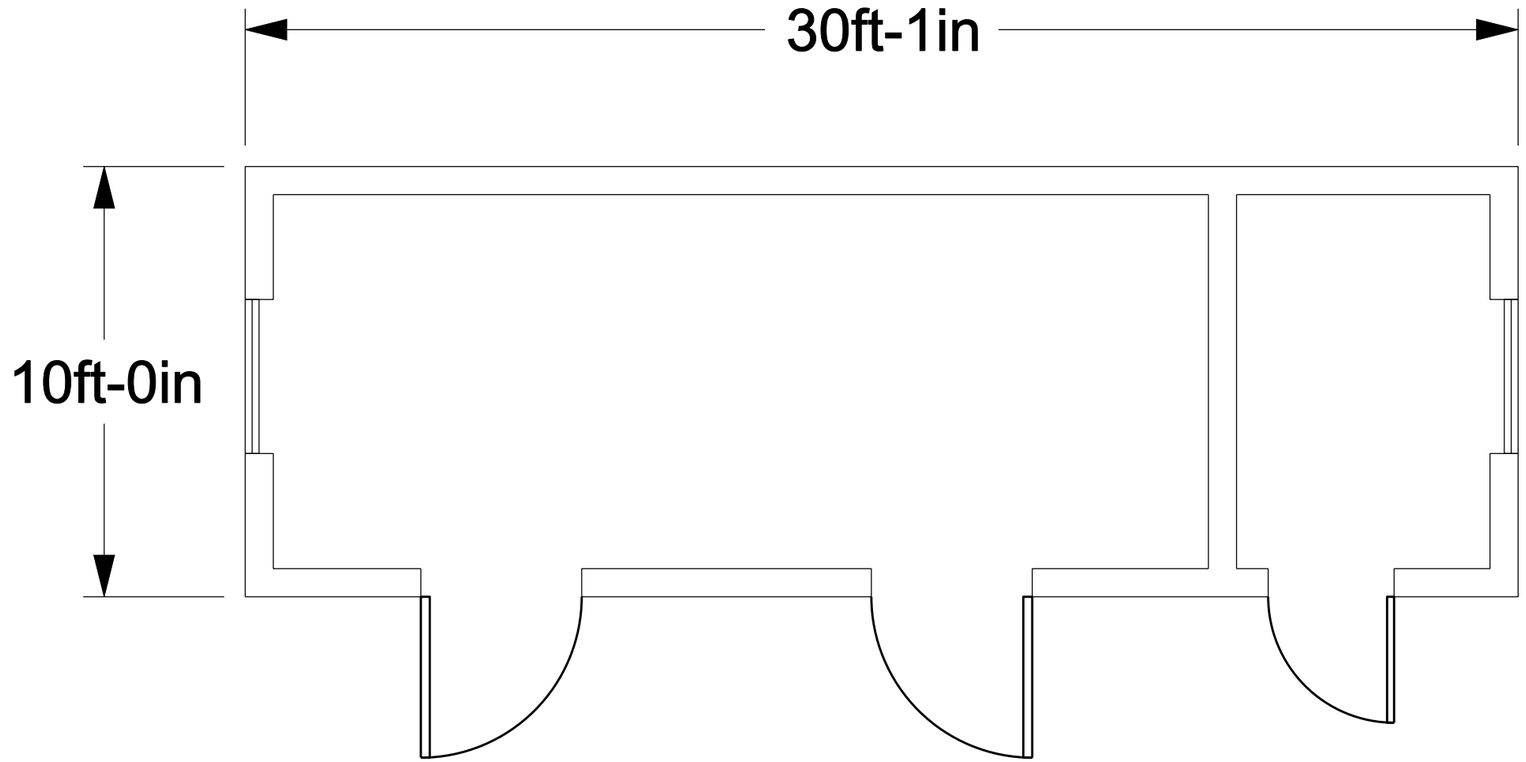
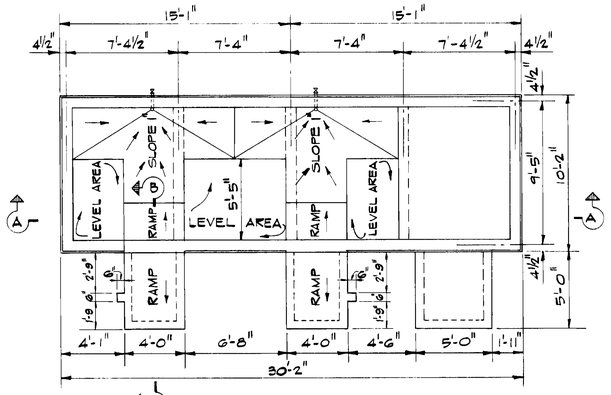


PREPARED BY
FT HOOD DPW
RPPD-INTERGRAPH SURVEY TEAM
BLDG 4628

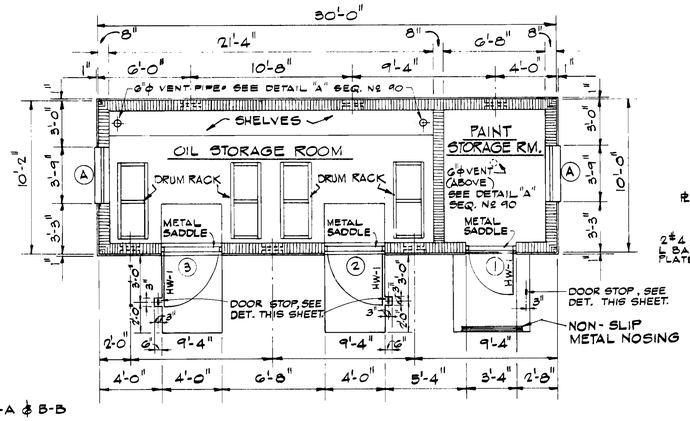
BUILDING NO.	38013
DATE DRAWN:	04/15/11
DRAWN BY:	RUSSELL



FOUNDATION PLAN

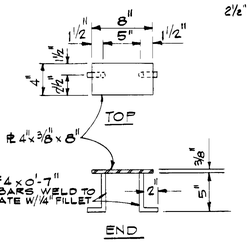
SCALE: 1/4" = 1'-0"

NOTE: FOR SECTIONS A-A & B-B SEE SEQ. Nº 90.



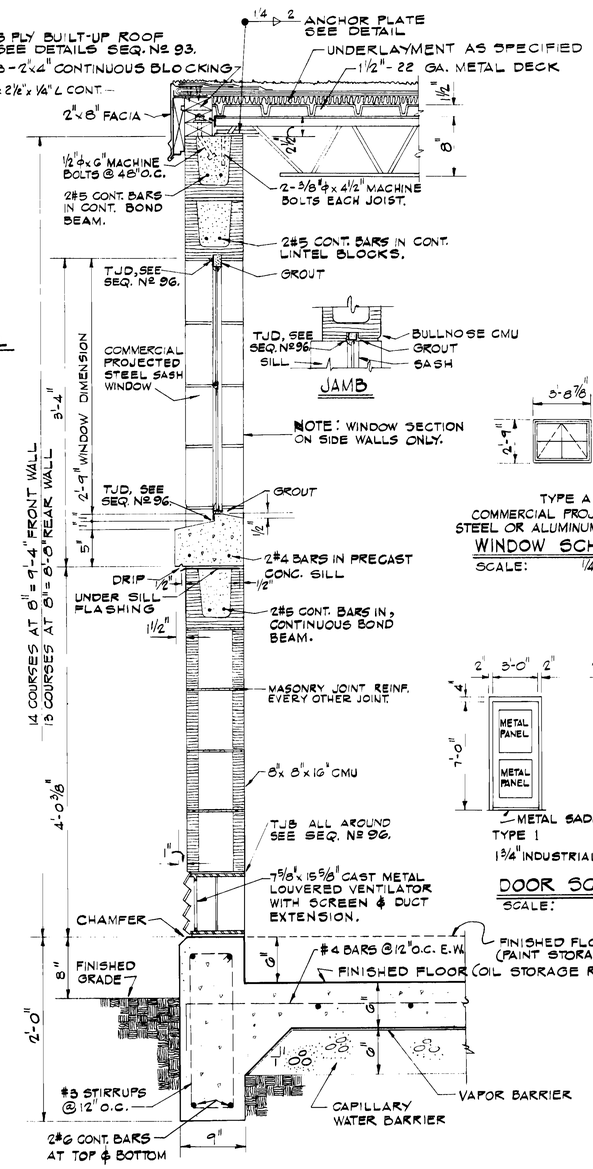
FLOOR PLAN

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



JOIST ANCHOR PL DETAIL

SCALE: 1½" = 1'-0"



