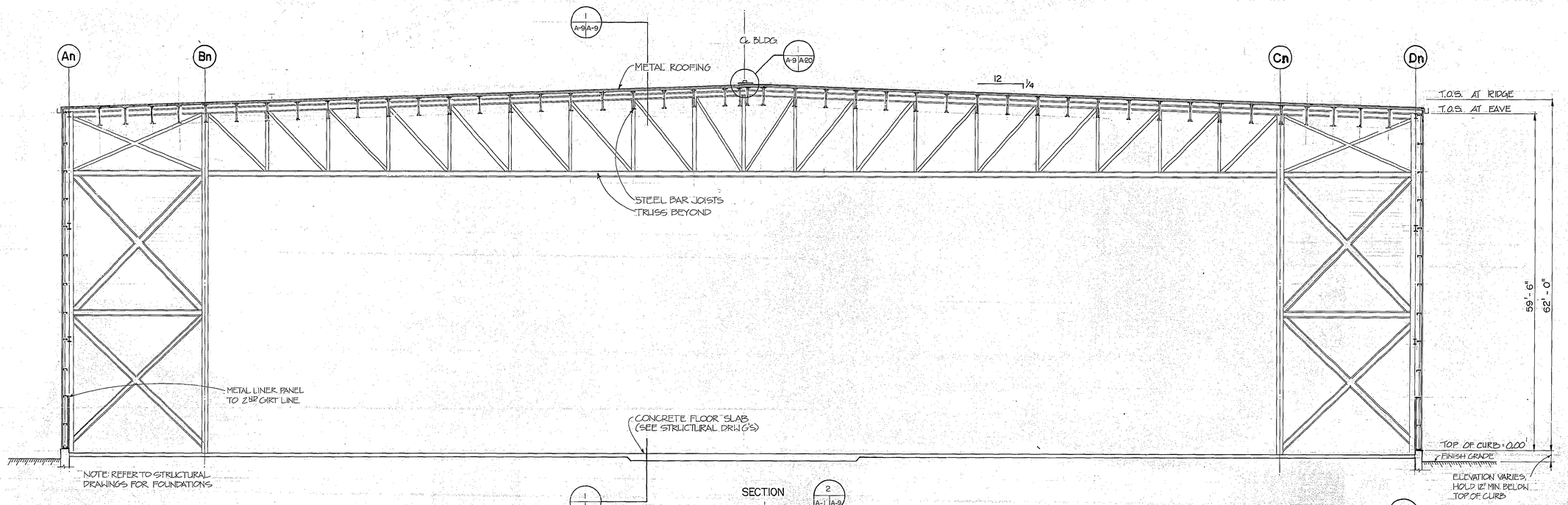
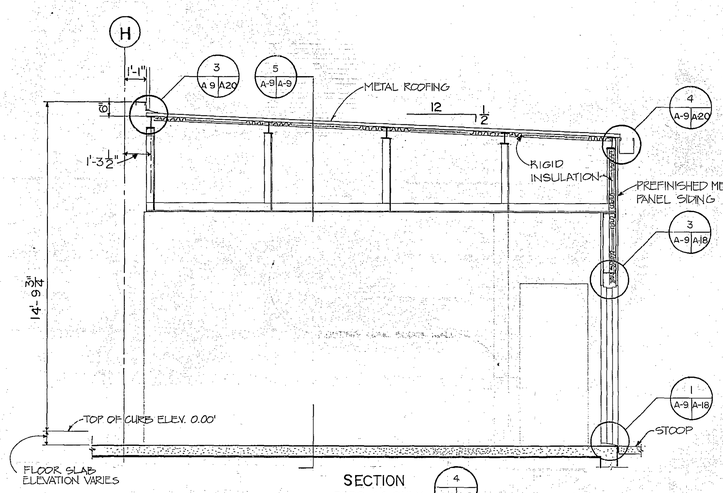
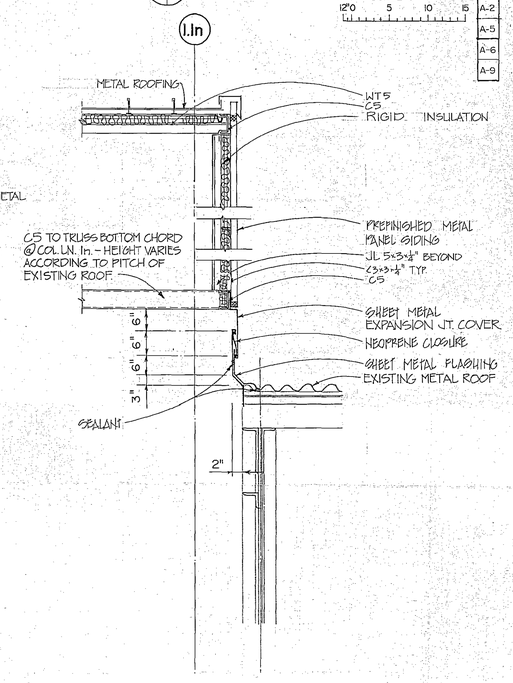


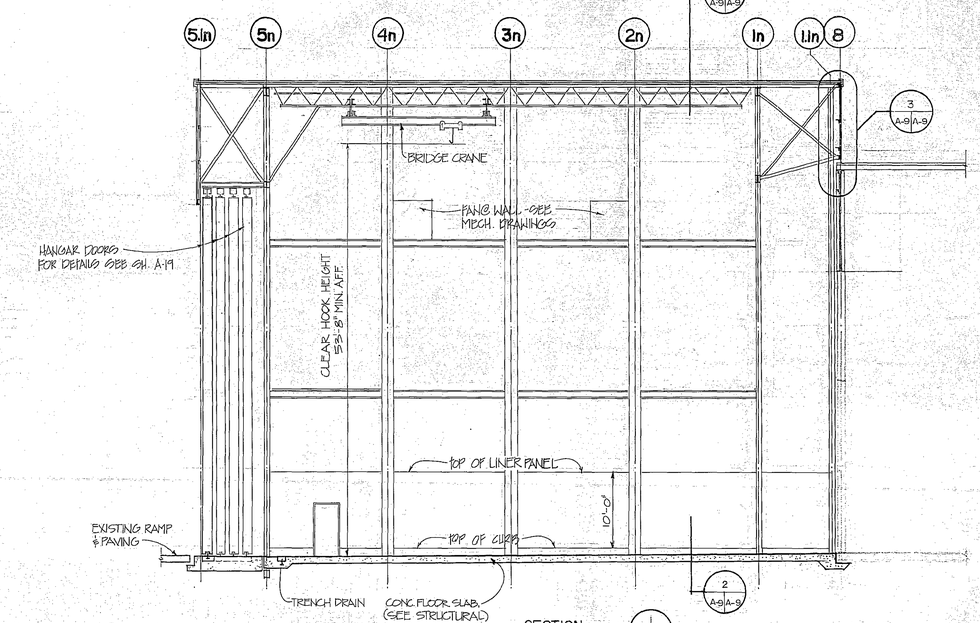
SECTION
SCALE 3/8"=1'-0"



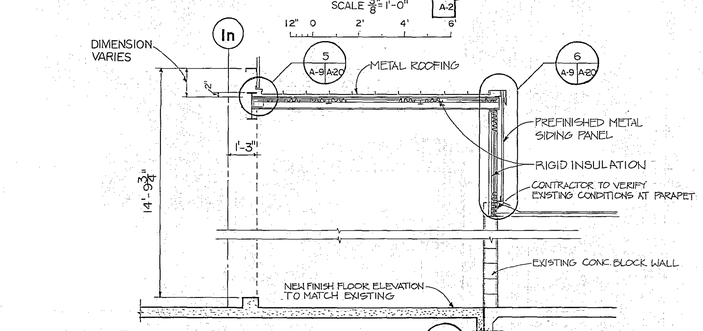
SECTION
BLDG. 44 ONLY
SCALE 3/8"=1'-0"



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



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



NOTE: CONTRACOR TO DETERMINE
DIMENSIONS IN FIELD FOR LOW
ROOF AREA, BLDG. 44.

SECTION
BLDG. 44 ONLY
SCALE 3/8"=1'-0"

LEGEND

NEW STRUCTURE

EXISTING STRUCTURE

SYMBOL	ZONE	DESCRIPTION	DATE	BY

REVISIONS

WBRD, WISELANDER & ERNETT
ARCHITECTS ENGINEERS
ATLANTA, GEORGIA

ENGINEER DISTRICT, SAVANNAH
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

NOISE DOCK EXPANSION ENCLOSURE

BUILDING 44 BUILDING SECTIONS

ROBINS AIR FORCE BASE GEORGIA

DATE 30-01-08

PLATE A-9

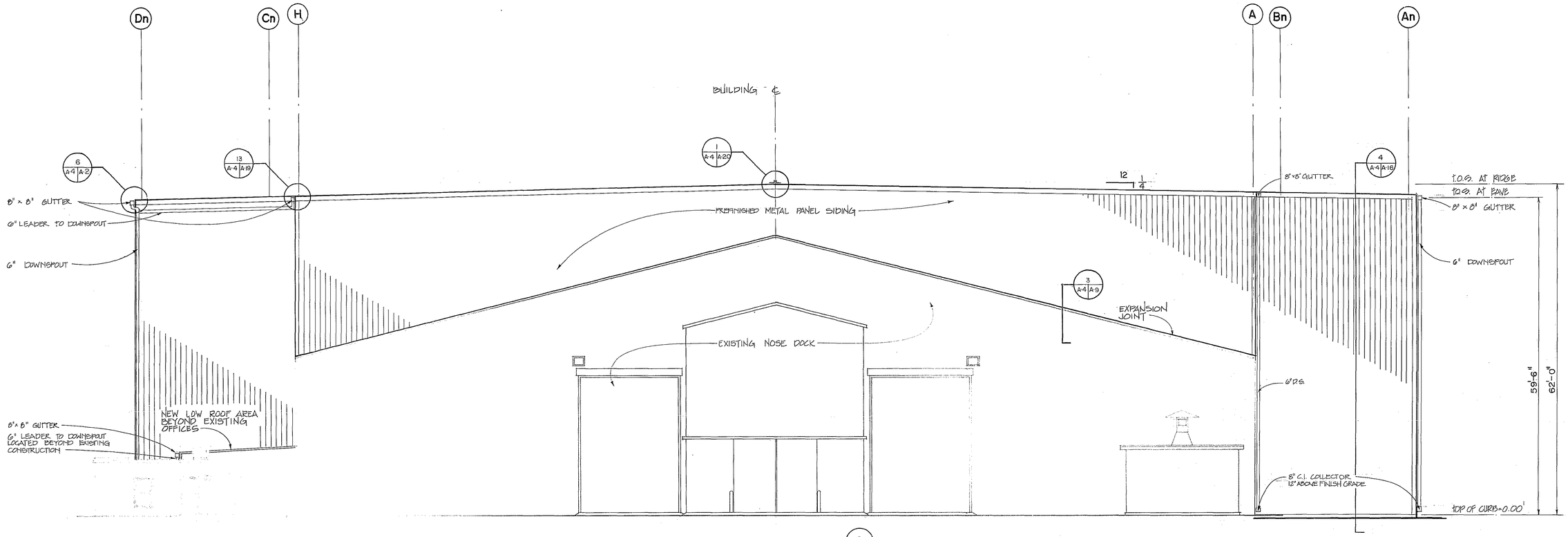
SCALE AS SHOWN

SHEET 19

FORMAT 6

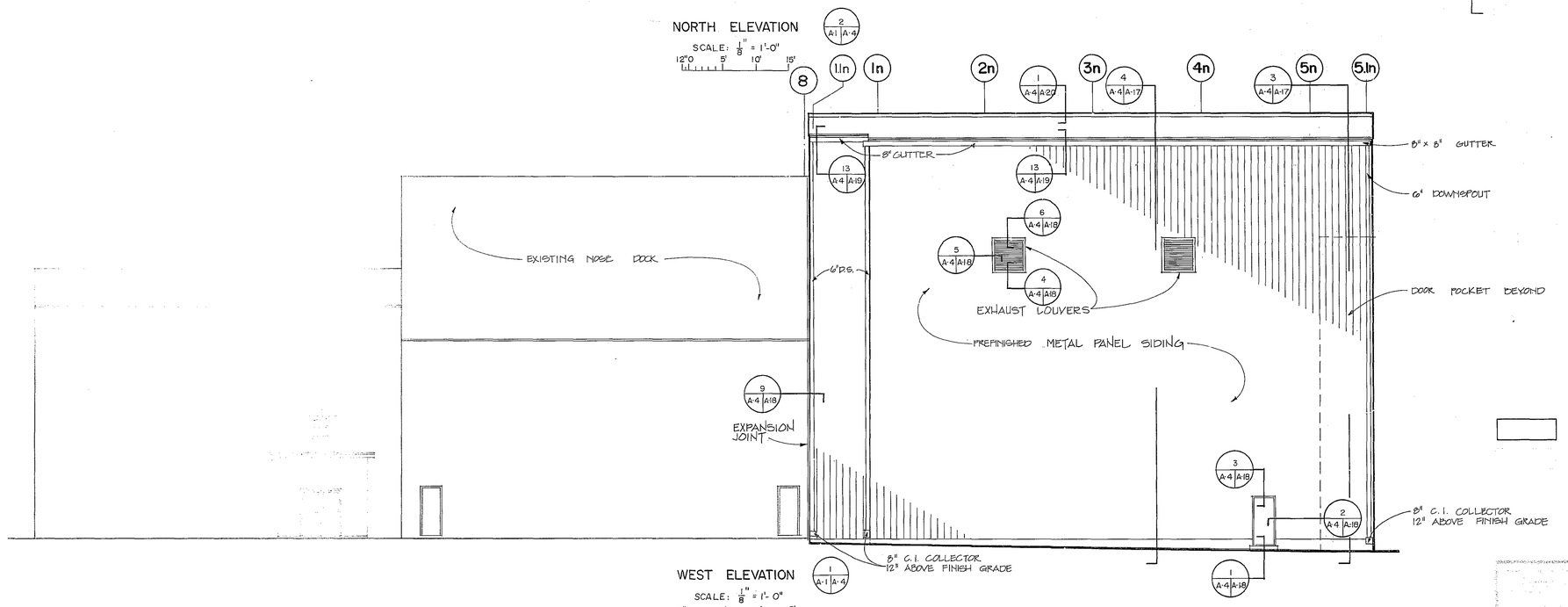
(RED OVERLAY FOR BASIC R. A-9)

