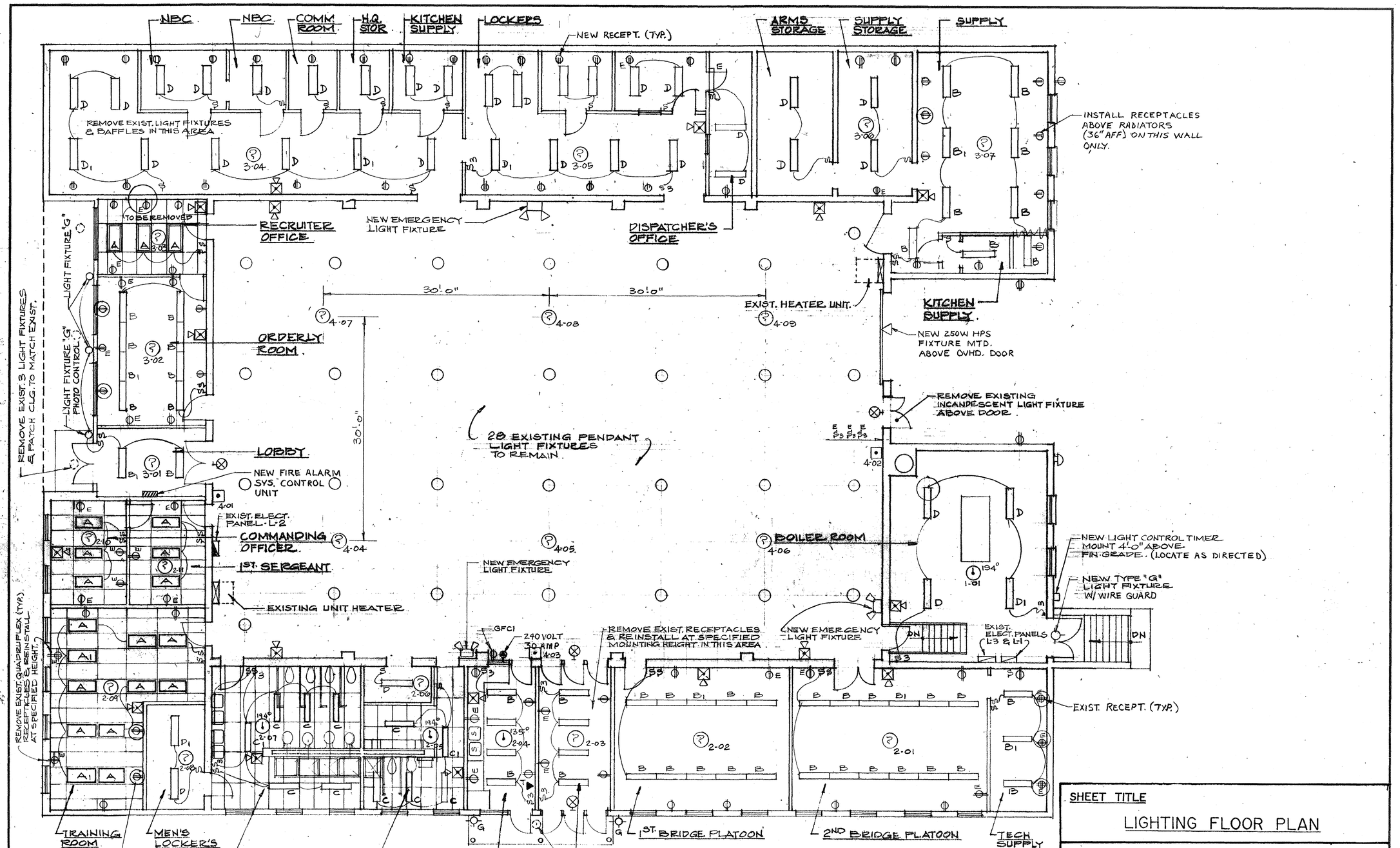
Project
ROOF REPLACEMENTS
REPAIRS
Putnam & Rockville Armories, Connecticut

Drawing Title
ROOF DETAILS

Date
14FEB02

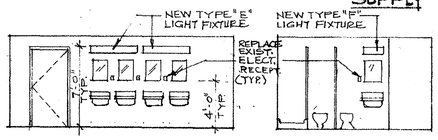
Drawing No.
A.3

Project No.
MD 33-02-501



LIGHTING FLOOR PLAN

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



INT. ELEV. (SINK WALL) MEN'S TOILET
SCALE: 1/8" = 1'-0"

INT. ELEV. (SINK WALL) LADIES TOILET
SCALE: 1/8" = 1'-0"

SHEET TITLE

LIGHTING FLOOR PLAN

PROJECT TITLE

UPGRADE ELECTRICAL SYSTEM

PUTNAM ARMORY
KEECH STREET, PUTNAM, CONNECTICUT

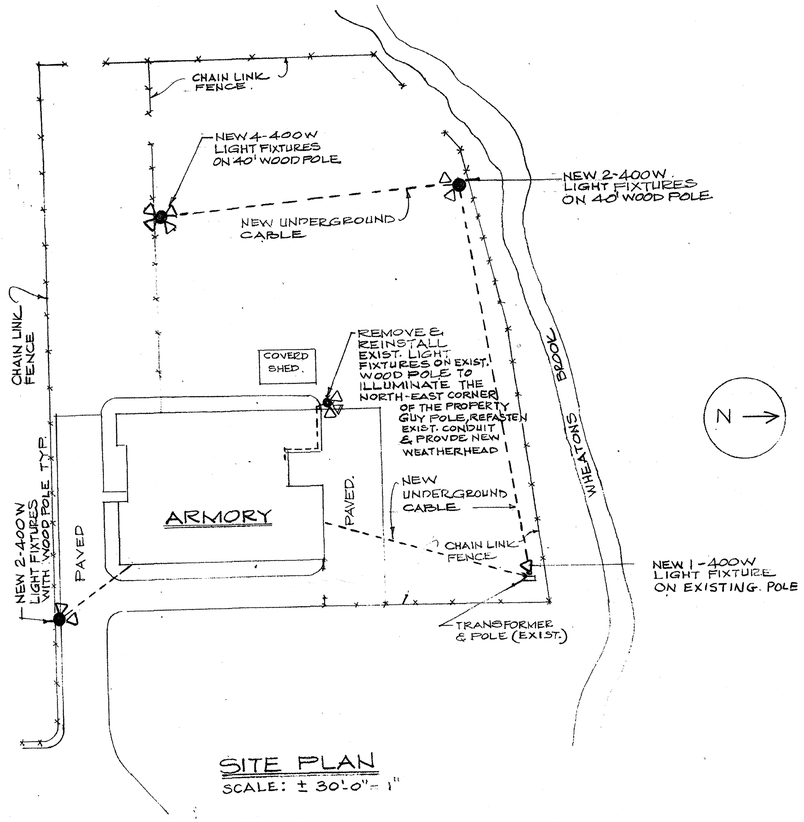
SCALE: AS NOTED	APPROVED BY:	DRAWN BY S.K.
DATE: 19 DEC. 1991		REVISED JAN. 6, 1992

CONSTRUCTION AND FACILITIES MANAGEMENT OFFICE
360 BROAD STREET HARTFORD, CT. 06105-3795

JOB NO	DRAWING NUMBER
2192	E-1

18 X 24 PRINTED ON NO. 1000H CLEARPRINT

SHEET 1 OF 2



SITE PLAN
SCALE: ± 30'-0" = 1"

(ALTERNATE BID ITEM "A")

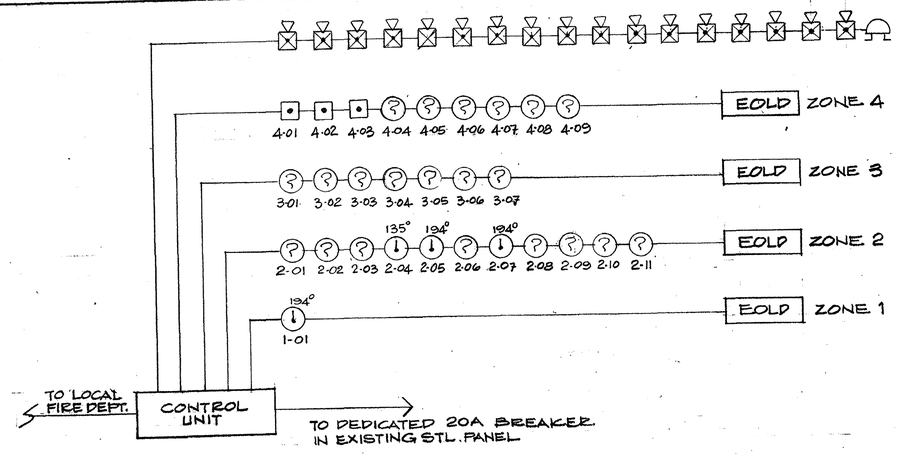
LIGHT FIXTURE SCHEDULE

A	2'X4' Troffer, 4-40W fluorescent w/Holophane 8224/8243 lense, Day-Brite/Benjamin Cat. No. SG244-SRA24YD (recessed in existing suspended ceiling)
B	4' Surface Mount, 4-40W fluorescent, Day-Brite/Benjamin Cat. No. CA-7244-4 (mounted on existing ceilings, continuous where indicated)
C	4' Surface Mount, 2-40W fluorescent, wet/damp location, Day-Brite/Benjamin Cat. No. VR-2224-4 (mounted on existing ceilings)
D	4' Industrial, 2-40W fluorescent, Day-Brite/Benjamin Cat. No. FL-1024-4U (pendant mounted to existing ceilings)
E	4' Surface Mount, 1-40W fluorescent w/switch, Day-Brite/Benjamin Cat. No. CZW-2214-4S (wall mounted above sinks where indicated)
F	2' Surface Mount, 1-20W fluorescent w/switch, Day-Brite/Benjamin Cat. No. CZW-2212-2S (wall mounted above sinks where indicated)
G	Wall Mount Exterior, vandal-proof, 35W high pressure sodium w/photo control where indicated, Day-Brite/Benjamin Cat. No. LEO35HS (-PE, photo control where indicated)
	Floodlight, high pressure sodium w/adjustable slipfitter, Day-Brite/Benjamin Cat. No. FLMS25HSMT (250W) or FLMS40HSMT (400W), as indicated
	Wall Mount Emergency/Exit, Emergi-Lite Cat. No. ELPXN-1R (mounted above doorways)
	Emergency Light, 2 head, maintenance free batteries w/wire guard, Emergi-Lite Cat. No. 12JSC50-2-WG1

NOTE: Provide fluorescent emergency ballasts (1,100 lumen output), Bodine Cat. No. B50 where subscripted fixtures are indicated (A_1, B_1, C_1, and D_1). Provide constant wattage, electronic, fluorescent ballasts with radio frequency (RF) filters.

FIRE ALARM SCHEDULE

	SMOKE DETECTOR (CEILING MTD.)
	HEAT DETECTOR (CEILING MTD.)
	MANUAL ALARM STATION.
	ALARM HORN/STROBE (WALL MTD)
	ALARM BELL (EXT. WALL MTD.)
EOLD	END OF LINE DIVICE



FIRE ALARM SYSTEM RISER DIAGRAM
NO SCALE.

GENERAL NOTES

1. Remove existing light fixtures where new fixtures are indicated. Remove existing steel baffles and related hardware in the former rifle range area. Remove existing range wall acoustical treatment as required to facilitate fastening new conduit to masonry walls. Remove all existing flexible nonmetallic cable wiring.

2. Repair existing construction as indicated where existing fixtures are removed. Fill voids and provide finishes to match existing.

3. Provide new wiring in electrical metallic tubing (EMT), surface mounted raceway, or flexible steel conduit. Conceal conduit where possible. Use surface mounted raceway in finished areas. Use EMT in the drill hall and former rifle range areas. Where possible, install new conduit runs in existing sub-floor utility passages. Install conduit and equipment on permanent walls only.

4. Replace all existing receptacles, lighting control switches, and cover plates with the materials specified. Provide additional receptacles where indicated. Install all receptacles with the ground lug up.

5. Provide new four zone fire protection alarm system as indicated, specified, and required for Use Group A-3 (Assembly) occupancies, in accordance with the Connecticut Building Code (1987 BOCA and Supplements). Coordinate with Local Fire Department officials for remote station monitoring requirements. Locate horn/strobe units as indicated and required for maximum visibility within the space served.

6. Remove/reinstall existing suspended ceilings as required to provide new lighting installations and patterns. Replace existing damaged ceiling components and provide additional materials as required to complete ceiling installations.

7. Provide new wall mounted emergency light fixtures at existing locations where indicated. Remove existing fixture shelves and other related hardware. Hard-wire new fixtures with flexible steel conduit, provide finished cover plates drilled to pass conduit fittings at existing receptacle boxes.

8. Provide ground fault circuit interrupter (GFCI) receptacles in the utility room, kitchen, kitchen/office, and other locations as indicated. Provide weatherproof GFCI exterior receptacles.

9. Install new pole-mounted flood lights at a height of 40' above existing grade. Remove and reinstall existing pole mounted floodlights as required to illuminate the northeast corner of the existing compound. Provide weatherproof (NEMA 3R), astronomic, programmable electronic lighting control, Dayton Cat. No. 2A207 where indicated.

10. Wire flood light feeders with direct burial cable at 24 inches below grade. Exit building through utility tunnel and boiler room walls, provide water-tight sleeves grouted into existing concrete. Enclose cable/wires in galvanized steel conduit on poles and in other locations where installed above 18 inches below grade.

11. Redistribute all new and existing loads as required to balance existing distribution panels. Prepare complete, updated electrical riser diagrams. Provide new, updated, typed panel schedules for all existing distribution panels.

12. Provide new standard wall-mounted telephone in the kitchen area, complete with connection to existing wiring and mounting plate. Locate telephone as indicated.

SHEET TITLE:
SITE PLAN, SCHEDULES, DIAGRAM AND NOTES

PROJECT TITLE:
UPGRADE ELECTRICAL SYSTEM

PUTNAM ARMORY,
KEECH STREET, PUTNAM, CONNECTICUT.

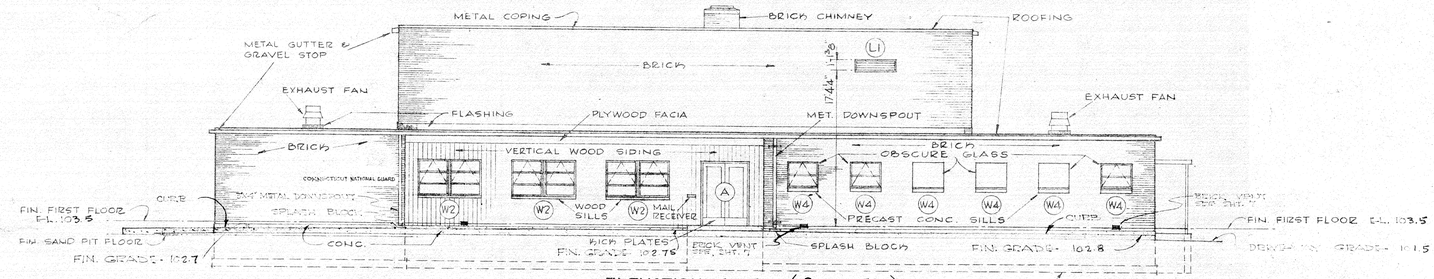
SCALE: AS NOTED	APPROVED BY:	DRAWN BY S.K.
DATE: 19 DEC. 1991		REVISED JAN 6, 19

CONSTRUCTION AND FACILITIES MANAGEMENT OFFICE
360 BROAD STREET HARTFORD, CT. 06105-3795

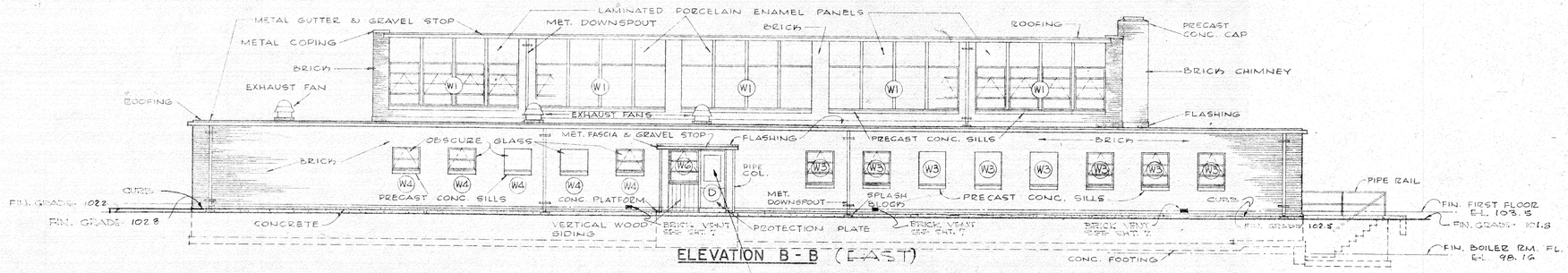
(203)524-4936	JOB NO. 2192	DRAWING NUMBER E-2

SHEET

18 X 24 PRINTED ON NO. 1000H CLEARPRINT

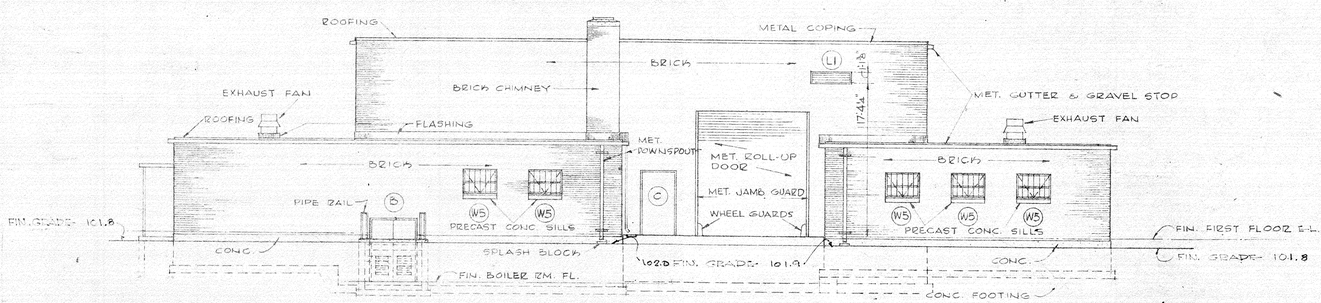


ELEVATION A-A (SOUTH)

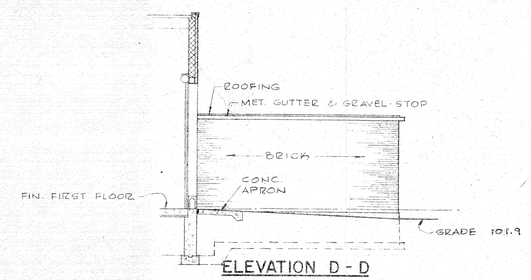


ELEVATION B-B (EAST)

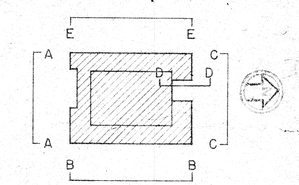
NOTE
SEE SHEET 3A FOR REVISIONS AT EMERGENCY EXIT



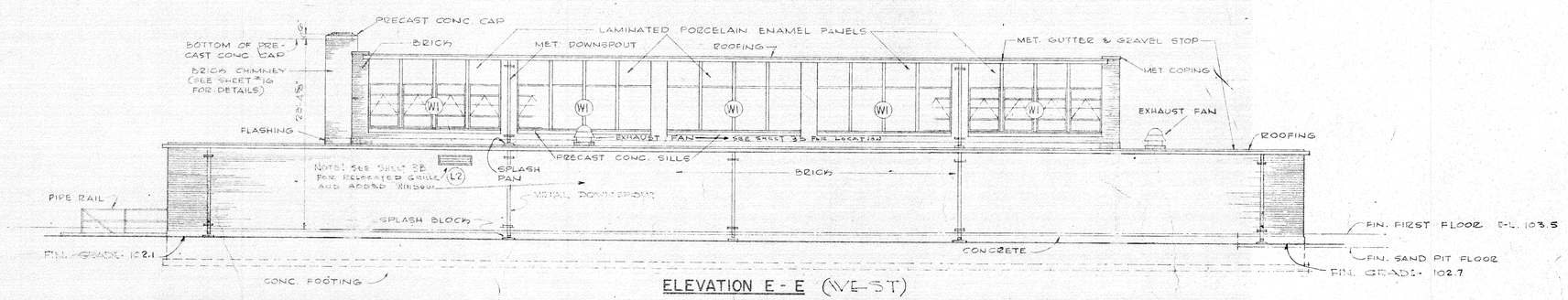
ELEVATION C-C (NORTH)



ELEVATION D-D



KEY PLAN



ELEVATION E-E (WEST)

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
T. J. MURPHY, JR.
COMMISSIONER
NATIONAL GUARD armory
G-21-54
REVISED 2-1-56
PUTNAM, CONN.
CP-G-166
CONTRACT NO. 1737
FLETCHER-THOMPSON, INC
ARCHITECTS
ENGINEERS
NATIONAL GUARD
APPROVAL
PUBLIC WORKS DEPT.
APPROVAL

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY

ELEVATIONS

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, N.G.B.
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE: 1/8" = 1'-0"
SPECIFICATIONS
SHEET 5 OF 29

REISNER & URBAHN
ARCHITECTS-ENGINEERS NEW YORK, N.Y.

8

ONE UNIT ARMORY
FOR
CONNECTICUT NATIONAL GUARD
PUTNAM, CONN.
PROJECT NO. CP-Q-166

JOHN LODGE
GOVERNOR

MAJ. GEN. FREDERICK G. REINCKE
ADJUTANT GENERAL

R. G. MACY
COMMISSIONER
PUBLIC WORKS DEPARTMENT.

STANDARD PLANS OF THE DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
ADAPTED TO SITE CONDITIONS
BY

FLETCHER - THOMPSON, INC.
ARCHITECTS & ENGINEERS
BRIDGEPORT, CONN.

STATE OF CONNECTICUT
(MILITARY DEPARTMENT)

MAJOR GEN. FRED'K. G. REINCKE, ADJ. GENERAL
JOHN LODGE GOVERNOR
RALPH G. MACY, COMMISSIONER OF PUBLIC WORKS DEPARTMENT
FLETCHER-THOMPSON, INC., ARCH. & ENGINEERS
PROJECT CP-Q-166

ONE UNIT ARMORY

NATIONAL GUARD BUREAU

WASHINGTON, D.C.

PUBLIC WORKS DEPARTMENT REVIEWED BY		DATE
Architectural	W.J.M.	9-13-54
Structural	W.S.A	9-13-54
Mechanical	F.C.B.	9-13-54
Electrical	[illegible]	9/13/54
Civil	W.S.A	9-13-54

DRAWING SCHEDULE

SPEC.	SHEET NO.	TITLE
	1	TITLE SHEET
"	2	SITE PLAN
"	3	FLOOR PLAN
"	4	ROOF & UPPER PART OF ASSEMBLY PLANS
"	5	ELEVATIONS
"	6	SECTIONS, FINISH SCHEDULE & DETAILS
"	7	WALL SECTIONS
"	9	WALL SECTIONS
"	9	WALL SECTIONS & ALTERNATE DETAILS
"	10	TOILET, SHOWER & KITCHEN DETAILS
"	11	DOOR SCHEDULE & DETAILS
"	12	WINDOW SCHEDULE & DETAILS
"	13	RIFLE RANGE & MISCELLANEOUS DETAILS
"	14	FOUNDATION PLAN
"	15	FOUNDATION DETAILS
"	16	FOUNDATION DETAILS
"	17	LOW ROOF FRAMING PLAN
"	18	HIGH ROOF FRAMING PLAN & DETAILS
"	19	ROOF FRAMING (WOOD ALTERNATE)
"	20	HEATING & VENTILATING - FLOOR PLAN
"	21	HEATING & VENTILATING - ROOF & UPPER PART OF ASSEMBLY PLANS
"	22	HEATING & VENTILATING - BOILER ROOM LAYOUT & DETAILS
"	23	PLUMBING - FLOOR PLAN
"	24	PLUMBING - ROOF PLAN
"	25	PLUMBING - DETAILS
"	26	ELECTRICAL - FLOOR PLAN
"	27	ELECTRICAL - SCHEDULES
"	3A	FLOOR PLAN - EMERGENCY EXIT REVISIONS

HEATING & VENTILATING SYMBOLS

STEAM, LOW PRESSURE
ELBOW, TURNED DOWN
ELBOW, TURNED UP
TEE, OUTLET DOWN
TEE, OUTLET UP
TEE, SIDE OUTLET, OUTLET DOWN
TEE, SIDE OUTLET, OUTLET UP
BLANK FLANGE
CAP
PLUG
REDUCER, CONCENTRIC
REDUCER, ECCENTRIC
UNION, FLANGED
UNION, SCREWED
VALVE, GENERAL
VALVE, ANGLE
VALVE, GATE
VALVE, GLOBE
CHECK VALVES, GENERAL
VALVE, THERMOSTATICALLY CONTROLLED
Y STRAINER
FLOAT AND THERMOSTATIC TRAP
FLOAT TRAP
THERMOSTATIC TRAP
VACUUM TRAP
MOTOR
PUMP, CENTRIFUGAL
THERMOMETER
DAMPER, VOLUME (ELEVATION)
HEAT TRANSFER SURFACE (ALL TYPES)
HEATER, UNIT - PROPELLER TYPE
PLAN
VENTILATOR, GOOSENECK
ELEV.

END
FAN, PROPELLER
SIDE
DUCT
DUCT, DIRECTION OF FLOW IN
DUCT, EXHAUST, SECTION
DUCT, INCLINED DROP IN RESPECT TO AIR FLOW
DUCT, INCLINED RISE IN RESPECT TO AIR FLOW
DUCT, RECIRCULATION SECTION
DUCT, SUPPLY, SECTION
EXHAUST INLET
FAN & MOTOR WITH BELT GUARD & FLEXIBLE CONNECTIONS
LOUVER OPENING
LOUVERS & SCREEN, INTAKE, AIR OR WEATHER
SUPPLY OUTLET
VANES

MATERIAL INDICATIONS

EARTH
CONCRETE
MASONRY UNITS
DRAINAGE FILL
BLOCKING
WOOD
STEEL
INSULATION
CEMENT OR STONE
SLATE
PREMOULDED EXPANSION JOINTS
BRICK
GLAZED STRUCTURAL FACING UNITS
ACOUSTIC MATERIAL

PLUMBING SYMBOLS

PLAN	STACK OR RISER	SERVICE
	(S), (W)	SOIL OR WASTE - SANITARY PIPING
	(V)	VENT PIPING
		COLD WATER
		HOT WATER
G	(G)	GAS PIPING
F		FIRE MAIN
		GATE VALVE
		GLOBE VALVE
		SWING CHECK VALVE
G		PLUG COCK VALVE
		A.S.M.E. PRESSURE RELIEF VALVE
		TEMPERATURE RELIEF VALVE
		HOSE BIBB OR WALL HYDRANT

ELECTRICAL SYMBOLS

CEILING	WALL	
		OUTLET
(H)	(H)	UNIT HEATER OR COOLER
(J)	(J)	JUNCTION BOX
	(T)	THERMOSTAT, 5'-0" UP
(X)	(X)	EXIT LIGHT OUTLET
		FLUORESCENT FIXTURE OUTLET
	S	SINGLE POLE SWITCH 4'-0" UP
		DUPLEX CONVENIENCE OUTLET 1'-0" UP
	R	RANGE OUTLET
		SPECIAL PURPOSE OUTLET (DES. IN SPEC.)
		LIGHTING PANEL
		POWER PANEL
		BRANCH CIRCUIT; CONCEALED IN CEILING OR WALL
		BRANCH CIRCUIT; CONCEALED IN FLOOR
		BRANCH CIRCUIT; EXPOSED
		HOME RUN TO PANEL BOARD. ARROWS INDICATE NUMBER OF CIRCUITS.

NOTE: ANY CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A TWO-WIRE CIRCUIT. GREATER NUMBER OF WIRES SHOWN AS FOLLOWS: +++ (3 WIRES), ++++ (4 WIRES), ETC.