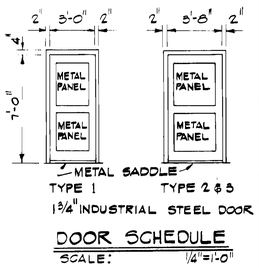
TYPICAL WALL SECTION

SCALE: 1½" = 1'-0"

TYPE A
COMMERCIAL PROJECTED STEEL OR ALUMINUM WINDOW

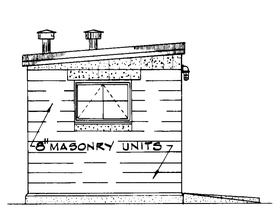
WINDOW SCHEDULE

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

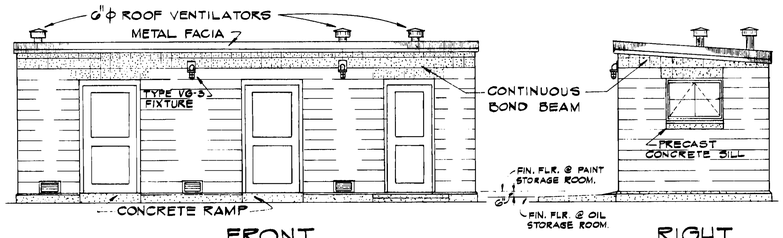


DOOR SCHEDULE

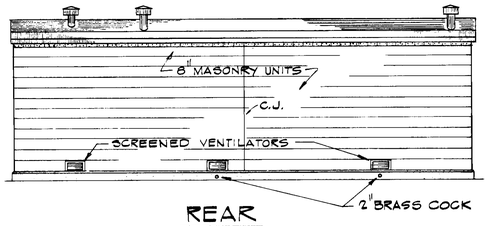
SCALE: 1/4" = 1'-0"



LEFT



FRONT



RIGHT

REAR

ELEVATIONS

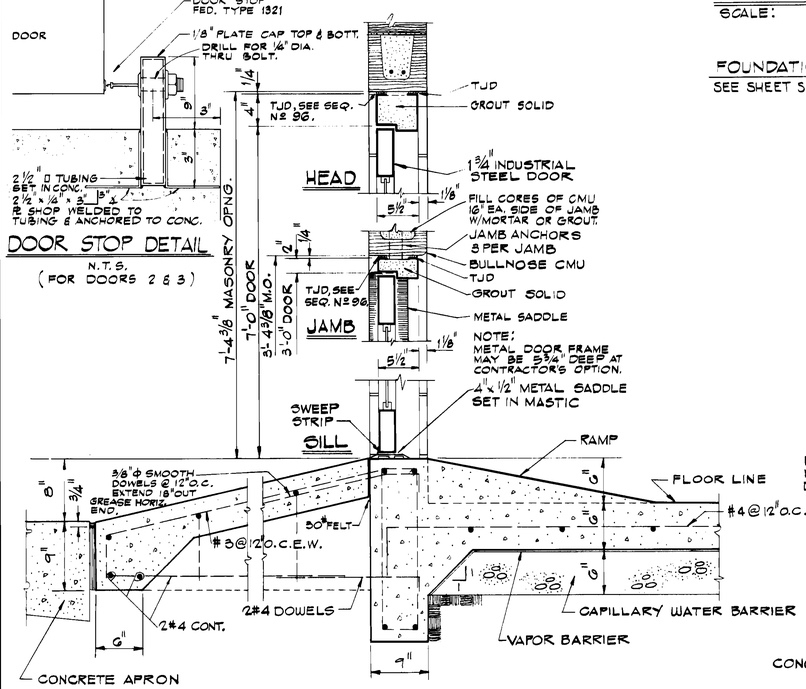
SCALE: 1/4" = 1'-0"

FOUNDATION AND GENERAL NOTES

SEE SHEET SEQ. 90

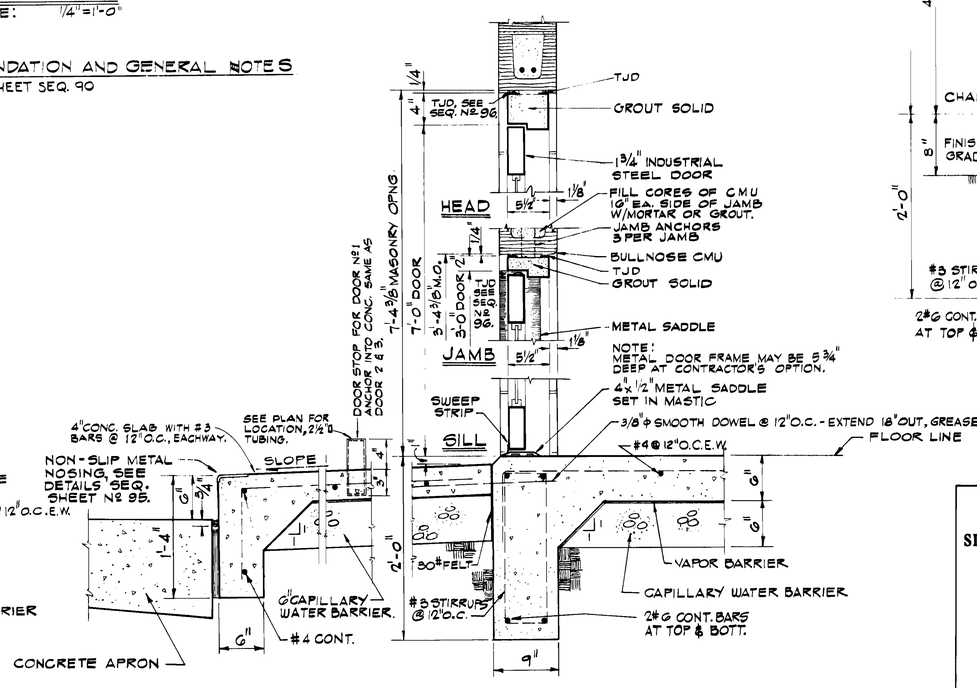
DOOR STOP DETAIL

N.T.S.
(FOR DOORS 2 & 3)



OIL STORAGE ROOM • ENTRANCE DOOR DETAILS

SCALE: 1½" = 1'-0"



PAINT STORAGE ROOM • ENTRANCE DOOR DETAILS

SCALE: 1½" = 1'-0"

GRAPHIC SCALE

1/4" = 1'-0" 12" 0 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11'

1½" = 1'-0" 12" 6" 0 1'