19



NORTH ELEVATION

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



WEST ELEVATION

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

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

DRMO STORAGE ENCLOSURE

BUILDING 44 EXTERIOR ELEVATIONS

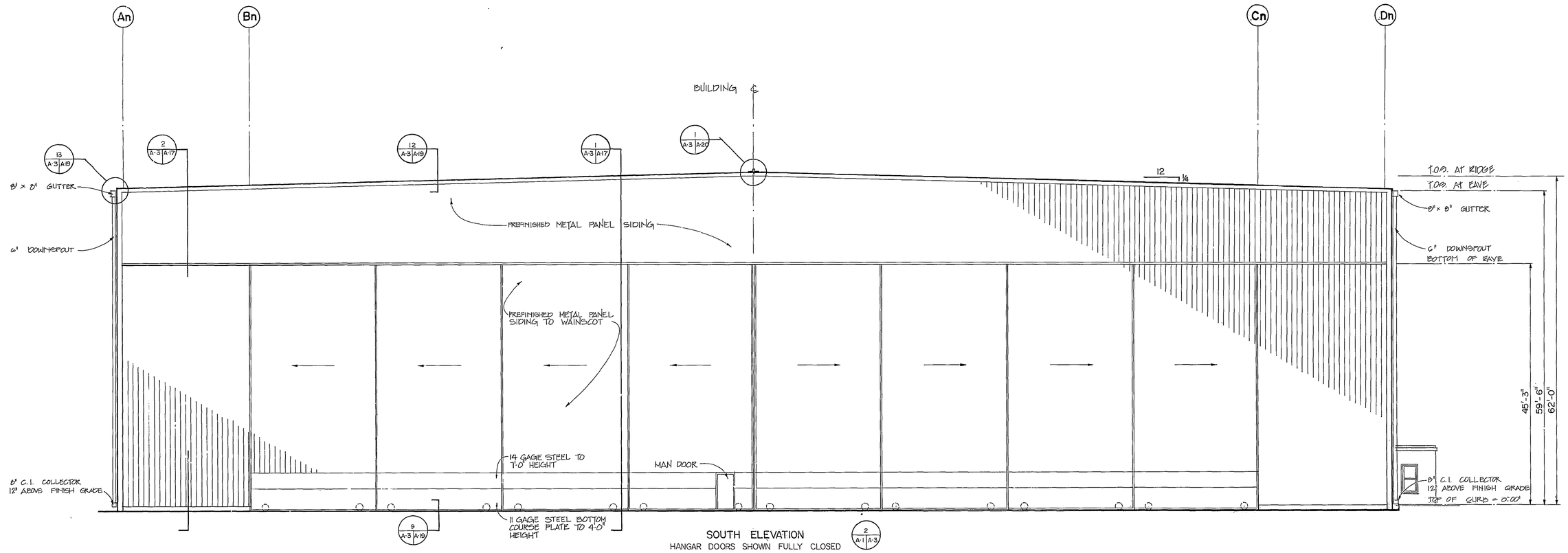
FORT STEWART BASE — GEORGIA

39-01-08	PLATE A-4
	SHEET 14

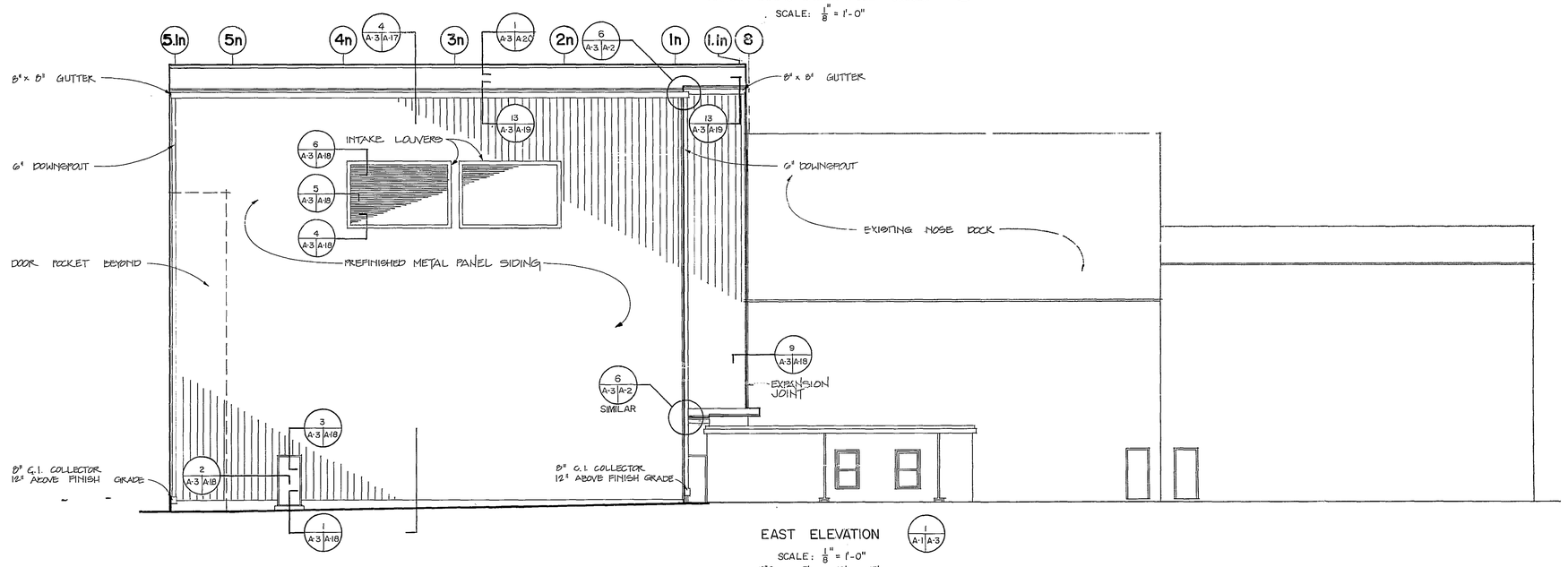
(14)

FORMAT 6

(14)



SOUTH ELEVATION
HANGAR DOORS SHOWN FULLY CLOSED
SCALE: 1/8" = 1'-0"



EAST ELEVATION
SCALE: 1/8" = 1'-0"
1 A-1 A-3

12' 0 5' 10' 15'

LEGEND

NEW STRUCTURE

EXISTING STRUCTURE

SYMBOL	ZONE	DESCRIPTION

REVISIONS

WURZ, WISECARVER & PRUETT
ARCHITECTS-ENGINEERS
ATLANTA GEORGIA

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

NOSE DOCK EMPENNAGE ENCLOSURE
BUILDING 44 EXTERIOR ELEVATIONS

ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO	DRAWING NO.	PLATE
	DACA21-85-B-0090	39-01-08	A-3

SHEET 13

13

FORMAT 6

(RED OVERLAY FOR BASIC IR. A-3)

13

AF 24369C

EXISTING NOSE DOCK WITH METAL ROOF

EXISTING OFFICES w/ BUILT-UP ROOFING

CONT. EXPANSION JOINT @ NEW WALL TO EXISTING ROOF - SEE 3 (A-2|A-9)

DOWNSPOUT

GUTTER

4 (A-2|A-16)

DOWNSPOUT

1n

1.1n

9'-6"

GUTTER

64'-6"

2 (A-2|A-9)

5n

5.1n

8'-8½"

DOWNSPOUT

1 (A-2|A-9)

STANDING SEAM METAL ROOF

PITCH 1/4" PER FOOT

PITCH 1/4" PER FOOT

METAL RIDGE CAP - SEE 1 (A-2|A-20)

℄ RIDGE

1 (A-2|A-9)

5 (A-2|A-9)

8" GUTTER

NEW LOW ROOF AREA

8" GUTTER @ LOW ROOF

41 (A-2|A-9)

6" LEADER

DOWNSPOUT

6 (A-2|A-2)

GUTTER

2 (A-2|A-9)

DOWNSPOUT

24'-2" | 95'-10" | 95'-10" | 24'-2"

240'-0"

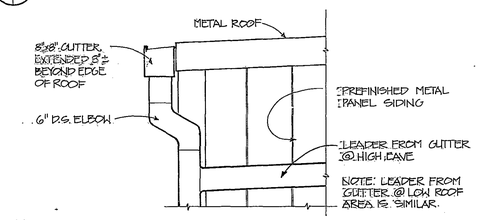
An Bn Cn Dn

ROOF PLAN

1 (A-2|A-3)

SCALE 1/8" = 1'-0"

12" 0' 5' 10' 15'



DETAIL-GUTTER & D.S. AT CORNER

6 (A-2|A-2) (A-3) (A-4)

BLDG. 44 ONLY

SCALE 3/4" = 1'-0"

12" 6" 0 1' 2'

ALL WORK SHOWN ON THIS SHEET IS NEW UNLESS OTHERWISE NOTED.

SYMBOL	ZONE	DESCRIPTION	DATE	BY

REVISIONS

WURZ, WISECARVER & PRUETT
ARCHITECTS · ENGINEERS
ATLANTA GEORGIA

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

NOSE DOCK EMPENNAGE ENCLOSURE

BUILDING 44 ROOF PLAN

ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA21-85-B-0090	39-01-08	A-2

SCALE: AS SHOWN SHEET 12

12

FORMAT 6

NOTE: ELEVATION SHOWS ENTIRE EXTERIOR OF EXISTING NOSE DOCK

NOTE: CONTRACTOR SHALL REMOVE AND RE-INSTALL ACOUSTICAL TILE LAY-IN CEILING PANELS AT OFFICE AREAS IN THE EXISTING NOSE DOCKS TO FACILITATE INSTALLATION OF THE OVERHEAD SPRINKLER SYSTEM. REFER TO SHEET M-12 FOR GLG. PLAN & SPRINKLER HEAD LOCATIONS.

EXISTING NOSE DOCK

EXISTING CONC PAVING TO REMAIN

NEW CONC FLOOR SLAB SEE NOTE 1.

12" x 12" TRENCH DRAIN

3'-0" x 4'-0" CONC STOOP

℄ OF INNER DOOR TRACK

℄ OF TRENCH DRAIN

SLOPE DN.

BUILDING ℄

24'-2" | 5'-4" | 90'-6" | 95'-10" | 191'-8" | 95'-10" | 24'-2"

240'-0"

64'-6" | 16'-1 1/2" | 16'-1 1/2" | 16'-1 1/2" | 16'-1 1/2" | 8'-8 1/2"

11'-0" | 1'-6"

GIRT LINE ABOVE LOW ROOF

NOTE: ① PAINTING OF CONCRETE MASONRY UNITS IS LIMITED TO THE AREA OF HANGAR DOOR REMOVAL AND ADJOINING VESTIBULE.

FLOOR PLAN NOTES:

1) EXISTING CONCRETE APRON AND RAMP PAVING TO BE REMOVED TO LIMITS INDICATED AND REPLACED WITH NEW CONCRETE FLOOR SLAB. REFER TO STRUCTURAL DRAWINGS FOR THICKNESSES, REINFORCING, SLOPES, ETC. OF NEW FLOOR SLABS.

2) CONSTRUCTION OF EMPENNAGE ENCLOSURE TO BE SYMMETRICAL ABOUT BUILDING CENTERLINE

PLAN

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

DETAIL - PLAN AT DOOR

LOW ROOF AREA

SCALE 1/2" = 1'-0"

6"x6" TUBE SECTION

EXISTING CONC. BLOCK WALL

SEALANT - TJD

SHEET METAL TRIM

H.M. DOOR FRAME

PREFINISED METAL SIDING PANEL, ABOVE

SHEET METAL TRIM & SEALANT - TJD

PREFINISHED METAL SIDING PANEL

CG

LEGEND

NEW STRUCTURE

EXISTING STRUCTURE

STRUCTURE TO BE REMOVED

DOOR SCHEDULE

MARK	TYPE	MAT'L DOOR	MAT'L FRAME	SIZE WIDTH	SIZE HEIGHT	SIZE THICK.	HRDWRE SET	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	REMS.
1	A	H.M.	H.M.	3'-0"	6'-8"	1 3/4"	2	3/A-18	2/A-18	1/A-18	
2	B	H.M	STL.	3'-0"	6'-8"	1 3/4"	1	BY HANGER DOOR MFGR.			
3	A	H.M.	H.M.	3'-0"	6'-8"	1 3/4"	2	3/A-18	2/A-16	1/A-18	
4	A	H.M.	H.M.	3'-0"	6'-8"	1 3/4"	2	3/A-18	2/A-18	1/A-18	

SYMBOL	ZONE	DESCRIPTION	DATE	BY
1	C-1	REVISED IN ACCORDANCE WITH AMENDMENT NO.0003	5 DEC 84	

REVISIONS

DESIGN	CHECK
W R P	J A W

PREPARED BY

PRINCIPAL OF FIRM

REVIEWED BY

PROJECT MANAGER

RECOMMENDED

CHIEF, ME PROGRAM & ARCHT BRANCH

DATE: 01 SEPT 83

WURZ, WISECARVER & PRUETT
ARCHITECTS-ENGINEERS
ATLANTA GEORGIA

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

NOSE DOCK EMPENNAGE ENCLOSURE

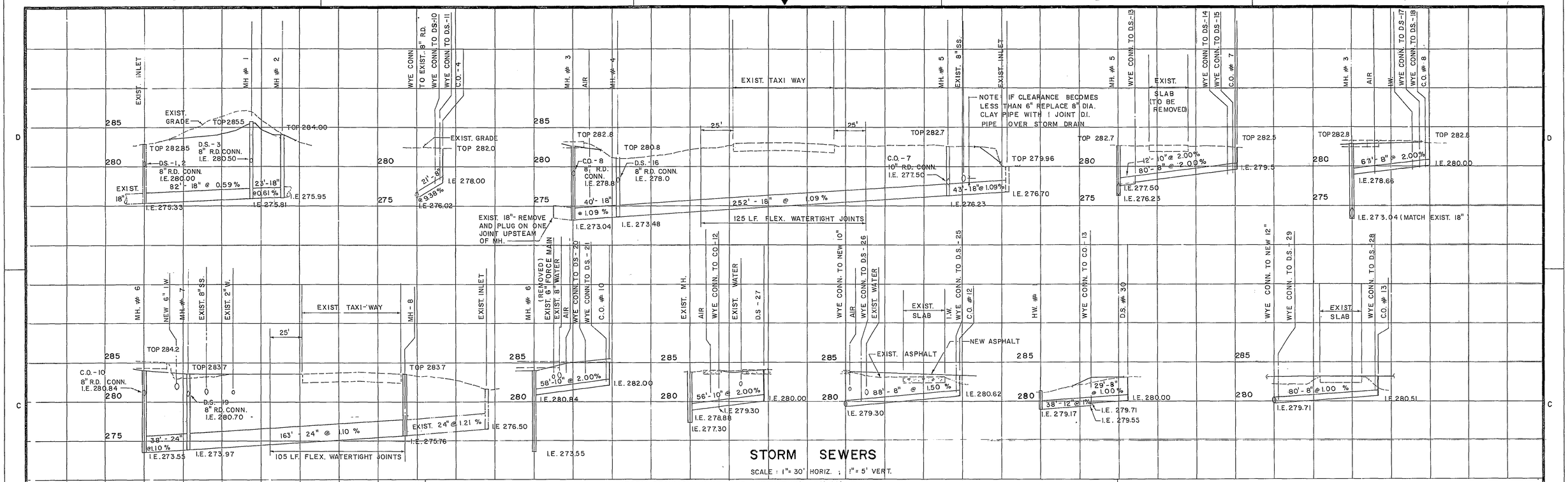
BUILDING 44 FLOOR PLAN

ROBINS AIR FORCE BASE GEORGIA

TYPE	INVITATION NO	DRAWING NO	PLATE
F	DACA21-85-B-0090	39-01-08	A-1

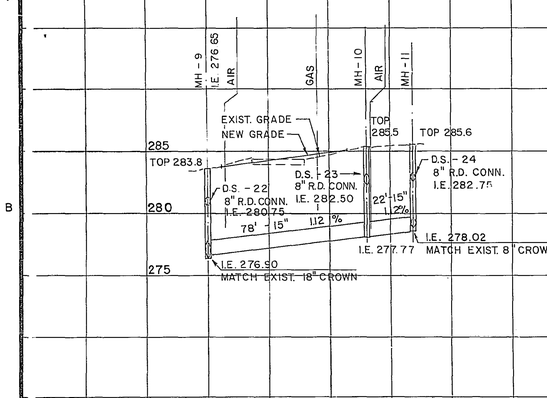
SCALE: AS SHOWN | SHEET 11

(BASIC SHEET A-1) (RED OVERLAY FOR BASIC & A-1)



STORM SEWERS

SCALE : 1" = 30' HORIZ. ; 1" = 5' VERT.