FEEDERS
CONTROLLER
ISOLATING SWITCH
PUSH BUTTON
MOTOR

LIST OF ABBREVIATIONS

A ..... AMPERES
AC ..... AIR CHAMBER
AD ..... AREA DRAIN
ALT. ..... ALTERNATE
BLDG ..... BUILDING
BOT. ..... BOTTOM
BR ..... BRANCH
C ..... CONDUIT
C ..... COURSE
CAP. ..... CAPACITY
CEM ..... CEMENT
CER ..... CERAMIC
CFM ..... CUBIC FEET PER MINUTE
CKT ..... CIRCUIT
CLG ..... CEILING
CN ..... CANVAS NECK
CO ..... CLEANOUT
CODP ..... CLEANOUT DECK PLATE
COL ..... COLUMN
CONC ..... CONCRETE
CONN ..... CONNECTION
CONT ..... CONTINUOUS
CSINK ..... COUNTERSINK
CT ..... CURRENT TRANSFORMER
CW ..... COLD WATER
DET ..... DETAIL
DIA ..... DIAMETER
DIM ..... DIMENSION
DL ..... DEAD LOAD
DN ..... DOWN
DR ..... DRAIN
DWG ..... DRAWING
EA ..... EACH
EDR ..... EQUIVALENT DIRECT RADIATION
EL ..... ELEVATION
EM ..... ENLISTED MEN
EQUIP ..... EQUIPMENT
EXP. ..... EXPANSION
EXT ..... EXTERIOR
F ..... FAHRENHEIT
FD ..... FLOOR DRAIN
FDN ..... FOUNDATION
FIN ..... FINISH
FL ..... FLOOR
FPM ..... FEET PER MINUTE
FT. ..... FOOT
FTG ..... FOOTING
FUNN DR ..... FUNNEL DRAIN
GAL ..... GALLONS
GALV ..... GALVANIZED
GL ..... GLASS, GLAZED
GPM ..... GALLONS PER MINUTE
GSFU ..... GLAZED STRUCT. FACING UNITS
GWB ..... GYPSUM WALLBOARD
HGT ..... HEIGHT
HOR ..... HORIZONTAL
HP ..... HORSEPOWER
HTG ..... HEATING
HW ..... HARDWARE
HW ..... HOT WATER
ID ..... INSIDE DIAMETER
INCR ..... INCREASER
INT ..... INTERIOR
INV ..... INVERT
IPS ..... IRON PIPE SIZE
JT ..... JOINT
KAL ..... KALAMEIN
LAV ..... LAVATORY
LG ..... LENGTH OR LONG
LH ..... LEFT HAND
LL ..... LIVE LOAD
LP ..... LIGHTING PANEL
MATL ..... MATERIAL
MAX ..... MAXIMUM
MECH ..... MECHANICAL
MET ..... METAL
MIN ..... MINIMUM
MLDG ..... MOLDING
MO ..... MASONRY OPENING
MU ..... MASONRY UNITS
NCO ..... NON-COMMISSIONED OFFICER
NIC ..... NOT IN CONTRACT
OC ..... ON CENTER
OD ..... OUTSIDE DIAMETER
OFF. ..... OFFICERS
OS & Y ..... OUTSIDE STEM & YOKE
PARTN ..... PARTITION
PL ..... PLATE
PP ..... POWER PANEL
PSF ..... POUNDS PER SQUARE FOOT
PSI ..... POUNDS PER SQUARE INCH
R ..... RISER
RAD ..... RADIATOR
REG ..... REGISTER
RET ..... RETURN
REQD ..... REQUIRED
RH ..... RIGHT HAND
RH ..... HEAT RESISTING WAVE
RL ..... RUBBER INSULATED LEAD SHEATHED WIRE
RM ..... ROOM
RPM ..... REVOLUTIONS PER MINUTE
RW ..... RUBBER INSULATED WEATHER PROOF WIRE
SBI ..... STEEL BOILER INSTITUTE
SD ..... SHOWER DRAIN
SDL ..... SADDLE
SECT. ..... SECTION
SK ..... SINK
S/N ..... SOLID NEUTRAL
SP ..... STATIC PRESSURE
SPEC ..... SPECIFICATION
SQ FT ..... SQUARE FEET
ST ..... STEEL
STD ..... STANDARD
STRUCT ..... STRUCTURAL
T & B ..... TOP & BOTTOM
TEMP ..... TEMPERATURE
T & G ..... TONGUE & GROOVE
THK ..... THICK
TL ..... TOTAL LOAD
TYP ..... TYPICAL
V ..... VOLTS
VENT ..... VENTILATE
VERT ..... VERTICAL
WI ..... WROUGHT IRON
WT ..... WEIGHT
XHCI ..... EXTRA HEAVY CAST IRON

STRUCTURAL SYMBOLS

C CHANNEL
L ANGLE
PL PLATE
@ AT
∅ DIAMETER
□" SQUARE INCH
℄ CENTER LINE
POUNDS OR NUMBER
fs STEEL STRESS
fc CONCRETE STRESS

REVISIONS

SYMBOL	DESCRIPTION	DATE	APPROVAL
	GENERAL REVISIONS - ALL SHEETS (CHECKING CORRECTIONS)	3/15/52	

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
6-21-54
PUTNAM
CP-Q 166
CONTRACT NO 1737
FLETCHER-THOMPSON

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

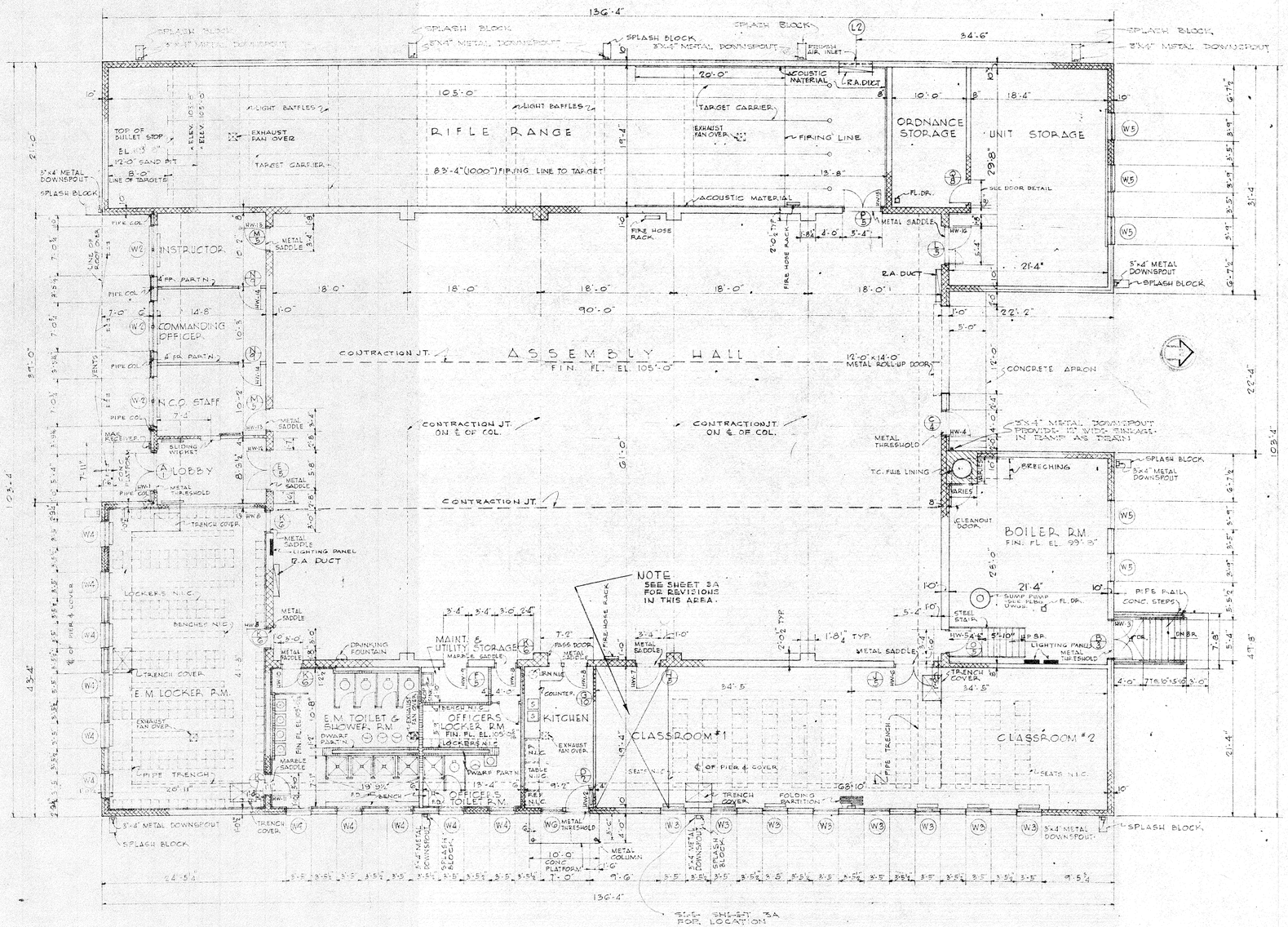
ONE UNIT ARMORY
PUTNAM, CONN.
TITLE SHEET

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, N G B
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE
SPECIFICATIONS
SHEET 1 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS NEW YORK, N.Y.

LITTLE RIVER
Flow
Swimming Pool
Skating Rink
Wheaton's Brook
CITY OF PUTNAM
CITY OF PUTNAM
Athletic Field
Contract Limit
CONN. NATIONAL GUARD
ONE UNIT ARMORY
FL. ELEV. 105.00'
Oiled Gravel Parking Area
Bit. Conc.
8000 Gal. Fuel Oil Tank & Fdn. (See Sheet #22)
Paving
BOTTLED GAS CYLINDERS
Conc. Walk
Grass
Bitum. Conc. Paving
SEPTIC TANK
LEECHING DRY-WELLS
Base Line
S 73° 57' W 362' ±
8" Maple
8" Pine
Tack in Stake
6" Ash
6" Pine
6" Hickory
Toe of Slope
NEW 2" C.W. MAIN
EXIST. 2" C.W.
KEECH ST.
VALLDALE ST.
Drive to High School
TO WOODSTOCK AVE.
APPROX. LOCATION OF 3 Φ LINE
3" CONDUIT UNDERGROUND
TRANSFORMERS
Elec. Service Pole by C.L. & P. Co.
B.M. Elev. 109.61
Bolt in 16" W. Oak
City Datum
N
Bituminous Concrete Paving
Gravel Base Placed in 2 Layers, Each Rolled & Waterbound
Prepared Subgrade
SECT. THRU BITUMINOUS CONC.
Oiled Gravel Seal Coat
Gravel Base Placed in 2 Layers, Each Rolled & Waterbound
Prepared Subgrade
SECT. THRU OILED GRAVEL PAVING
Rein. - #4 Horiz. cont. top & bot. #2 Ties @ 24"
SECT. THRU CONC. CURB
3/4" = 1'-0"
Curb may be Poured in Place or Precast.
REINF. CONC. COLLAR 2 1/2" Φ RODS
24" C.I. FRAME & COVER
EL. 100.0 WELL No 1
EL 101.0 WELL No 2
GRADE
CEMENT PARGING
4" V.T.
OPEN JOINTS
4" V.T. TO LEECHING WELL No 2
GRAVEL BACKFILL
2'-0" MIN.
6'-0" DIAM.
GRAVEL
EL. 93.0 WELL No 1
EL. 92.0 WELL No 2
CROSS SECTION
LEECHING WELL
SCALE 1/4" = 1'-0"
VENT CAP
24" C.I. M.H. FRAME & COVER
GRADE EL. 100.0
4" C.I.
WATER LEVEL
4" V.T. TO LEECHING WELL
REINF. RODS 1/2" Φ @ 12" VERT. 1/2" Φ @ 12" HORIZ.
12'-0" x 5'-0"
CROSS SECTION
SEPTIC TANK
SCALE 1/4" = 1'-0"
SYMBOLS:
Existing Contour Lines ——102——
Finished Grade Elevations •103.2
New Contour Lines ——102——
NOTE: Conc. Walks - 4" conc. slab on 6" well-tamped gravel bed; rein. 66-1010 mesh near top of slab.
NOTE: Information from Topographical Map prepared by GILBERT F. PERRY, C.E., West Hartford, Conn. was used in preparing this Dwg.
3-9-54
SITE PLAN
STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MACY COMMISSIONER
DATE 6-21-54
NATIONAL GUARD ARMORY FOR PUTNAM, CONN.
PROJECT No. CP-Q-166
DRAWN BY HF
SHEET No. 2
SCALE: 1" = 40'
PLANS ADAPTED TO SITE CONDITIONS BY
FLETCHER-THOMPSON, INC.
ARCHITECTS - ENGINEERS
BRIDGEPORT CONNECTICUT
CONTRACT No. 1737
NATIONAL GUARD APPROVAL DATE
PUBLIC WORKS DEPT. APPROVAL DATE



FLOOR PLAN

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MACY COMMISSIONER

DATE 6-21-54 NATIONAL GUARD ARMORY FOR PUTNAM CONN. CP-Q-166 CONTRACT NO 1737

PLAN ADAPTED TO SITE BY
HETCHER-THOMPSON, INC.
ARCHITECTS - ENGINEERS
BRIDGEPORT - DANBURY - DOWNTOWN

NATIONAL GUARD
APPROVAL DATE
HOUSE NO. 55 DEPT.
APPROVAL DATE

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

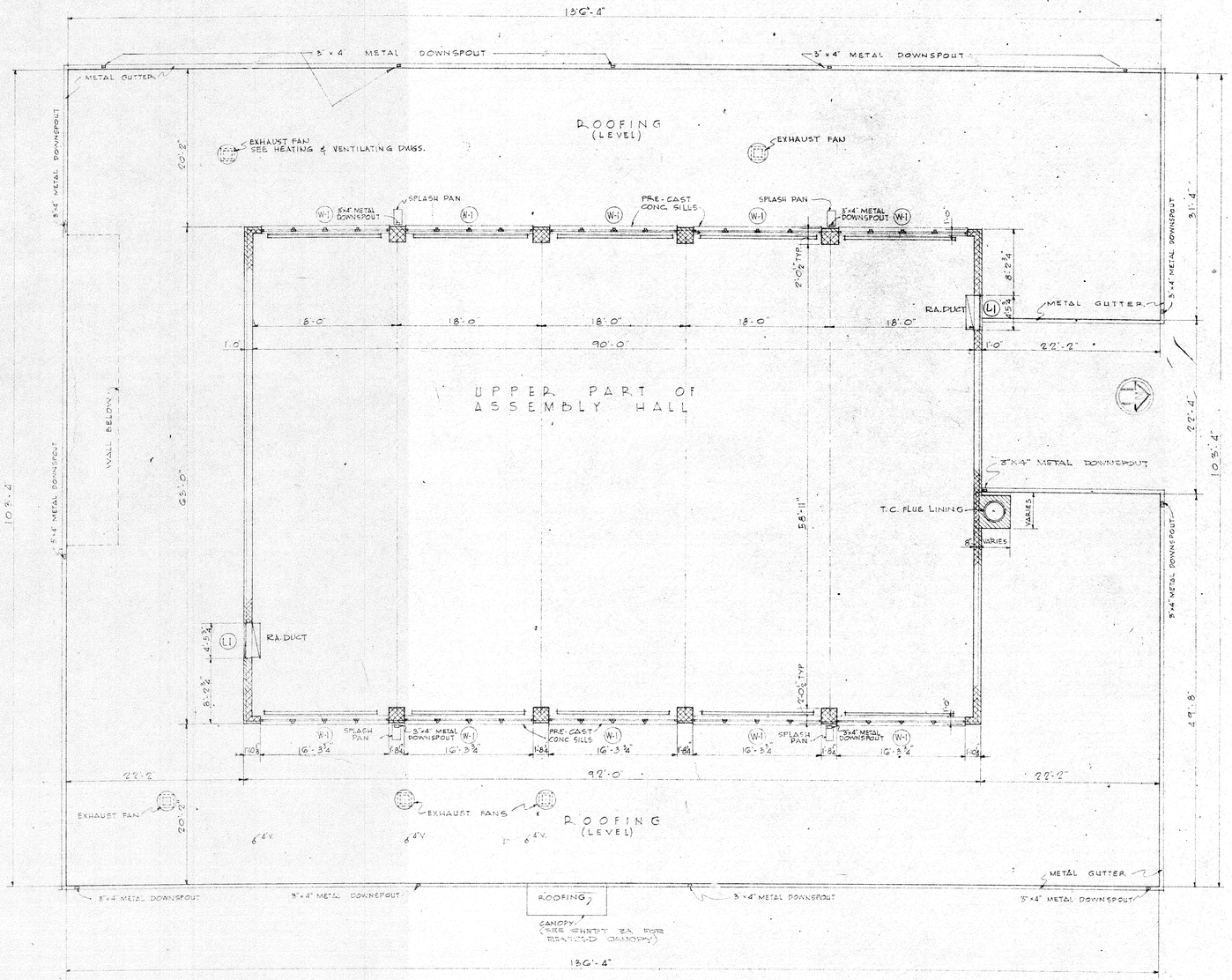
ONE UNIT ARMORY

FLOOR PLAN

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, NGB
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

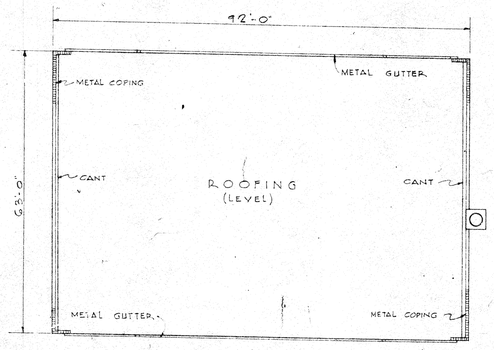
SCALE: 1/8"=1'-0"
SPECIFICATIONS
SHEET 3 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS NEW YORK, N.Y.



PLAN OF UPPER PART OF ASSEMBLY HALL & LOW ROOF

SCALE 1/8" = 1'-0"



PLAN OF ROOF OVER UPPER PART OF ASSEMBLY HALL

SCALE 1/16" = 1'-0"

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MACY COMMISSIONER

DATE 6-21-54	NATIONAL GUARD ARMORY FOR PUTNAM CONN.	CP-G-166 CONTRACT NO. 1737

PLANS ADAPTED TO SITE CONDITIONS BY
FLETCHER-THOMPSON, INC.
ARCHITECTS ENGINEERS
BRIDGEPORT CONNECTICUT

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

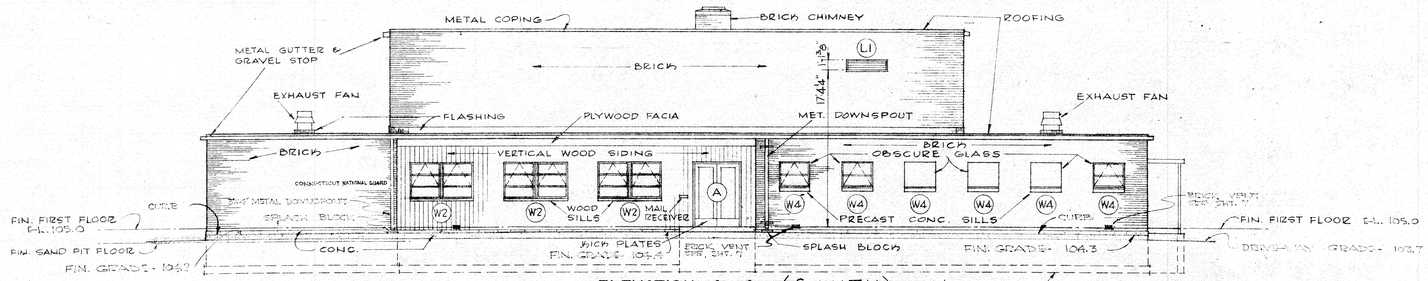
ONE UNIT ARMORY

ROOF & UPPER PART OF ASSEMBLY PLANS

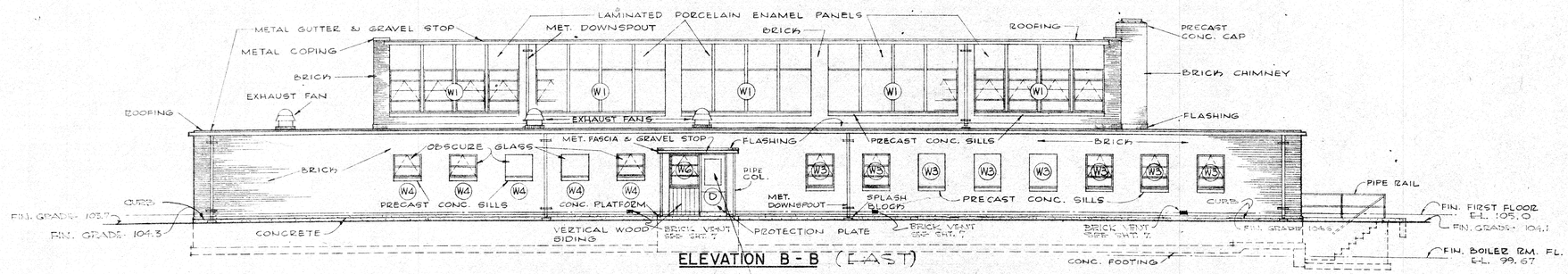
APPROVED FOR THE CHIEF, NGB R. R. Sedillo COLONEL, NGB CHIEF, F&C BRANCH, ARMY DIV. DATE 24 APRIL 1952	SCALE: AS NOTED SPECIFICATIONS SHEET 4 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS NEW YORK, N.Y.

5

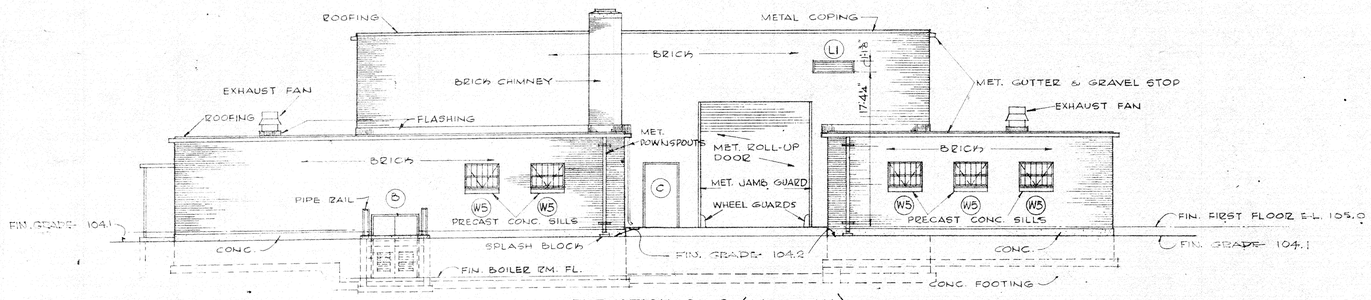


ELEVATION A - A (SOUTH)

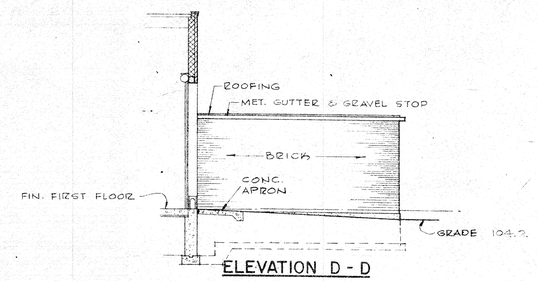


ELEVATION B - B (EAST)

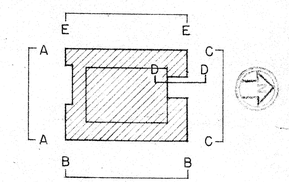
NOTE
SEE SHEET 3A FOR REVISIONS AT EMERGENCY EXIT



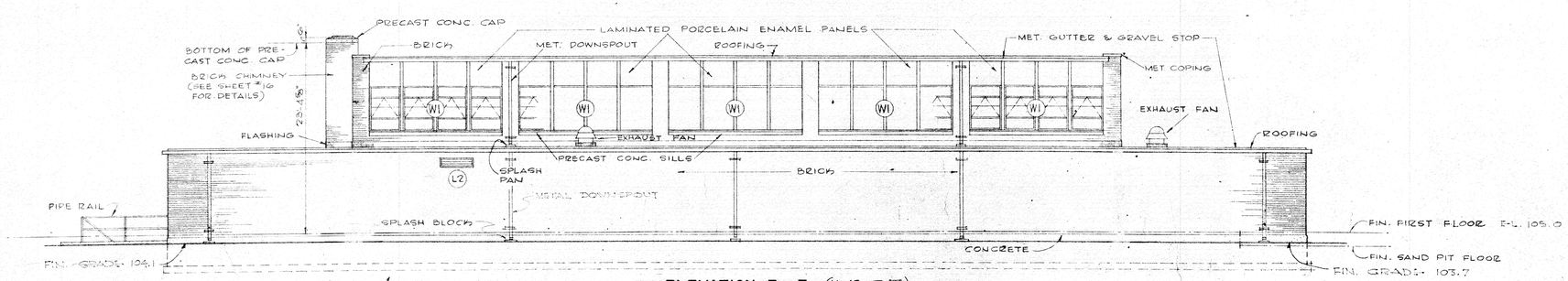
ELEVATION C - C (NORTH)



ELEVATION D - D



KEY PLAN



ELEVATION E - E (WEST)

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
E. G. MACY
COMMISSIONER

DATE 6-21-54	NATIONAL GUARD ARMORY	CP-Q-166
	PUTNAM, CONN.	CONTRACT NO. 1737

PLANS MADE BY FLETCHER-THOMPSON, INC.
ARCHITECTS - ENGINEERS
BRIDGEPORT CONNECTICUT

PRELIMINARY APPROVED DATE
APPROVAL DATE
PUBLIC WORKS DEPT.
APPROVAL DATE

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

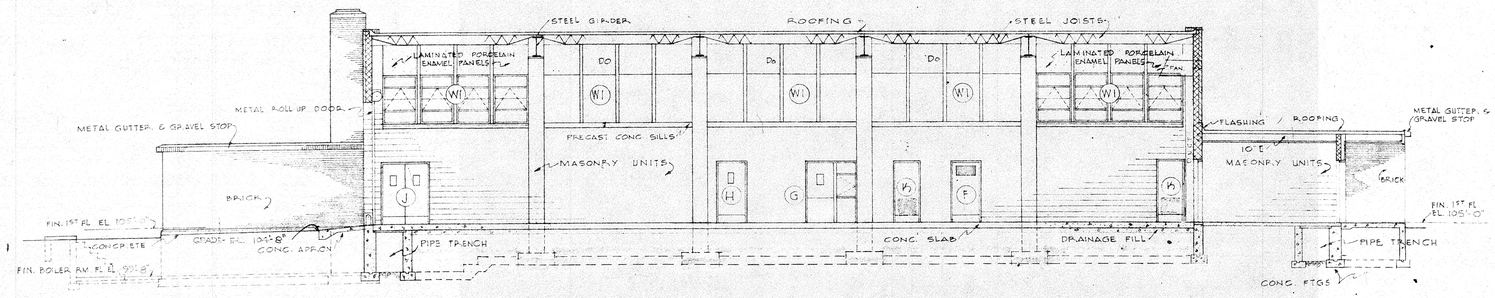
ONE UNIT ARMORY

ELEVATIONS

APPROVED FOR THE CHIEF, NGB C. R. Sedillo COLONEL, NGB CHIEF, F&C BRANCH, ARMY DIV. DATE 24 APRIL 1952	SCALE: 1/8" = 1'-0" SPECIFICATIONS SHEET 5 OF 22

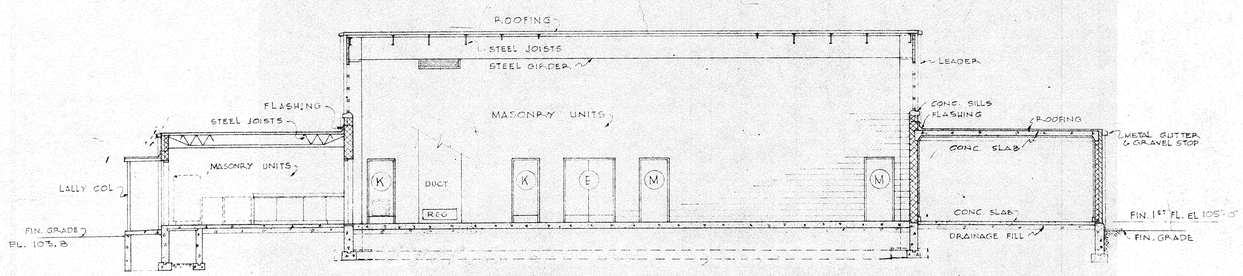
REISNER & URBAHN
ARCHITECTS-ENGINEERS NEW YORK, N.Y.