ADDITIVE NO.5

LAND 00015GO

D.O. NO.	ACTION	DATE	DESCRIPTION OF REVISION
AM00001		2 APR 68	GENERAL REVISIONS

SITE ADAPTED FOR FORT HOOD TEXAS

STATE OF TEXAS — KUNG MOON NG — 15015 — REGISTERED PROFESSIONAL ENGINEER

00 90

SIMPSON, NG, PRATT and ASSOCIATES
ENGINEERS · SURVEYORS
SAN ANTONIO, TEXAS

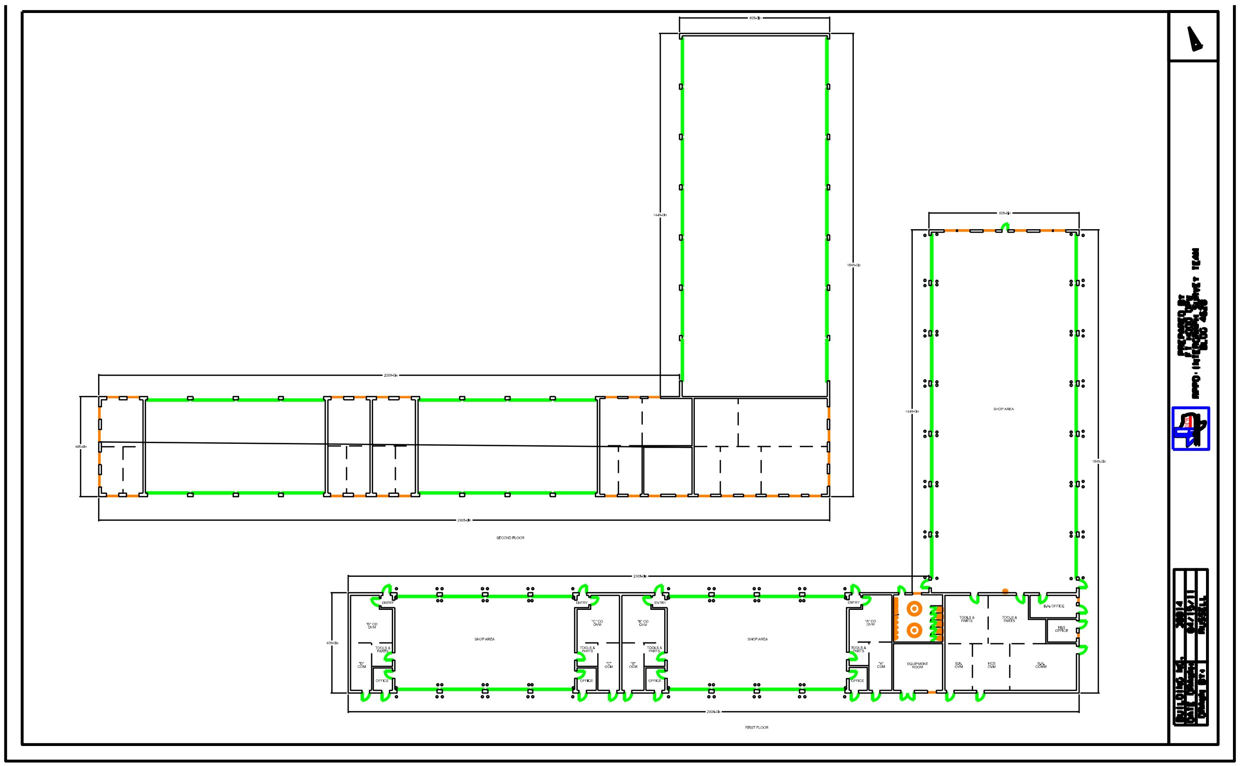
U. S. ARMY ENGINEER DISTRICT, FORT WORTH
CORPS OF ENGINEERS
FORT WORTH, TEXAS

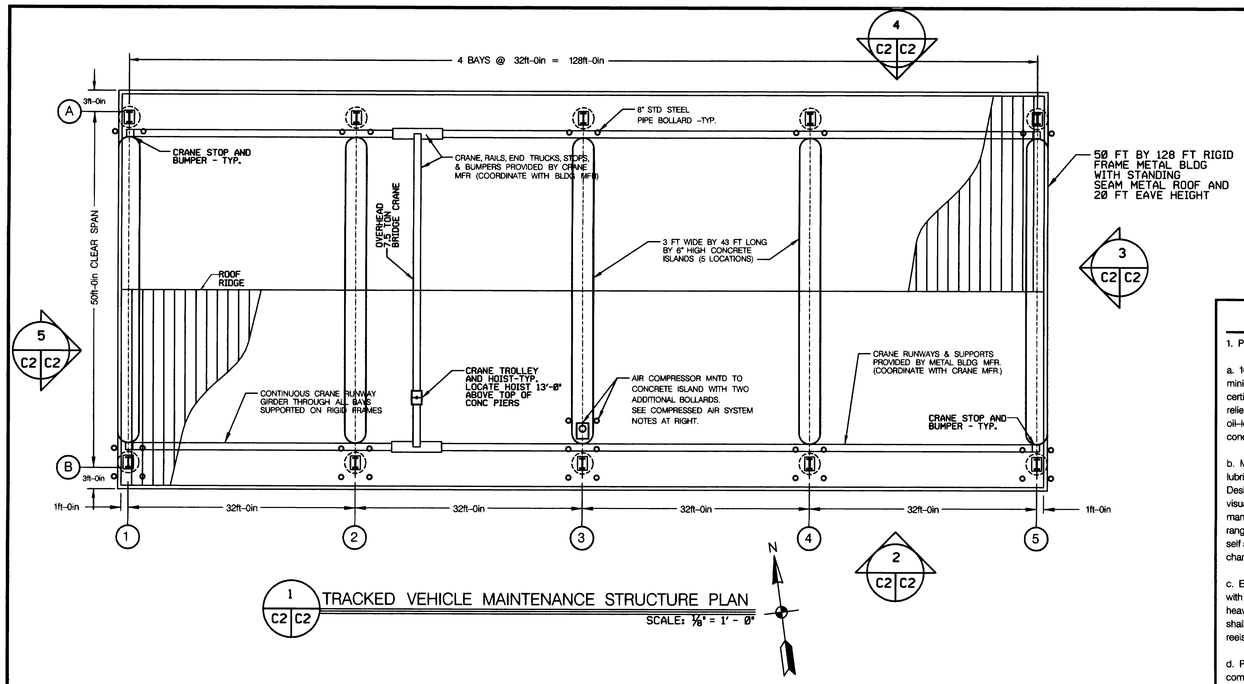
DESIGNED BY:
DRAWN BY: A.A.M. R.G.
CHECKED BY: K.M.N. G.A.P.
SUBMITTED BY: Kung Z. Ng — ARCHITECT - ENGINEER

FORT HOOD, TEXAS
2 TACTICAL EQUIPMENT SHOPS AND FACILITIES
BLDG. NO. 38007, 38013
OIL & PAINT STORAGE BLDG.
PLANS, ELEVATIONS & DETAILS

#

INVITATION NO. DACA 63-68-B-0004
SPECIFICATIONS DATED: 1 APR 1968
DRAWING NUMBER 33-17-01
SHEET NO. 1 OF 2
SEQUENCE NO. 89


SHOP AREA
SECOND FLOOR
FIRST FLOOR



1 C2 C2 TRACKED VEHICLE MAINTENANCE STRUCTURE PLAN

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

COMPRESSED AIR SYSTEM NOTES:

1. Provide compressed air system at maintenace structure consisting of the following:

a. 10 HP two-stage electric air compressor with 120 gallon tank capable of delivering a minimum of 35 CFM at 175 PSI. Compressor shall operate at 460 V and have ASME-certified tank, cast-iron pump crankcase and cylinders, steel valves, pressure gauge, safety relief valve, tank shut-off valve, automatic stainless steel ball valve condensate tank drain, oil-level sight gauge, and magnetic starter. Mount compressor with anchor bolts on concrete island where shown.

b. Main line components shall consist of desiccant air dryer/filter, pressure reguiator, and lubricator. Main line and components shall be capable of supplying 35 CFM at 125 PSI. Desiccant air dryer shall trap oil mist, water, and solids down to 0.3 microns and have a visual indicator of element saturation. Pressure regulator shall be relieving regulator type, manually adjustable, have pressure gauge, maintain constant outlet pressure over a wide range, and have a minimum outlet pressure range of 0 - 125 PSI. Lubricator shall have self adjusting flow sensor, automatically maintain a constant oil-to-air ratio in response to changing air flow, and have visual indicator of oil level.

c. Each service bay shall have an air hose connection with automatic retractable hose reel with minimum 75' of hose and sleeve-type couplers. Hose reels shall be spring driven, heavy duty, permanently lubricated, and have latch to maintain hose length. Branch lines shall be sized to supply a minimum of 12 CFM at 90 PSI at each terminal connection. Hose reels shall be mounted to columns B1, B2, B4, and B5 at approximately 36" above grade.

d. Provide all components, controls, piping, hoses, connections, hangers, and supports for a complete and functional operating system.