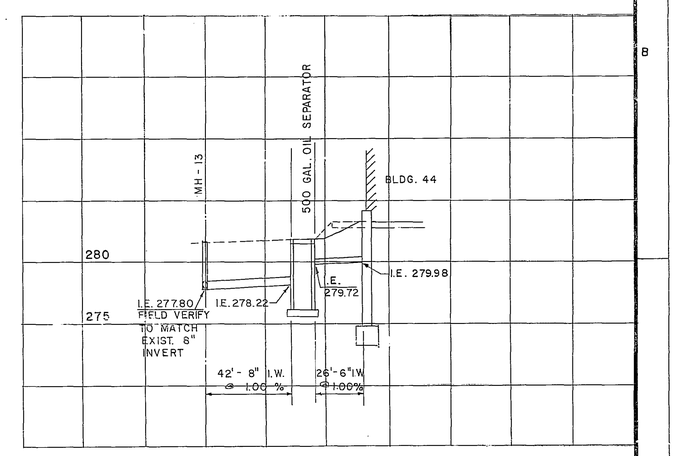


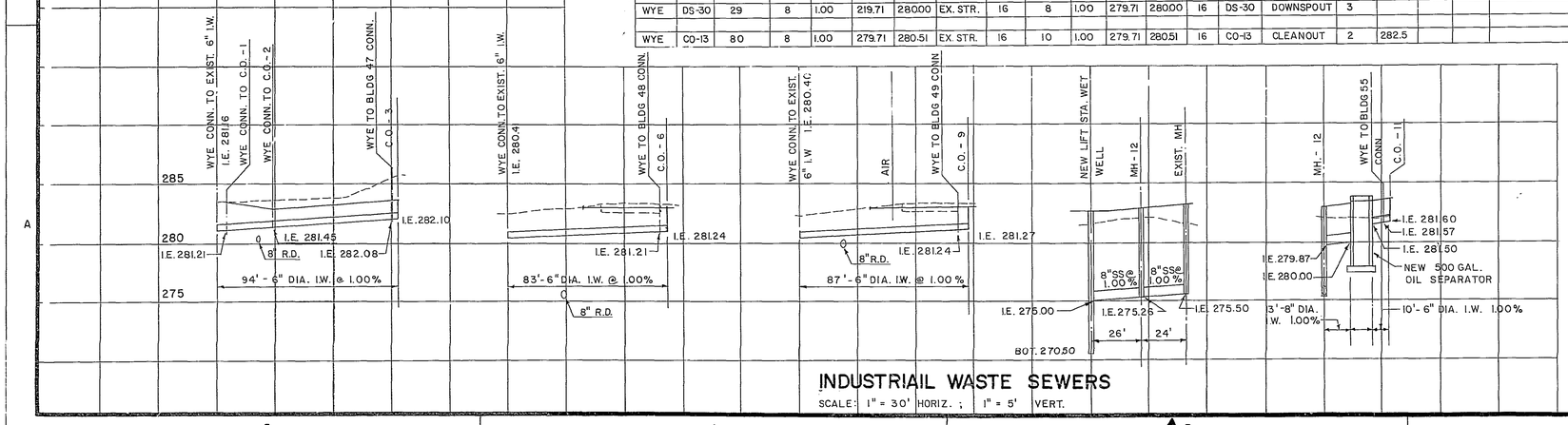
STORM DRAINAGE PIPE AND STRUCTURE SCHEDULE

STRUCTURE. FROM	STRUCTURE. TO	HORIZ. DISTANCE BETWEEN STRUCT. (IN FT.)	CONC., CLAY OR TYPE "E" C.M. PIPE: DIA. (INCHES)	SLOPE %	INVERT ELEV. DOWN-STREAM	INVERT ELEV. UP-STREAM	PIPE CLASS	GAGE C.M.	TYPE "A" C.M. PIPE: DIA. INCHES	SLOPE %	INVERT ELEV. DOWN-STREAM	INVERT ELEV. UP-STREAM	GAGE C.M.	STRUCTURE: NO.	TYPE OF STRUCTURE	DEPTH OF STR. (IN FEET)	TOP OF M.H. OR INLET	TYPE GRATE	NO. OF GRATES	REMARKS
EXIST	MH-1	82	18	0.59	275.33	275.81	III	16	24	0.59	275.33	275.81	16		EXISTING	7.5	282.8			GRATE INLET
MH-1	MH-2	23	18	0.61	275.81	275.95	III	16	24	0.61	275.81	275.95	16	MH-1	TYPE "A"	10.2	286.0			M.H. FRAME & COVER
														MH-2	TYPE "A"	8.0	284.0			
EXIST.	CO-4	21	8	9.38	276.02	278.00	EX. STR.	16	8	9.38	276.02	278.00	16	C.O.-4	CLEANOUT	4.0	282.0			
MH-3	MH-4	40	18	1.09	273.04	273.48	III	16	24	1.09	273.04	273.48	16	MH-3	TYPE "A"	9.8	282.8			MH FRAME & COVER
MH-4	MH-5	252	18	1.09	273.48	276.23	III		24	1.09	273.48	276.23	16	MH-4	TYPE "A"	7.3	280.8			MH FRAME & COVER
ACROSS TAXIWAY		125	18	1.09			IV							MH-5	TYPE "A"	6.5	282.7			MH FRAME & COVER
MH-5	EXIST.	43	18	1.09	276.23	276.70	III	16	24	1.09	276.23	276.70	16							
MH-5	WYE	12	10	2.00	277.50	277.74	EX. STR.	16	10	2.00	277.50	277.74	16	WYE						
WYE	C.O.-7	80	8	2.00	277.90	279.50	EX. STR.	16	10	2.00	277.90	279.34	16	CO.-7	CLEANOUT	3.0	282.5			
MH-3	C.O.-8	67	8	2.00	278.66	280.00	EX. STR.	16	10	2.00	278.50	279.84	16	C.O.-8	CLEANOUT	2.8	282.8			
MH-6	MH-7	38	24	1.10	273.55	273.97	III	16	30	0.85	273.55	273.87	16	MH-6	TYPE "A"	10.7	284.2			MH FRAME & COVER
MH-7	MH-8	163	24	1.10	273.97	275.76	III	16	30	0.85	273.47	275.26	16	MH-7	TYPE "A"	9.7	283.7			MH FRAME & COVER
ACROSS TAXIWAY		105	24	1.10			IV							MH-8	TYPE "A"	7.9	283.7			MH FRAME & COVER
MH-6	CO-10	58	10	2.00	280.84	282.00	EX. STR.	16	10	2.00	280.68	281.84	16	CO-10	CLEANOUT	3.5	285.5			
EXIST.	DS-27	56	10	2.00	278.88	279.30	EX. STR.	16	10	2.00	278.72	279.14	16	DS-27	DOWNSPOUT	4				
WYE	CO-12	88	8	1.50	279.30	280.62	EX. STR.	16	10	1.32	279.30	280.46	16	CO-12	CLEANOUT	2.9	283.5			
HW-1	WYE	38	12	1.00	279.17	279.55	EX. STR.	16	12	1.00	279.17	279.55	16	HW-1	HEADWALL					STRAIGHT HEADWALL
WYE	DS-30	29	8	1.00	219.71	280.00	EX. STR.	16	8	1.00	279.71	280.00	16	DS-30	DOWNSPOUT	3				
WYE	CO-13	80	8	1.00	279.71	280.51	EX. STR.	16	10	1.00	279.71	280.51	16	CO-13	CLEANOUT	2	282.5			

NOTES:

1. PIPE LENGTHS SHOWN ON PLANS OR IN TABLES ARE SCALED DISTANCES. ACTUAL LENGTHS OF PIPE NEEDED SHALL BE DETERMINED IN THE FIELD.
2. CLAY, OR NON-REINFORCED CONCRETE PIPE MUST MEET STRENGTH REQUIREMENTS FOR SAME SIZE OF REINFORCED CONCRETE PIPE.
3. PIPE-CLASS IS BASED ON A D-LOAD, AS APPLIED TO REINFORCED CONCRETE PIPE AND IS THE TEST LOAD IN POUNDS PER LINEAR FOOT PER FOOT OF DIAMETER TO PRODUCE ULTIMATE FAILURE.
4. THE TOP ELEVATION OF MANHOLES, INLETS AND GRATES MAY BE ADJUSTED AS APPROVED BY THE CONTRACTING OFFICER TO COINCIDE WITH FINAL FINISHED GRADES.
5. 8" DIA. EXTRA STRENGTH CONCRETE, CLAY OR 16 GA. C.M. PIPE SHALL BE USED FOR ROOF DRAIN DOWNSPOUT COLLECTORS.
6. STORM DRAINAGE PIPE MATERIAL SHALL BE REINFORCED CONCRETE OR CORRUGATED METAL OF THE CLASSES AND STRENGTHS SHOWN.





INDUSTRIAIL WASTE SEWERS

SCALE: 1" = 30' HORIZ. ; 1" = 5' VERT.

GRAPHIC SCALES

1" = 5' 5' 0' 5' 10'

1" = 30' 30' 0' 30' 60'

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

WURZ, WISECARVER & PRUETT
ARCHITECTS · ENGINEERS
ATLANTA GEORGIA.

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

NOSE DOCK EMPENNAGE ENCLOSURE

SEWER PROFILES

ROBINS AIR FORCE BASE GEORGIA

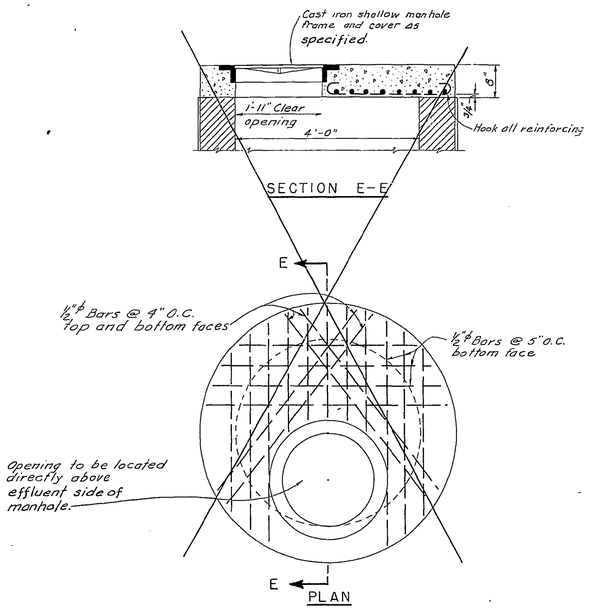
SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA 21-85-B-0090	39 - 01 - 08	P - 7

SCALE: AS SHOWN SHEET 10

10

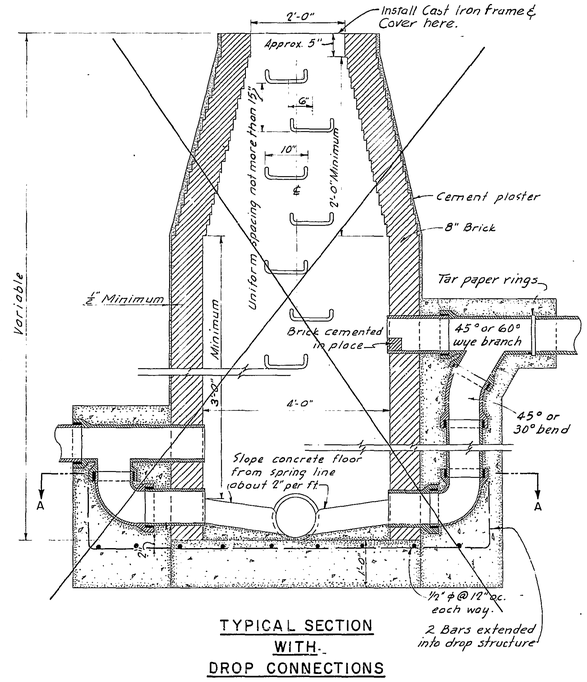
FORMAT 6

Notes:
1. Walls may be of other material than brick if and as included in the contract specifications.
2. Cast Iron Covers & Frames design is based on a wheel load of 16,000 lbs. plus 25% allowance for impact & the use of class 20 Cast Iron (Fed. Spec. QQ-I-652) other designs differing only in non-essential details & as approved by the Contracting Officer may be used. Weight shall not be less than 400 lbs.
3. A Reverse Wye Branch may be used in the drop connection in lieu of the std. shown in the Typical Section with Drop Connections.
4. Use 3/4" ϕ or 5/8" ϕ W.I. or Steel Rungs or Cast Iron Steps of approved design. Rungs or steps will not be required on manholes less than 12' deep.
5. When depth of manhole is less than 6'-0", the manhole shall be constructed with straight sides with inside diameter of 4'-0" and with shallow manhole top as shown in Section E-E.
6. Cover Frames shall be securely installed in a bed of cement mortar.
7. Pipe and pipe fittings for drop manhole connections shall be vitrified clay or concrete conforming to the requirements of the sewer specifications.
8. Walls to be 8" thick to 13 foot depth, walls to be increased to 12" thickness in sections below 13 foot depth.