6



SECTION 1 - 1

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



SECTION 2 - 2

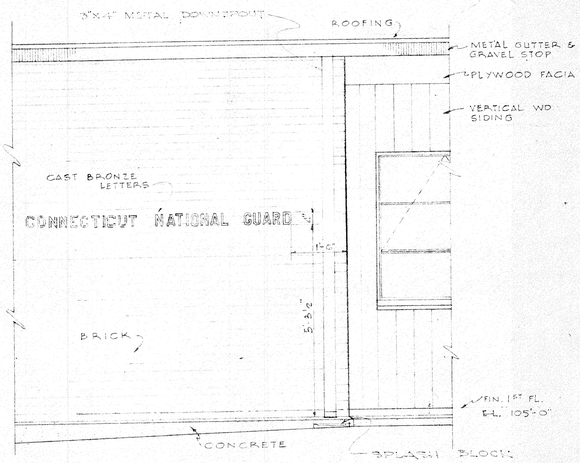
SCALE : 1/8"=1'-0"

SCHEDULE OF INTERIOR FINISHES

ROOM NAME	FLOOR	BASE	WALLS	CEILING
ASSEMBLY HALL	CONCRETE SLAB INTEGRAL FINISH	PAINTED	MASONRY - PAINTED	EXPOSED CONSTRUCTION - PAINTED
BOILER ROOM	CONCRETE SLAB MONOLITHIC FINISH		DO	DO ~~SEE NOTE 1 BELOW~~
CLASSROOMS	ASPHALT TILE	RUBBER TILE	DO	G.W.B. - PAINTED ON 2"x3" FURRING
COMMANDING OFF.	DO	DO	MASONRY - PAINTED G.W.B. - PAINTED	DO
E.M. LOCKERS	CONCRETE SLAB INTEGRAL FINISH	G.S.F.U	G.S.F.U.	DO
E.M. TOILET & SHOWER	CERAMIC TILE	G.S.F.U - COVE	G.S.F.U	METAL LATH CEMENT PLASTER
INSTRUCTOR	ASPHALT TILE	RUBBER TILE	MASONRY - PAINTED G.W.B. PAINTED	G.W.B. - PAINTED ON 2"x3" FURRING
KITCHEN	DO GREASEPROOF TYPE	ASPHALT TILE GREASEPROOF TYPE	MASONRY - PAINTED	METAL LATH CEMENT PLASTER
LOBBY	CONCRETE SLAB INTEGRAL FINISH	PAINTED	DO	G.W.B. - PAINTED ON 2"x3" FURRING
MAINTENANCE & UTILITY STORAGE	CONCRETE SLAB MONOLITHIC FINISH	PAINTED	DO	EXPOSED CONSTRUCTION - PAINTED
NCO STAFF	ASPHALT TILE	RUBBER TILE	MASONRY - PAINTED G.W.B. - PAINTED	G.W.B. - PAINTED ON 2"x3" FURRING
OFFICERS' TOILET & LOCKERS	CERAMIC TILE	G.S.F.U - COVE	G.S.F.U.	METAL LATH CEMENT PLASTER
ORDNANCE STORAGE	CONCRETE SLAB MONOLITHIC FINISH		MASONRY - PAINTED	CONC. SLAB - PAINTED
RIFLE RANGE	DO	CEM. BASE AT ACOUSTIC MATERIAL	DO	DO
UNIT STORAGE	DO.		DO	EXPOSED CONSTRUCTION - PAINTED

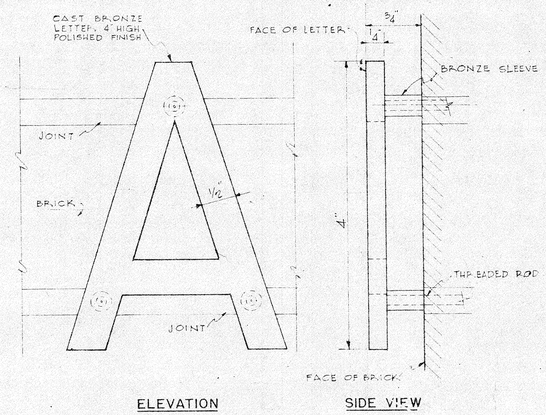
NOTE:

~~1. FOR WOOD ALTERNATE ROOF FRAMING 2 LAYERS OF 1/2" G.W.B. WIRE MESH REINFORCING BETWEEN.~~ } DELETED



ELEVATION OF CAST BRONZE EMBLEM & LETTERS

SCALE : 1/2"=1'-0"

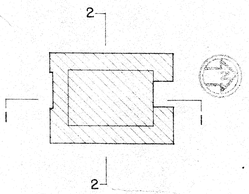


ELEVATION

SIDE VIEW

DETAIL OF TYPICAL LETTER

FULL SIZE



KEY PLAN

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. ALCOTT
COMMISSIONER

DATE 6-21-54
PUTNAM,
CP-Q-166
CONTRACT NO. 1737
ESTELLINO CONSTRUCTION, INC.
CONTRACTOR

NATIONAL GUARD
APPROVED
PUBLIC WORKS DIV.
APPROVED
DATE

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

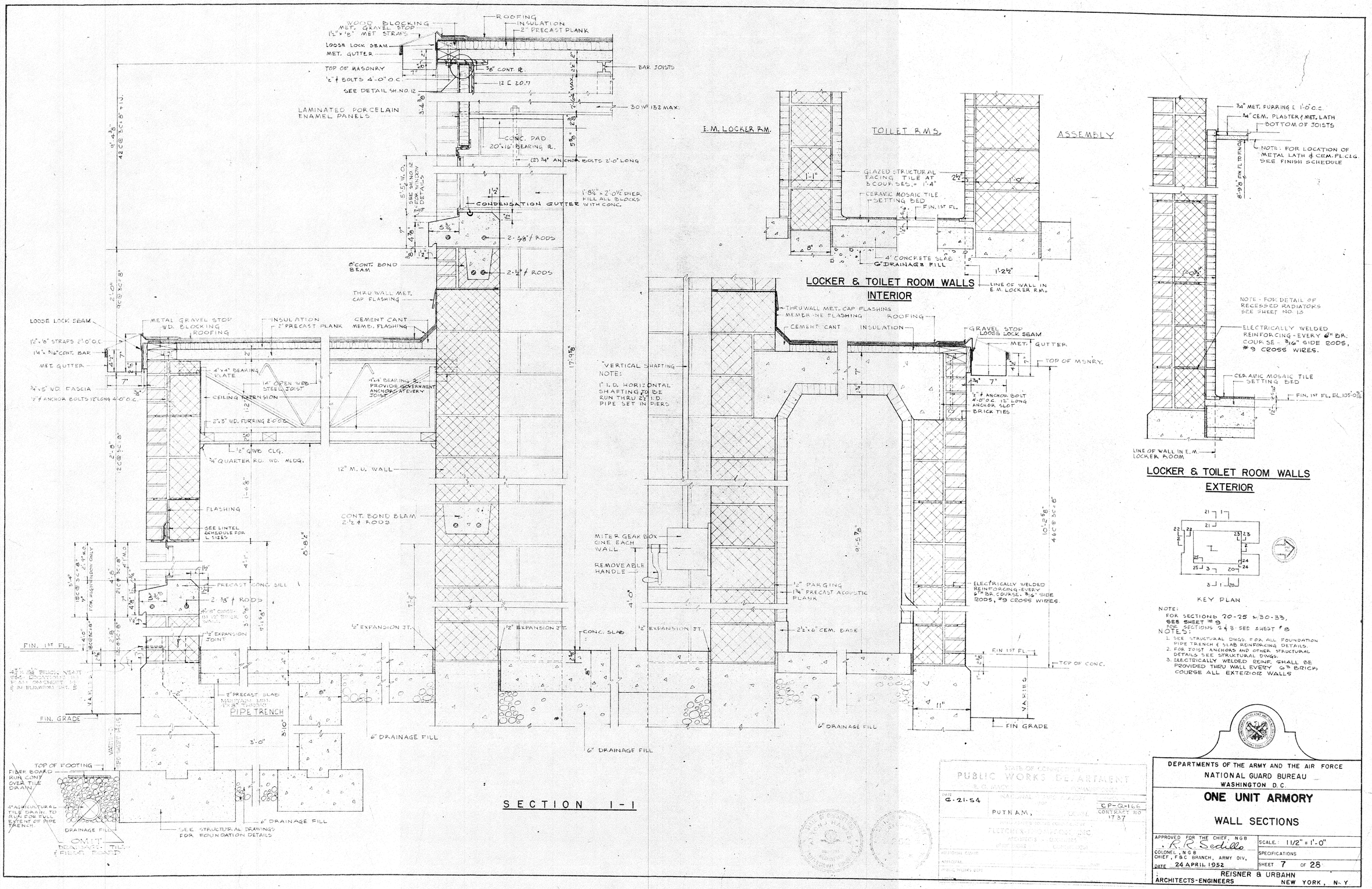
ONE UNIT ARMORY

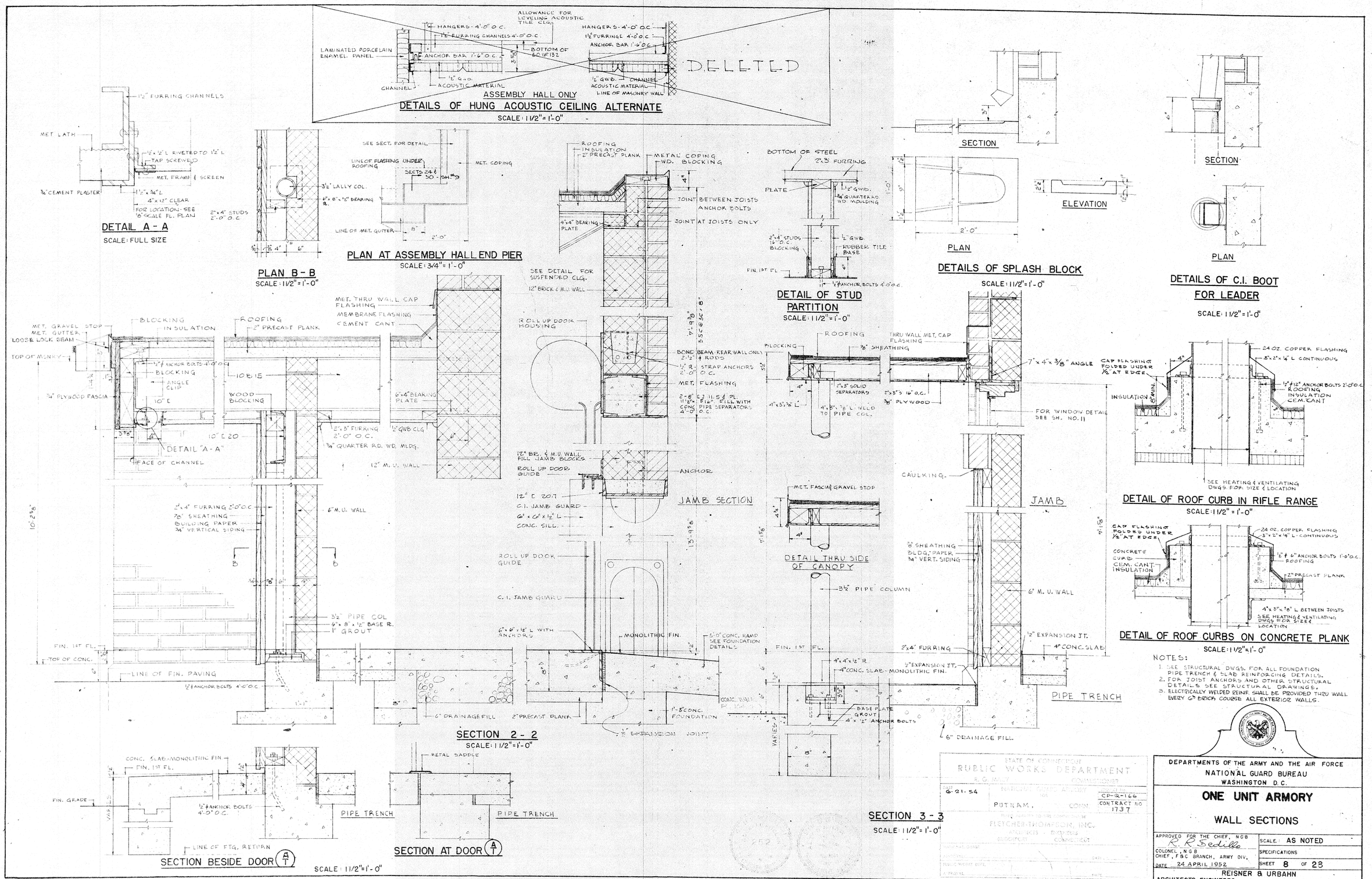
SECTIONS, FINISH SCHEDULE & DETAILS

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, N.G.B.
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

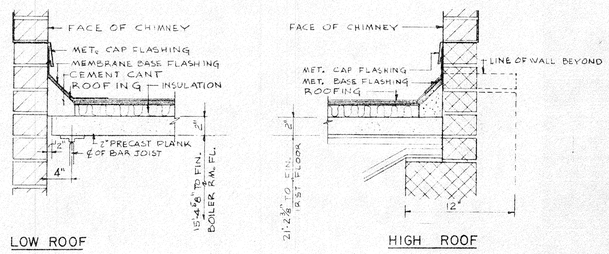
SCALE: AS NOTED
SPECIFICATIONS
SHEET 6 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.


WOOD BLOCKING
MET. GRAVEL STOP
1½"x 6" MET STRAPS
LOOSE LOCK SEAM
MET. GUTTER
TOP OF MASONRY
½" ϕ BOLTS 4'-0" O.C.
SEE DETAIL SH. NO. 12
ROOFING
INSULATION
2" PRECAST PLANK
3/8" CONT. R.
12 E 20.7
BAR JOISTS
30 WF 132 MAX.
LAMINATED PORCELAIN ENAMEL PANELS
CONC. PAD 20"x16" BEARING R.
(2) ¾" ANCHOR BOLTS 2'-0" LONG
CONDENSATION GUTTER
1'-8¼" x 2'-0½" PIER FILL ALL BLOCKS WITH CONC.
2-5/8" ϕ RODS
8" CONT. BOND BEAM
2-½" ϕ RODS
THRU WALL MET. CAP FLASHING
CEMENT CANT
MEMB. FLASHING
LOOSE LOCK SEAM
1½"x 6" STRAPS 2'-0" O.C.
1¼"x 3/16" CONT. BAR
MET. GUTTER
¾"x 5" WD. FASCIA
½" ϕ ANCHOR BOLTS 12" LONG 4'-0" O.C.
4"x 4" BEARING PLATE
14" OPEN WEB STEEL JOIST
CEILING EXTENSION
2"x 3" WD. FURRING 2'-0" O.C.
½" GYP. CLG.
¾" QUARTER RD. WD. MLDG.
FLASHING
SEE LINTEL SCHEDULE FOR L SIZES
12" M. U. WALL
CONT. BOND BEAM 2-½" ϕ RODS
PRECAST CONC. SILL
2-3/8" ϕ RODS
½" EXPANSION JOINT
FIN. 1ST FL.
FIN. GRADE
2" PRECAST SLAB
PIPE TRENCH
6" DRAINAGE FILL
3'-0"
TOP OF FOOTING
FIBER BOARD RUN CONT. OVER TILE DRAIN
4" AGRICULTURAL TILE DRAIN TO RUN FOR FULL EXTENT OF PIPE TRENCH
DRAINAGE FILL
OMIT DRAIN TILE & FILTER MATERIAL
SEE STRUCTURAL DRAWINGS FOR FOUNDATION DETAILS
SECTION 1-1
E. M. LOCKER RM.
TOILET RMS.
ASSEMBLY
GLAZED STRUCTURAL FACING TILE AT 3 COURSES = 1'-4"
CERAMIC MOSAIC TILE SETTING BED
FIN. 1ST FL.
4" CONCRETE SLAB
6" DRAINAGE FILL
LINE OF WALL IN E. M. LOCKER RM.
LOCKER & TOILET ROOM WALLS
INTERIOR
THRU WALL MET. CAP FLASHING
MEMBRANE FLASHING
CEMENT CANT
INSULATION
ROOFING
GRAVEL STOP
LOOSE LOCK SEAM
MET. GUTTER
TOP OF MSNRY.
VERTICAL SHAFTING
NOTE:
1" I. D. HORIZONTAL SHAFTING TO BE RUN THRU 2½" I.D. PIPE SET IN PIERS
½" ϕ ANCHOR BOLT 4'-0" O.C. 12" LONG ANCHOR SLOT BRICK TIES
MITER GEAR BOX ONE EACH WALL
REMOVEABLE HANDLE
½" PARGING
¾" PRECAST ACOUSTIC PLANK
ELECTRICALLY WELDED REINFORCING-EVERY 6TH BR. COURSE. 3/16" SIDE RODS, #9 CROSS WIRES.
½" EXPANSION JT.
CONC. SLAB
2½"x 6" CEM. BASE
FIN. 1ST FL.
TOP OF CONC.
6" DRAINAGE FILL
FIN GRADE
¾" MET. FURRING @ 1'-0" O.C.
¾" CEM. PLASTER & MET. LATH
BOTTOM OF JOISTS
NOTE: FOR LOCATION OF METAL LATH & CEM. PL. CLG. SEE FINISH SCHEDULE
NOTE - FOR DETAIL OF RECESSED RADIATORS SEE SHEET NO. 13
ELECTRICALLY WELDED REINFORCING - EVERY 6TH BR. COURSE - 3/16" SIDE RODS, #9 CROSS WIRES.
CERAMIC MOSAIC TILE SETTING BED
FIN. 1ST FL. EL. 105'-0"
LINE OF WALL IN E.M. LOCKER ROOM
LOCKER & TOILET ROOM WALLS
EXTERIOR
KEY PLAN
NOTE:
FOR SECTIONS 20-25 & 30-33, SEE SHEET #9
FOR SECTIONS 2 & 3 - SEE SHEET #8
NOTES:
1. SEE STRUCTURAL DWGS. FOR ALL FOUNDATION PIPE TRENCH & SLAB REINFORCING DETAILS.
2. FOR JOIST ANCHORS AND OTHER STRUCTURAL DETAILS SEE STRUCTURAL DWGS.
3. ELECTRICALLY WELDED REINF. SHALL BE PROVIDED THRU WALL EVERY 6TH BRICK COURSE ALL EXTERIOR WALLS
STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
6-21-54
PUTNAM,
CP-G-166
CONTRACT NO. 1737
FLETCHER-THOMPSON, INC.
ARCHITECTS - ENGINEERS
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.
ONE UNIT ARMORY
WALL SECTIONS
APPROVED FOR THE CHIEF, NGB
K. R. Sedillo
COLONEL, N.G.B.
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952
SCALE: 1 1/2" = 1'-0"
SPECIFICATIONS
SHEET 7 OF 28
REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.

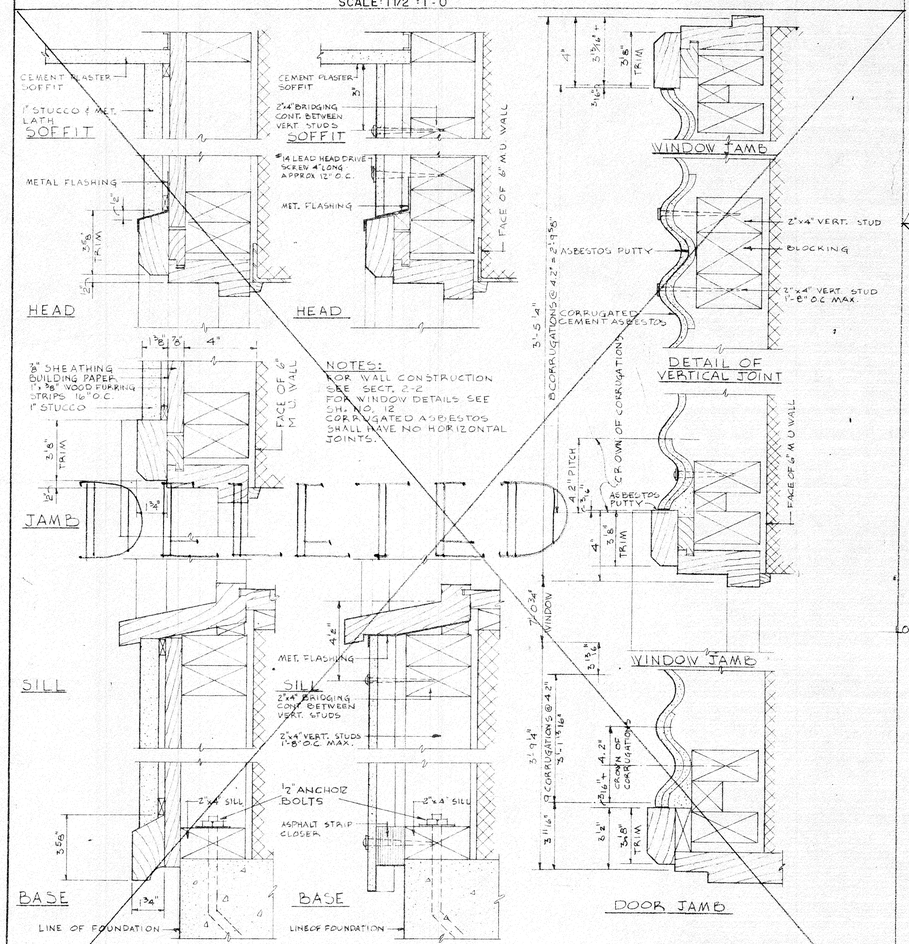

DELETED
ASSEMBLY HALL ONLY
DETAILS OF HUNG ACOUSTIC CEILING ALTERNATE
SCALE: 1 1/2" = 1'-0"
HANGERS - 4'-0" O.C.
1½" FURRING CHANNELS 4'-0" O.C.
ALLOWANCE FOR LEVELING ACOUSTIC TILE CLG.
LAMINATED PORCELAIN ENAMEL PANEL
ANCHOR BAR 1'-6" O.C.
BOTTOM OF 6" WF 132
CHANNEL
½" G.I.O.
ACOUSTIC MATERIAL
HANGERS - 4'-0" O.C.
1½" FURRING 4'-0" O.C.
ANCHOR BAR 1'-6" O.C.
½" GWB.
CHANNEL
ACOUSTIC MATERIAL
LINE OF MASONRY WALL
1½" FURRING CHANNELS
MET. LATH
½" x ½" L RIVETED TO 1½" L
TAP SCREWED
MET. FRAME & SCREEN
¾" CEMENT PLASTER
1½" x ¾" L
4" x 12" CLEAR
FOR LOCATION - SEE "B" SCALE FL. PLAN
2" x 4" STUDS 2'-0" O.C.
DETAIL A - A
SCALE: FULL SIZE
SEE SECT. FOR DETAIL
LINE OF FLASHING UNDER ROOFING
SECTS 24 & 50 - SH. No. 9
MET. COPING
3½" LALLY COL.
6" x 8" x ½" BEARING R.
LINE OF MET. GUTTER
8"
2'-0"
PLAN B - B
SCALE: 1 1/2" = 1'-0"
PLAN AT ASSEMBLY HALL END PIER
SCALE: 3/4" = 1'-0"
ROOFING
INSULATION
2" PRECAST PLANK
METAL COPING
WD. BLOCKING
JOINT BETWEEN JOISTS
ANCHOR BOLTS
JOINT AT JOISTS ONLY
4" x 4" BEARING PLATE
SEE DETAIL FOR SUSPENDED CLG.
12" BRICK & M.U. WALL
ROLL UP DOOR HOUSING
BOND BEAM REAR WALL ONLY 2-½" ϕ RODS
½" R. STRAP ANCHORS 2'-0" O.C.
MET. FLASHING
2-8" C.J. 11.5 # PL. 11½" x 5½" FILL WITH CONC. PIPE SEPARATORS 4'-0" O.C.
12" BR. & M.U. WALL FILL JAMB BLOCKS
ROLL UP DOOR GUIDE
ANCHOR
12" E 20.7
C.I. JAMB GUARD
6" x 6" x ½" L
CONC. SILL
JAMB SECTION
ROLL UP DOOR GUIDE
C.I. JAMB GUARD
6" x 6" x ½" L WITH ANCHORS
MONOLITHIC FIN.
5'-0" CONC. RAMP SEE FOUNDATION DETAILS
1'-8" CONC. FOUNDATION
½" EXPANSION JOINT
CONC. WALL
BOTTOM OF STEEL
2" x 3" FURRING
PLATE
1½" GWB.
¾" QUARTER RD. WD. MOULDING
2" x 4" STUDS 16" O.C. BLOCKING
½" GWB
RUBBER TILE BASE
FIN. 1ST FL.
½" ϕ ANCHOR BOLTS 4'-0" O.C.
DETAIL OF STUD PARTITION
SCALE: 1 1/2" = 1'-0"
SECTION
ELEVATION
PLAN
DETAILS OF SPLASH BLOCK
SCALE: 1 1/2" = 1'-0"
SECTION
PLAN
DETAILS OF C.I. BOOT FOR LEADER
SCALE: 1 1/2" = 1'-0"
MET. GRAVEL STOP
MET. GUTTER
LOOSE LOCK SEAM
TOP OF MONRY.
BLOCKING
INSULATION
ROOFING
2" PRECAST PLANK
½" ϕ ANCHOR BOLTS 4'-0" O.C.
BLOCKING
ANGLE CLIP
10 B 15
¾" PLYWOOD FASCIA
WOOD BLOCKING
6" x 4" BEARING PLATE
2" x 3" FURRING 2'-0" O.C.
½" GWB CLG
¾" QUARTER RD. WD. MLDG.
10" E 20
DETAIL "A - A"
FACE OF CHANNEL
12" M.U. WALL
MET. THRU WALL CAP FLASHING
MEMBRANE FLASHING
CEMENT CANT
2" x 4" FURRING 2'-0" O.C.
⅞" SHEATHING
BUILDING PAPER
¾" VERTICAL SIDING
6" M.U. WALL
3½" PIPE COL.
6" x 8" x ½" BASE R.
1" GROUT
FIN. 1ST FL.
TOP OF CONC.
LINE OF FIN. PAVING
½" ϕ ANCHOR BOLTS 4'-0" O.C.
6" DRAINAGE FILL
2" PRECAST PLANK
SECTION 2 - 2
SCALE: 1 1/2" = 1'-0"
BLOCKING
ROOFING
⅞" SHEATHING
THRU WALL MET. CAP FLASHING
7" x 4" x 3/8" ANGLE
2" x 3" SOLID SEPARATORS
4" x 3" x ⅜" L
4" x 3" x ⅜" L WELD TO PIPE COL.
2" x 3" S 16" O.C.
⅜" PLYWOOD
FOR WINDOW DETAIL SEE SH. NO. 11
CAULKING
MET. FASCIA & GRAVEL STOP
DETAIL THRU SIDE OF CANOPY
JAMB
⅞" SHEATHING
BLDG. PAPER
¾" VERT. SIDING
6" M.U. WALL
3½" PIPE COLUMN
2" x 4" FURRING
½" EXPANSION JT.
4" CONC. SLAB
4" x 4" x ½" R.
½" EXPANSION JT.
4" CONC. SLAB - MONOLITHIC FIN.
BASE PLATE GROUT
4" x ½" ANCHOR BOLTS
6" DRAINAGE FILL
PIPE TRENCH
SECTION 3 - 3
SCALE: 1 1/2" = 1'-0"
24 OZ. COPPER FLASHING
5" x 2" x ¼" L CONTINUOUS
CAP FLASHING FOLDED UNDER ½" AT EDGE
½" ϕ 12" ANCHOR BOLTS 2'-0" O.C.
ROOFING
INSULATION
CEM. CANT
INSULATION
SEE HEATING & VENTILATING DWGS. FOR SIZE & LOCATION
DETAIL OF ROOF CURB IN RIFLE RANGE
SCALE: 1 1/2" = 1'-0"
CAP FLASHING FOLDED UNDER ½" AT EDGE
24 OZ. COPPER FLASHING
5" x 2" x ¼" L - CONTINUOUS
CONCRETE CURB
CEM. CANT INSULATION
½" ϕ 6" ANCHOR BOLTS 1'-0" O.C.
ROOFING
2" PRECAST PLANK
4" x 3" x ⅜" L BETWEEN JOISTS
SEE HEATING & VENTILATING DWGS FOR SIZES & LOCATION
DETAIL OF ROOF CURBS ON CONCRETE PLANK
SCALE: 1 1/2" = 1'-0"
NOTES:
1. SEE STRUCTURAL DWGS. FOR ALL FOUNDATION PIPE TRENCH & SLAB REINFORCING DETAILS.
2. FOR JOIST ANCHORS AND OTHER STRUCTURAL DETAILS SEE STRUCTURAL DRAWINGS.
3. ELECTRICALLY WELDED REINF. SHALL BE PROVIDED THRU WALL EVERY 6th BRICK COURSE ALL EXTERIOR WALLS.
CONC. SLAB - MONOLITHIC FIN.
FIN. 1ST FL.
FIN. GRADE
½" ϕ ANCHOR BOLTS 4'-0" O.C.
PIPE TRENCH
LINE OF FTG. RETURN
SECTION BESIDE DOOR A/T
METAL SADDLE
PIPE TRENCH
SECTION AT DOOR A/T
SCALE: 1 1/2" = 1'-0"
STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MALY
COMMISSIONER
DATE 6-21-54
PUTNAM, CONN.
CP-Q-166
CONTRACT NO 1737
FLETCHER-THOMPSON, INC.
ARCHITECTS - ENGINEERS
BRIDGEPORT CONNECTICUT
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.
ONE UNIT ARMORY
WALL SECTIONS
APPROVED FOR THE CHIEF, NGB
R. R. Sedille
COLONEL, N.G.B.
CHIEF, F.B.C. BRANCH, ARMY DIV.
DATE 24 APRIL 1952
SCALE: AS NOTED
SPECIFICATIONS
SHEET 8 OF 23
REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.