MAINTENANCE COVER NOTES:

1. THE MAINTENANCE COVER SHALL BE A MBMA STANDARD PREFABRICATED METAL STRUCTURE OF THE APPROXIMATE INSIDE AREA SHOWN. RIGID FRAMES SHALL BE SPACED ON CENTER AS SHOWN, BUT OVERALL DIMENSIONS AND CONSTRUCTION DETAILS MAY VARY TO SUIT THE MANUFACTURER'S STANDARD DESIGN. HOWEVER, MINIMUM WEB THICKNESS OF RIGID FRAMES SHALL BE 3/16 INCH. MAXIMUM ALLOWABLE SOIL BEARING PRESSURE IS 2000 POUNDS PER SQUARE FOOT.

2. THE BUILDING SHALL BE DESIGNED AND FABRICATED ACCORDING TO THE LATEST AISC, MBMA, AND AISI SPECIFICATIONS. THE DIMENSIONAL TOLERANCES OUTLINED IN THE AWS CODE UNDER WORKMANSHIP AND THE TOLERANCES APPLICABLE TO ROLL FORM STEEL UNDER THE AISC "STANDARD MILL PRACTICE" SECTION SHALL BE REQUIRED IN THE FABRICATION OF THE STEEL BUILDING FRAMES.

3. A COMPLETE DESIGN ANALYSIS SHOWING ALL CALCULATIONS FOR THE RIGID FRAMES, GIRTS AND PURLINS AND A LAYOUT OF ANCHOR BOLTS AND OTHER EMBEDDED ITEMS SHALL BE SUBMITTED FOR APPROVAL WITH THE SHOP DRAWINGS. SHOP DRAWINGS SHALL INCLUDE DETAILS FOR ALL MAIN MEMBERS, TYPICAL CONNECTIONS (SHOWING BOLT HOLES AND WELDS), AND ERECTION DRAWINGS.

4. THE BUILDING SHALL BE DESIGNED TO SUPPORT ALL MECHANICAL-ELECTRICAL DEVICES AND EQUIPMENT TO INCLUDE LIGHT FIXTURES AND A RATED 7.5 TON OVERHEAD TRAVELING CRANE. ADDITIONAL GIRT, PURLINS, AND BRACING AS REQUIRED SHALL BE PLACED IN CONVENIENT LOCATIONS FOR ATTACHMENT OF ALL EQUIPMENT.

5. COMBINATION DESIGN LOADS CONDITIONS SHALL COMPLY WITH MBMA SPECIFICATIONS:

DL + LL
DL + 1/2-LL + WL (UNIFORMLY DISTRIBUTED OVER FULL SPAN)
DL + LL + 1/2-WL
DL + CRANE LOAD + 1/2-LL (OR 1/2-WL)*
DL + SEISMIC FORCE
*USE WHICHEVER LOAD IS CRITICAL (LL OR WL)

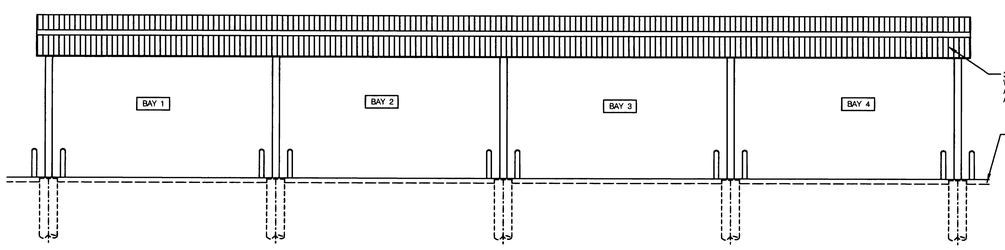
6. UNLESS CROSS BRACING IS USED IN END FRAMES AND ROOFS TO TAKE LATERAL LOADS, LOAD TESTS ON METAL PANEL WALLS AND ROOFS SHALL BE SUBMITTED WHERE THESE ARE USE AS A DIAPHRAGM.

7. ALL FOUNDATION STRATA, FORMS AND REINFORCEMENT SHALL BE APPROVED BY THE CONTRACTING OFFICER BEFORE CONCRETE IS PLACED.

8. CONTRACTOR SHALL VERIFY NUMBER, SIZE, AND ORIENTATION OF ANCHOR BOLTS AND BASE PLATE ELEVATIONS WITH METAL BUILDING MANUFACTURER.

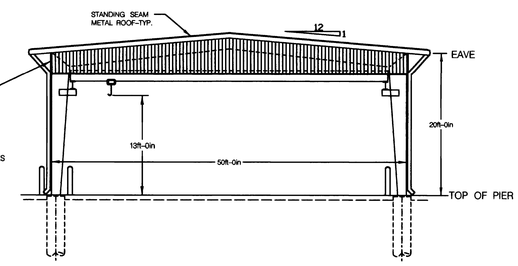
9. ALL FOUNDATION DIMENSIONS SHALL BE COORDINATED WITH THE METAL BUILDING MANUFACTURER PRIOR TO CONSTRUCTION.

10. ANCHOR BOLT TYPE , SIZE AND LOCATION SHALL BE SUPPLIED BY THE METAL BUILDING MANUFACTURER.



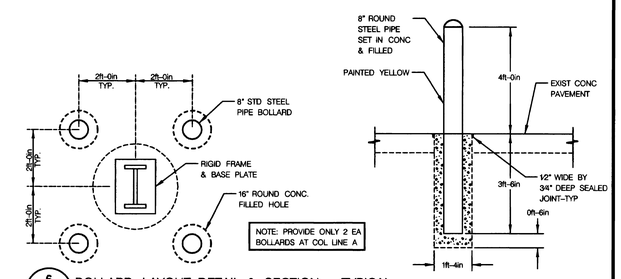
2 C2 C2 NORTH ELEVATION @ MAINTENANCE STRUCTURE

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



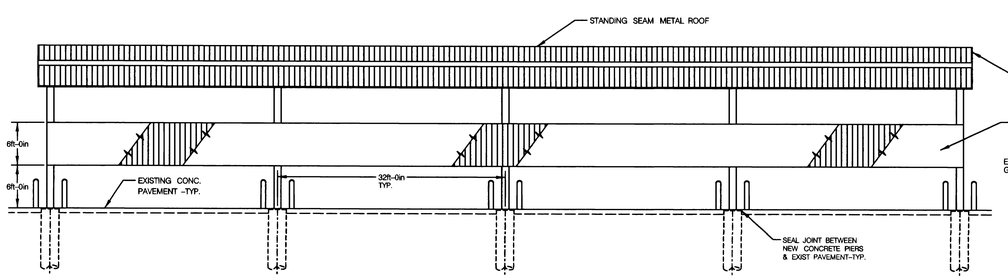
3 C2 C2 EAST ELEVATION @ MAINTENANCE STRUCTURE

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



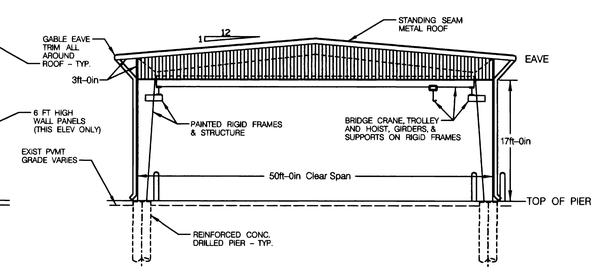
6 C2 C2 BOLLARD LAYOUT DETAIL & SECTION - TYPICAL

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



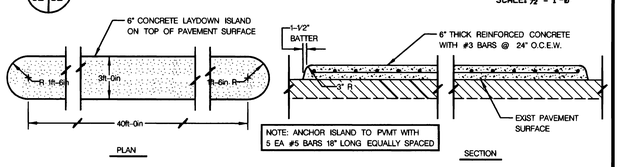
4 C2 C2 SOUTH ELEVATION @ MAINTENANCE STRUCTURE