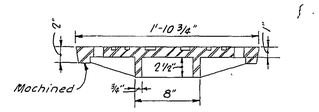
SHALLOW MANHOLE TOP SLAB

SCALE: 3/4 INCH = 1 FOOT



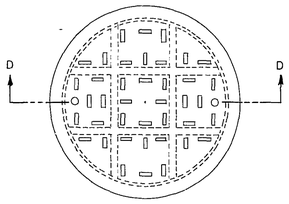
TYPICAL SECTION WITH DROP CONNECTIONS

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



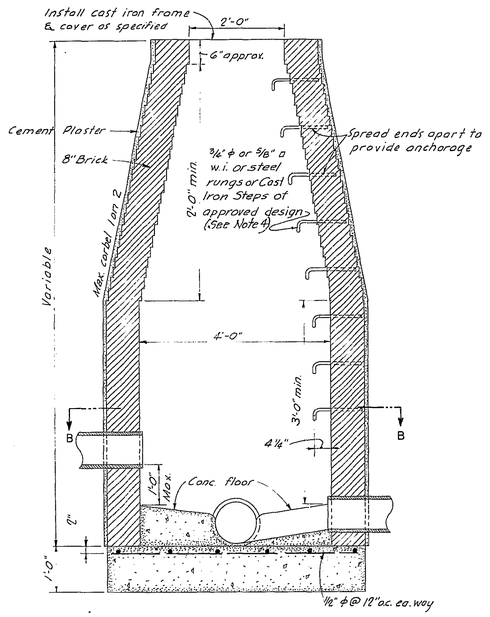
SECTION D-D

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



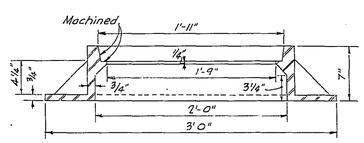
PLAN OF COVER

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



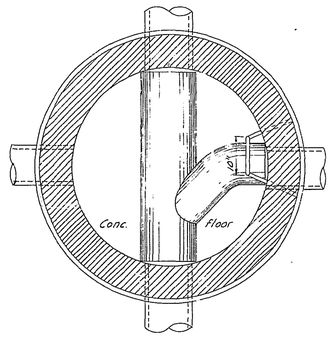
TYPICAL SECTION WITH USUAL CONNECTIONS

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

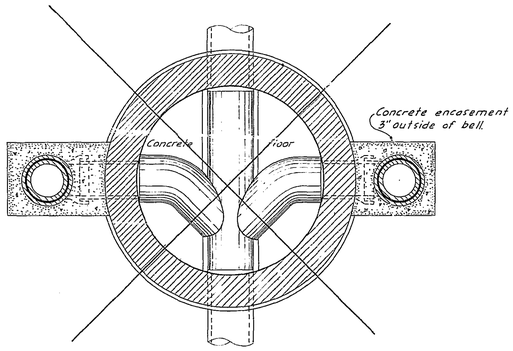


SECTION C-C

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

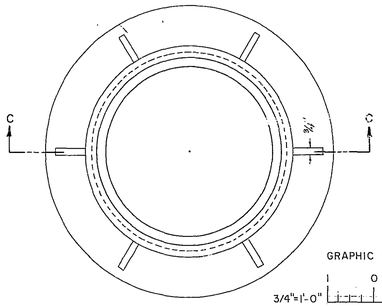


HORIZONTAL SECTION B-B



HORIZONTAL SECTION A-A

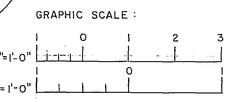
SCALE: 3/4" = 1'-0"



PLAN OF FRAME

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

GRAPHIC SCALE:



SANITARY SEWER MANHOLE DETAILS

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		ADAPTED BY HARTRAMPF/POWELL INC. AND ISSUED		
		BY SAVANNAH DISTRICT FOR ROBINS AFB UNDER		
1		INVITATION NO. DACA-21-84-B-0019		

REVISIONS

WURZ, WISECARVER & PRUETT ARCHITECTS · ENGINEERS ATLANTA GEORGIA

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

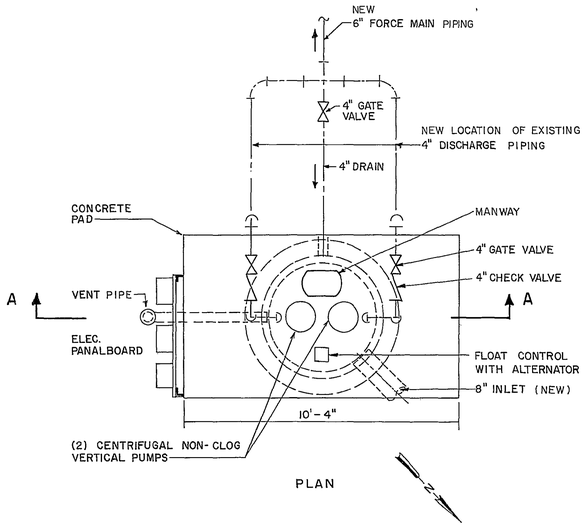
NOSE DOCK EMPENNAGE ENCLOSURE

SITE DETAILS

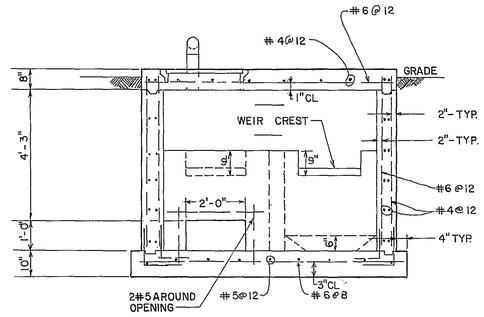
ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	FILE NO.	PLATE
F	DACA 21-85-B-0090	39 - 01 - 08	P-5

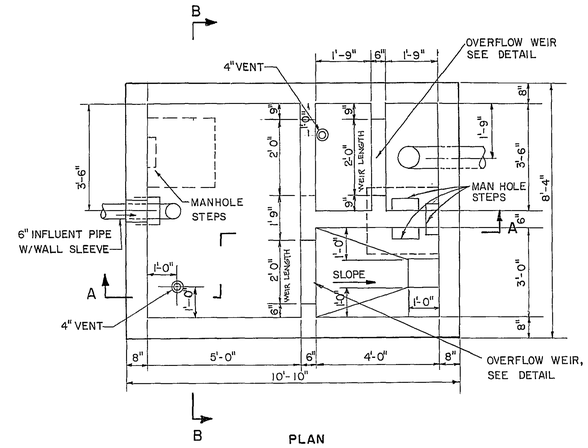
SCALE AS SHOWN SHEET 8



PLAN

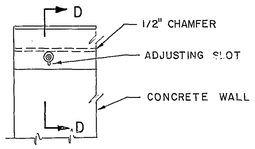


SECTION B-B
SCALE : 1/2" = 1'-0"

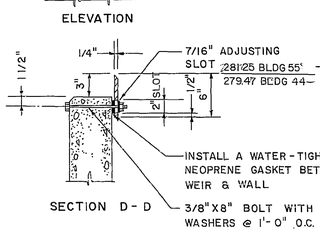


PLAN
SCALE : 1/2" = 1'-0"

NOTE:
WEIRS TOP SHALL BE LEVELED BEFORE TIGHTNING BOLTS

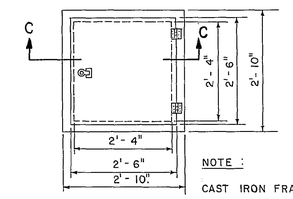


ELEVATION



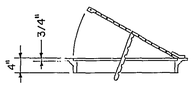
SECTION D-D

DETAIL - OVERFLOW WEIR INSTALLATION
SCALE : 1/2" = 1'-0"
DETAIL TYPICAL FOR BOTH WEIRS



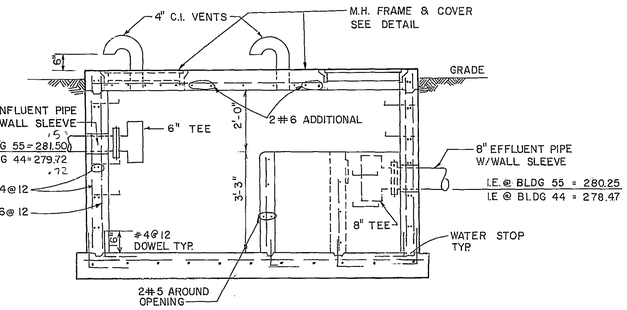
PLAN

NOTE :
CAST IRON FRAME & COVER TO HAVE A COMBINED WEIGHT OF NOT MORE THAN 250 LBS. COVER TO HINGED TYPE AND FURNISHED W/ADJUSTABLE RATCHET.



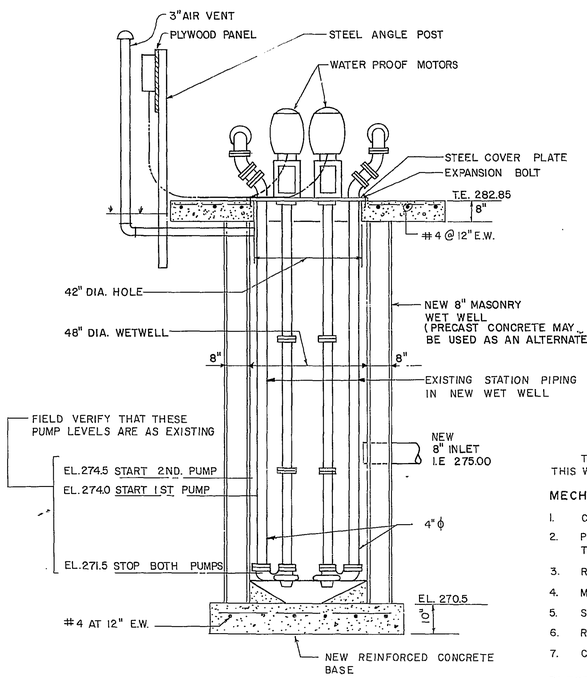
SECTION C-C

DETAIL - MANHOLE FRAME & COVER
SCALE : 3/4" = 1'-0"



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

CONSTRUCTION OF OIL SEPARATOR FOR BLDG. 55 AND BLDG 44 IS IDENTICAL EXCEPT FOR MINOR DIFFERENCES IN ELEVATION



SECTION A-A

SEWAGE LIFT STATION (1 / P-3 | P-2)
SCALE: 1/2"= 1'-0"

NOTE:
LIFT STATION DETAILS REFLECT THE EXISTING LIFT STATION EQUIPMENT INSTALLED IN A NEW LOCATION ON A NEW WET WELL.

REFER TO PLATE P-2 FOR EXACT LOCATION OF LIFT STATION AND TO PROCEDURES ON THIS PLATE FOR RELOCATION INSTRUCTIONS.

ALL EXISTING EQUIPMENT (I.E. PUMPS, MOTORS, CONTROLS, AND STATION PIPING) SHALL BE REMOVED FROM THE EXISTING LOCATION AND INSTALLED IN THE NEW LOCATION IN SAME CONDITION

PROCEDURE FOR RELOCATION OF EXSTING LIFT STATION

THESE NOTES DESCRIBE GENERALLY THE PROCESS FOR REMOVAL AND RELOCATION OF EXISTING LIFT STATION PRIOR TO THIS WORK, THE CONTRACTOR SHALL SUBMITT A DETAILED SCHEDULE OR PLAN TO THE CONTRACTING OFFICER FOR APPROVAL.

MECHANICAL

1. CONSTRUCT NEW WET WELL, FORCE MAIN GRAVITY SEWER LINE AND MANHOLES ROUGH GRADE NEW LIFT STATION SITE.
2. PROVIDE TEMPORARY PUMPS, CAPABLE OF MEETING THE PRESENT HEAD-CAPACITY REQUIREMENTS. CONNECT PUMP DISCHARGE TEMPORARILY TO EXISTING FORCE MAIN. PROVIDE TEMPORARY POWER FOR PUMPS.
3. REMOVE EXISTING PUMPS, CONTROLS, AND STATION PIPING, AND INSTALL AT NEW WET WELL.
4. MAKE ALL NECESSARY PIPE CONNECTIONS TO ACTIVATE NEW STATION.
5. START UP PUMPS AT NEW STATION.
6. REMOVE TEMPORARY PUMPS AND DEMOLISH EXISTING WET WELL.
7. COMPLETE FINISH GRADING AFTER CONSTRUCTION OF OIL SEPARATOR AND INSTALL SECURITY FENCE.

ELECTRICAL

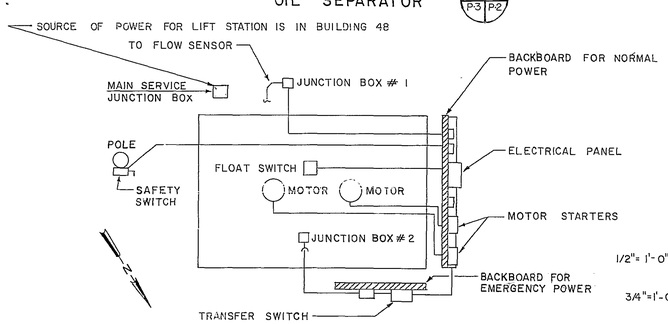
1. PROVIDE TEMPORARY POWER FOR TEMPORARY PUMPS.
2. THE CONTRACTOR SHALL RELOCATE THE NORMAL AND EMERGENCY POWER BACKBOARDS TO THE NEW LIFT STATION LOCATION. THE BACKBOARDS SHALL BE ORIENTATED SO ALL CONNECTIONS TO EQUIPMENT CAN BE REUSED.
3. PROVIDE A NEW 4-#2 THW CU. CONDUCTOR IN 1 1/2" R.S. CONDUIT INSTALLED UNDER GRADE FROM EXISTING MAIN SERVICE JUNCTION BOX TO THE NEW ELECTRICAL PANEL'S LOCATION.
4. PROVIDE A NEW 4-#8 THW CU. CONDUCTOR IN 1" R.S. CONDUIT INSTALLED UNDER GRADE FROM THE EXISTING SAFETY SWITCH MOUNTED ON THE POLE TO THE NEW ELECTRICAL PANEL'S LOCATION.
5. AFTER ALL ELECTRICAL EQUIPMENT IS RELOCATED THE CONTRACTOR SHALL RECONNECT ALL EQUIPMENT AS BEFORE.

TESTING

1. PROVIDE TEST NECESSARY TO INSURE THAT REINSTALLED PUMPS MATCH EXISTING PREFORMANCE REQUIREMENTS AND THAT ALL EQUIPMENT, CONTROLS, VALVES, ETC ARE OPERATING PROPERLY.

NOTE:
ALL WORK ON THIS SHEET IS NEW WORK

OIL SEPARATOR (1 / P-3 | P-2)



GRAPHIC SCALE :
1/2"= 1'-0" 1 0 1 2 3 4 5
3/4"=1'-0" 1 0 1 2 3

LIFT STATION ELECTRICAL RELOCATION PLAN
NO SCALE
NOTE : THIS PLAN DEPICTS THE LIFT STATION EQUIPMENT AS IT EXIST BEFORE RELOCATION.