DELETED



CHIMNEY FLASHING DETAILS

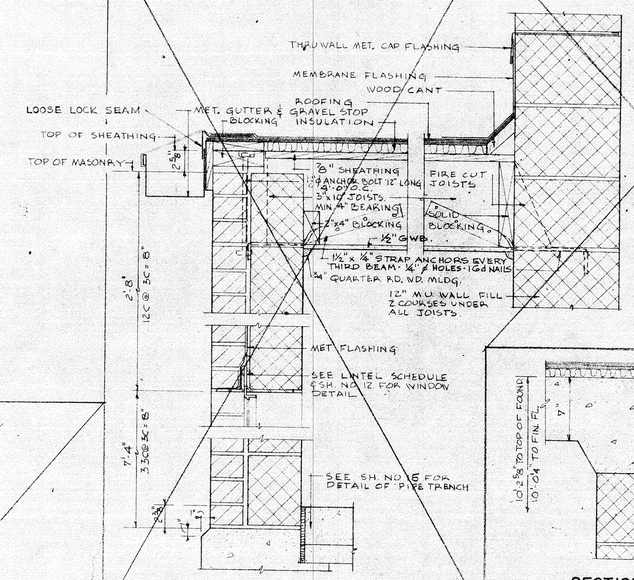
SCALE: 1 1/2" = 1'-0"



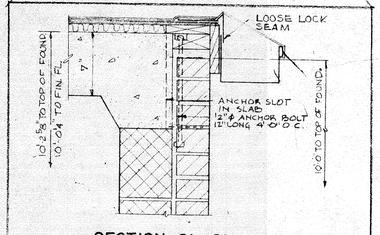
ALTERNATE DETAILS FOR MAIN ENTRANCE

SEE SHEET NO. 8

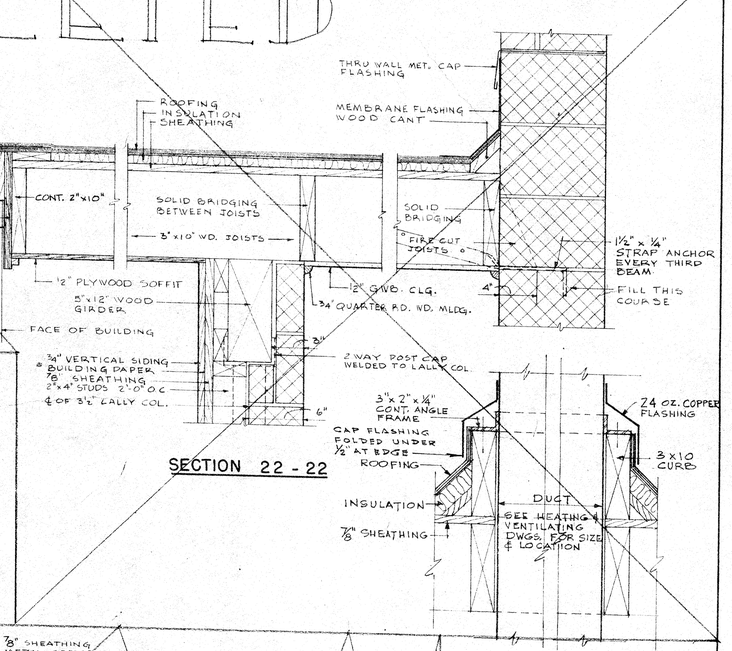
SCALE: 3" = 1'-0"



SECTION 20-20



SECTION 21-21



SECTION 22-22

SECTION 23-23

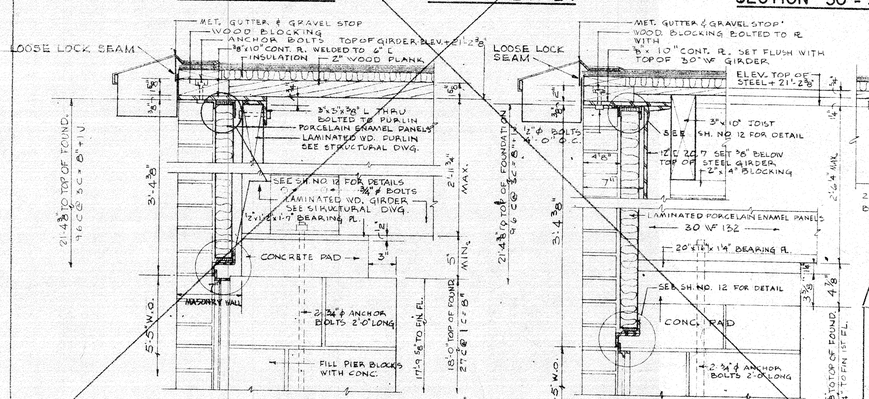
SECTION 24-24

SECTION 30-30

SECTION 31-31

NOTES:

1. SECTIONS 30-31-32-33 ARE FOR ALTERNATE WOOD JOIST FRAMING OF ROOF OVER ASSEMBLY. SEE SHEET # 12 FOR LOCATION. DELETED
2. SECTIONS 20-21-22 ARE FOR ALTERNATE WOOD JOIST FRAMING OF LOW ROOF.
3. SECTIONS 23-24-25 ARE FOR WOOD PLANKS, PURLIN & LAMINATED GIRDER FRAMING OF ROOF OVER ASSEMBLY.
4. SEE STRUCTURAL DWGS. FOR ALL FOUNDATION, PIPE TRENCH & SLAB REINFORCING DETAILS.
5. FOR JOIST ANCHORS & OTHER STRUCTURAL DETAILS. SEE STRUCTURAL DWGS.
6. ELECTRICALLY WELDED REINFORCING SHALL BE PROVIDED THRU WALL EVERY 6th COURSE ALL EXTERIOR WALLS.



SECTION 25-25

SECTION 32-32

SECTION 33-33

SCALE: 1 1/2" = 1'-0"

PUBLIC WORKS DEPARTMENT
P.O. WORK — COMMISSIONER
NATIONAL GUARD ARMORY — FOR — CITY
PUTNAM, CONN. — CONTRACT NO. CP-G-166 / 1737
DESIGNED AND PREPARED BY THE CONSULTANTS OF
FLETCHER-THOMPSON, INC.
ARCHITECTS — ENGINEERS
BRIDGEPORT — CONNECTICUT
NATIONAL GUARD — DATE
ARMORY — DATE
PUBLIC WORKS DEPT. — DATE
SECTION — DATE

G-21-54

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY

WALL SECTIONS & ALTERNATE DETAILS

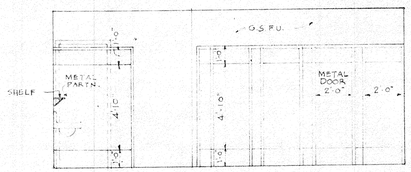
APPROVED FOR THE CHIEF, NGB
K. C. Sedills
COLONEL, NGB
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE: AS NOTED

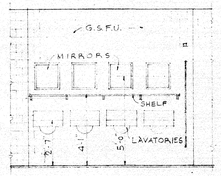
SPECIFICATIONS

SHEET 9 OF 28

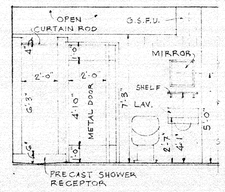
REISNER & URBAHN
ARCHITECTS-ENGINEERS NEW YORK, N.Y.



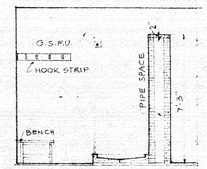
ELEVATION 1-1



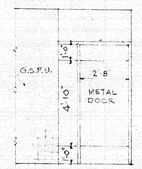
ELEVATION 2-2



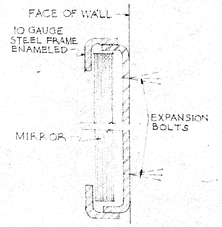
ELEVATION 5-5



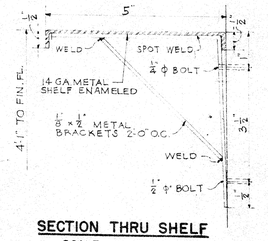
ELEVATION 6-6



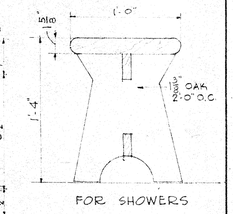
ELEVATION 7-7



SECTION THRU MIRROR
SCALE FULL SIZE

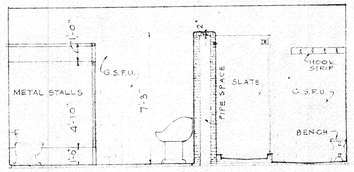


SECTION THRU SHELF
SCALE HALF SIZE

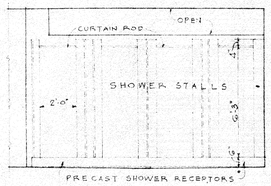


FOR SHOWERS

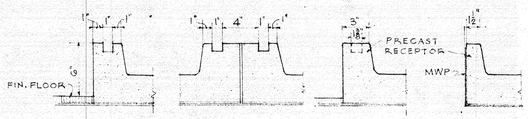
SECTION THRU BENCH
SCALE 1 1/2" = 1'-0"



ELEVATION 3-3

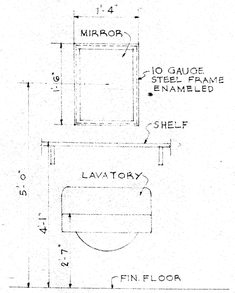


ELEVATION 4-4

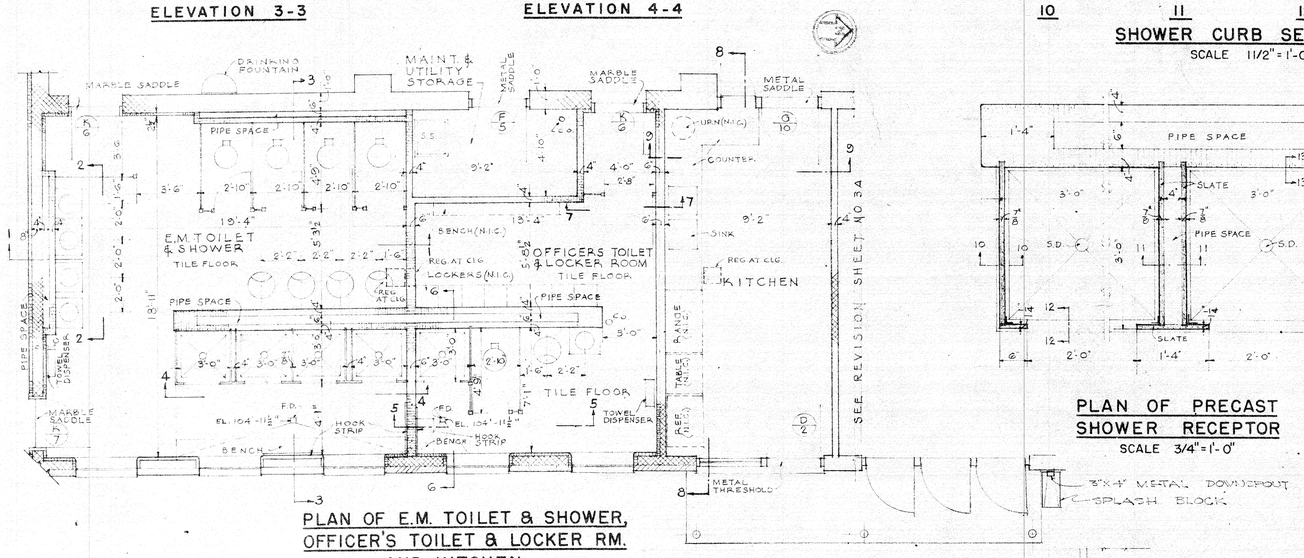


SHOWER CURB SECTIONS
SCALE 1 1/2" = 1'-0"

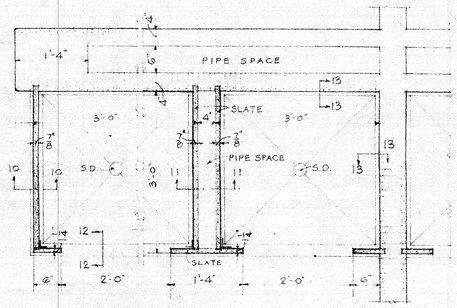
HOOK STRIP DETAIL
SCALE 3" = 1'-0"



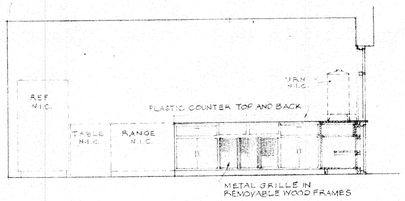
WALL MIRROR & SHELF OVER LAVS IN TOILETS
SCALE 3/4" = 1'-0"



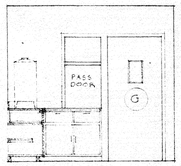
PLAN OF E.M. TOILET & SHOWER, OFFICER'S TOILET & LOCKER RM. AND KITCHEN
SCALE 1/4" = 1'-0"



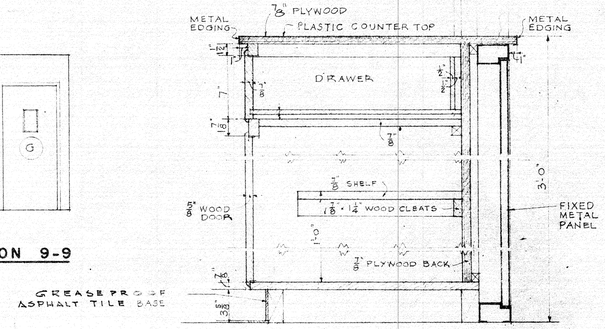
PLAN OF PRECAST SHOWER RECEPTOR
SCALE 3/4" = 1'-0"



ELEVATION 8-8



ELEVATION 9-9



DETAIL OF KITCHEN COUNTER
SCALE 1 1/2" = 1'-0"

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
6-21-54
NATIONAL GUARD ARMORY
PUTNAM, CONN.
CP-Q-166
CONTRACT NO. 1737
FLETCHER-THOMPSON, INC.
BRIDGEPORT, CONNECTICUT

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

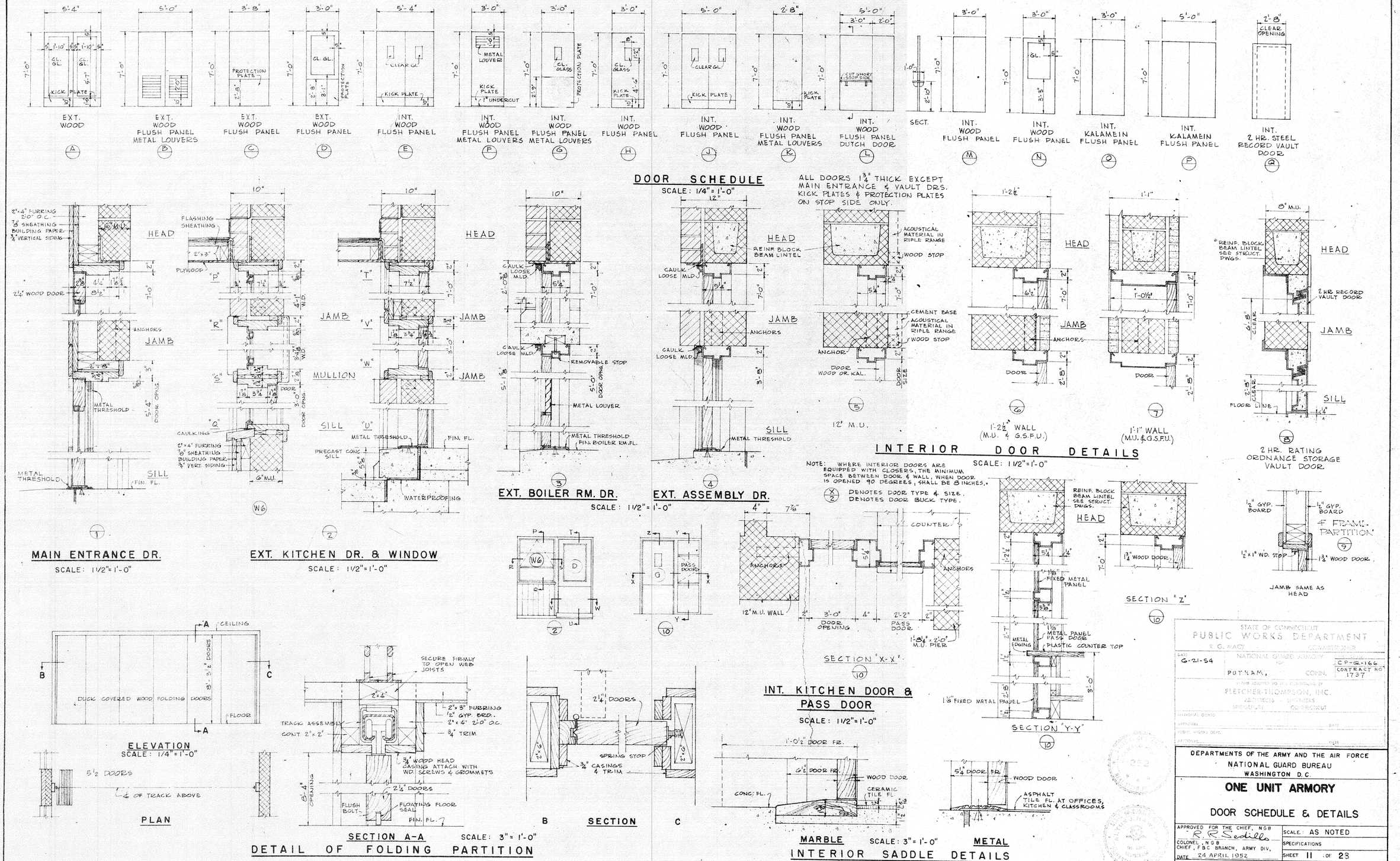
ONE UNIT ARMORY

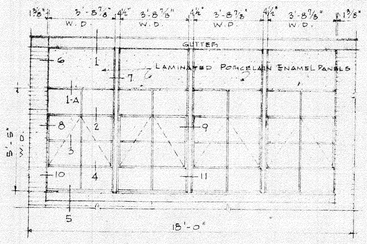
TOILET, SHOWER & KITCHEN DETAILS

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, NGB
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

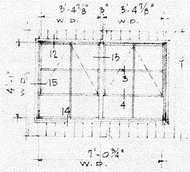
SCALE: AS NOTED
SPECIFICATIONS
SHEET 10 OF 23

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.

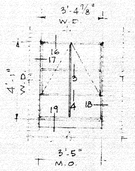

DOOR SCHEDULE
SCALE: 1/4" = 1'-0"
ALL DOORS 1 3/4" THICK EXCEPT MAIN ENTRANCE & VAULT DRS. KICK PLATES & PROTECTION PLATES ON STOP SIDE ONLY.
EXT. WOOD (A)
EXT. WOOD FLUSH PANEL METAL LOUVERS (B)
EXT. WOOD FLUSH PANEL (C)
EXT. WOOD FLUSH PANEL (D)
INT. WOOD FLUSH PANEL (E)
INT. WOOD FLUSH PANEL METAL LOUVERS (F)
INT. WOOD FLUSH PANEL METAL LOUVERS (G)
INT. WOOD FLUSH PANEL (H)
INT. WOOD FLUSH PANEL (J)
INT. WOOD FLUSH PANEL METAL LOUVERS (K)
INT. WOOD FLUSH PANEL DUTCH DOOR (L)
SECT.
INT. WOOD FLUSH PANEL (M)
INT. WOOD FLUSH PANEL (N)
INT. KALAMEIN FLUSH PANEL (O)
INT. KALAMEIN FLUSH PANEL (P)
INT. 2 HR. STEEL RECORD VAULT DOOR (Q)
MAIN ENTRANCE DR.
SCALE: 1 1/2" = 1'-0"
EXT. KITCHEN DR. & WINDOW
SCALE: 1 1/2" = 1'-0"
EXT. BOILER RM. DR.
SCALE: 1 1/2" = 1'-0"
EXT. ASSEMBLY DR.
INTERIOR DOOR DETAILS
SCALE: 1 1/2" = 1'-0"
1'-2 1/2" WALL (M.U. & G.S.F.U.)
1'-1" WALL (M.U. & G.S.F.U.)
12" M.U.
2 HR. RATING ORDNANCE STORAGE VAULT DOOR.
JAMB SAME AS HEAD
SECTION "Z"
SECTION "X-X"
INT. KITCHEN DOOR & PASS DOOR
SCALE: 1 1/2" = 1'-0"
SECTION "Y-Y"
NOTE: WHERE INTERIOR DOORS ARE EQUIPPED WITH CLOSERS, THE MINIMUM SPACE BETWEEN DOOR & WALL, WHEN DOOR IS OPENED 90 DEGREES, SHALL BE 8 INCHES.
X DENOTES DOOR TYPE & SIZE.
2 DENOTES DOOR BUCK TYPE.
ELEVATION
SCALE: 1/4" = 1'-0"
PLAN
SECTION A-A
SCALE: 3" = 1'-0"
DETAIL OF FOLDING PARTITION
SECTION
MARBLE
SCALE: 3" = 1'-0"
METAL
INTERIOR SADDLE DETAILS
STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MACY COMMISSIONER
DATE 6-21-54
NATIONAL GUARD ARMORY OF PUTNAM, CONN.
CP-G-166
CONTRACT NO. 1737
PLANS DRAWN BY AND SUPERVISING BY
FLETCHER-THOMPSON, INC.
ARCHITECTS - ENGINEERS
BRIDGEPORT, CONNECTICUT
NATIONAL GUARD
APPROVAL DATE
PUBLIC WORKS DEPT.
APPROVAL DATE
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.
ONE UNIT ARMORY
DOOR SCHEDULE & DETAILS
APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, N.G.B.
CHIEF, F.B.C. BRANCH, ARMY DIV.
DATE 24 APRIL 1952
SCALE: AS NOTED
SPECIFICATIONS
SHEET 11 OF 23
REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.



(W1) COMMERCIAL PROJECTED



(W2) ARCHITECTURAL PROJECTED



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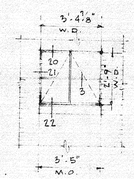

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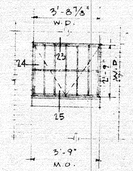
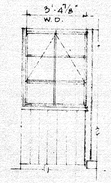


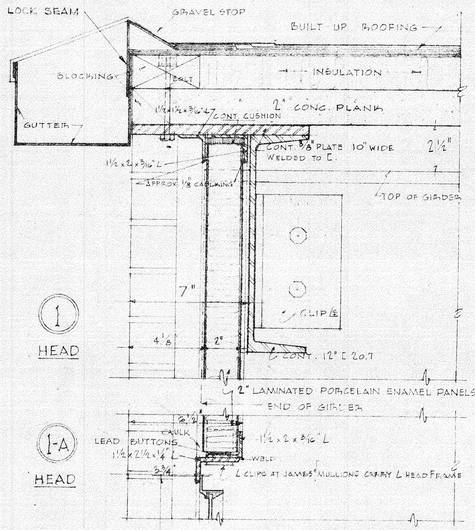
(W5) SECURITY SASH



(W6) ARCHITECTURAL PROJECTED FOR DETAILS SEE SHEET 11

WINDOW TYPES

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



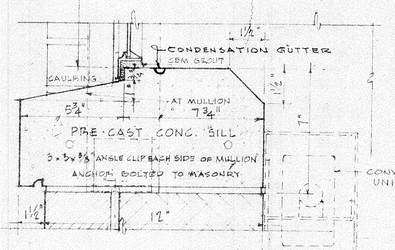
(1) HEAD

(1-A) HEAD

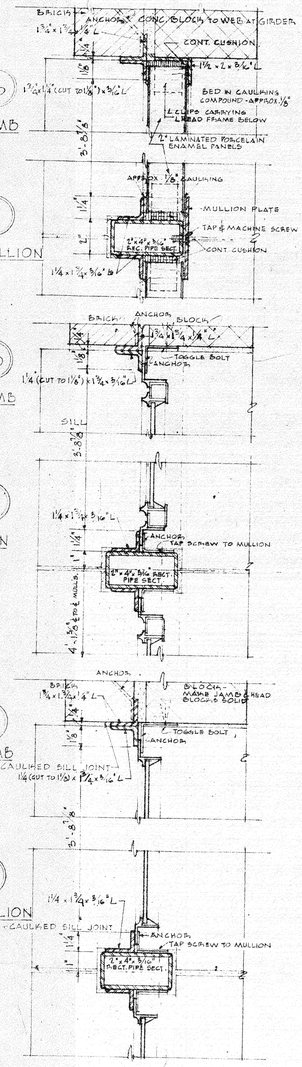
(2) RAIL

(3) MUNTIN

(4) RAIL



(5) SILL



(6) JAMB

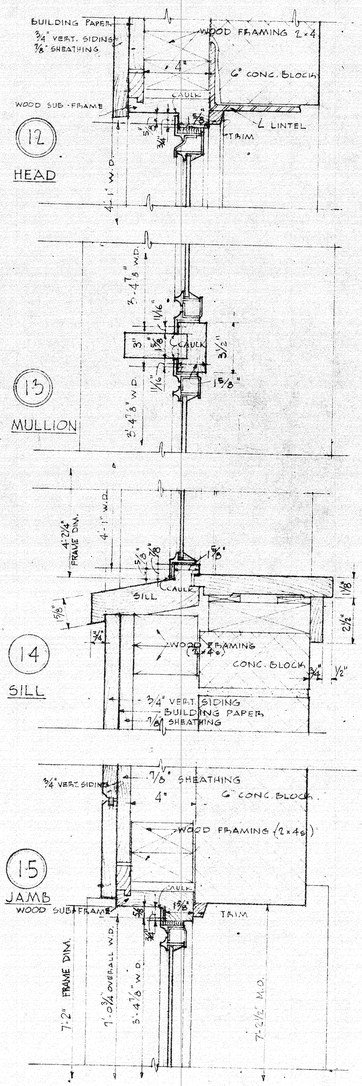
(7) MULLION

(8) JAMB

(9) MULLION

(10) JAMB

(11) MULLION

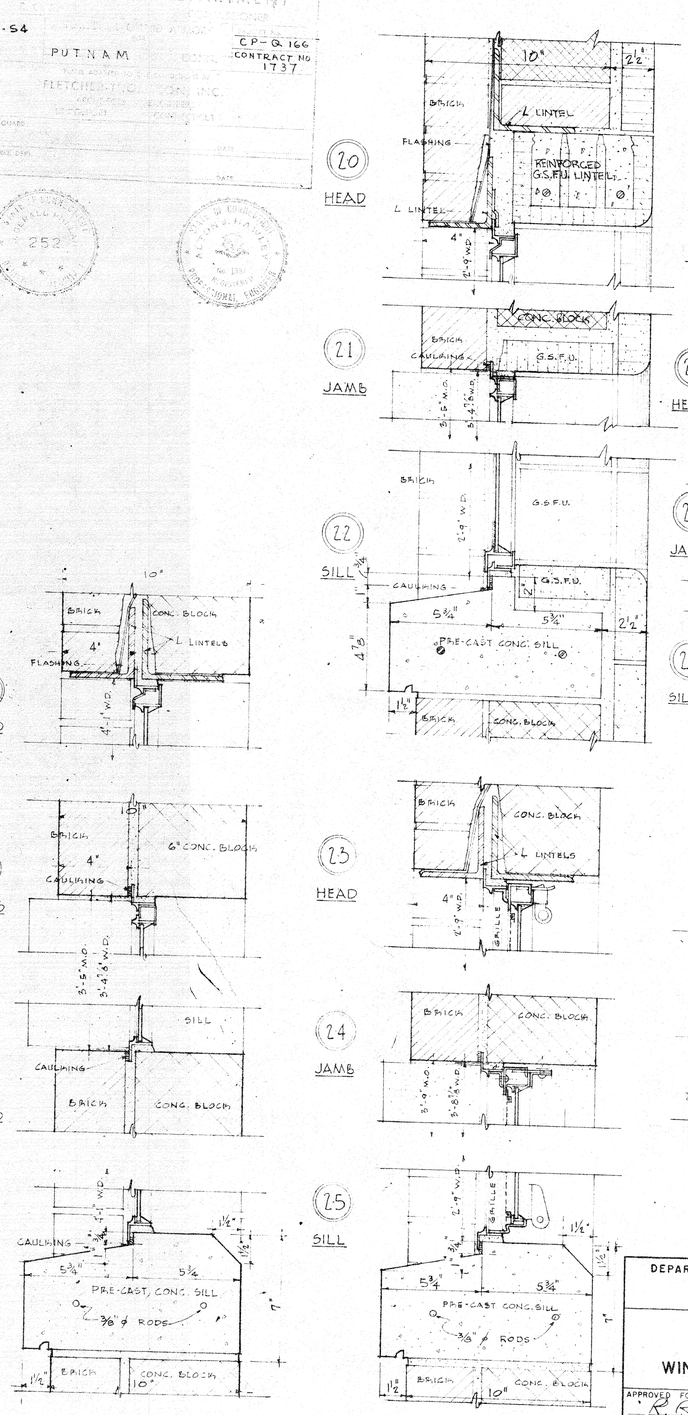


(12) HEAD

(13) MULLION

(14) SILL

(15) JAMB



(16) HEAD

(17) JAMB

(18) JAMB

(19) SILL

(20) HEAD

(21) JAMB

(22) SILL

(23) HEAD

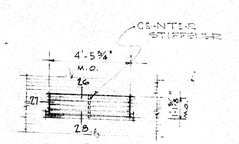
(24) JAMB

(25) SILL

(26) HEAD

(27) JAMB

(28) SILL



(L1) VENTILATING LOUVERS

(L2) SIMILAR IN DETAIL - SEE H.&V. DWG. FOR SCHEDULE OF SIZES

DETAIL ELEV. AT END OF SILL

WINDOW DETAILS

SCALE: 3" = 1'-0"

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
G-21-54
PUTNAM
CP-G.166
CONTRACT NO. 1737
FLETCHER-TOLL & MORGAN, INC.
252

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY

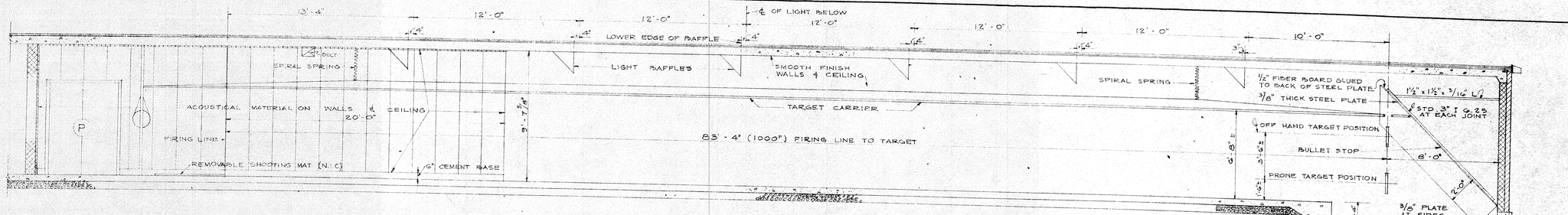
WINDOW SCHEDULE & DETAILS

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, N.G.B.
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE: AS NOTED
SPECIFICATIONS
SHEET 12 OF 22

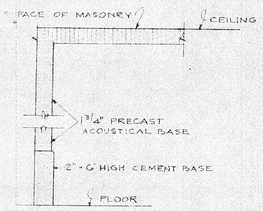
REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.