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



5 C2 C2 WEST ELEVATION @ MAINTENANCE STRUCTURE

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



7 C2 C2 CONCRETE ISLAND PLAN & SECTION - TYPICAL

N.T.S

JUN 1998 AS-BUILTS

REVISIONS

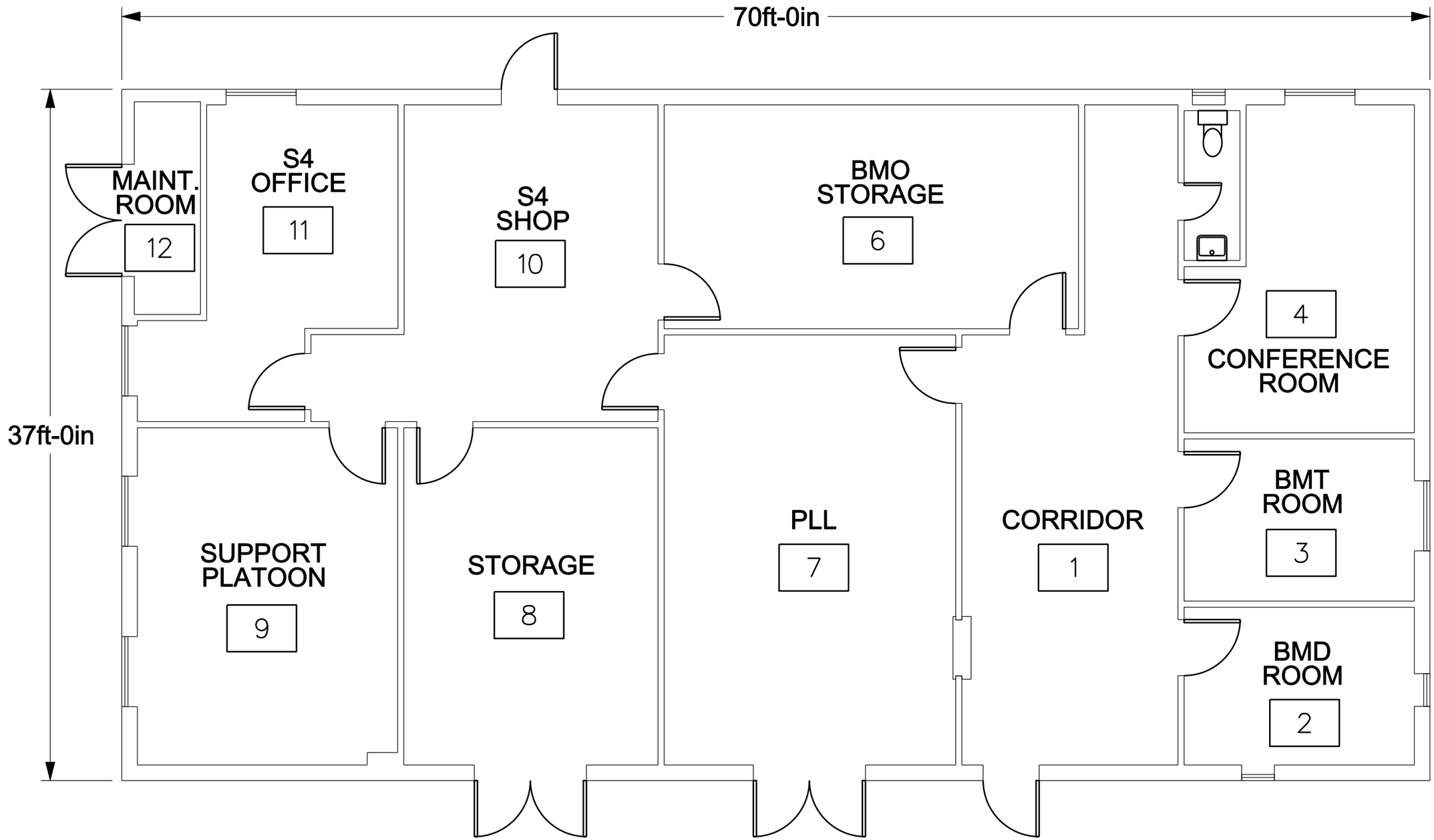
SYMBOL	DESCRIPTION	DATE	APPROVED

2' 0' 10' 20' 30'
SCALE: 1/8 INCH = 1 FOOT

DIRECTORATE OF PUBLIC WORKS
ENGINEERING PLANS & SERVICES DIVISION
FORT HOOD, TEXAS

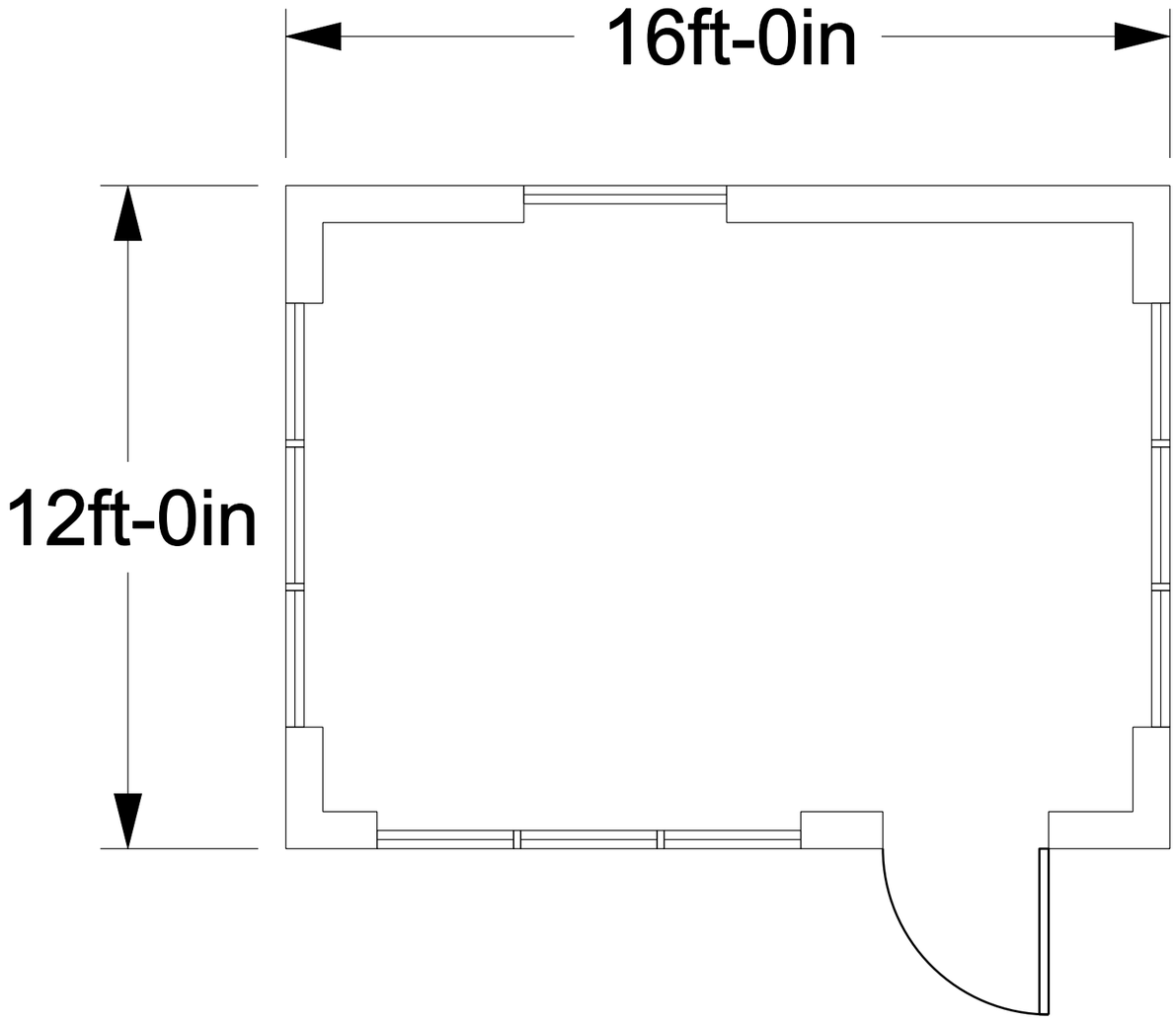
DESIGNED BY: DS	TRACKED VEHICLE MAINTENANCE STRUCTURE		
DRAWN BY: DS			
CHECKED BY:	PLAN & ELEVATIONS		
REVIEWED BY:	DATE: SEP 1997	PROJECT NO:	SEQUENCE NO:
CAD FILENAME: TVMS3.DGN	PLAN NO: 00311120	SHEET NO: C2 OF 2	3