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

WURZ, WISECARVER & PRUETT ARCHITECTS · ENGINEERS ATLANTA GEORGIA

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

NOSE DOCK EMPENNAGE ENCLOSURE

SITE DETAILS

ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	DRAWING NO.	PLATE
F	DACA-21-85-B-0090	39 - 01 - 08	P-3

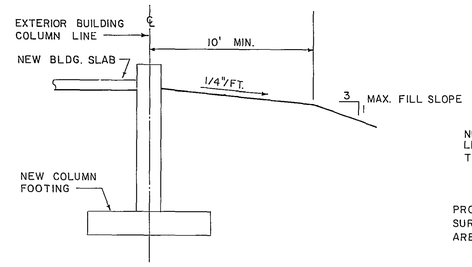
SCALE: AS SHOWN SHEET 6

6

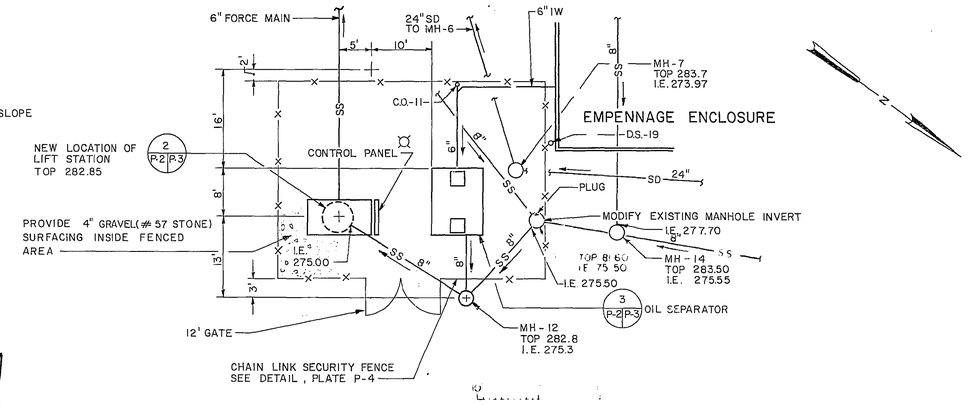
FORMAT 6

ELECTRICAL NOTES

1. 12.47 KV PRIM. Δ, 480Y /277 V. SECONDARY 500 KVA MINERAL OIL TRANSFORMER SHALL HAVE THE FOLLOWING EQUIPMENT: LOAD BREAK PRIMARY VOLTAGE SWITCH, EXTERNAL TAP CHANGERS, PULSE INITIATING KILOWATT HOUR DEMAND METER COMPATABLE WITH THE EXISTING EMCS (ENERGY MANAGEMENT CONTROL SYSTEM), POWER AND CURRENT TRANSFORMERS AS REQUIRED BY NECESSARY METERS, LIGHTNING ARRESTORS ON TRANSFORMER PRIMARY, SECONDARY PROTECTION, AND OTHER ITEMS COVERED IN SPECIFICATIONS
2. PROVIDE DISTRIBUTION SURGE ARRESTORS AND MOUNTING HARDWARE ON POLE.
3. PROVIDE 100 AMP., 15 KV DROP LINK FUSED CUTOUTS AND MOUNTING HARDWARE ON POLE. FUSE AT 32 AMPS.
4. SEE PLATE E-22 FOR POLE DETAILS
5. PROVIDE A POTHEAD AT THE END OF THE UNDERGROUND CONDUIT LOCATED HIGH ON THE POLE. POTHEAD SHALL BE MOUNTED AS CLOSE TO THE AERIAL TO TERMINATOR AS POSSIBLE.
6. SEE PLATE E-4 FOR ELECTRICAL DETAILS



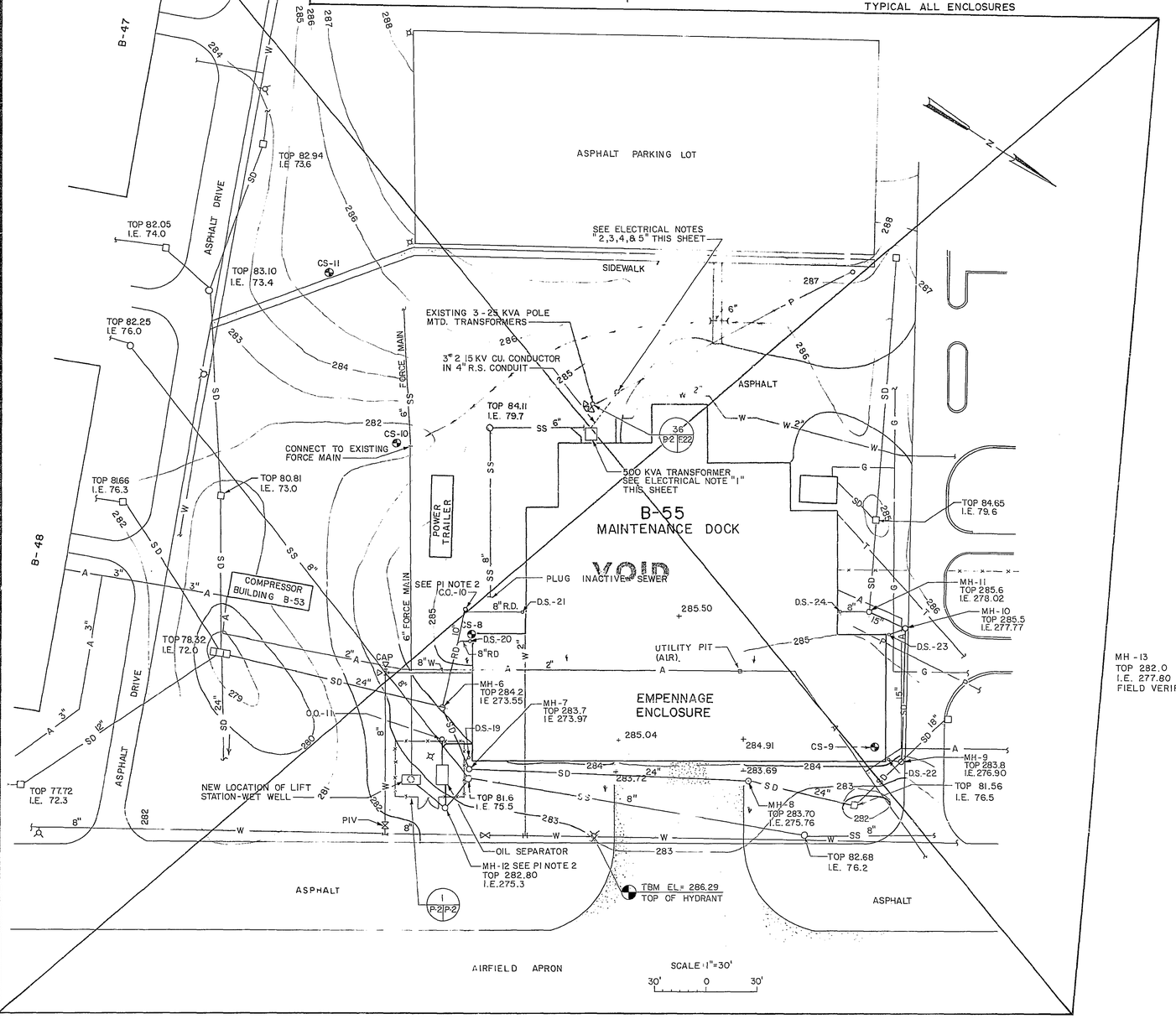
SECTION 1 (P-1 | P-2)
NOT TO SCALE
TYPICAL ALL ENCLOSURES

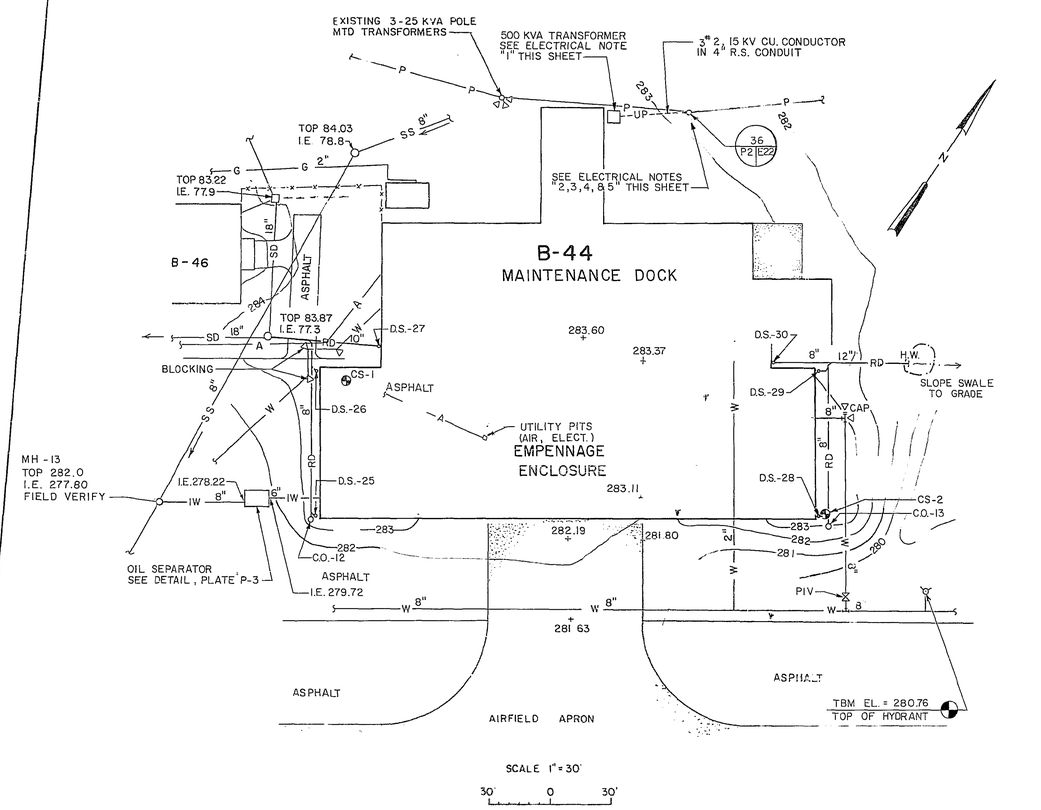


DETAIL 1 (P-2 | P-2)
SCALE: 1" = 10'-0"

GENERAL NOTES

1. REFER TO PLATE P-1 FOR LEGEND AND GENERAL NOTES.
2. SEE APPENDIX A OF SPECIFICATIONS FOR COMPLETE LOGS OF BORINGS
3. RELOCATE EXISTING LIFT STATION PUMPS AS SHOWN. SEE PLATE P-3 FOR SPECIFIC INSTRUCTIONS.





SYMBOL	ZONE	DESCRIPTION	DATE	BY
		REVISIONS		

WURZ, WISECARVER & PRUETT
ARCHITECTS ENGINEERS
ATLANTA GEORGIA

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

NOSE DOCK EMPENNAGE ENCLOSURE
SITE PREPARATION PLAN
BUILDING 44
ROBINS AIR FORCE BASE GEORGIA

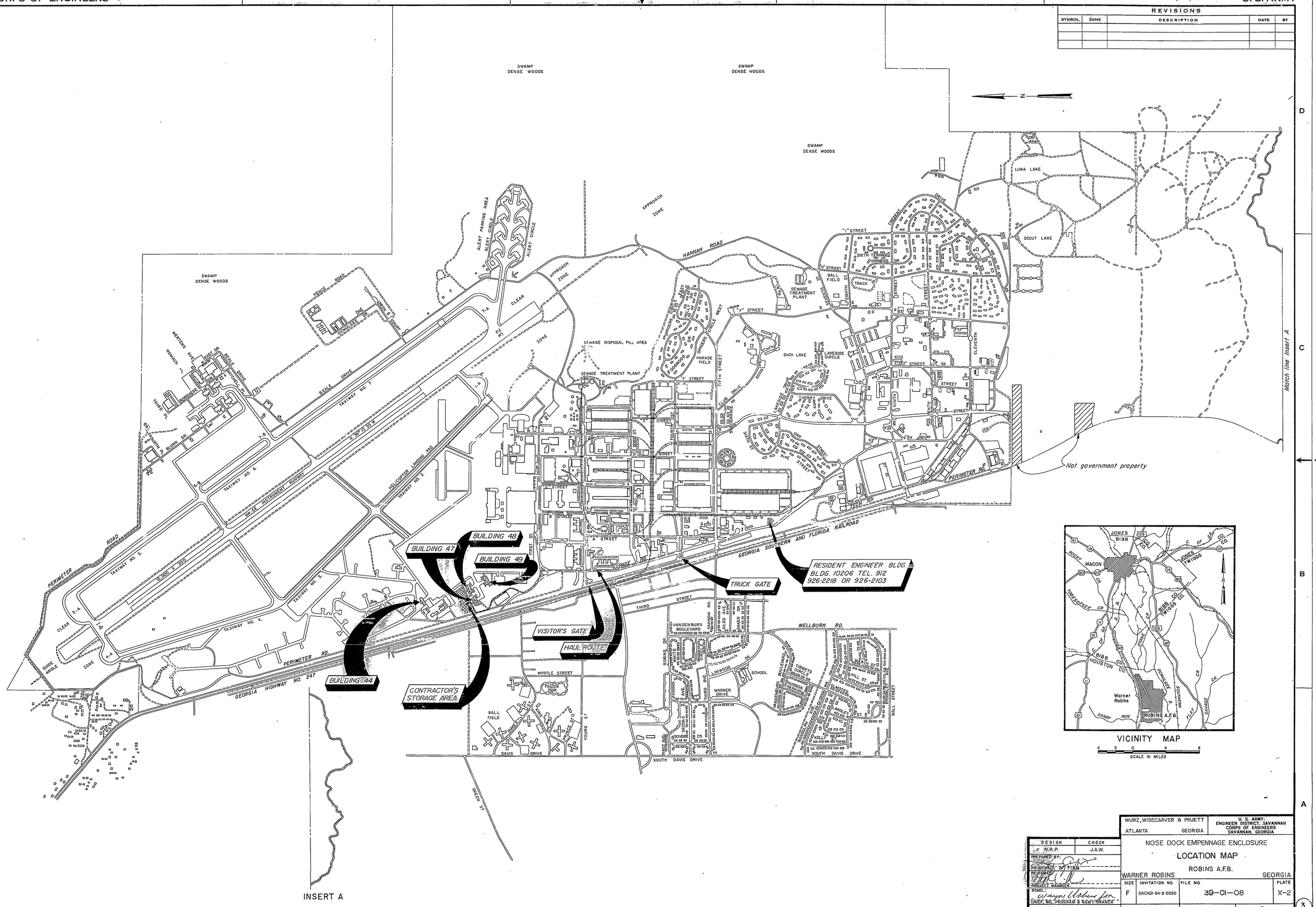
SIZE	INVITATION NO	DRAWING NO	PLATE
F	DACA 21-85-B 0090	39 - 01 - 08	P-2
SCALE AS SHOWN			SHEET 5

BASIC SHEET (RED OVERLAY FOR BASIC R. P-2)

FORMAT E

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

REVISIONS				
SYMBOL	ZONE	DESCRIPTION	DATE	BY



VICINITY MAP

4 2 0 4 8
SCALE IN MILES

DESIGN	CHECK
W.R.R.	J.A.W.

PREPARED BY:
PRINCIPAL OF FIRM
REVIEWED:
PROJECT MANAGER
RCMD.:
CHIEF, MIL. PROGRAM & MGMT. BRANCH
DATE: 01 SEPT. 83

WURZ, WISECARVER & PRUETT
ATLANTA GEORGIA

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

NOSE DOCK EMPENNAGE ENCLOSURE

LOCATION MAP

ROBINS A.F.B.