13



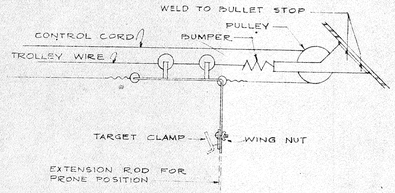
SECTION THRU RIFLE RANGE

SCALE 1/4" = 1'-0"



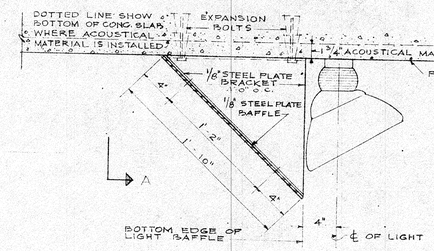
SECTION SHOWING ACOUSTIC MATERIAL IN RIFLE RANGE

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

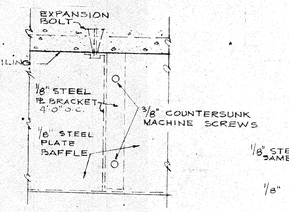


TARGET CARRIER

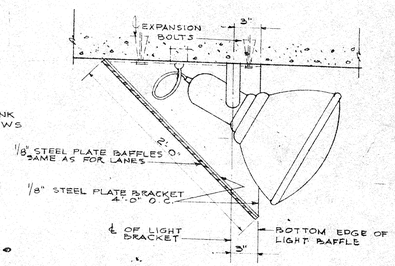
NO SCALE



LANE LIGHT BAFFLE



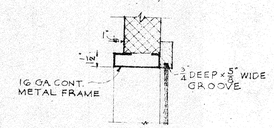
ELEVATION A



TARGET LIGHT BAFFLE

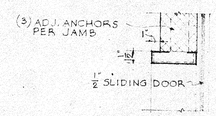
DETAILS OF LIGHT BAFFLES

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

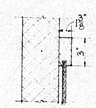


SECTION K

(JAMB & SILL SIMILAR)

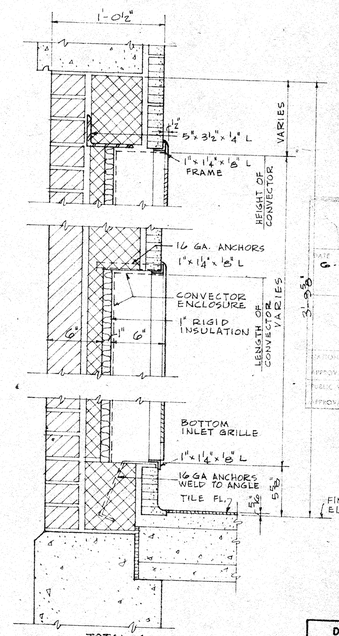


SECTION L



SECTION M

SECT. SCALE 1 1/2" = 1'-0"

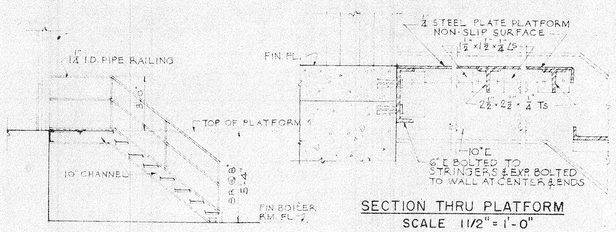


TOTAL 6

DETAIL OF RECESSED CONVECTOR

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

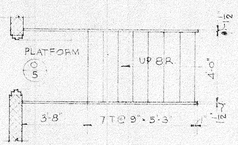
STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. O. MACY — COMMISSIONER
NATIONAL GUARD ARMORY
DATE 6-21-54
PUTNAM, CONN.
CP-G-166
CONTRACT NO. 17 37
FLETCHER-THOMPSON, INC.
ARCHITECTS — ENGINEERS
BRIDGEPORT — CONNECTICUT
NATIONAL GUARD
APPROVAL — DATE
PUBLIC WORKS DEPT.
APPROVAL — DATE



SECTION

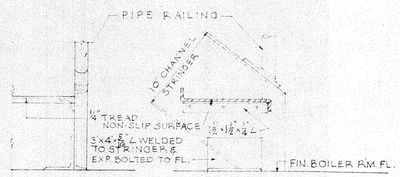
SECTION THRU PLATFORM

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



PLAN

SCALE 1/4" = 1'-0"

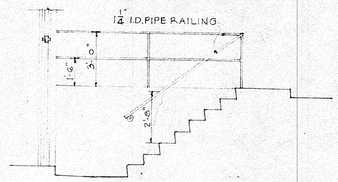


ELEVATION SECTION

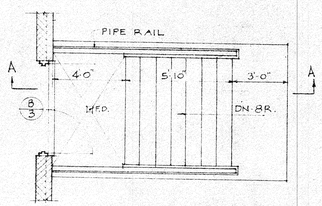
DETAIL AT FOOT OF STRINGER

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

DETAILS OF STAIR IN BOILER ROOM



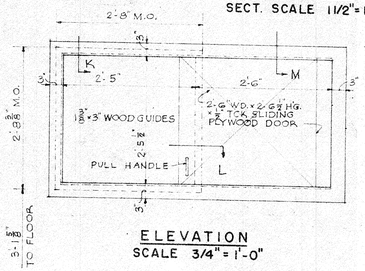
SECTION A-A



PLAN

DETAILS OF BOILER ROOM STAIR

SCALE 1/4" = 1'-0"



ELEVATION

SCALE 3/4" = 1'-0"

SLIDING WICKET DETAILS

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

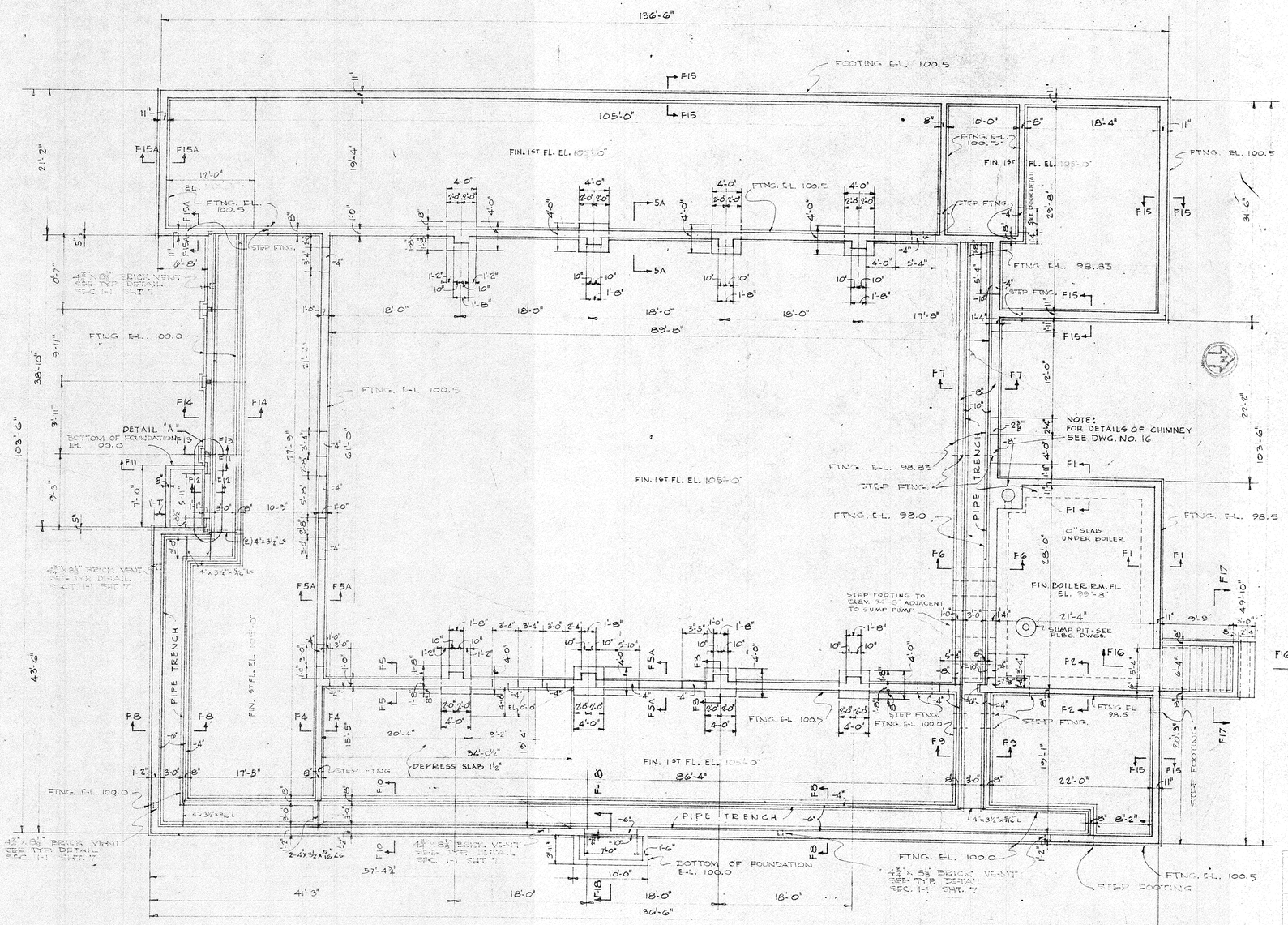
ONE UNIT ARMORY

RIFLE RANGE & MISCELLANEOUS DETAILS

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, NGB
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE: AS NOTED
SPECIFICATIONS
SHEET 13 OF 22

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.



FOUNDATION PLAN

NOTE

TOP OF FOUNDATION WALL AT ELEVATION 104 - 7⅝" UNLESS OTHERWISE INDICATED.
ALL FOOTING ELEVATIONS ARE TO BOTTOM OF FOOTING UNLESS OTHERWISE NOTED.

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MACY

DATE 6-21-54	NATIONAL GUARD ARMORY PUTNAM, CONN.	CP-G-166 CONTRACT NO 1737

FLETCHER-THOMPSON, INC.
ARCHITECTS
ENGINEERS

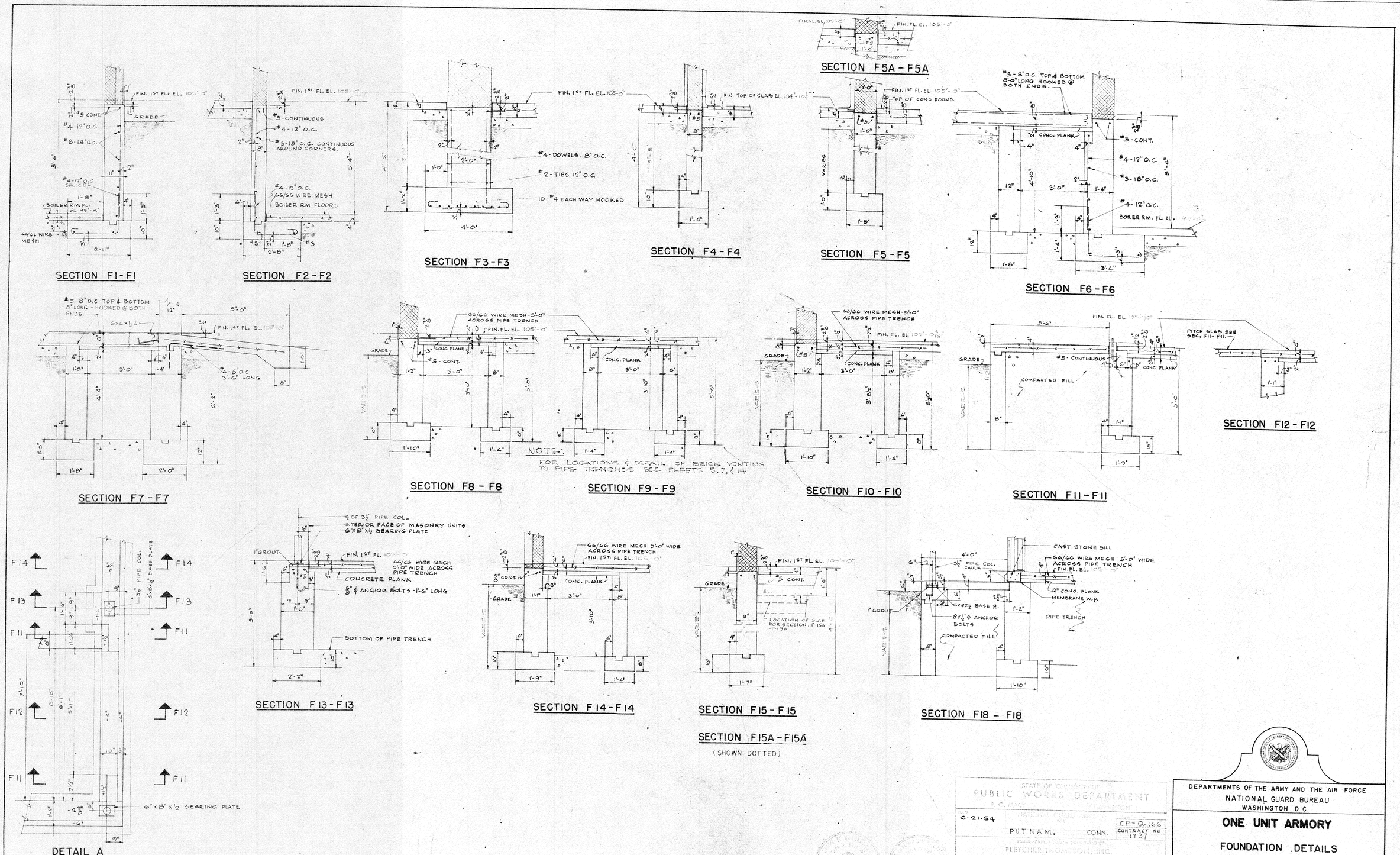
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY

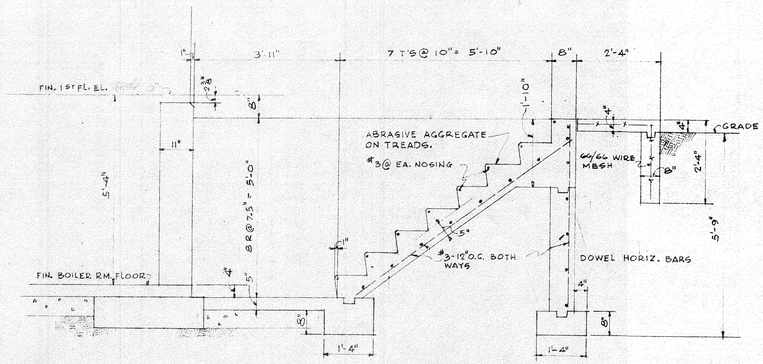
FOUNDATION PLAN

APPROVED FOR THE CHIEF, NGB R. R. Sedillo	SCALE: 1/8" = 1'-0"
COLONEL, NGB CHIEF, F&C BRANCH, ARMY DIV,	SPECIFICATIONS
DATE 24 APRIL 1952	SHEET 14 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS NEW YORK, N.Y.

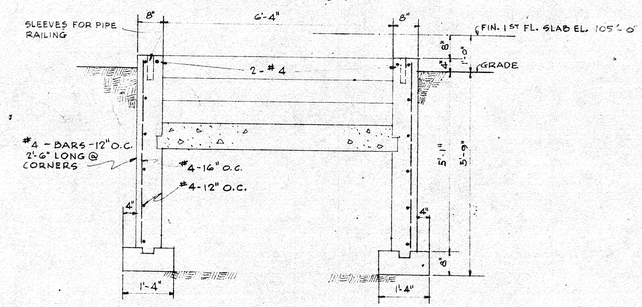

SECTION F5A - F5A
SECTION F1 - F1
SECTION F2 - F2
SECTION F3 - F3
SECTION F4 - F4
SECTION F5 - F5
SECTION F6 - F6
SECTION F7 - F7
SECTION F8 - F8
SECTION F9 - F9
SECTION F10 - F10
SECTION F11 - F11
SECTION F12 - F12
SECTION F13 - F13
SECTION F14 - F14
SECTION F15 - F15
SECTION F15A - F15A
(SHOWN DOTTED)
SECTION F18 - F18
DETAIL A
NOTE:
FOR LOCATIONS & DETAIL OF BRICK VENTING TO PIPE TRENCHES SEE SHEETS 5, 7, & 14
STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
6-21-54
PUTNAM, CONN.
CP-Q-166
CONTRACT NO 1737
FLETCHER-THOMPSON, INC.
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.
ONE UNIT ARMORY
FOUNDATION DETAILS
APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, N G B
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952
SCALE 1/2"=1'-0"
SPECIFICATIONS
SHEET 15 OF 28
REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.

16



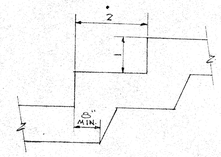
SECTION F16 – F16

SCALE: 1/2" = 1'-0"



SECTION F17-F17

SCALE: 1/2" = 1'-0"

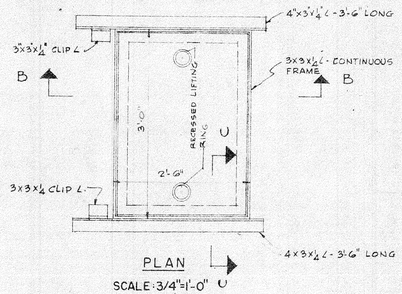


TYPICAL FOOTING STEP

NO SCALE

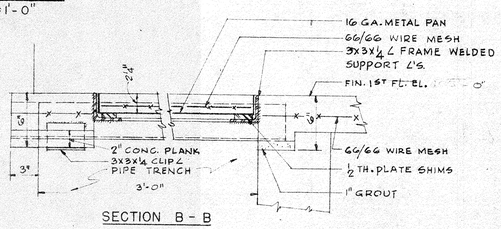
FOUNDATION NOTES

1. FOUNDATIONS DESIGNED FOR 4000 LBS/FT²
2. CONCRETE SHALL DEVELOPE A STRENGTH OF 2500#/IN.² AT 28 DAYS.
3. NO BACKFILLING AGAINST PIPE TRENCH WALLS UNTIL CONCRETE PLANK OVER TRENCH IS IN PLACE.
4. FOOTINGS SHALL EXTEND TO BELOW FROST OR 1'-0" BELOW EXISTING GRADE AND BEAR ON UNDISTURBED SOIL.
5. PROVIDE ½" PREMOLDED JOINT FILLER AT JUNCTION OF SLABS AND FOUNDATION WALLS, EXCEPT WHERE OTHERWISE NOTED.
6. NO REINFORCEMENT REQUIRED FOR SLABS ON FILL EXCEPT AS SHOWN.
7. INSTALL PIPE SLEEVES AND INSERTS WHERE REQUIRED BY OTHER TRADES.
8. PROVIDE 2-#5 RODS CONTINUOUS AT TOP OF ALL FOUNDATION WALLS.
9. THICKNESS OF SLAB ON EARTH IN ASSEMBLY HALL TO BE 8" WITH 66/44 STYLE MESH. SLAB DESIGNED FOR 15000 # WHEEL LOADS. FOR OTHER LOADS CONSULT WAR DEPARTMENT MANUAL FOR PAVEMENT DESIGN, PART XII, CHAPTER 3.

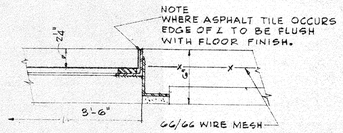


PLAN

SCALE: 3/4" = 1'-0"



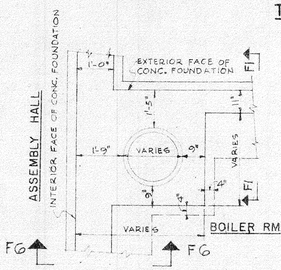
SECTION B - B



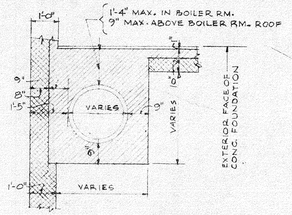
SECTION C - C

TRENCH COVER DETAILS

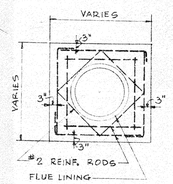
SCALE: 1 1/2" & 3/4" = 1'-0"



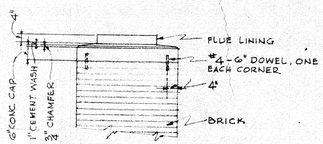
CHIMNEY FOUNDATION PLAN



PLAN THRU CHIMNEY AT BOILER RM.



REINFORCED CONCRETE CAP

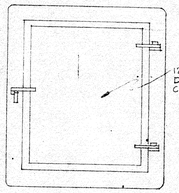


NOTE:
FOR SIZE OF FLUE LINING SEE MECHANICAL DRAWINGS.

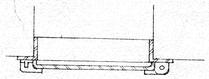
ELEVATION

DETAILS OF CHIMNEY

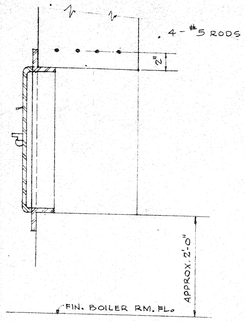
SCALE: 3/8" = 1'-0"



ELEVATION



PLAN

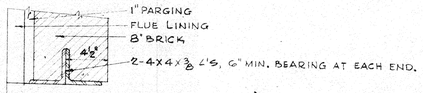


SECTION

NOTE:
SEE MECHANICAL DW'GS FOR LOCATION OF CLEANOUT DOOR

DETAIL OF CLEANOUT DOOR

NO SCALE



NOTE:
FOR SIZE & LOCATION OF BREECHING SEE MECHANICAL DW'GS.

DETAIL OF LINTEL AT BREECHING

SCALE: 1/2" = 1'-0"

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R.O. MARCY
COMMISSIONER

6-21-54 | CP-G-166 CONTRACT NO. 1737
PUTNAM, CONN.
FLETCHER-THOMPSON, INC.
BRIDGEPORT, CONNECTICUT

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY

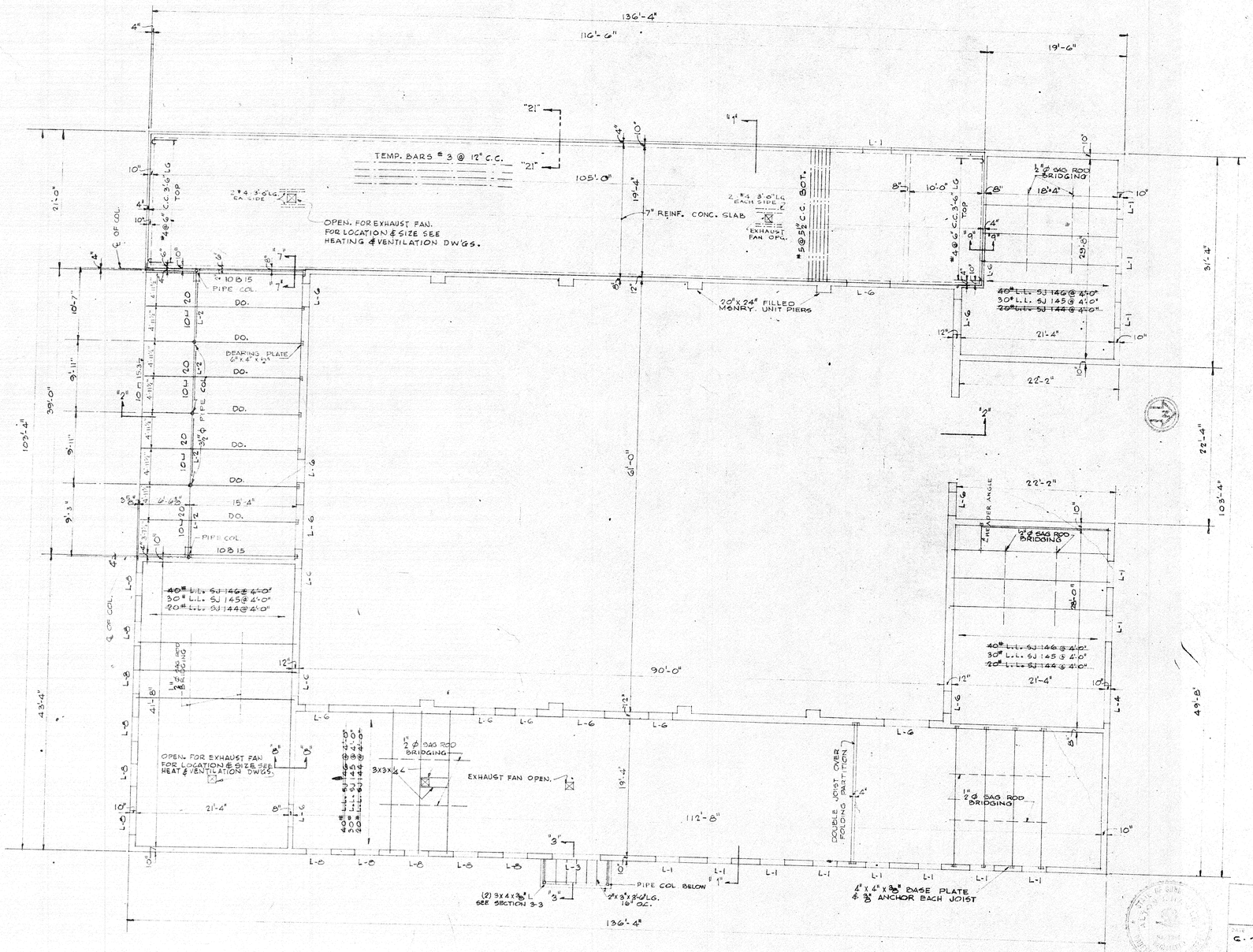
FOUNDATION DETAILS

APPROVED FOR THE CHIEF, NGB
R. P. Sedille
COLONEL, NGB
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE: AS NOTED
SPECIFICATIONS
SHEET 16 OF 23

REISNER & URBAHN
ARCHITECTS-ENGINEERS NEW YORK, N.Y.