AS-BUILTS



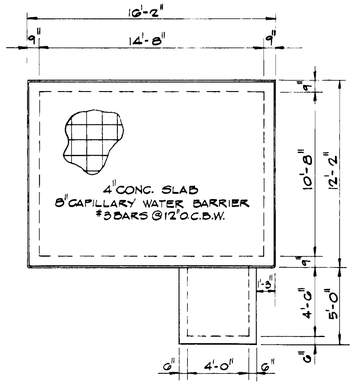
PREPARED BY
FT HOOD DPW
RPPD-INTERGRAPH SURVEY TEAM
BLDG 4628

BUILDING NO.	38015
DATE DRAWN:	03/07/11
DRAWN BY:	RUSSELL

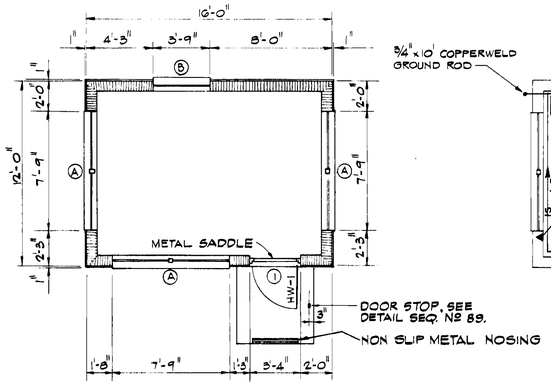


PREPARED BY
FT HOOD DPW
RPPD-INTERGRAPH SURVEY TEAM
BLDG 4628

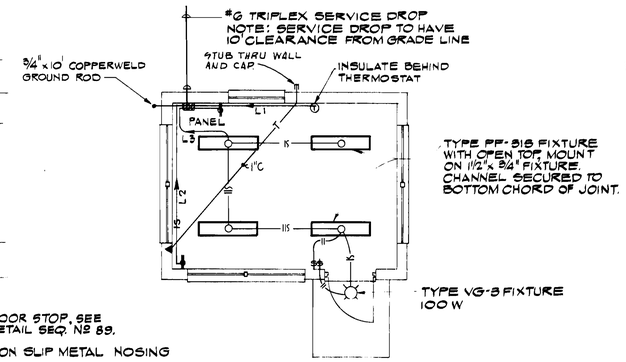
BUILDING NO.	38016
DATE DRAWN:	03/07/11
DRAWN BY:	RUSSELL



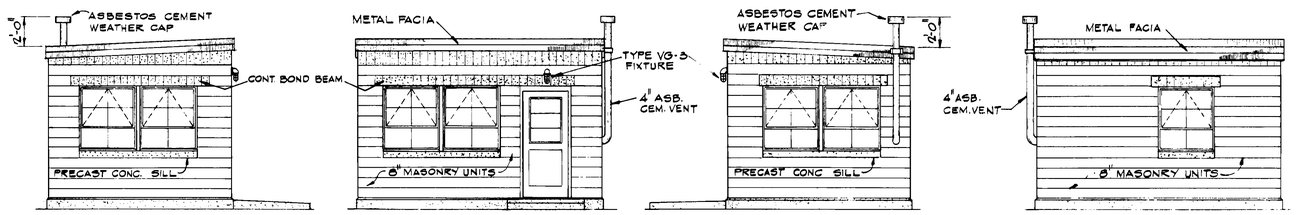
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



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

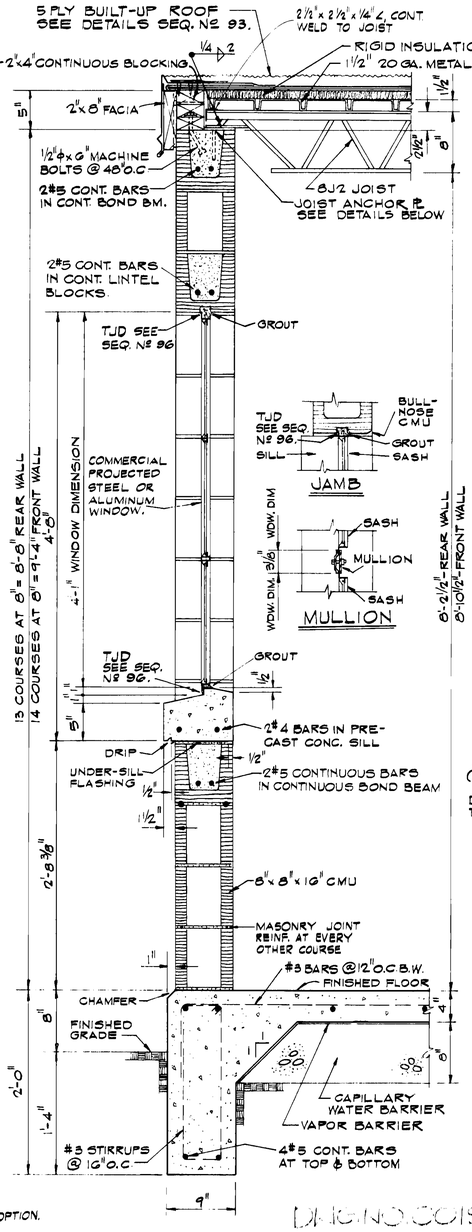


ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



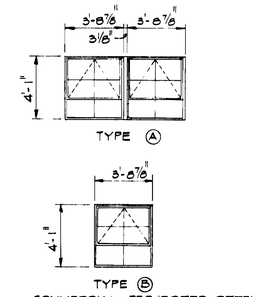
LEFT — FRONT — RIGHT — REAR

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



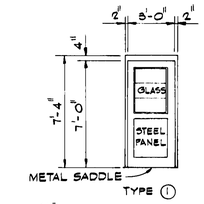
TYPICAL WALL SECTION
SCALE: 1 1/2" = 1'-0"

NOTE:
SEE FOUNDATION & GENERAL NOTES SEQ. Nº 89.



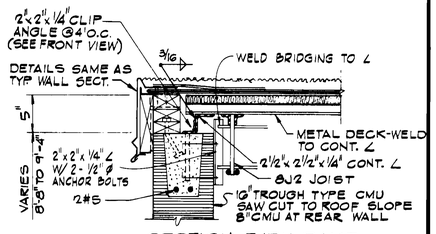
COMMERCIAL PROJECTED STEEL OR ALUMINUM WINDOW.