WARNER ROBINS GEORGIA

SIZE	INVITATION NO.	FILE NO.	PLATE
F	DACA21-84-B-0090	39-01-08	X-2

SCALE: AS SHOWN | SHEET 3

3

Dietzgen N. O. UC4 "Cronaflex" Film
REYNAGA 112

INDEX OF DRAWINGS

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X—2	3	39-01-08	LOCATION MAP
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P—2	5	39-01-08	BLDG 44 — SITE PREPARATION PLAN
P—3	6	39-01-08	SITE DETAILS
P—4	7	39-01-08	FENCE & DETAILS
P—5	8	39-01-08	SITE DETAILS
P—6	9	39-01-08	SITE DETAILS
P—7	10	39-01-08	SEWER PROFILES
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A—4	14	39-01-08	BLDG.44—EXTERIOR ELEVATIONS
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~~A—6~~	~~16~~	~~39-01-08~~	~~BLDG.55—ROOF PLAN~~ DELETED
~~A—7~~	~~17~~	~~39-01-08~~	~~BLDG.55—EXTERIOR ELEVATIONS~~ DELETED
~~A—8~~	~~18~~	~~39-01-08~~	~~BLDG.55—EXTERIOR ELEVATIONS~~ DELETED
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~~S—4~~	~~34~~	~~39-01-08~~	~~BLDG.55—ROOF FRAMING PLAN~~ DELETED
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~~M—15~~	~~68~~	~~39-01-08~~	~~BLDG.55—FIRE PROTECTION~~ DELETED
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M—17	70	39-01-08	BLDG.47—FIRE PROTECTION
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~~E—6~~	~~83~~	~~39-01-08~~	~~BLDG.55—POWER & LIGHTING~~ DELETED
~~E—7~~	~~84~~	~~39-01-08~~	~~BLDG.55—LIGHTNING PROTECTION~~ DELETED
~~E—8~~	~~85~~	~~39-01-08~~	~~BLDG.55—ELECTRICAL DIAGRAMS~~ DELETED
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E—14	91	39-01-08	BLDG.48—POWER & LIGHTING
E—15	92	39-01-08	BLDG.48—LIGHTNING PROTECTION
E—16	93	39-01-08	BLDG.48—ELECTRICAL DIAGRAMS
E—17	94	39-01-08	BLDG.49—POWER & LIGHTING
E—18	95	39-01-08	BLDG.49—POWER & LIGHTING
E—19	96	39-01-08	BLDG.49—LIGHTNING PROTECTION
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E—22	99	39-01-08	ELECTRICAL DETAILS

STANDARD ABBREVIATIONS

A

A.F.F.	ABOVE FINISH FLOOR
A.C.	AIR CONDITIONED
A.D.	AREA DRAIN
A.H.U.	AIR HANDLING UNIT
ALT.	ALTERNATE
ALUM.	ALUMINUM
AMP., A.	AMPERES
A.O.	ACCESS OPENING
APPROX.	APPROXIMATELY
ARCH.	ARCHITECTURAL
A.T.	ASPHALT TILE
A.T.C.	ACOUSTIC TILE CEILING

B

BAL.	BALANCE
BD.	BOARD
BLDG.	BUILDING
BLK.	BLANK
BM.	BEAM
BOT.	BOTTOM
BRG.	BEARING
B.T.U.H.	BRITISH THERMO UNIT/HR.

C

CAB.	CABINET
CAP.	CAPACITY
C/B	CIRCUIT BREAKER
C.D.	CEILING DIFFUSER
CEM.	CEMENT
CER.	CERAMIC
C.F.M.	CUBIC FEET/MINUTE
CIRC.	CIRCULATING
C.J.	CONTROL JOINT
CK'D	CHECKERED
CKT.	CIRCUIT
℄	CENTER LINE
CEIL.	CEILING
CL.	CLOSET
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
COL.	COLUMN
CONC.	CONCRETE
COND.	CONDENSATE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR. JT.	CONTRACTION JOINT
C.T.	CERAMIC TILE
C.T.B.	CERAMIC TILE BASE
C. TO C.	CENTER TO CENTER

D

DET.	DETAIL
DIA.	DIAMETER
DIFF.	DIFFUSER
DIM.	DIMENSION
DISC.	DISCONNECT
D.J.	DUMMY JOINT
DN.	DOWN
DR.	DRAIN
D.S.	DOWN SPOUT
DWG.(S)	DRAWING(S)

E

EA.	EACH
E.C.	EMPTY CONDUIT
E.F.	EXHAUST FAN
EL.	ELEVATION
ELEC.	ELECTRIC
EQUIP.	EQUIPMENT
E.W.C.	ELECTRIC WATER COOLER
EXH.	EXHAUST
EXP. JT.	EXPANSION JOINT
EXT.	EXTERIOR
EXIST.	EXISTING

F

F.A.	FIRE ALARM
F.C.	FLEXIBLE CONNECTION
F.D.	FLOOR DRAIN
F.E.C.	FIRE EXTINGUISHER CABINET
FIN.	FINISH
FL.	FLOOR
FT.	FOOT-FEET
FTG.	FOOTING

G

GA.	GAGE
GAL.	GALLON
GALV.	GALVANIZED
G.F.E.	GOVERNMENT FURNISHED EQUIPMENT
G.L.	GLASS
GND.	GROUND
GOV'T	GOVERNMENT
G.P.H.	GALLONS/HR.
G.P.M.	GALLONS/MIN.
GR.	GRILLE
G.W.B.	GYPSUM WALL BOARD
GYP.	GYPSUM

H

H.	HIGH
H.B.	HOSE BIBB
H.C.	HOLLOW CORE
HT.	HEIGHT
H M.	HOLLOW METAL
H.P.	HORSE POWER
HR.	HOUR
HTG.	HEATING
HTR.	HEATER
H.&V.	HEATING & VENTILATING
HW.	HARDWARE
HYD.	HYDRANT

I

I.D.	INSIDE DIAMETER
I.E.	INVERT
IN.	INCHES
INCAND.	INCANDESCENT
INSUL.	INSULATION
INT.	INTERIOR

J

J.B.	JUNCTION BOX
JCT.	JUNCTION
JT.	JOINT

K

KVA	KILOVOLT AMPERE
KW	KILOWATT

L

LB.#	POUND
LG.	LONG
L.P.	LIGHTING PANEL
LTG.	LIGHTING

M

M.	MOTOR
MAINT.	MAINTENANCE
MAX.	MAXIMUM
M.D.P.	MAIN DISTRIBUTION PANEL
MECH.	MECHANICAL
MTL.	METAL
MIN.	MINIMUM
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
M.T.	METAL THRESHOLD
MTD.	MOUNTED
MTG.	MOUNTING
M.V.	MECHANICAL VENTILATION
M.G.T.	MATT GLAZE TILE

N

N.A.	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
NO.	NUMBER

O

O.A.	OUTDOOR AIR
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.H.	OVERHEAD
OL.	OVERLOAD
OPNG.	OPENING
OPP.	OPPOSITE
O.S.D.	OPEN SIGHT DRAIN

P

P.	PAPER
PART.	PARTITION
PER.	PERIMETER
PL, PL.	PLATE
PLBG.	PLUMBING
PLYW'D	PLYWOOD
PNL.	PANEL
PRESS.	PRESSURE
PSF	POUNDS/SQUARE FOOT
PSI	POUNDS/SQUARE INCH
PSIG	POUNDS/SQUARE INCH GAGE
PT.	POINT
PTD.	PAINTED

Q

QTR.	QUARTER
QUAN.	QUANTITY

R

R.	RISER
R.A.	RETURN AIR
RAD.	RADIUS
RD.	ROUND
REC'D	RECESSED
RECIRC.	RECIRCULATING
RECP.	RECEPTACLE
REG.	REGISTER
REINF.	REINFORCING
REQ.	REQUIRED
RET.	RETURN
R.G.	RETURN GRILLE
RM.	ROOM
R.P.M.	REVOLUTION/MINUTE

S

S.	SUPPLY
S.A.	SUPPLY AIR
SCH.	SCHEDULE
SECT.	SECTION
SERV.	SERVICE
SHT.	SHEET
S.J.	SLIP JOINT
SPEC.	SPECIFICATIONS
SQ.FT.	SQUARE FEET
ST.	STEEL
STOR.	STORAGE
STRUC.	STRUCTURAL
SUSP.	SUSPENDED
SW.	SWITCH

T

T.	TOILET
TEL.	TELEPHONE
TEMP.	TEMPERATURE
THK.	THICKNESS
THD.	THRESHOLD
T.O.C.	TOP OF CURB
TOIL.	TOILET
TYP.	TYPICAL

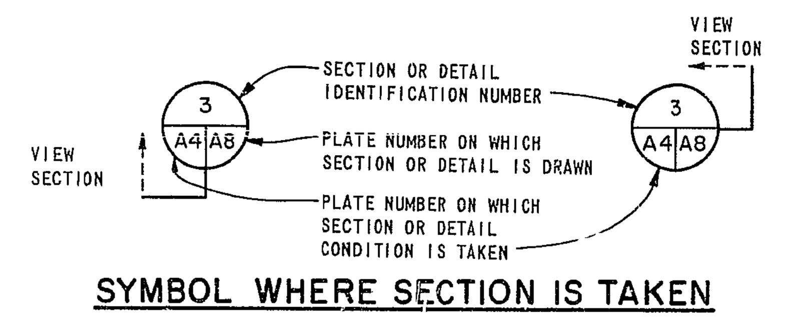
V

V.	VOLT
V.A.T.	VINYL ASBESTOS TILE
VENT.	VENTILATION
VERT.	VERTICAL
VTR	VENT THRU ROOF

W

W.	WATT
W/	WITH
WD.	WOOD
W.D.	WINDOW DIMENSION
WF	WIDE FLANGE
W.G.	WATER GAGE
WP.	WEATHERPROOF
WTR.	WATER
W.W.F.	WELDED WIRE FABRIC

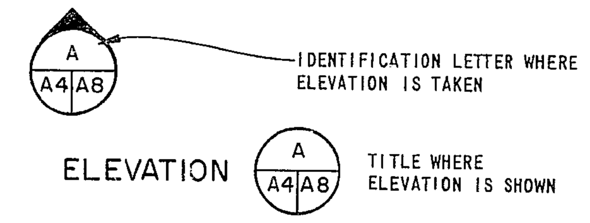
SECTION SYMBOLS



SYMBOL WHERE SECTION IS TAKEN

SECTION/DETAIL (3 / A4 A8)

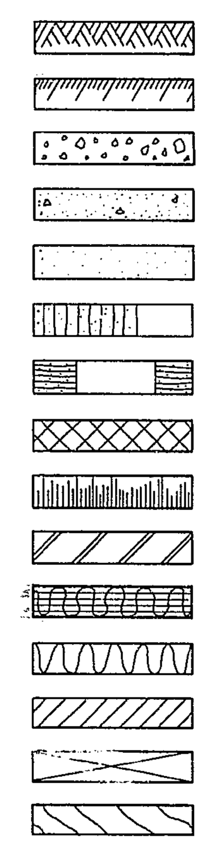
TITLE WHERE SECTION IS DRAWN



ELEVATION (A / A4 A8) TITLE WHERE ELEVATION IS SHOWN

ELEVATION SYMBOL

MATERIAL INDICATIONS



- EARTH (ORIGINAL GRADE)
- EARTH (COMPACTED FILL)
- GRAVEL
- CONCRETE
- MORTAR - CEMENT - PLASTER - STUCCO
- CONCRETE MASONRY UNITS (C.M.U., SMALL SCALE - PLAN)
- CONCRETE MASONRY UNITS (C.M.U., LARGE SCALE - SECTION)
- CONCRETE MASONRY UNITS OR HOLLOW TILE (SMALL SCALE - SECTION)
- METAL (ELEVATION)
- STEEL (CROSS SECTION)
- INSULATION (RIGID)
- INSULATION (LOOSE OR BATT)
- BRICK
- WOOD (BLOCKING)
- WOOD (FINISH)

FINISH SCHEDULE

SURFACE	MATERIAL	COLOR	REMARKS
FLOOR	CONCRETE	—	
WALLS	METAL LINER PANEL	27780(W)	TO 10'-0" AFF, FACTORY FINSHED, NOTE (2).
	EXPOSED RIGID INSUL.	WHITE	ABOVE 10'-0", VINYL FACING.
	CONCRETE BLOCK	27780(W)	BLDG.44 ONLY
CEILING	EXPOSED RIGID INSUL.	WHITE	VINYL FACING
EXPOSED STRUCT.	——	36492(G)	SHOP APPLIED FINISH, NOTE (2), FIELD TOUCH-UP.
MISC. TRIM, DOORS & FRAMES	——	25190 (B)	FIELD APPLIED
HANGAR DOORS—INTERIOR	S.M. WAINSCOT	27780(W)	TO 7'-0"± AFF, FIELD APPLIED.
	EXPOSED RIGID INSUL.	WHITE	ABOVE 7'-0"± AFF, VINYL BACKING
EXTERIOR WALLS	METAL PANEL SIDING	27780(W)	FACTORY FINISHED (2)
HANGAR DOORS—EXTERIOR	S.M. WAINSCOT	25190 (B)	TO 7'-0"± AFF, FIELD APPLIED
	METAL PANEL SIDING	25190(B)	ABOVE 7'-0" AFF, FACTORY FINISH

(W)—WHITE (G)—GRAY (B)—BLUE

NOTES: (1) COLOR NUMBERS ARE FROM FEDERAL STANDARD 595A.
(2) FACTORY & SHOP APPLIED FINISHES SHALL BE MANUFACTURER'S STANDARD COLORS AS APPROVED BY THE CONTRACTING OFFICER.

SYMBOL	ZONE	DESCRIPTION	DATE	BY

REVISIONS

DSGN: W.R.P. CHK: J.A.W.

PREPARED BY: [signature]
PRINCIPAL OF FIRM

RECOMMENDED: Wayne Adkins for
CHIEF, MIL. PROGRAM & MGMT. BRANCH

APPROVAL RECOMMENDED: [signature]
CHIEF, ENGINEERING DIVISION

APPROVED: Charles C. [signature]
COL., C.OF E., DISTRICT ENGINEER

DATE: 01 SEPT. 83

WURZ, WISECARVER & PRUETT
ARCHITECTS·ENGINEERS
ATLANTA GEORGIA

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

NOSE DOCK EMPENNAGE ENCLOSURE

INDEX OF DRAWINGS

ROBINS AIR FORCE BASE GEORGIA

SIZE	INVITATION NO.	FILE NO.	PLATE
F	DACA21-85-B-0090	39-01-08	X-1

SCALE: NONE | SHEET 2 OF 99

(2)