17



LOW ROOF FRAMING PLAN

(BASE BID)

DESIGN CRITERIA

ROOF LIVE LOADS

~~20~~, 30, ~~40~~ PSF

ROOF DEAD LOAD

5 PLY ROOFING	6.0 PSF
2" CONC. PLANK	13.0 "
CEILING	10.0 "
INSULATION	1.0 "
	30.0 PSF

WORKING STRESSES

STEEL GIRDERS 20,000 PSI

NOTE:

FOR SECTIONS 1, 2, & 3 SEE ARCH.

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R.G. ...

DATE 6-21-54

PUTNAM, CONN.

CP-Q-166
CONTRACT NO 1737

FLETCHER-THOMPSON, INC.

NATIONAL GUARD
APPROVAL
PUBLIC WORKS DEPT.
APPROVAL

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

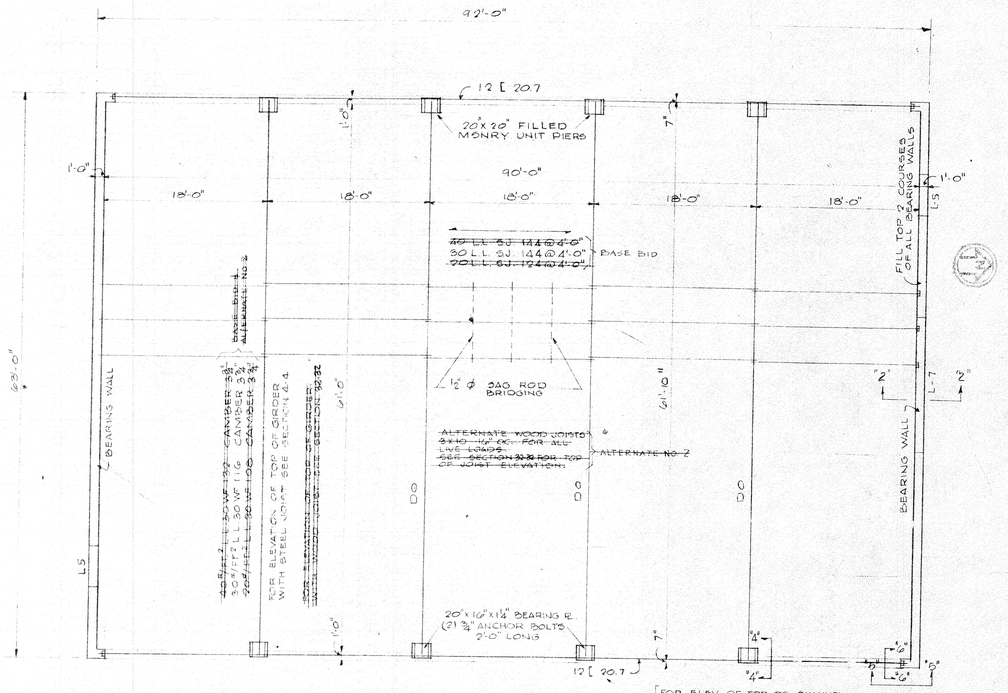
ONE UNIT ARMORY

LOW ROOF FRAMING PLAN

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, NGB
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

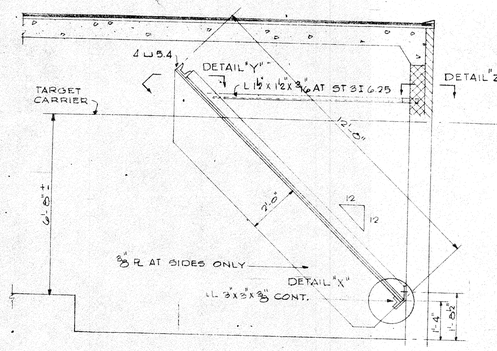
SCALE: 1/8"=1'-0"
SPECIFICATIONS
SHEET 17 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK



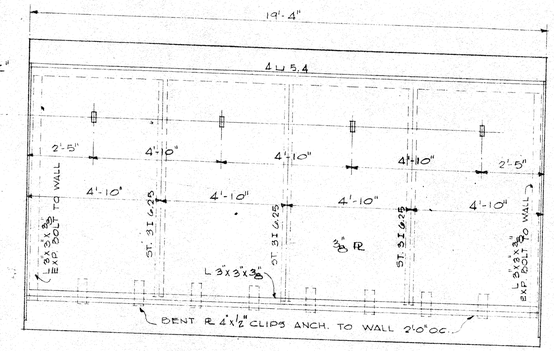
HIGH ROOF FRAMING PLAN

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



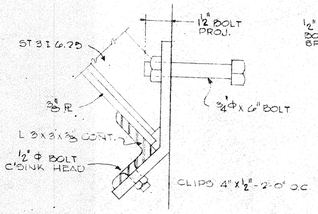
SECTION

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



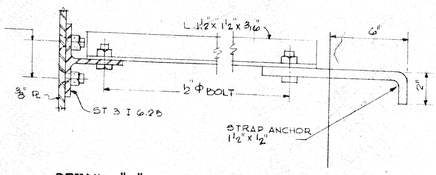
ELEVATION

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



DETAIL - "X"

SCALE: 3"=1'-0"

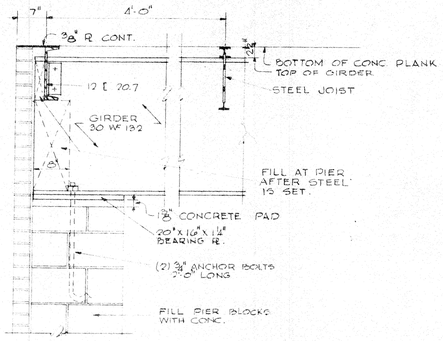


DETAIL - "Y"

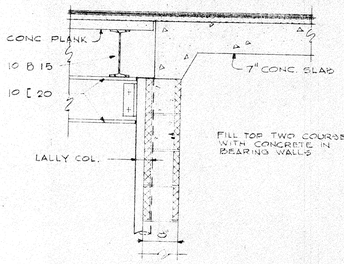
DETAIL - "Z"

SCALE: 3" = 1'-0"

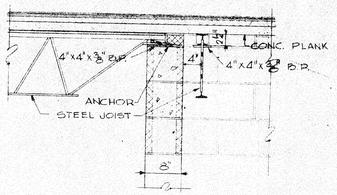
DETAILS OF BULLET STOP



SECTION 4 - 4



SECTION 7 - 7



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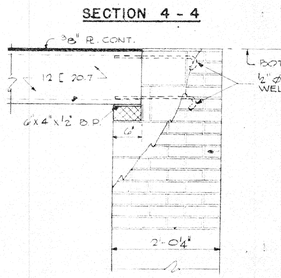
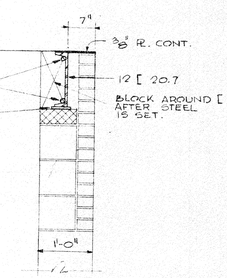
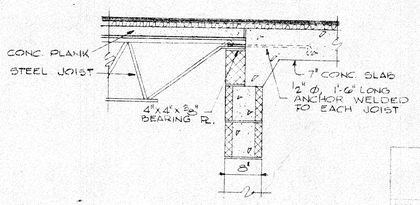


SECTION 5 - 5



SECTION 6 - 6



SECTION 9 - 9

TYPICAL DETAILS

SCALE: 3/4"=1'-0"

GENERAL NOTES

1. ALL BOND BEAMS TO BE CONTINUOUS UNLESS OTHERWISE SHOWN AND TO HAVE (2) ¾ CONTINUOUS BARS IN BOTTOM. ADDITIONAL BARS OVER OPENINGS AS CALLED FOR IN LINTEL SCHEDULE.
2. ALL MASONRY UNITS RECIEVING ANCHOR BOLTS OR STRAPS ARE TO BE FILLED WITH CONCRETE.
3. IN ALL BEARING WALLS THE TWO COURSES BELOW BOTTOM OF JOIST BEARING ARE TO BE FILLED WITH CONCRETE.
4. ALL BLOCK BETWEEN JOISTS ARE TO BE FILLED SOLID.
5. PROVIDE GOVERNMENT ANCHORS FOR ALL BEAMS AND JOISTS BEARING ON MASONRY UNLESS OTHERWISE SHOWN.
6. ALL LINTELS SHALL HAVE 6" MINIMUM BEARING EACH SIDE UNLESS OTHERWISE SHOWN.
7. CONCRETE SHALL DEVELOPE A STRENGTH OF 2500 P.S.I. AT 28 DAYS. REINFORCEMENT SHALL BE INTERMEDIATE GRADE DEFORMED BARS.
8. PROVIDE ¾" COVER FOR REINFORCEMENT IN SLABS.
9. BRIDGING SHALL BE ½" SAG ROD BRIDGING AT THIRD POINTS OF ALL SPANS.
10. PROVIDE A TYPICAL JOIST 4" CLEAR OF ALL END WALLS AND BEARING WALLS PARALLEL TO JOIST, WITH SIDE WALL ANCHORS AT EVERY THIRD POINT.
11. ALL STEEL JOISTS TO HAVE 4"x4"x⅜" BP & 4" MINIMUM BEARING AT BEARING WALLS - UNLESS OTHERWISE NOTED.

LINTEL SCHEDULE

MARK	WALL THICK.	WALL TYPE	LINTEL	REMARKS
L-1	10"	CONC BLK & BRICK	L 3½"x3½"x¼" L 3½"x3"x¼"	⊥L
L-2	6"	CONC. BLK.	L 3x3½"x5/16 8'-0" LONG.	L
L-3	10"	CONC BLK & BRICK	(2) Ls 3½"x3½"x¼" 7"x4"x⅜" 8'-0" LONG	⊥L
L-4	10"	CONC BLK & BRICK	L 3½"x3½"x¼" L 4"x3"x¼" 6'-6" LONG	⊥
L-5	12"	CONC. BLK & BRICK	CONT. BOND BEAM 2 #4 TOP L 5"x3½"x¼" 5'-6" LG	
L-6	8" & 12"	CONC BLK	CONT. BOND BEAM 2 # 4 TOP	
L-7	12"	CONC BLK & BRICK	(2) ⊏ [11.5 PL 11½" x5/16" x 13'-0" LONG	[ ]
L-8	10"	BRICK & G.S.F.U.	L 3½"x3½"x¼" L 3½"x3"x¼" 4'-5" LONG	⊥

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. C. MASON
COMMISSIONER

6-21-54
PUTNAM,
CP-Q-166
CONTRACT NO 1797

FLETCHER-TERRY CO. ATLANTIC
GENERAL CONTRACTORS
BRIDGEPORT, CONNECTICUT

DATE
APPROVED
PUBLIC WORKS DEPT.

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY

HIGH ROOF FRAMING PLAN & DETAILS

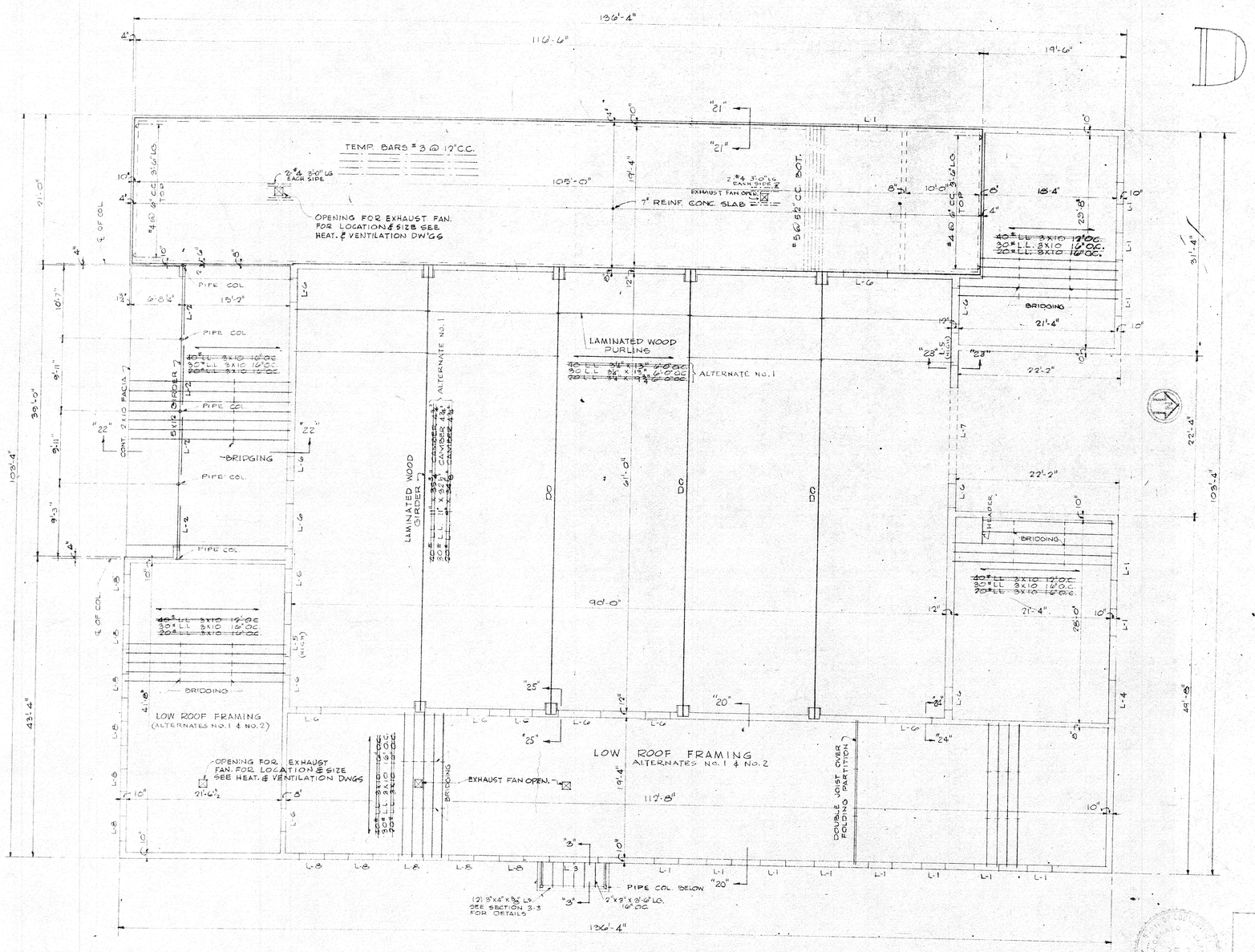
APPROVED FOR THE CHIEF, NGB
R. R. Sedille
COLONEL, N G B
CHIEF, F&C BRANCH, ARMY DIV,
DATE 24 APRIL 1952

SCALE: AS NOTED
SPECIFICATIONS
SHEET 18 OF 23

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.

19

THIS SHEET DELETED



ROOF FRAMING (WOOD ALTERNATE)

DESIGN CRITERIA
(FOR ALTERNATE WOOD FRAMING)

ROOF LIVE LOADS:
~~20~~, 30, ~~40~~ PSF.

ROOF DEAD LOADS:

HIGH ROOF	5 PLY ROOFING	6.0	PSF
	2 PLANKING	5.5	"
	INSULATION	1.0	"
	CEILING	8.0	"
		20.0	PSF
LOW ROOF	5 PLY ROOFING	6.0	PSF
	SHEATHING	3.0	"
	INSULATION	1.0	"
	CEILING	8.0	"
	JOIST	6.0	"
		24.0	PSF

WORKING STRESSES

LAMINATED GIRDERS & PURLINS: 2,475 PSI BENDING, 1,800,000 MODULUS

WOOD JOIST: 1,100 PSI BENDING, 1,600,000 MODULUS

15% INCREASE IN STRESSES FOR DESIGN OF ROOF MEMBERS.

FOR GENERAL NOTES AND LINTEL SCHEDULE SEE SHEET NO.

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
U.S. ARMY
NATIONAL GUARD
6-21-52
PUTNAM, CONN.
CR-G-166
CONTRACT NO. 1757
FLETCHER-THOMPSON, INC.

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

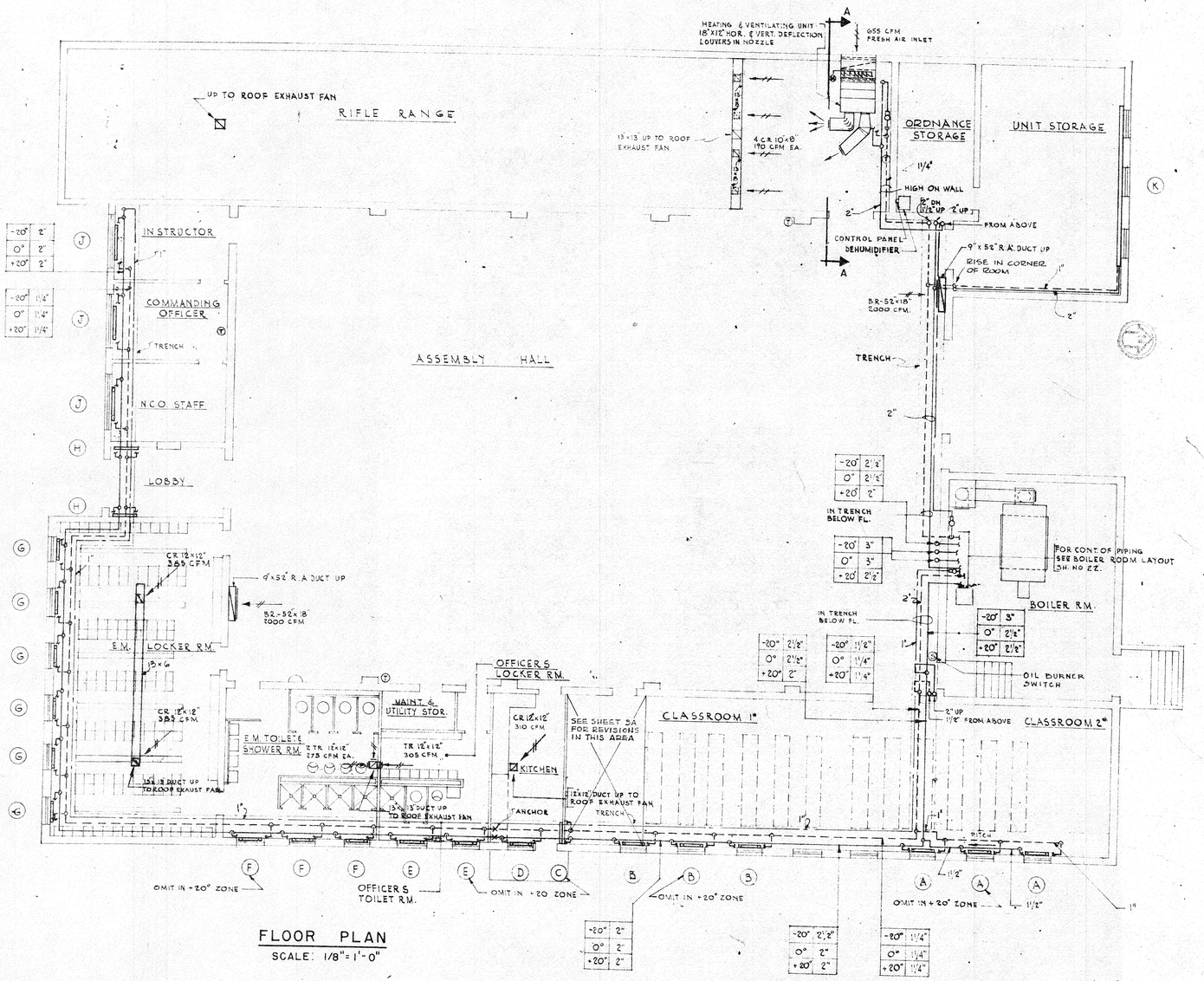
ONE UNIT ARMORY

ROOF FRAMING
(WOOD ALTERNATE)

APPROVED FOR THE CHIEF, NGB
R. R. Sedille
COLONEL, NGB
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

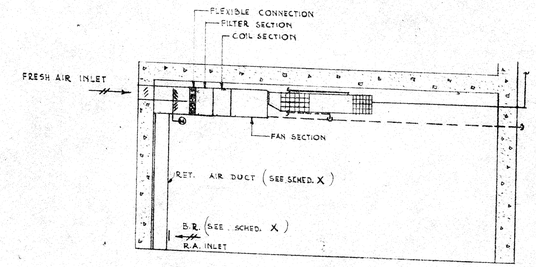
SCALE: 1/8" = 1'-0"
SPECIFICATIONS
SHEET 19 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.



FLOOR PLAN

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



SECTION A-A

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

SCHEDULE X

ZONE	R.A. CFM	DUCT SIZE	B.R. SIZE
-20°	1345	9 x 36	18 x 36
0°	845	9 x 25	18 x 24
+20°	445	8 x 14	18 x 12

NOTE
DESIGN BASED ON 0° OUTSIDE TEMPERATURE

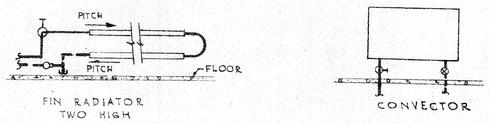
RADIATION SCHEDULE

	CONVECTORS									FIN. TYPE RADIATORS		
	20°			0°			+20°			-20°	0°	+20°
	DEPTH IN	HEIGHT IN		DEPTH IN	HEIGHT IN		DEPTH IN	HEIGHT IN				
A	6	32	75	6	32	57	6	32	61	73	57	61
B	6	32	57	6	24	45	6	32	48	57	45	48
C	4	32	30	4	32	27	—	—	—	30	27	—
SEMI-RECESSED D	6	32	43	4	32	30	6	32	43	43	30	40
RECESSED E	6	24	35	4	24	27	6	32	30.5	35.5	27.5	39
RECESSED F	6	24	35	4	32	28	6	24	30.5	35.5	27.5	29.5
G	6	32	47	6	24	36	4	32	26	46.5	36	26
H	4	32	30	4	24	22.5	4	24	16	29	23	16
J	6	32	61	6	24	47.5	4	24	36	60	47	34
K	—	—	—	—	—	—	—	—	—	252	197	141
L	—	—	—	—	—	—	—	—	—	82	82	78

SCHEDULE OF RISER & RADIATOR CONNECTIONS

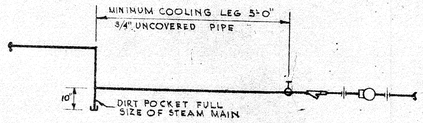
SQ. FT. OF RADIATION	SUPPLY: RISERS	SUPPLY: RADIATOR RUNOUTS	SUPPLY: VALVE	SUPPLY: TRAP	RETURN: RADIATOR RUNOUTS	RETURN: RISERS
0 - 25	1"	1"	1/2"	1/2"	3/4"	1"
26 - 50	1 1/4"	1 1/4"	1/2"	1/2"	3/4"	1"
51 - 90	1 1/2"	1 1/2"	3/4"	1/2"	3/4"	1"
91 - 120	2"	2"	1"	1/2"	3/4"	1"
121 - 200	2"	2"	1 1/4	3/4"	1"	1"
201 - 400	2 1/2"	2	1 1/4	3/4	1	1"

NOTE
1 - FOR (K) (L) USE 2" FIN TYPE RADIATORS WITH 2" RUNOUT & 3/4" TRAP



DETAILS OF TYPICAL CONNECTIONS

NO SCALE



TYPICAL DRIP CONNECTION

NO SCALE

PUBLIC WORKS DEPARTMENT
R.C.M.A.F.
6-21-54
PUTNAM,
CP-G-166
CONTRACT No 1737
FLETCHER-THOMPSON, INC.

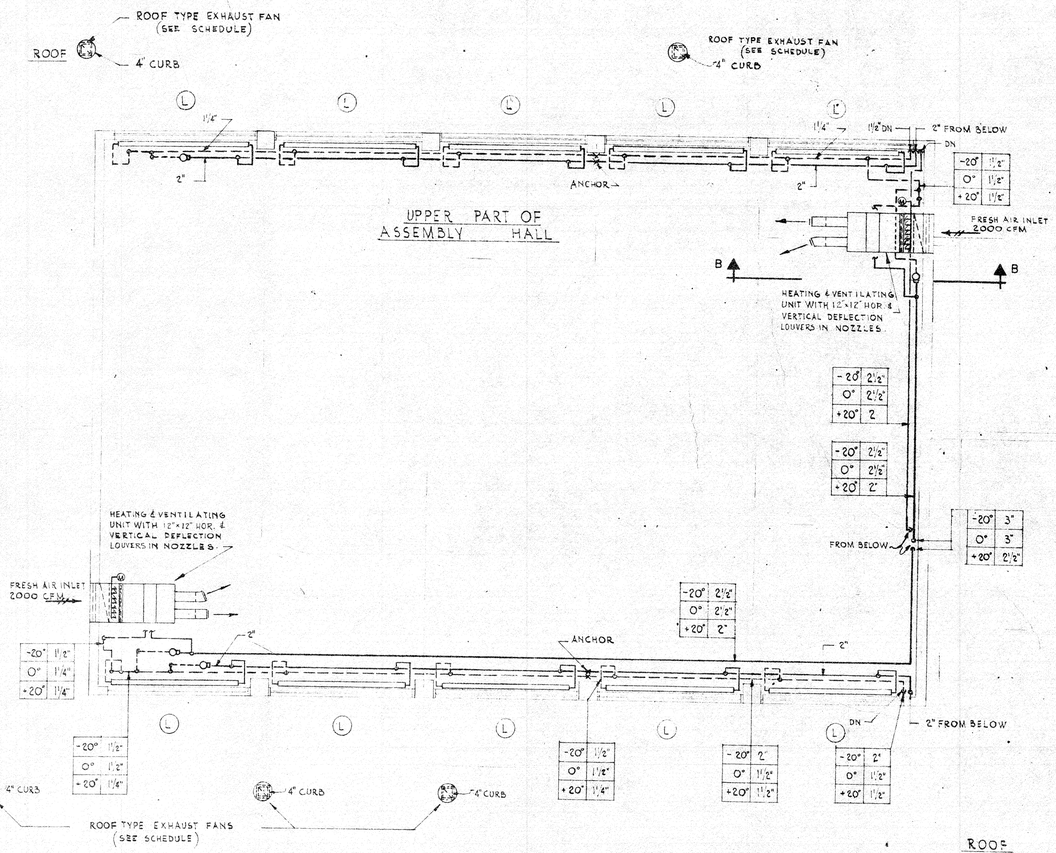
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY
HEATING & VENTILATING
FLOOR PLAN

APPROVED FOR THE CHIEF, N.G.B.
R. G. Sedillo
COLONEL, N.G.B.
CHIEF, F.B.C. BRANCH, ARMY DIV.
DATE 24 APRIL 1952

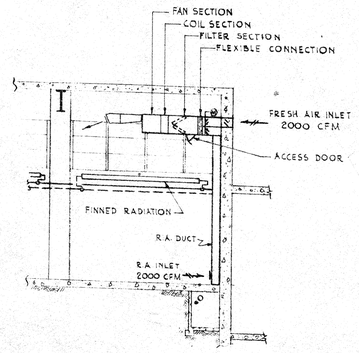
SCALE: AS NOTED
SPECIFICATIONS
SHEET 20 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.



ROOF PLAN

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



SECTION B-B

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

NOTE
DESIGN BASED ON 0° OUTSIDE TEMPERATURE

HEATING & VENTILATING UNIT SCHEDULE

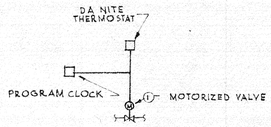
ZONE	ASSEMBLY HALL			RIFLE RANGE		
	- 20°	0°	+ 20	- 20°	0°	+ 20
C.F.M. OF STANDARD AIR DELIVERED	2000	2000	2000	2000	1500	1100
MAXIMUM OUTLET VELOCITY	1430	1430	1430	1100	1100	1100
TOTAL STATIC PRESSURE IN WATER	3/4"	3/4"	3/4"	3/4"	3/4"	1/2"
COIL CAP. REQD. IN B.T.U.H. AT 2# STEAM & CORRESPONDING ENTERING AIR	1225	860	640	795	620	430
TEMP OF AIR TO COILS	- 20°	0°	+ 20°	42	38	41
FINAL TEMP	116	96	80	130	130	130
MOTOR HP	3/4"	3/4"	3/4"	3/4"	1/2"	1/3"
TRAP	1¼"	1"	1"	1"	1"	3/4"
SIZE OF STEAM VALVE	2½"	2"	2"	2"	2"	1½"
CAP.#/HR AT 2# STEAM & 1# PRES.	330	215	170	220	155	115

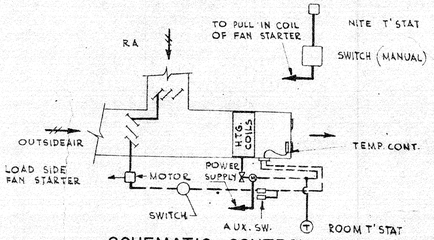
NOTE
1- COILS TO BE NON FREEZE TYPE

EXHAUST FAN SCHEDULE

LOCATION	S.P.	C.F.M.	FAN R.P.M.	WHEEL DIA.	MOTOR H.P.	MOTOR R.P.M.
EM. TOILET & OFF. TOILET	1/8"	855	1140	13 1/8"	1/8"	1140
KITCHEN	1/8"	310	1140	11 1/8"	1/20"	1140
E.M. LOCKER RM.	3/8"	770	1140	11 1/8"	1/8"	1140
RIFLE RANGE	3/8"	750	1140	13 1/8"	1/8"	1140

NOTES.
FANS TO BE PROVIDED WITH AUTOMATIC DAMPERS ON INTAKE - TO CLOSE WHEN FAN MOTOR STOPS.