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

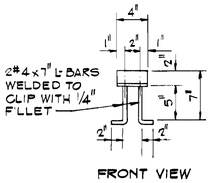


1 3/4" INDUSTRIAL STEEL DOOR

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

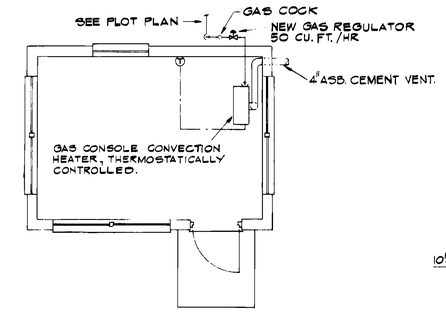


SECTION THRU RAKE
SCALE: 1 1/2" = 1'-0"

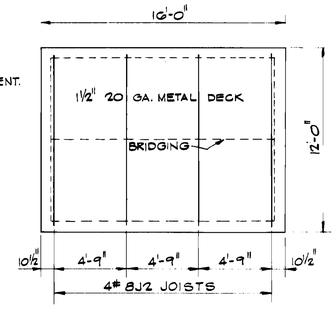


FRONT VIEW OF CLIP ANGLE

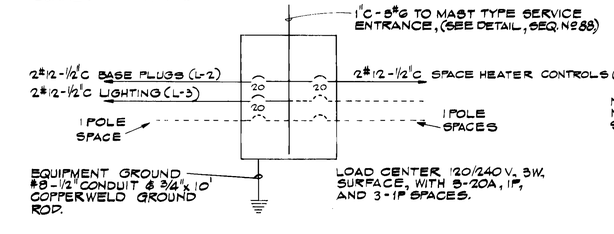
GRAPHIC SCALE:
1/4" = 1'-0"
1 1/2" = 1'-0"



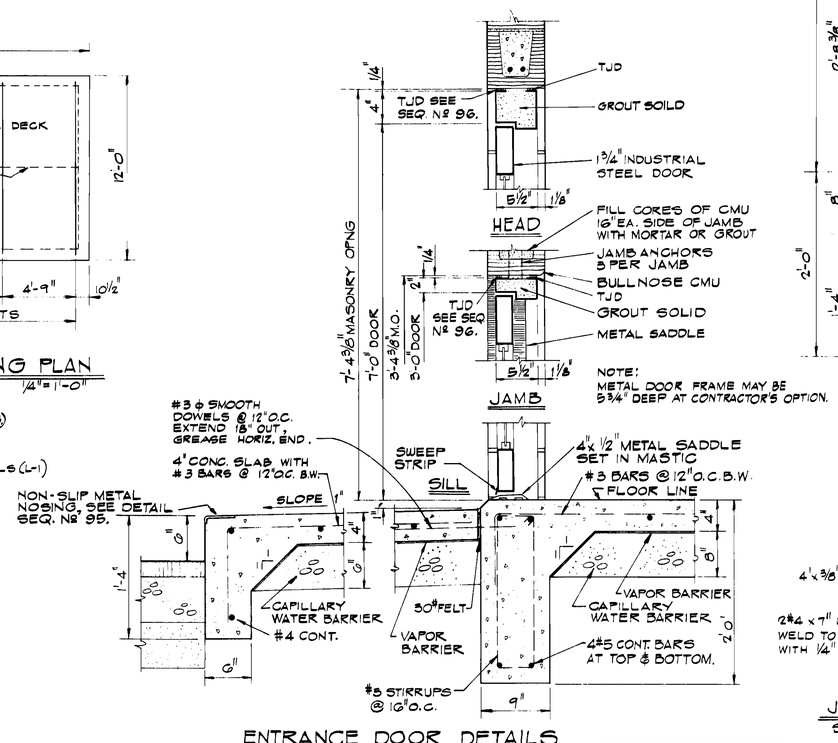
HEATING PLAN
SCALE: 1/4" = 1'-0"



ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

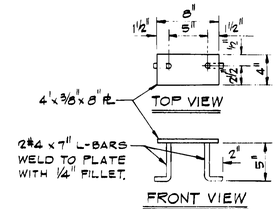


ELECTRICAL RISER DIAGRAM
NO SCALE



NOTE:
METAL DOOR FRAME MAY BE 5 3/4" DEEP AT CONTRACTOR'S OPTION.

ENTRANCE DOOR DETAILS
SCALE: 1 1/2" = 1'-0"



JOIST ANCHOR PLATE
SCALE: 1 1/2" = 1'-0"

ADDITIVE NO. 6

SITE ADAPTED FOR FORT HOOD TEXAS

STATE OF TEXAS — KUNG MOON NG — 15815 — REGISTERED PROFESSIONAL ENGINEER

DO NO	ACTION	DATE	DESCRIPTION OF REVISION
AM#0003		5 APR. '68	REVISED ELECTRICAL RISER DIAGRAM
AM#0001		2 APRIL '68	REV. TYP. WALL SECTION & SECTION THRU RAKE

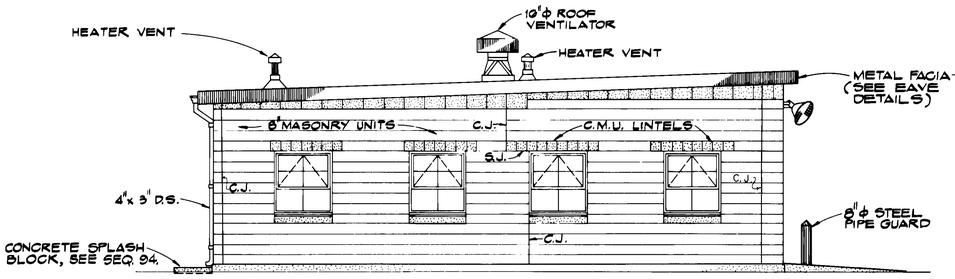
SIMPSON, NG, PRATT and ASSOCIATES
ENGINEERS · SURVEYORS
SAN ANTONIO TEXAS

U. S. ARMY ENGINEER DISTRICT, FORT WORTH
CORPS OF ENGINEERS
FORT WORTH, TEXAS

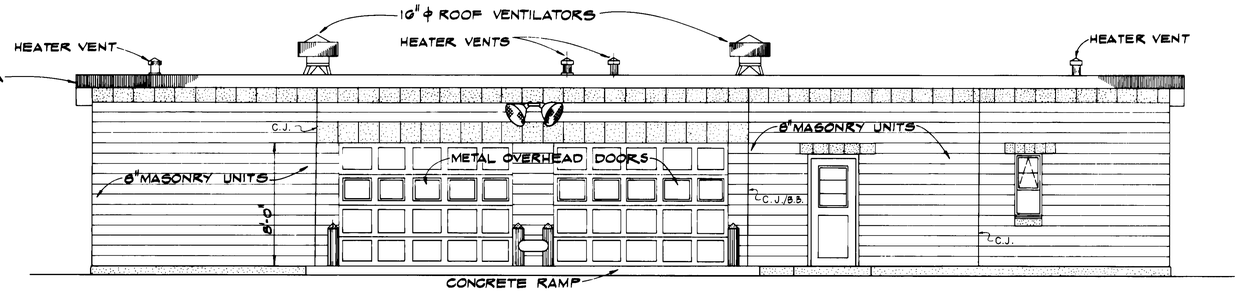
DESIGNED BY:
DRAWN BY: A.A.M. R.G.
CHECKED BY: K.M.N. G.A.P.
SUBMITTED BY: Kung Z. Ng — ARCHITECT - ENGINEER

FORT HOOD, TEXAS
2 TACTICAL EQUIPMENT SHOPS AND FACILITIES
BLDG. NO. 38001, 38016
DISPATCH HOUSE-PLANS, ELEVATIONS & DETAILS

INVITATION NO. DAHA23-68-B-0034
SPECIFICATIONS DATED: MARCH 1968
DRAWING NUMBER 36-31-01
SHEET NO. 1 OF 1
SEQUENCE NO. 92



LEFT SIDE ELEVATION
SCALE: 1/4"=1'-0"



FRONT ELEVATION
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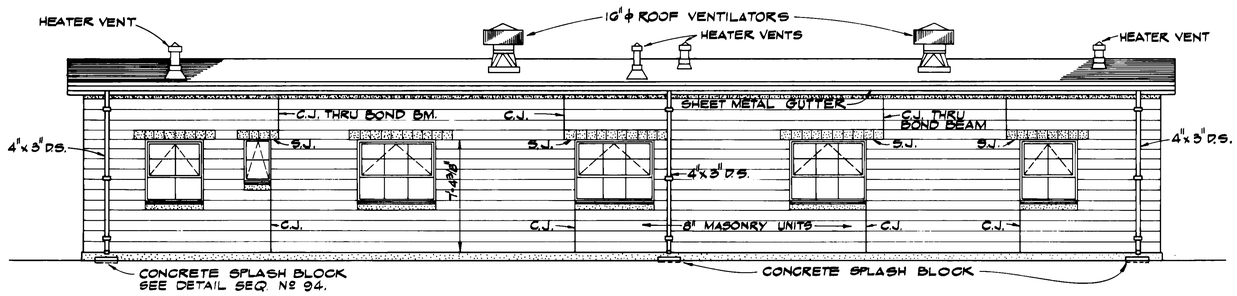