NOSE DOCK EMPENNAGE ENCLOSURE

ROBINS AIR FORCE BASE

WARNER ROBINS GEORGIA

U. S. ARMY ENGINEER DISTRICT, SAVANNAH

CORPS OF ENGINEERS

SAVANNAH , GEORGIA

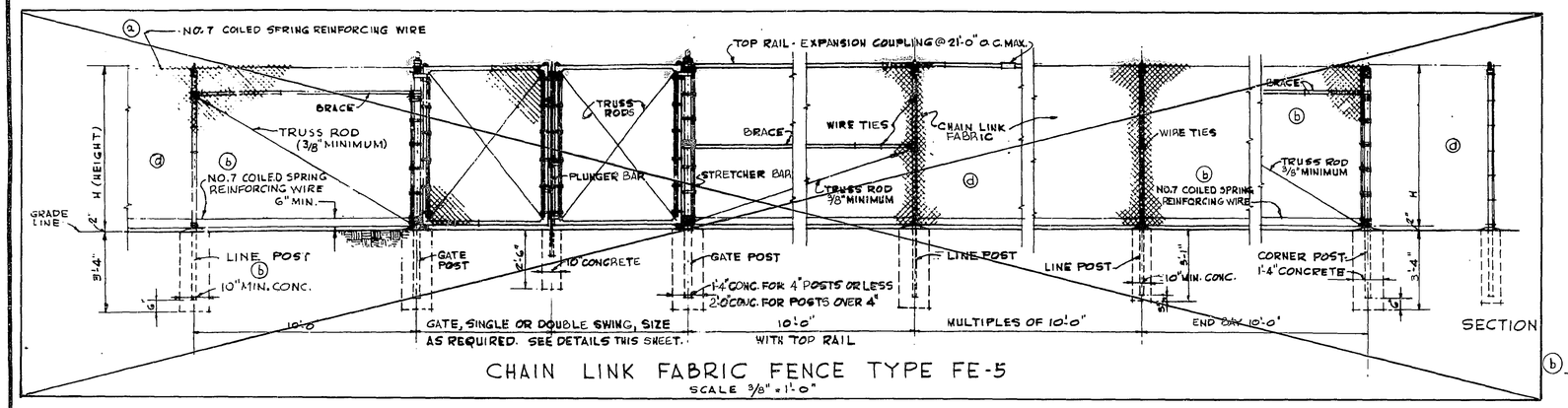
200 EAST ST. JULIAN STREET

SAVANNAH , GEORGIA

WURZ, WISECARVER & PRUETT

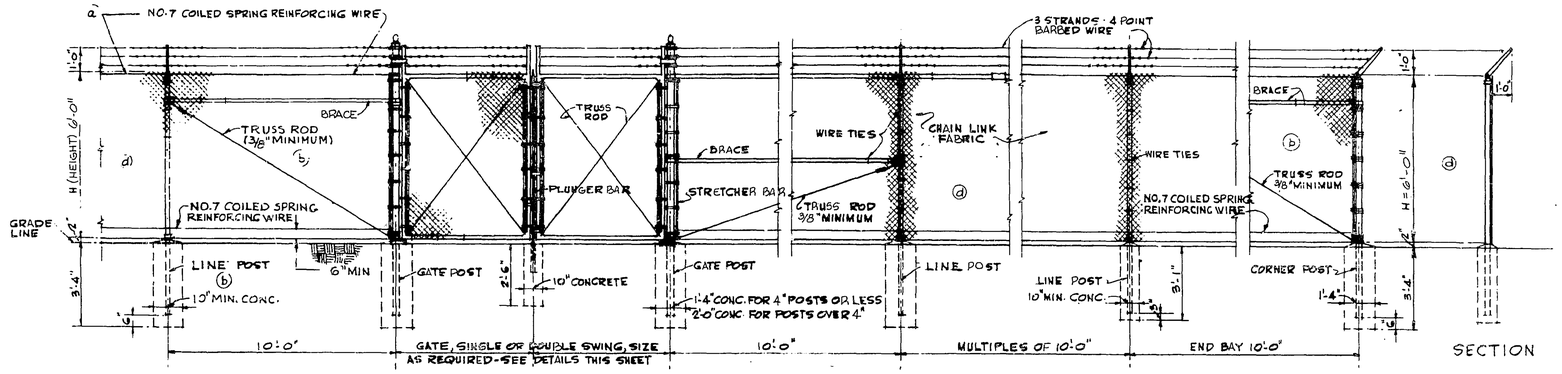
ARCHITECTS - ENGINEERS

ATLANTA, GEORGIA



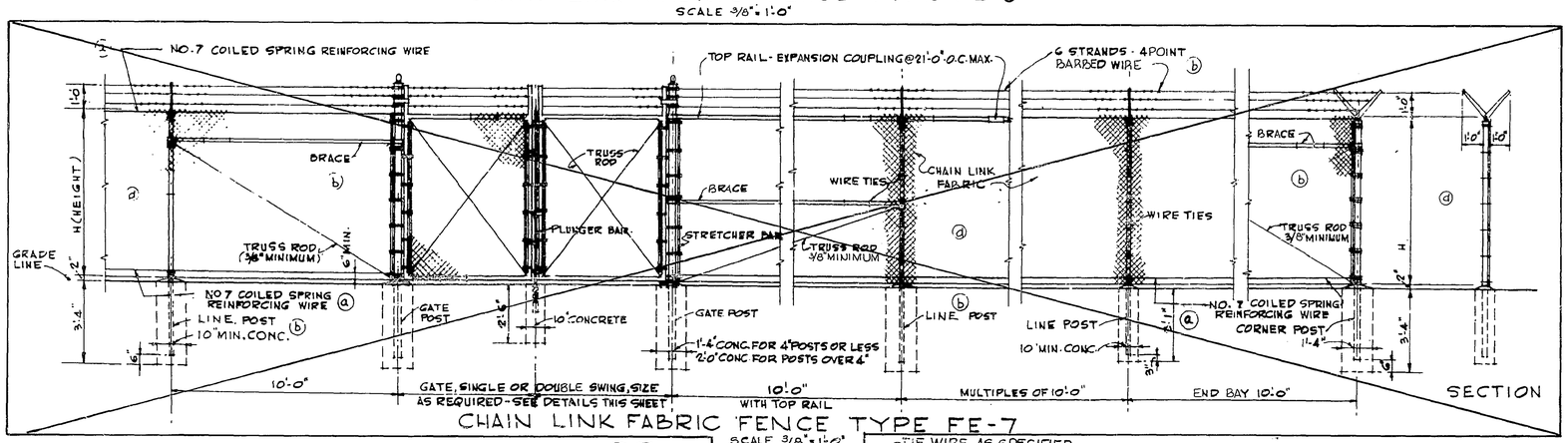
CHAIN LINK FABRIC FENCE TYPE FE-5

SCALE 3/8" = 1'-0"



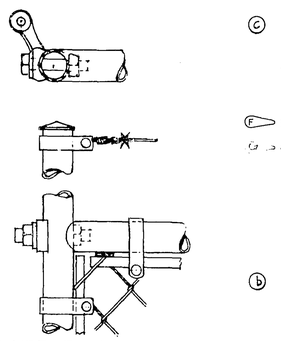
CHAIN LINK FABRIC FENCE TYPE FE-6

SCALE 3/8" = 1'-0"



CHAIN LINK FABRIC FENCE TYPE FE-7

SCALE 3/8" = 1'-0"



(b) GATE FRAME HINGE

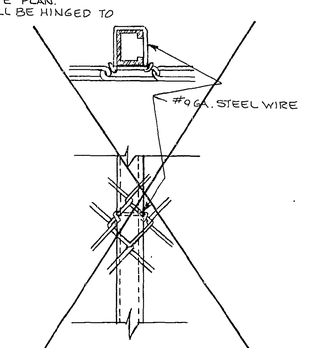
GENERAL NOTES

(c) 1. INDICATE HEIGHT (H) OF FENCE. SEE NOTES TO GUIDE SPECIFICATION CE-02711.

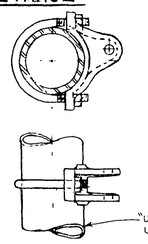
2. DETAILS ARE TO CLARIFY REQUIREMENTS BUT ARE NOT INTENDED TO LIMIT OTHER FENCE SECTIONS AND METHODS OF INSTALLATION SPECIFIED.

(F) 3. H(HEIGHT) IS 7'-0" UNLESS OTHERWISE NOTED ON THE SITE PLAN.

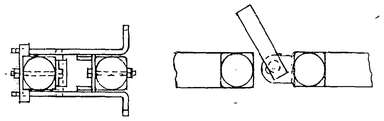
(G) 4. GATES SHALL BE HINGED TO SWING 180°.

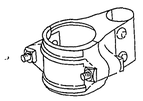


(a) C-SECTION LINE POST ATTACHMENTS
NO SCALE

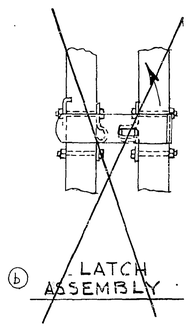


(b) POST HINGES

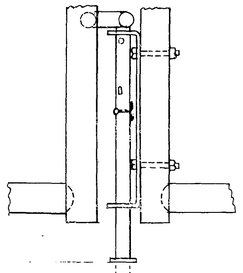




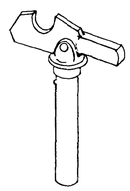
BRACKET TYPE HINGE
(FOR GATES HIGHER THAN 6'-0")



(b) LATCH ASSEMBLY

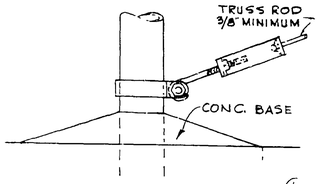


(b) DROP BAR ASSEMBLY

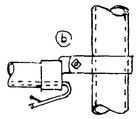


GATE KEEPER
(TO HOLD GATE OPEN)

SWING GATE DETAILS
NO SCALE

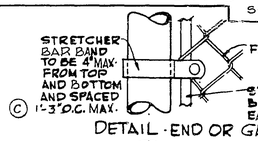


TRUSS ROD & BAND

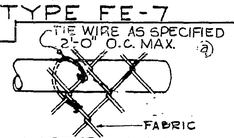


CLAMP FOR BRACE RAIL ROUND POST

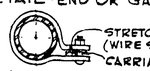
CLAMP FOR BRACE RAIL H-BEAM



DETAIL - END OR GATE POST.



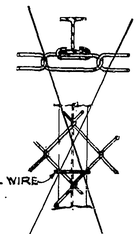
WIRE TIES FOR TOP OR BRACE RAIL



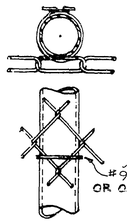
PLAN AT BANDS

BAND FOR WIRE STRETCHING

FASTENING DETAILS - FOR TUBULAR POST OR H-COLUMNS
NO SCALE

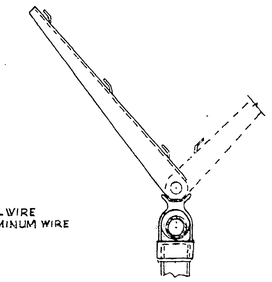


H-BEAM



ROUND POST

(b) LINE POST ATTACHMENTS



(b) BARB WIRE ARMS

THIS DRAWING SUPERSEDES E 40-16-06

SYMBOL	DESCRIPTION	DATE	APPROVAL
H	ADAPTED BY HARTRAMPF/POWELL INC. AND ISSUED BY SAVANNAH DISTRICT FOR ROBINS AFB UNDER INVITATION NO. DACA-21-85-B-0009		
G	ADDED BRACKET TYPE HINGE AND NOTE 4	28 MAY 82	
F	ADDED NOTE 3	4 MAY 79	WB
e	C-SECTION LINE POST ADDED	10 FEB 77	JTI
d	REFERENCES REMOVED	1 OCT 70	WAW
c	GENERAL NOTES REVISED, END OR GATE POST DETAIL REVISED	15 JUNE 70	
b	GENERAL REVISIONS (SEE DETAILED LIST OF REVISIONS)	24 NOV 54	
a	NOTES ON SIZE OF COILED SPRING REINF. WIRE AND TIE WIRE CHANGED.	19 APR 43	

REVISIONS

SPECTOR & MONTGOMERY
ARCHITECTS — ENGINEERS
FALLS CHURCH, VIRGINIA

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
MILITARY CONSTRUCTION — ENGINEERING DIVISION
Washington, D. C.

DRAWN BY: WMM
TRACED BY:
CHECKED BY:
SUBMITTED BY: Chester B. Lind
SPECTOR & MONTGOMERY
APPROVED: W. Bachmann — CHIEF STRUCTURES BRANCH
APPROVED: W. Jackson — CHIEF, ENGINEERING DIVISION, MIL. CONSTR., O. C. E.
DATE: 30 MAR '61
APPROVED FOR:
DATE:

FENCE & DETAILS
TYPE FE-6

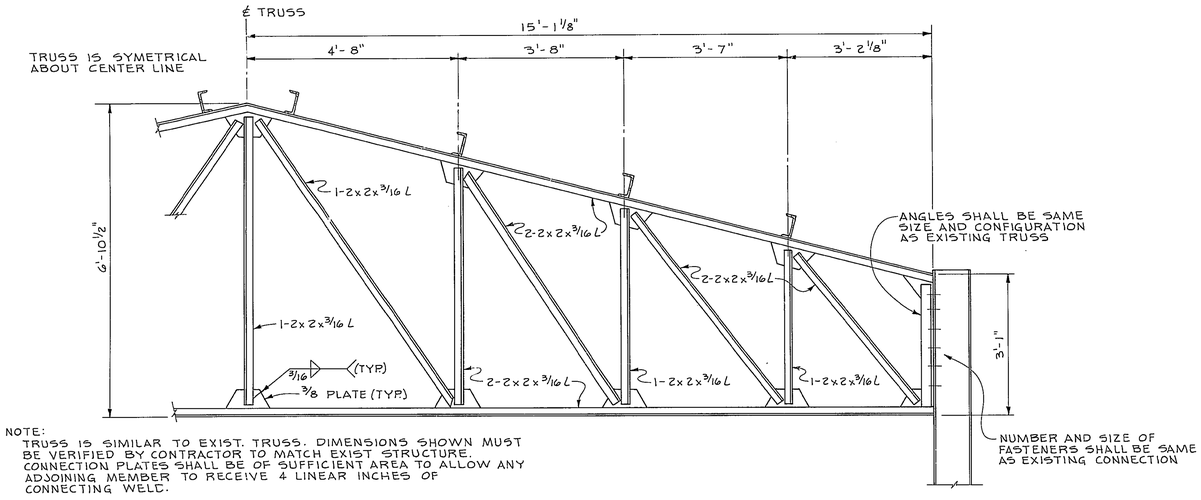
SCALE AS NOTED
SPEC. NO.
DRAWING NUMBER 39-01-08
SHEET
PLATE P-4

7

FILMED

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

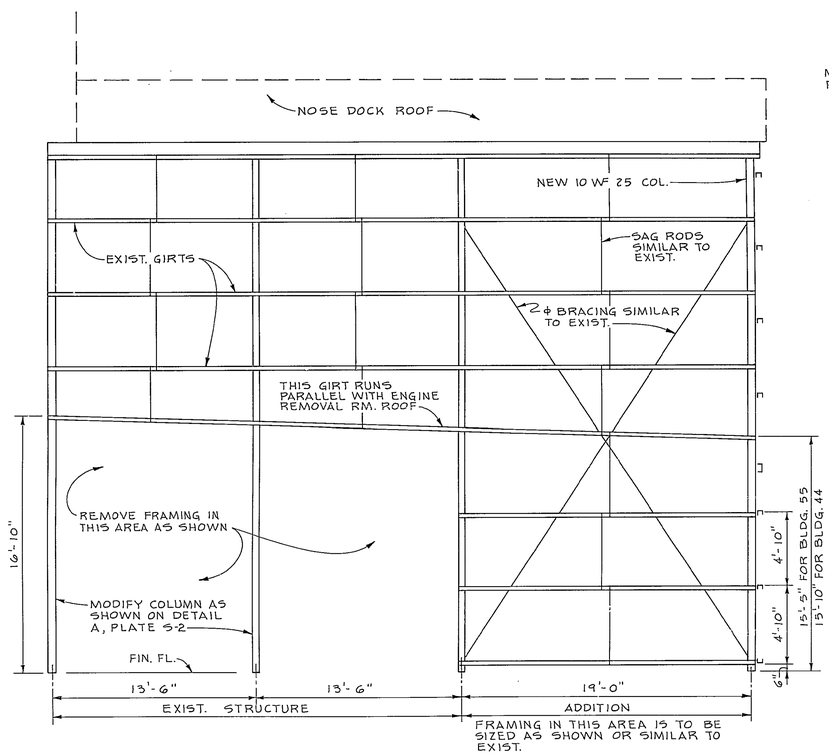
REVISIONS				
SYMBOL	ZONE	DESCRIPTION	DATE	BY
1	C-1	REVISED IN ACCORDANC WITH AMENDMENT NO.0004	25 MAY 67	EJT
		REISSUED UNDER SERIAL NO. DACA 21-68-B-0057	10 JUL 67	
2	C-1	REVISED AS BUILT	8 NOV 68	



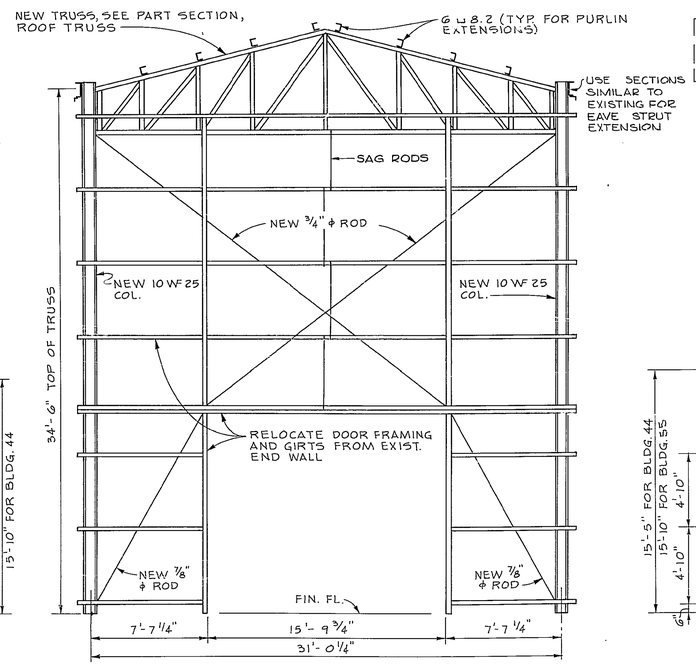
NOTE:
TRUSS IS SIMILAR TO EXIST. TRUSS. DIMENSIONS SHOWN MUST BE VERIFIED BY CONTRACTOR TO MATCH EXIST STRUCTURE. CONNECTION PLATES SHALL BE OF SUFFICIENT AREA TO ALLOW ANY ADJOINING MEMBER TO RECEIVE 4 LINEAR INCHES OF CONNECTING WELD.