SCHEMATIC CONTROL LAYOUT

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MACY, COMMISSIONER
DATE 6-21-54
NATIONAL GUARD ARMORY
PUTNAM, CONN.
CP-Q-166
CONTRACT NO. 1737
PLANS PREPARED BY THE CONSULTING FIRM OF
FLETCHER-THOMPSON, INC.
ARCHITECTS - ENGINEERS
BRIDGEPORT, CONNECTICUT
NATIONAL GUARD
APPROVAL
DATE
PUBLIC WORKS DEPT.
APPROVAL
DATE

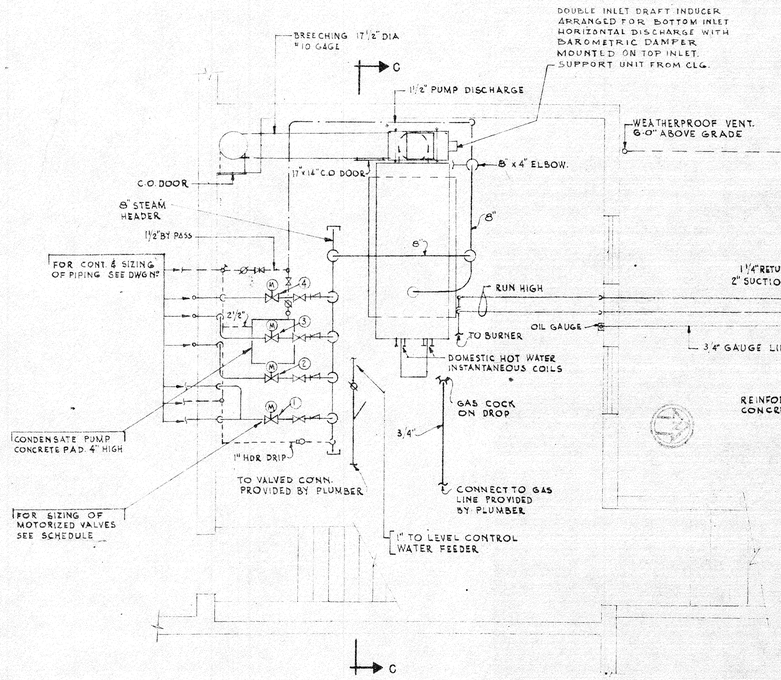
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY
HEATING & VENTILATING ROOF & UPPER PART OF ASSEMBLY PLANS

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, N.G.B.
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

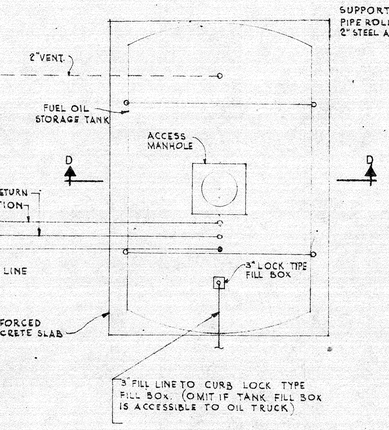
SCALE: AS NOTED
SPECIFICATIONS
SHEET 21 OF 28

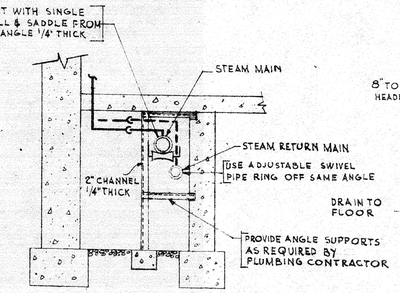
REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.



BOILER ROOM PLAN

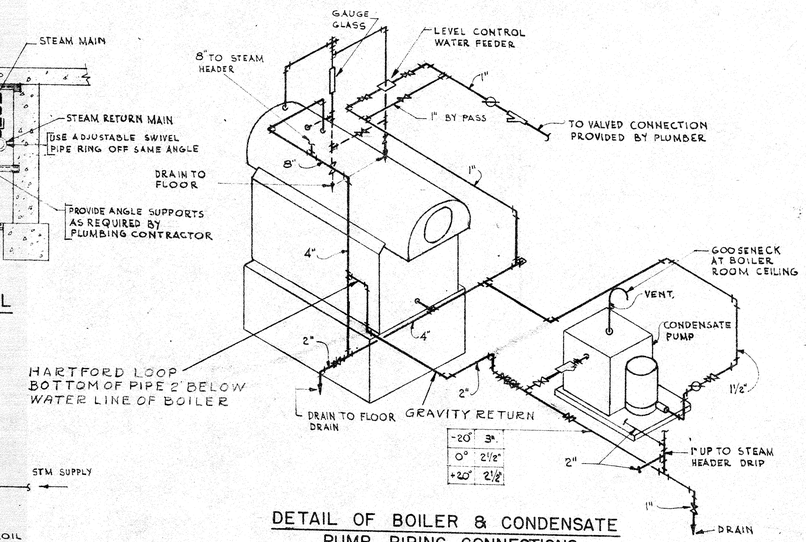
SCALE: 1/4" = 1'-0"





TRENCH DETAIL

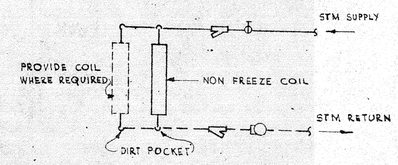
SCALE: 1/2" = 1'-0"



-20°	3"	
0°	2 1/2"	
+20°	2 1/2"	

DETAIL OF BOILER & CONDENSATE PUMP PIPING CONNECTIONS

NO SCALE

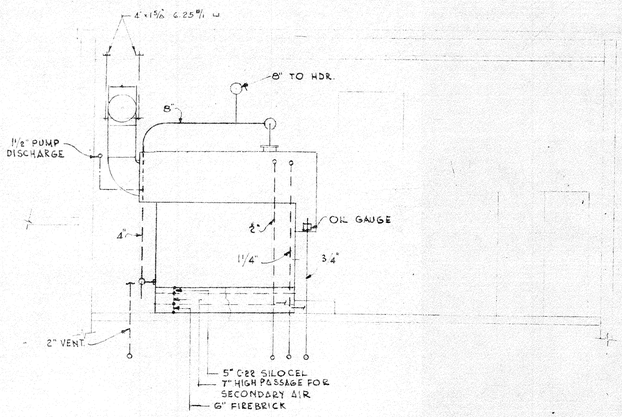


TYPICAL COIL CONNECTION FOR HEATING & VENTILATING UNIT

NO SCALE

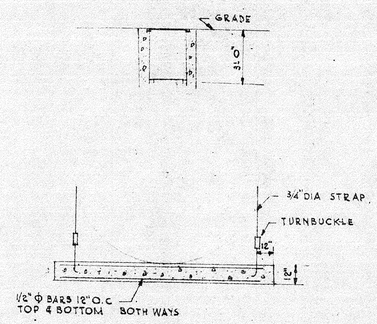
CONDENSATE PUMP SCHEDULE

ZONE	E.D.R.	CAP. G.P.M.	GAL. STORED BET. START & STOP.	CAP. GAL. TANK	DISCHARGE PRESSURE (P.S.I.)	MOTOR HP	MOTOR R.P.M.
-20°	15,000	22.5	11.3	31	20	1	1750
0°	10,000	15	7.5	31	20	3/4	1750
+20	8,000	12	6.5	20	20	3/4	1750



SECTION C-C

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



SECTION D-D

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

NOTE
DESIGN BASED ON 0° OUTSIDE TEMPERATURE
BOILER SHALL BE OIL FIRED

BOILER ROOM EQUIPMENT SCHEDULE

ZONE	BOILER OIL	CAPACITY E.D.R. GAS INPUT	GAS OUTPUT	SMOKE CONN. DIA.	CHIMNEY SIZE DIA.	HT ABOVE B.R.FL.	OIL TANK CAP.	INDUCED DRAFT FAN DIA	HP	MOTORIZED VALVE (1)	(2)	(3)	(4)	OIL BURNER MAX GAL/HR	HP
-20°	10330	12920	10330	17 1/2"	18"	29'	10.000	18	3/4	3"	3"	3"	2"	30	3/4
0°	8500	10620	8500	17 1/2"	18"	29'	8.000	18	3/4	3"	3"	3"	2"	30	3/4
+20°	6080	7600	6080	17 1/2"	18"	29'	6.000	18	1/3	3"	2 1/2	2 1/2	2"	30	3/4

NOTES

1. FOR GAS FIRED BOILER PROVIDE ALL NECCESSARY GAS PIPING & EQUIPMENT REQUIRED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATION AND AS PER STANDARDS OF AMERICAN GAS ASSOCIATION. A VALVED OUTLET WILL BE PROVIDED BY PLUMBING CONTRACTOR.
2. FOR GAS FIRED BOILER OMIT ALL OIL BURNING EQUIPMENT & ACCESSORIES.

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MACK COMMISSIONER

DATE 6-21-54 | NATIONAL GUARD ARMORY | PROJECT CP-Q-166
PUTNAM, CONN. | CONTRACT NO. 1737
PLANS PREPARED BY AND CONSULTING BY
FLETCHER-THOMPSON, INC.
ARCHITECTS ENGINEERS
BRIDGEPORT CONNECTICUT

NATIONAL GUARD
APPROVAL DATE
PUBLIC WORKS DEPT.
APPROVAL DATE

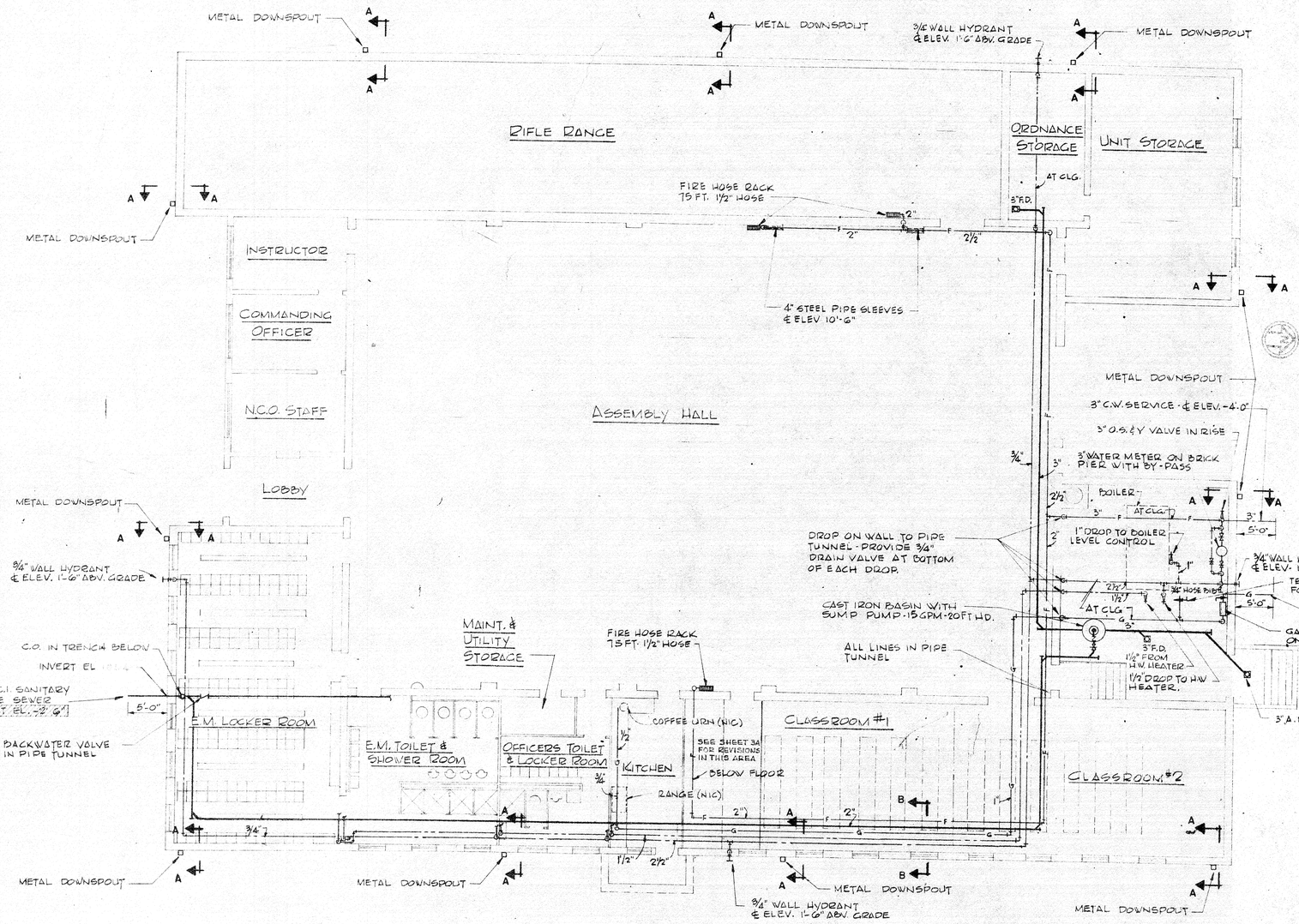
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY
HEATING & VENTILATING
BOILER ROOM LAYOUT & DETAILS

APPROVED FOR THE CHIEF, NGB
R.R. Sedillo
COLONEL, N.G.B.
CHIEF, F.B.C. BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE: AS NOTED.
SPECIFICATIONS
SHEET 22 OF 23

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.



FLOOR PLAN

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

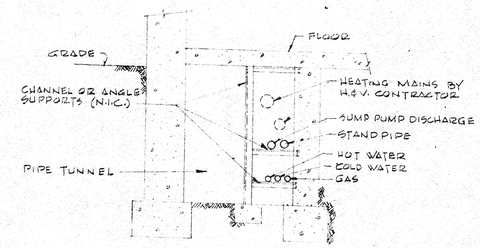
GENERAL NOTES:

1. WHEN OIL BURNER IS USED, GAS METER & REGULATOR SHALL BE 3/4" SIZE FOR GAS IGNITION SYSTEM.
2. WATER METER & BY-PASS TO BE INSTALLED ONLY WHEN REQUIRED BY UTILITY CO.
3. SUMP PUMP SHALL BE A DUPLEX UNIT WHEN FOOTING DRAINS ARE DRAINED TO SUMP.
4. SUMP BASIN SHALL BE 5'-0" DEEP EXCEPT WHEN FOOTING DRAINS ARE RUN IN. WHERE FOOTING DRAINS ARE INSTALLED, DEPTH OF SUMP SHALL BE 2 FT BELOW LOWEST INLET.
5. VENT STACKS SHALL EXTEND 24" ABOVE ROOF
6. INSTALL A GAS COCK AT EACH GAS CONNECTION.
7. PLUMBING CONTRACTOR SHALL TERMINATE WITHIN 3'-0" OF BOILER WATER LEVEL CONTROLLER BUT SHALL MAKE ALL CONNECTIONS TO HOT WATER HEATER.
8. ALL RELIEF VALVES SHALL BE FURNISHED WITH 1/2" DRAIN PIPED TO WITHIN 6" OF FLOOR DRAIN.

NOTES-
BOILER SHALL BE OIL FIRED
SEE SPECIFICATIONS FOR DELETION OF INTERIOR FIRE PROTECTION LINES & HOSE RACKS.

GAS FITTING SCHEDULE

HEATING ZONE					
-20°		0°		+20°	
CAPACITY OF METER & REGULATOR IN CUBIC FEET PER HOUR					
NATURAL	MFG.	NATURAL	MFG.	NATURAL	MFG.
3100	5800	2550	4800	1820	3430
PIPE SIZE TO BOILER					
4"	5"	3"	4"	3"	4"



SECTION B-B

SCALE 1/2" = 1'-0"

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. C. MACY
DATE 6-21-54
NATIONAL GUARD ARMORY
PUTNAM, CONN.
CP-G-166
CONTRACT NO 1737
FLETCHER-THOMPSON, INC.
BRIDGEPORT, CONNECTICUT

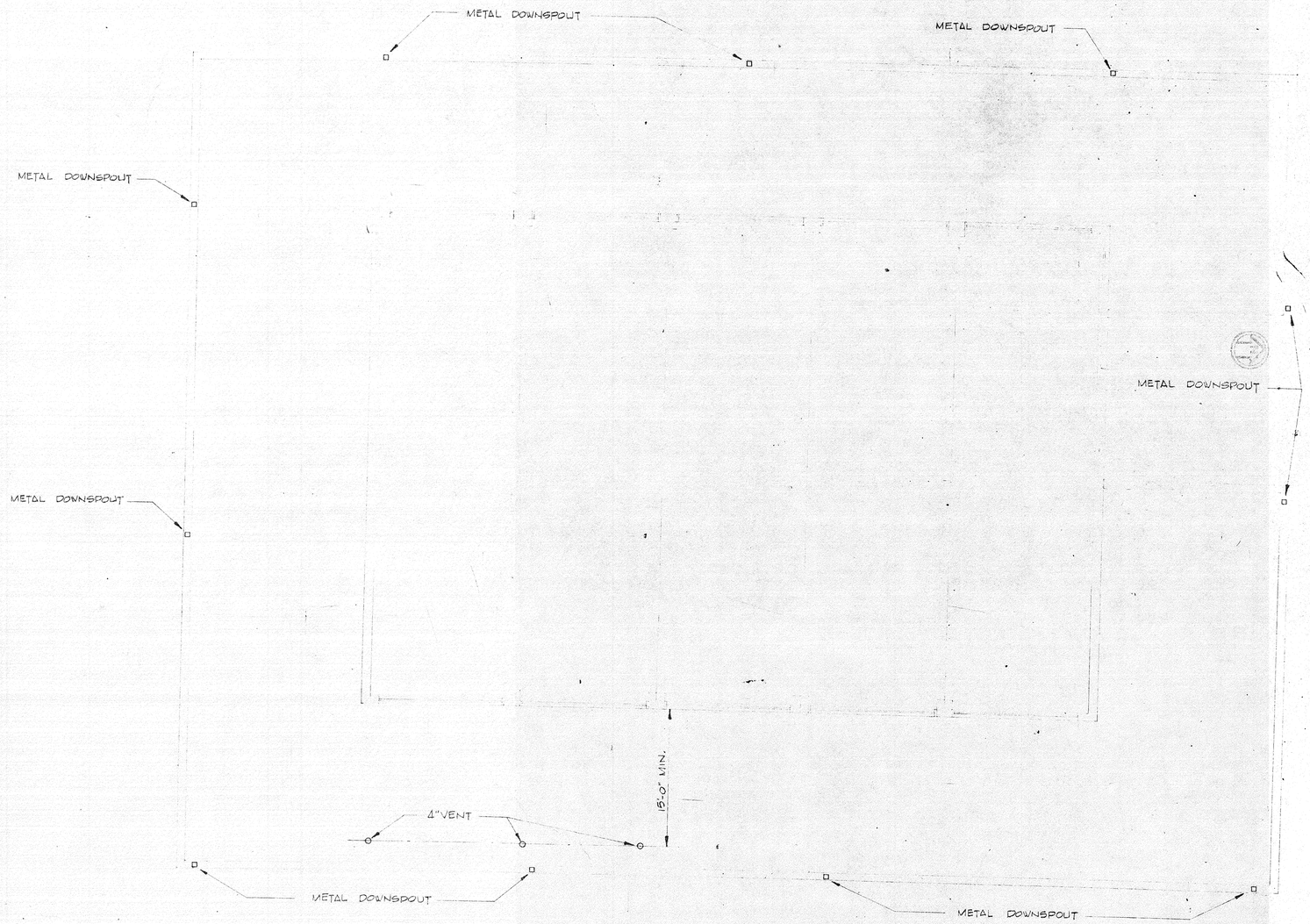
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY
PLUMBING
FLOOR PLAN

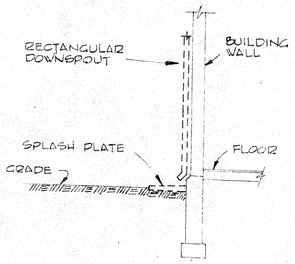
APPROVED FOR THE CHIEF, NGB
R. R. Sedills
COLONEL, N.G.B.
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE: 1/8" = 1'-0"
SPECIFICATIONS
SHEET 23 OF 28

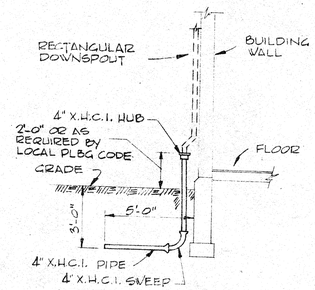
REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.



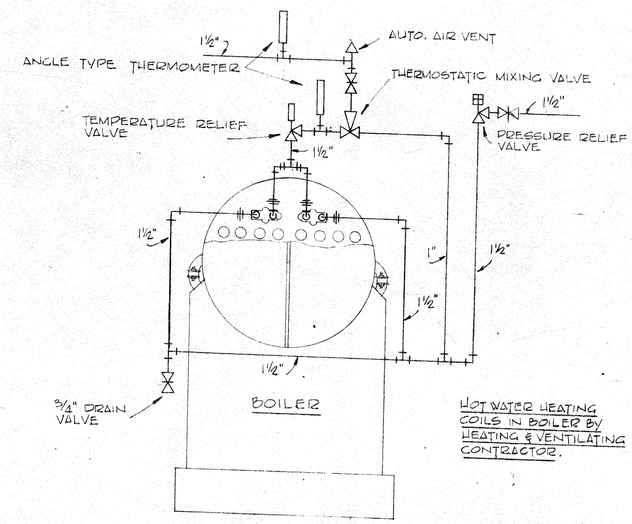
ROOF PLAN
SCALE: 1/8"=1'-0"



SECTION A-A
SCHEME 1
SCALE: 1/4"=1'-0"
SHOWING DOWNSPOUT TERMINATING ON SPLASH PLATE.



SECTION A-A
SCHEME 2
SCALE: 1/4"=1'-0"
SHOWING DOWNSPOUT TERMINATING IN X.H.C.I. HUB.



HOT WATER HEATING COILS IN BOILER BY HEATING & VENTILATING CONTRACTOR.

DETAIL OF CONNECTION TO HOT WATER HEATER
NO SCALE

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MACY
COMMISSIONER
DATE 6-21-54
NATIONAL GUARD ARMORY
PUTNAM, CONN.
CP-Q-166
CONTRACT NO 1737
FLETCHER-THOMPSON, INC.
ARCHITECTS ENGINEERS
ARCHITECT CONNECTICUT

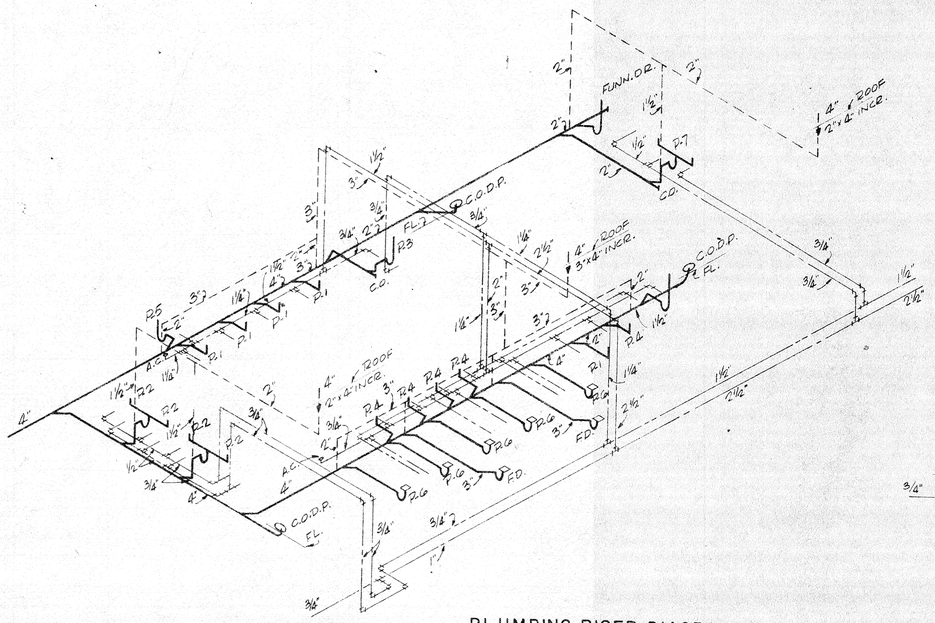
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY
PLUMBING
ROOF PLAN

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, N.G.B.
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

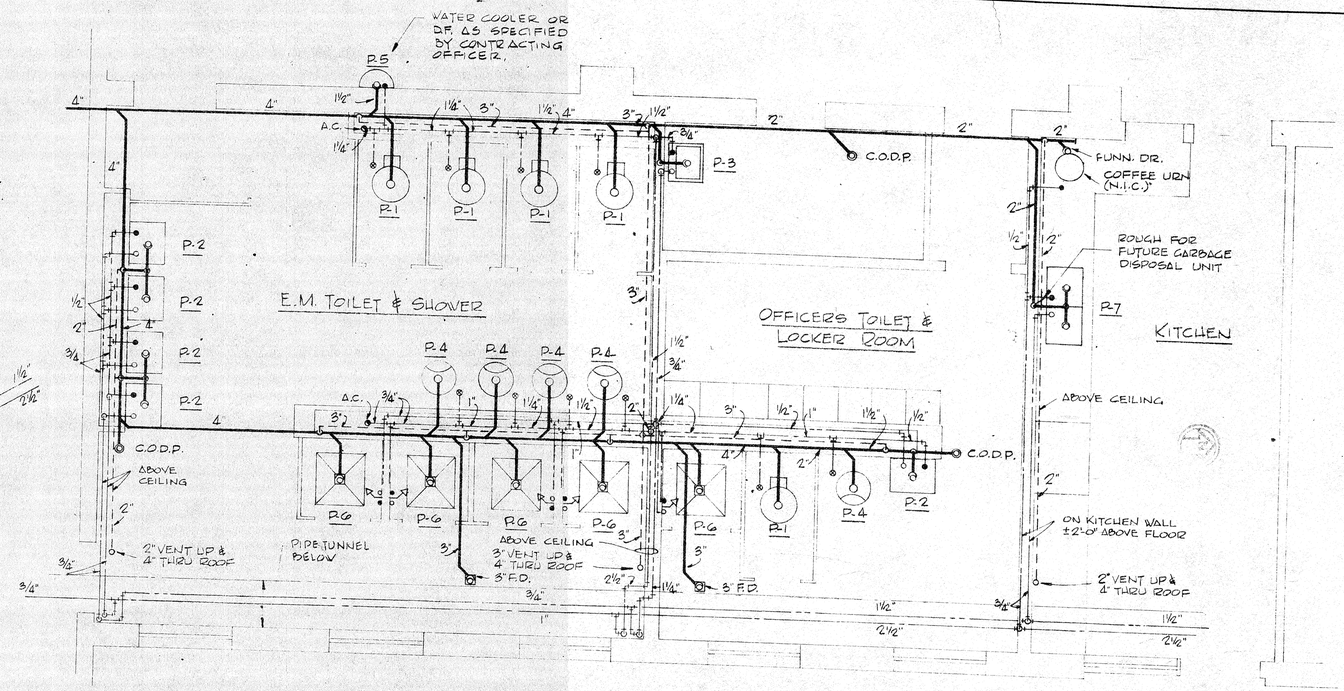
SCALE: AS NOTED
SPECIFICATIONS
SHEET 24 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.