REAR ELEVATION
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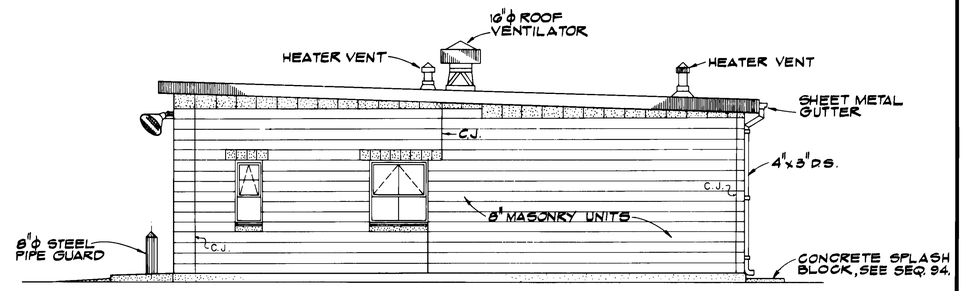

RIGHT SIDE ELEVATION
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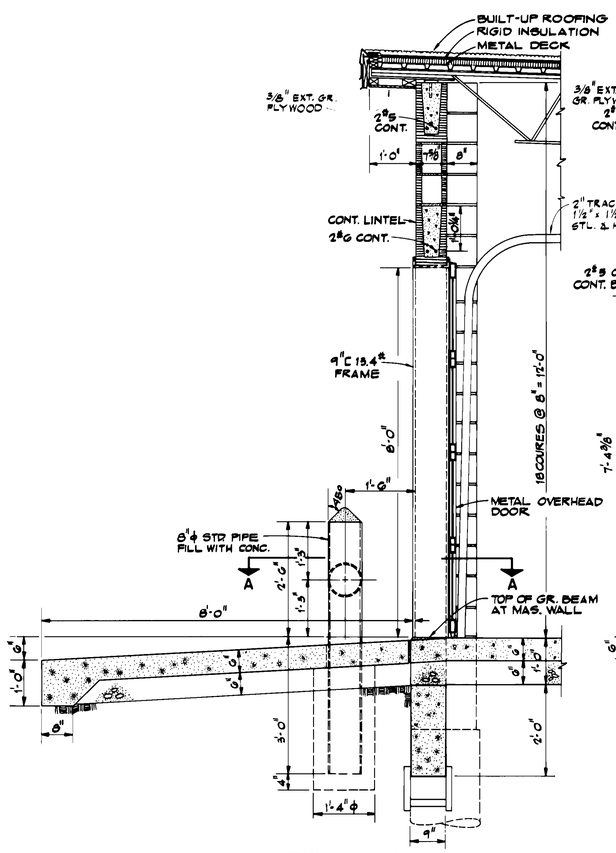

SECTION 1-1
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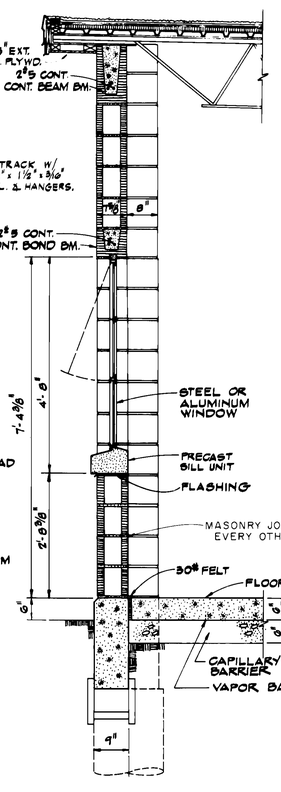

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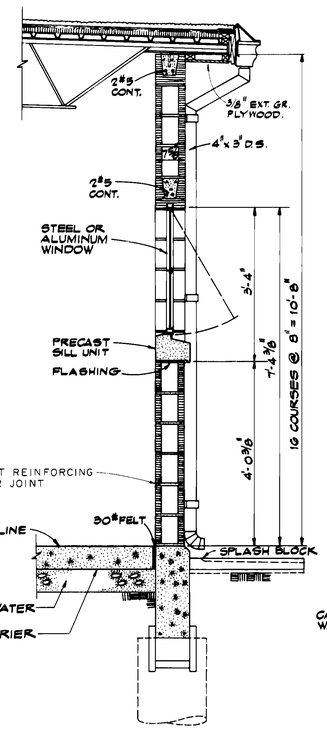

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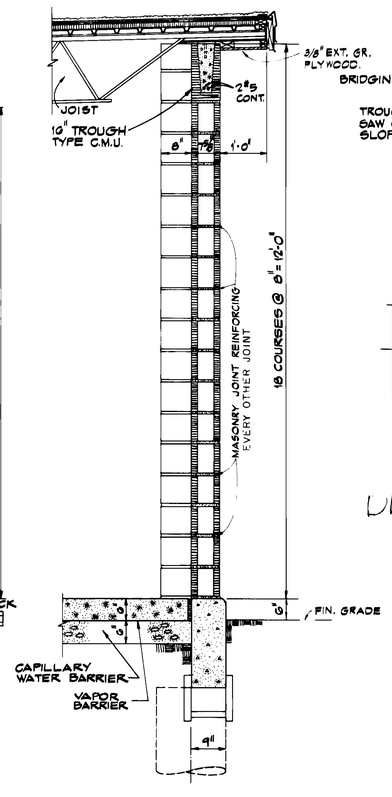

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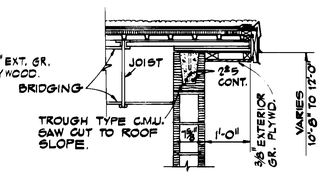

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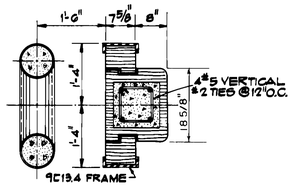

PLAN A-A
SCALE: 3/4"=1'-0"

DWG. NO 00121820

GRAPHIC SCALE
1/4"=1'-0" 12" 0 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11'
3/4"=1'-0" 12" 6" 0 1' 2' 3'

ADDITIVE NO. 3

SITE ADAPTED FOR FORT HOOD TEXAS

STATE OF TEXAS — KUNG MOON NG — 15815 — REGISTERED PROFESSIONAL ENGINEER

0

D.O. NO.	ACTION	DATE	DESCRIPTION OF REVISION
	AMRMDI	2 APRIL '68	REVISED C.J.'S & JOINT REINFORCING

SIMPSON, NG, PRATT and ASSOCIATES
ENGINEERS - SURVEYORS
SAN ANTONIO, TEXAS

U. S. ARMY ENGINEER DISTRICT, FORT WORTH
CORPS OF ENGINEERS
FORT WORTH, TEXAS

DESIGNED BY:
DRAWN BY: A.A.M.
CHECKED BY: K.M.N. G.A.P.

FORT HOOD, TEXAS
2 TACTICAL EQUIPMENT SHOPS AND FACILITIES
BLDG. NO. 38002, 38015
BN. STORAGE BLDG.
ELEVATIONS & WALL SECTIONS

38002 38015

SUBMITTED BY: Kung M. Ng
ARCHITECT - ENGINEER

INVITATION NO. DACA 1-[illegible]-B-[illegible]
SPECIFICATIONS DATED: [illegible]-8
DRAWING NUMBER 33-26-01
SHEET NO 2 OF 5
SEQUENCE NO. 85