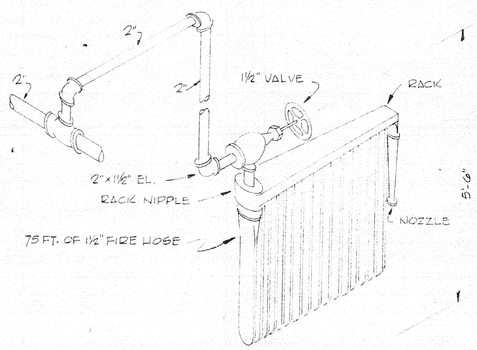
PLUMBING RISER DIAGRAM

NO SCALE



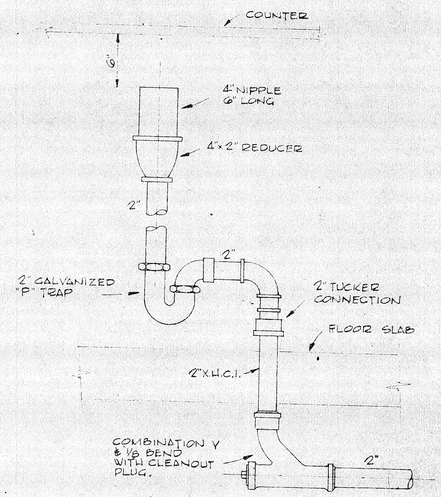
TOILET DETAIL

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



DETAIL OF FIRE HOSE RACK

NO SCALE



DETAIL OF FUNNEL DRAIN

SCALE: 1½"=1'-0"

TABLE OF MINIMUM PIPE SIZES

ITEM NO.	P-1	P-2	P-3	P-4	P-5	P-6	P-7
WASTE	4	1½	3	3	1½	2	2
VENT	1½	1½	1½	1½	1½	1½	1½
COLD WATER	1¼	½	¾	1	½	½	½
HOT WATER	–	½	¾	–	–	½	½

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. O. MACY COMMISSIONER

DATE 6-21-54 NATIONAL GUARD ARMORY FOR PUTNAM, CONN. PROJECT NO CP-C-166 CONTRACT NO 1737

PLANS ADAPTED TO SITE CONDITIONS BY
FLETCHER-THOMPSON, INC.
ARCHITECTS - ENGINEERS
BRIDGEPORT CONNECTICUT

NATIONAL GUARD APPROVAL DATE
PUBLIC WORKS DEPT. APPROVAL DATE

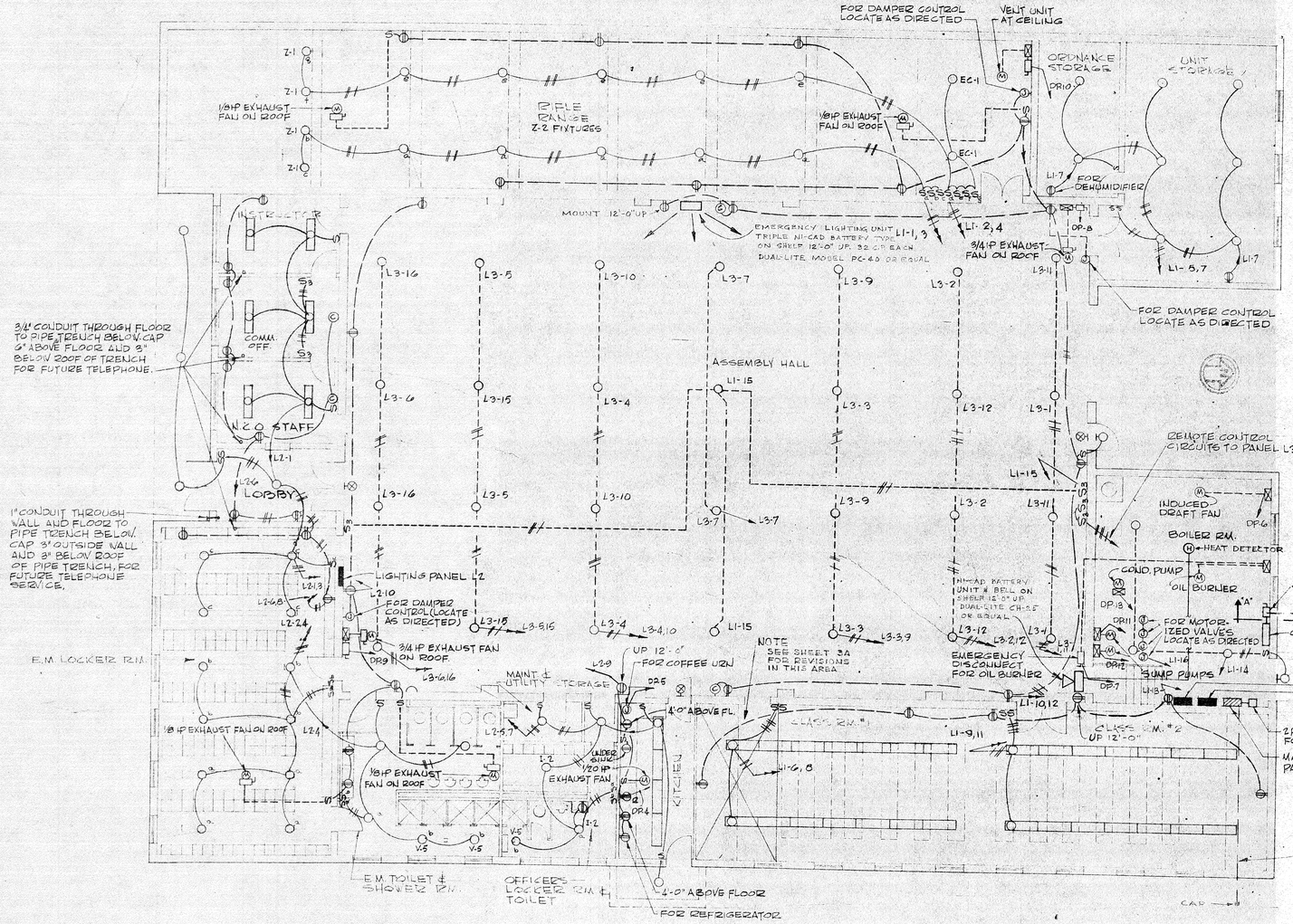
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY
PLUMBING DETAILS

APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, NGB
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

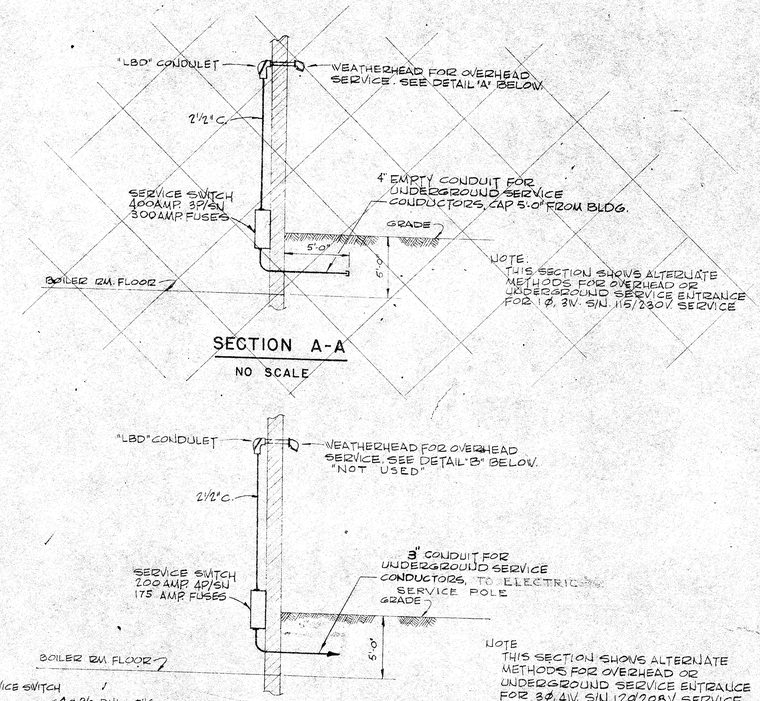
SCALE: AS NOTED
SPECIFICATIONS
SHEET 25 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS NEW YORK, N.Y.



FLOOR PLAN

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

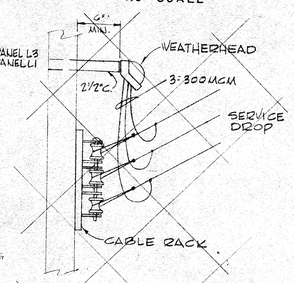


SECTION A-A

NO SCALE

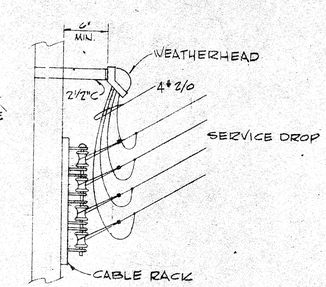
SECTION A-A

NO SCALE



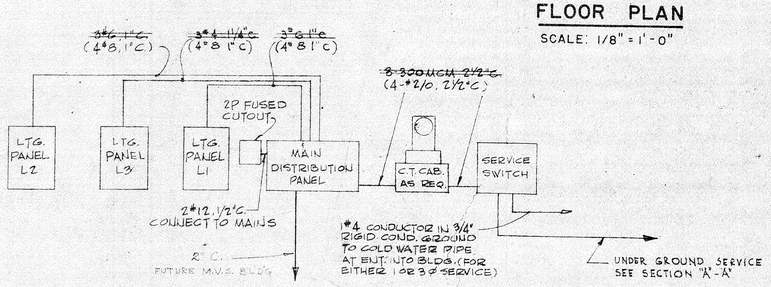
DETAIL "A"

NO SCALE



DETAIL "B" "NOT USED

NO SCALE



RISER DIAGRAM

NO SCALE

NOTE:
CONDUCTOR & CONDUIT SIZES ENCLOSED WITHIN PARENTHESES ARE FOR 3 PHASE SERVICE.
CONDUCTOR & CONDUIT SIZES NOT ENCLOSED WITHIN PARENTHESES ARE FOR 1 PHASE SERVICE.
FOR OTHER NOTES SEE SHEET 27

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R.G.A.C.
DATE 6-21-54
NATIONAL GUARD ARMORY
PUTNAM, CONN.
CP-G-166
CONTRACT NO 1737
FLETCHER THOMPSON, INC.
ARCHITECTS ENGINEERS
BRIDGEPORT CONNECTICUT

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY
ELECTRICAL FLOOR PLAN

APPROVED FOR THE CHIEF, NGB
R.R. Sedillo
COLONEL, N.G.B.
CHIEF, F&C BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE: AS NOTED
SPECIFICATIONS
SHEET 26 OF 28

REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.

LIGHTING FIXTURE SCHEDULE

ROOM DESIGNATION	FIXTURE TYPE	SHEET NO.	NO. OF FIXT.	WATTS. PER FIXT.	MOUNTING & HEIGHT ABOVE FINISHED FLOOR
ASSEMBLY HALL	HOLOPHANE #2686		28	500	STEM MOUNTED 18'-6"
INSTRUCTOR	F-15	46	2	3-40	STEM MOUNTED 7'-6"
COMMANDING OFFICER	F-15	46	2	3-40	STEM MOUNTED 7'-6"
N.C.O. STAFF	F-15	46	2	3-40	STEM MOUNTED 7'-6"
LOBBY	CL-1	18	1	2-75	CEILING MOUNTED
E.M. LOCKER ROOM	I-1	3	12	100	STEM MOUNTED 7'-6"
E.M. TOILET & SHOWER	I-2	3	3	150	CEILING MOUNTED
E.M. TOILET & SHOWER	V-5	8	2	100	CEILING MOUNTED
MAIN & UTILITY STOR.	LR	2	1	60	CEILING MOUNTED
OFF. LOCKER RM.	I-1	3	1	100	STEM MOUNTED 7'-6"
OFF. LOCKER RM.	I-2	3	1	150	STEM MOUNTED 7'-6"
OFF. TOILET RM.	V-5	8	1	100	CEILING MOUNTED
OFF. TOILET RM.	I-2	3	1	150	CEILING MOUNTED
OFF. TOILET RM.					
KITCHEN	F-10	43	4	2-40	STEM MOUNTED 7'-6"
CLASS RMS. NOS. 1 & 2	F-10	43	28	2-40	STEM MOUNTED 7'-6"
BOILER ROOM	I-3	3	3	200	STEM MOUNTED 9'-0"
UNIT STORAGE	I-2	3	6	150	STEM MOUNTED 7'-6"
ORDNANCE STOR.	I-1	3	2	100	STEM MOUNTED 7'-6"
RIFLE RANGE	Z-1	NONE	4	500	SEE NOTE 1
RIFLE RANGE	Z-2	NONE	10	100	SEE NOTE 2
RIFLE RANGE	EC-1	12	2	150	CEILING MOUNTED
OUTSIDE LIGHTS	VG-3	11	2	100	WALL MOUNTED
CANOPY (MAIN ENT.)	FL-18	16	3	100	RECESSED IN CANOPY SR. STEEL BACK BOX
CANOPY (OUTSIDE KITCH.)	Z-3	NONE	1	2-60	MOUNTED ON CANOPY SEE NOTE 3
EXIT LIGHTS	X-1	20	3	25	WALL MTD. ABOVE DOOR

NOTES FOR LIGHTING FIXTURE SCHEDULE:

NOTE 1:
GENERAL SERVICE FLOODLIGHT COMPLETE WITH HEAVY "ALCLAD ALZAK" POLISHED ALUMINUM REFLECTOR, MOGUL BASE PORCELAIN SOCKET, CONVEX PLAIN HEAT RESISTING GLASS LENS, GALVANIZED STEEL MOUNTING BOX. SIMILAR AND EQUAL TO WESTINGHOUSE TYPE A-14, NO. 889755.

NOTE 2:
PORCELAIN ENAMEL STEEL STANDARD ANGLE REFLECTOR FOR OUTLET BOX MOUNTING.

NOTE 3:
CAST BRASS VAPORTIGHT DRUM TYPE FIXTURE WITH GUARD. SIMILAR AND EQUAL TO RUSSELL & STOLL #1470 FG.

NOTE 4:
NUMBERS IN COLUMN ENTITLED SHEET NO. REFER TO CORPS OF ENGINEERS DWG NO. 40-06-04 SHEET NUMBERS

NOTE 5:
IF HUNG CEILING IS INSTALLED IN ASSEMBLY HALL, CONTRACTOR SHALL FURNISH & INSTALL PLASTER AND FINISHING RINGS.

DISTRIBUTION PANEL & FEEDER SCHEDULE

MAINS			BRANCHES							
SERVICE	FEEDER SIZE	COND. SIZE	CIRCUIT NO.	CIRCUIT BREAKER NO. OF POLES	FRAME	SETTING	WIRE SIZE	COND. SIZE	TYPE OF LOAD	LOAD KW OR HP
115/230V. 1Ø, 3W	3#300 MCM RH	2 1/2"	DP-1	2	50A	50A	3#6	1"	LIGHTING PANEL L1	11.4 KW
			DP-2	2	50A	50A	3#6	1"	LIGHTING PANEL L2	7.1 KW
			DP-3	2	100A	70A	3#4	1 1/4"	LIGHTING PANEL L3	13.0 KW
			DP-4	2	50A	50A	3#6	1"	ELECTRIC RANGE	11.0 KW
			DP-5	2	50A	50A	3#6	1"	COFFEE URN	5.0 KW
			DP-6	2	50A	15A	2#12	1/2"	INDUCED DRAFT FAN	3/4 HP - 20° & 60° ZONES / 3/4 HP - 20° ZONE
			DP-7	2	50A	15A	2#12	1/2"	OIL BURNER	3/4 HP
			DP-8	2	50A	15A	2#12	1/2"	ASSEMBLY HALL FAN	3/4 HP
			DP-9	2	50A	15A	2#12	1/2"	ASSEMBLY HALL FAN	3/4 HP
			DP-10	2	50A	15A	2#12	1/2"	RIFLE RANGE VENT UNIT	3/4 HP - 20° ZONE / 1/2 HP - 0° ZONE
			DP-11	2	50A	15A	2#12	1/2"	SUMP PUMP	3/4 HP
			DP-12	2	50A	15A	2#12	1/2"	SUMP PUMP	3/4 HP
			DP-13	2	50A	15A	2#12	1/2"	CONDENSATE PUMP	1 HP - 20° ZONE / 3/4 HP - 20° & 60° ZONES
			DP-14	2	50A	–	–	–	SPACE ONLY	—
120/208V. 3Ø, 4W.	4#2/0 RH	2 1/2"	DP-1	3	50A	40A	4#8	1"	LIGHTING PANEL L1	10.7 KW
			DP-2	3	50A	40A	4#8	1"	LIGHTING PANEL L2	6.1 KW
			DP-3	3	50A	40A	4#8	1"	LIGHTING PANEL L3	13.0 KW
			DP-4	2	50A	50A	3#6	1"	ELECTRIC RANGE	11.0 KW
			DP-5	2	50A	50A	3#6	1"	COFFEE URN	5.0 KW *
			DP-6	3	50A	15A	3#12	1/2"	INDUCED DRAFT FAN	3/4 HP 20° & 60° ZONE
			(DP-6)	(2)	50A	15A	2#12	(1/2")	(INDUCED DRAFT FAN)	(1/3 HP - 20° ZONE)
			DP-7	3	50A	15A	3#12	1/2"	OIL BURNER	3/4 HP
			DP-8	3	50A	20A	3#12	1/2"	ASSEMBLY HALL FAN	3/4 HP
			DP-9	3	50A	20A	3#12	1/2"	ASSEMBLY HALL FAN	3/4 HP
			DP-10	3	50A	20A	3#12	1/2"	RIFLE RANGE VENT UNIT	3/4 HP - 20° ZONE / 1/2 HP - 0° ZONE
			(DP-10)	(2)	50A	20A	2#12	1/2"	(RIFLE RANGE VENT UNIT)	(1/3 HP - 20° ZONE)
			DP-11	3	50A	15A	3#12	1/2"	SUMP PUMP	3/4 HP
			DP-12	3	50A	15A	3#12	1/2"	SUMP PUMP	3/4 HP
			DP-13	3	50A	15A	3#12	1/2"	CONDENSATE PUMP	3/4 HP
			DP-14	3	50A	–	–	–	SPACE ONLY	—
			DP-15	2	100A	70A	–	–	FUTURE M.V.S. BLD'G	15 KW

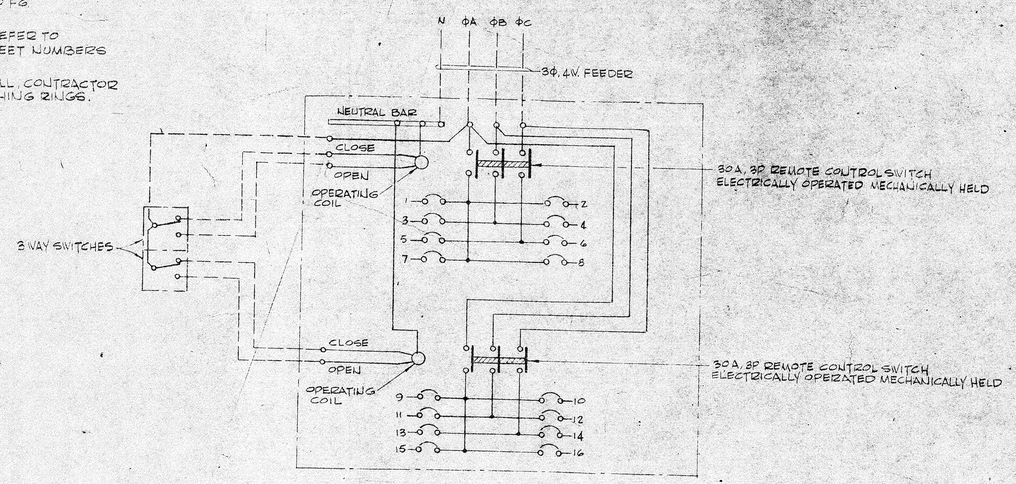
LIGHTING PANEL SCHEDULE

PANEL DESIGNATION	15A. SINGLE POLE CIRCUIT BREAKERS IN USE	SPARE	TOTAL	REMARKS
L1	16	4	20	
L2	10	4	14	
L3	13	3	16	TWO SECTION REMOTE CONTROL PANEL. SEE WIRING DIAGRAM BELOW.

CONNECTED LOAD

TYPE OF LOAD	KW
LIGHTING, RECEPTACLES AND SMALL MOTORS	31.6
ELECTRIC RANGE	11.0
COFFEE URN	5.0
MOTORS	6.8
FUTURE M.V.S. BUILDING	15.0
TOTAL	68.8

NOTES:
1. EXPOSED CONDUIT IN ASSEMBLY HALL SHALL BE RUN ABOVE GIRDERS
2. IN ASSEMBLY HALL AND RIFLE RANGE CONVENIENCE RECEPTACLES SHALL BE INSTALLED FLUSH AND CONDUIT CONCEALED IN WALL.
3. SWITCHES CONTROLLING EXHAUST FAN MOTORS SHALL BE THERMAL TYPE WITH PILOT LIGHTS.
4. EXIT LIGHTS SHOWN ON PLAN SHALL BE CONNECTED WITH 2#12 IN 1/2" CONDUIT TO FUSED CUTOUT IN BOILER ROOM.



WIRING DIAGRAM
LIGHTING PANEL L3

NOTE:
PANEL IS SHOWN AS REQUIRED FOR 3Φ, 4 WIRE SYSTEM. FOR 1Φ, 3 WIRE SYSTEM OMIT ONE CONTACT PER REMOTE CONTROL SWITCH AND CHANGE BUS BAR CONNECTIONS AS NECESSARY.

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. LAVOIE COMMISSIONER
DATE 6-21-54 NATIONAL GUARD ARMORY PUTNAM, CONN. CP-Q-166 CONTRACT NO. 17137
FLETCHER-THOMPSON, INC. ARCHITECTS ENGINEERS CONTRACTORS
RECOMMENDED
APPROVAL
PUBLIC WORKS DIRECTOR
APPROVAL

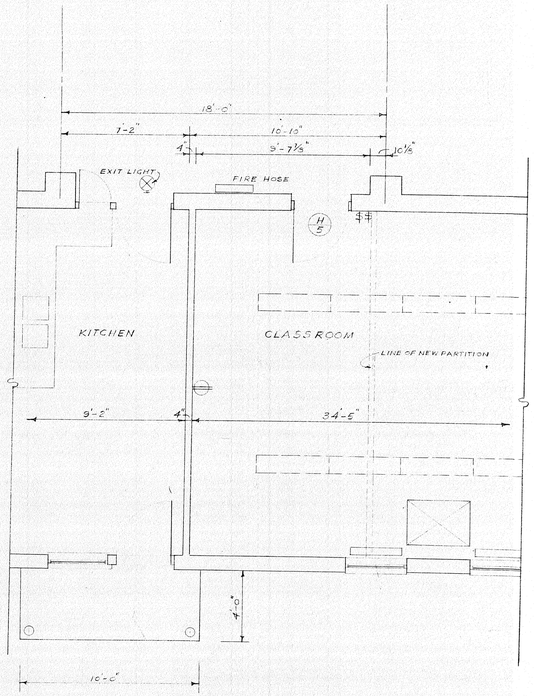
DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY
ELECTRICAL
SCHEDULES

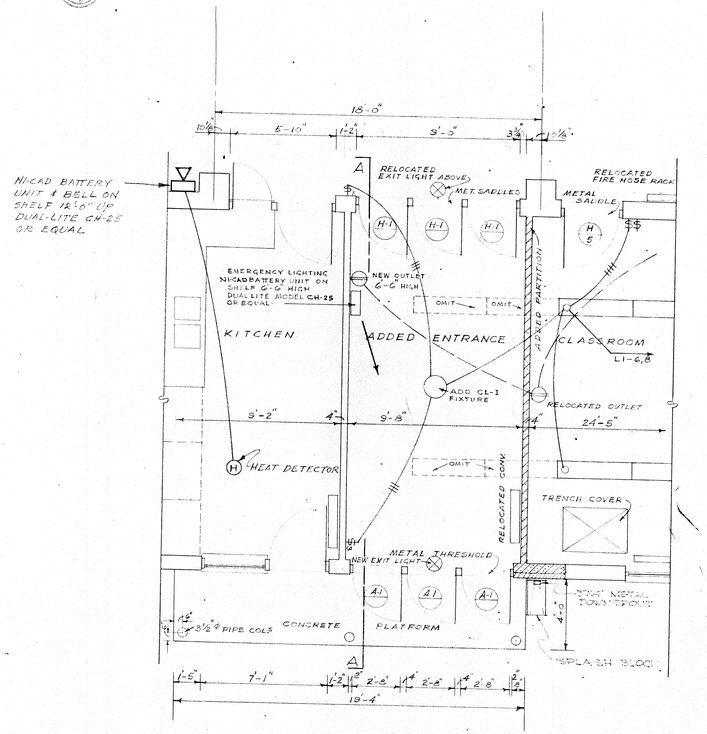
APPROVED FOR THE CHIEF, NGB
R. R. Sedillo
COLONEL, N.G.B.
CHIEF, F.B.C. BRANCH, ARMY DIV.
DATE 24 APRIL 1952

SCALE: NONE
SPECIFICATIONS
SHEET 27 OF 28

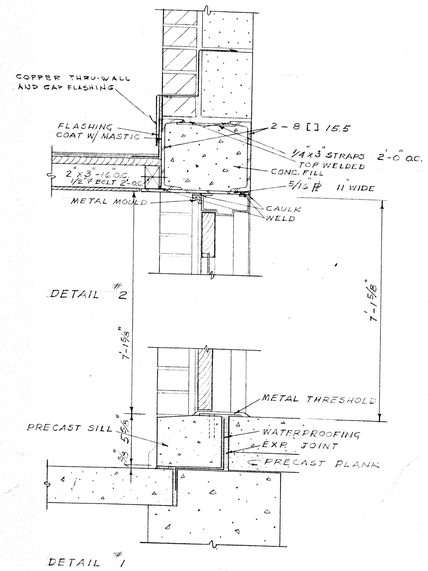
REISNER & URBAHN
ARCHITECTS-ENGINEERS
NEW YORK, N.Y.



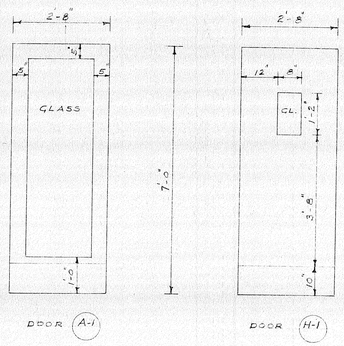
ORIGINAL FLOOR PLAN

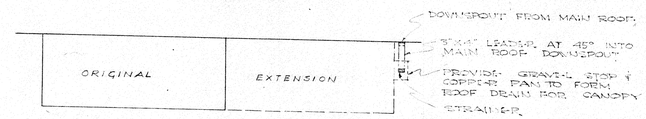


REVISED FLOOR PLAN

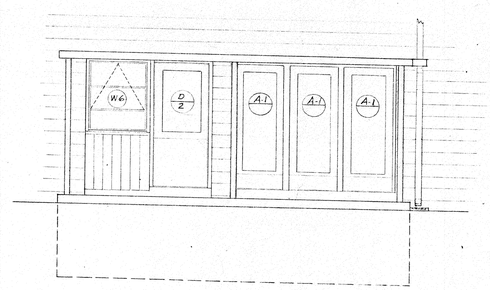


SCALE: 1½" = 1'-0"

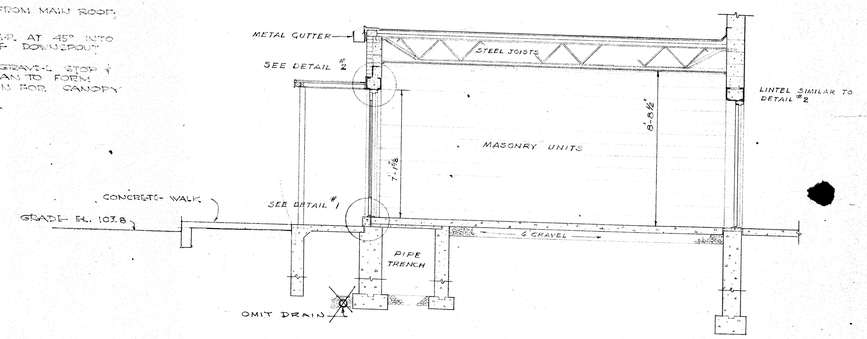




ROOF PLAN OF CANOPY



REVISED ELEVATION



SECTION A-A

STATE OF CONNECTICUT
PUBLIC WORKS DEPARTMENT
R. G. MACY COMMISSIONER

DATE 6-21-54
NATIONAL GUARD ARMORY FOR PUTNAM, CONN.
PROJECT NO. CP-Q-166 CONTRACT NO. 1737

PLANS ADAPTED TO SITE CONDITIONS BY
FLETCHER-THOMPSON, INC.
ARCHITECTS - ENGINEERS
BRIDGEPORT CONNECTICUT

NATIONAL GUARD APPROVAL DATE
PUBLIC WORKS DEPT. APPROVAL DATE

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON D.C.

ONE UNIT ARMORY

ADDED ENTRANCE

APPROVED FOR THE CHIEF, NGB
COLONEL, JAGD
CHIEF, F&C BRANCH, ARMY DIV.
DATE 5 MARCH 1954

SCALE: 1/4" = 1'-0"
SPECIFICATIONS
SHEET 3-A OF 28

ARCHITECTS-ENGINEERS REISNER & URBAHN NEW YORK, N.Y.

29