PART SECTION, ROOF TRUSS
SCALE: 3/4" = 1'-0"

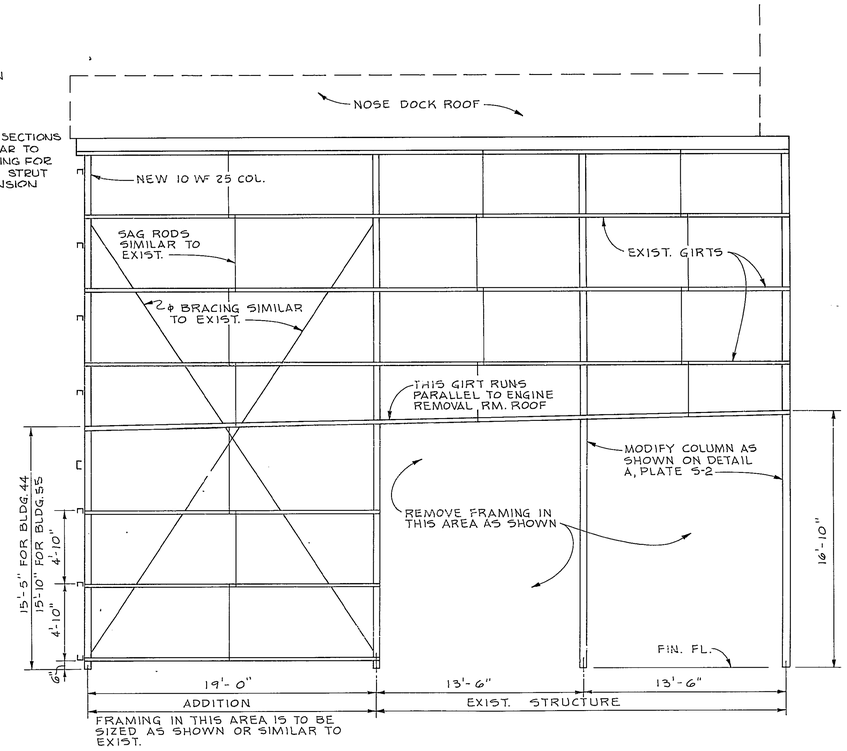
(1) NOTE:
(2) ALTERATIONS AND ADDITIONS TO BLDG. NO. 55 SHALL BE BASE BID. ~~ALTERATIONS AND ADDITIONS TO BLDG. NO. 44 SHALL BE ADDITIVE~~. SEE UNIT PRICE SCHEDULE.



SECTION 1 S2 S4 S3



SECTION 2 S2 S4 S3



SECTION 3 S2 S4 S3

NOSE DOCK WALL FRAMING, BLDG. 55 & 44
SCALE 1/4" = 1'-0"

AS BUILT
DATE 28 Feb 69 BY DOP

SAFETY is Free
Accidents Cost Money

RECORD DRAWING

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

MAINTENANCE DOCKS-ALTERATION & ADDITION

NOSE DOCK WALL AND TRUSS FRAMING

ROBINS AFB

WARNER ROBINS GEORGIA

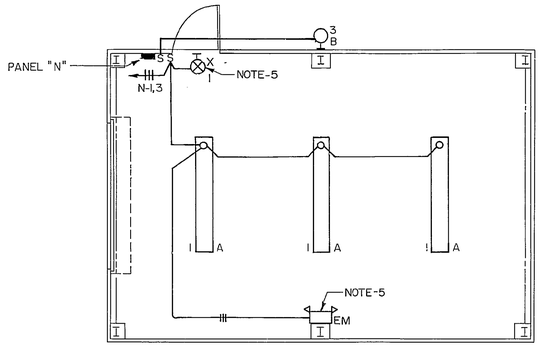
INVITATION NO.	SIZE	FILE NO.	PLATE
DACA21-67-B-0059	F	AW-ROB 39-01-04	S-4

SCALE: AS SHOWN SHEET 16

ROBINS AFB 1/258

5 4 3 2 1

MILLER 99



LIGHTING PLAN

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

PANEL "N"			VOLTAGE: 240/120 VOLT 1 PHASE-3 WIRE WITH GROUND BUS		
MOUNTING: ☐ FLUSH ■ SURFACE	MAINS: ■ LUGS ONLY AMP ☐ MAIN BREAKER AMP		■ TOP ☐ BOTTOM	NEUTRAL (INSULATED) ☐ 50% ■ 100%	
COVER: NEMA-1			ALL BRANCH BKRS, 20A., 1 POLE UNLESS NOTED OTHERWISE		
LOCATION	LOAD	NO.	NO	LOAD	LOCATION
LIGHTING	600	1	2	1080	RECEPTACLES
SECURITY LIGHT	200	3	4	500	EXHAUST FAN (EF-1)
SPARE		5	6	850	STEAM HEATER (UH-1)
SPARE		7	8		SPARE
SPARE		9	10	1600	DOOR MOTOR
SPARE		11	12		

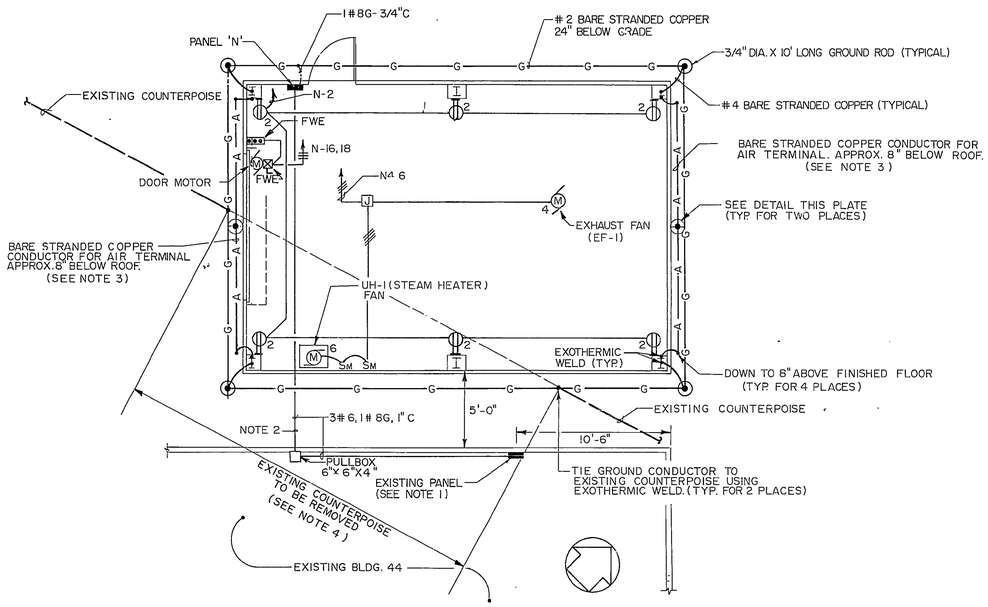
C A 20

LEGEND

- FLUORESCENT FIXTURE. LETTER INDICATES TYPE
- EXIT SIGN FIXTURE. LETTER INDICATES TYPE
- S — 20A, 277 V SPST SWITCH SPECIFICATION GRADE. MH. 48" AFF.
- S_M — MANUAL MOTOR STARTER. 120V
- 20 A, 125 V, 2P, 3 WIRE GROUNDING TYPE RECEPTACLE. (SPECIFICATION GRADE) MH. 48" AFF.
- COMBINATION STARTER.
- UP-DOWN-STOP PUSH-BUTTON STATION.
- FWE — INDICATES FURNISHED WITH EQUIPMENT.
- CONDUIT RUN WITH 2#12 AWG CONDUCTORS IN 1/2" DIA. EXPOSED CONDUIT. NUMBER OF HASHMARKS INDICATE NUMBER OF #12 AWG CONDUCTORS IN 1/2" CONDUIT WHEN MORE THAN TWO ARE TO BE INSTALLED. A #12 GROUNDING CONDUCTORS SHALL BE INSTALLED IN ALL CONDUIT RUNS AND IS NOT INCLUDED IN HASHMARKS. ARROW INDICATES HOMERUN TO PANELBOARD.
- 10" BRONZE AIR TERMINAL.
- MOTOR
- MH — INDICATES MOUNTING HEIGHT.
- GROUND ROD
- BARE GROUND CONDUCTOR
- J — JUNCTION BOX
- A — BARE COPPER CONDUCTOR FOR AIR TERMINAL.
- B — WALL MOUNTED HPS FIXTURE.
- EM — EMERGENCY FIXTURE.

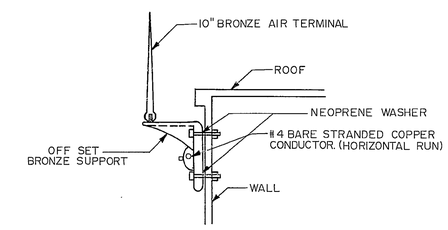
LIGHTING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION AND MANUFACTURER	LAMP NO	LAMP TYPE	LAMP WATTS	FIXTURE VOLTAGE	REMARKS
A	8' 800MA INDUSTRIAL FLUORESCENT FIXTURE WITH WIRE GUARD. LITHONIA CAT. NO. PV296 H0120ES/WG3 OR APPROVED EQUAL	2	FLU (800MA)	95	120	BOTTOM OF FIXTURE 11'-0" AFF. SEE MOUNTING DETAIL BELOW
B	WALL MOUNTED HIGH PRESSURE SODIUM FIXTURE. HITEK CAT. NO. TWP-150S	1	HPS	70	120	MH 12'-6" AFF FIXTURE SHALL HAVE INTEGRAL PHOTO CELL
X	EXIT SIGN FIXTURE WITH SELF CONTAINED BATTERY PACK. EXIDE CAT. NO. WP-423 OR APPROVED EQUAL.	2 2	INC INC	20	120 6	ABOVE DOOR
EM	TWO HEAD EMERGENCY PACK WITH SEALED MAINT. FREE BATTERY. DUAL-LITE MODEL # ML-2 OR APPROVED EQUAL.	2	PAR-36	25	6	WALL MOUNTED 11'-0" A.F.F.



POWER PLAN

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

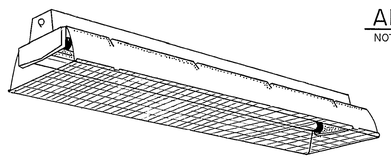


AIR TERMINAL INSTALLATION DETAIL

NOT TO SCALE

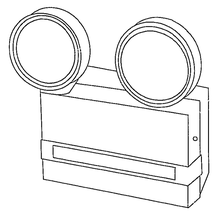
NOTES

1. PROVIDE 60 AMP, 2 POLE CIRCUIT BREAKER, SQD CAT. NO. QOB-H. INSTALL THE BREAKER AT AVAILABLE SPACES CONNECTING PHASE 'C' AND PHASE 'A'.
2. CONDUIT SHALL BE ABOVE PIPING RUN IN THIS AREA.
3. BARE CONDUCTOR FOR AIR TERMINALS SHALL BE SMOOTH TWISTED COPPER NO.2 32 STRANDED 17 GAUGE CABLE. WEIGHTS 225 LBS. PER 1000 FEET.
4. EXACT LOCATION OF THE COUNTERPOISE SHALL BE FIELD VERIFIED BEFORE CUTTING AND REMOVAL.
5. CONNECT FIXTURE AHEAD OF LOCAL SWITCHING.



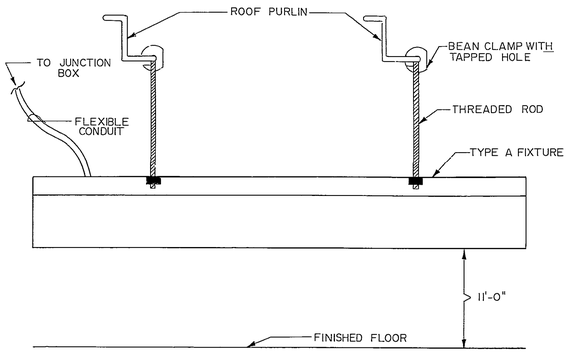
FIXTURE TYPE "A"

NTS



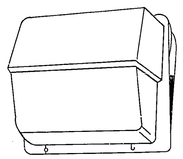
FIXTURE TYPE 'EM'

NOT TO SCALE



FIXTURE TYPE "A" MOUNTING DETAIL

NOT TO SCALE



FIXTURE TYPE "B"

NTS

FIXTURE TYPE "X"

NTS

GRAPHIC SCALE

12" 0 5' 10'

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

Stanley C. Zierner

A P P R O V E D	
APPR USING AGENCY	APPR ENGINEERING SECTION
APPR COMMUNICATIONS	APPR FIRE CHIEF
APPR SECURITY POLICE	APPR CONTRACTING/MGMT SECTION
APPR BIOENVIRONMENTAL ENGINEER	APPR CHIEF SYSTEMS MGMT
APPR GROUND SAFETY OFFICER	APPR ENV & CONTRACT PLANNING
APPR SYSTEMS SAFETY OFFICER	APPR CORROSION CONTROL ENGR
APPR	APPR ENERGY CONSERVATION MONITOR

SEE SHEET 1 OF 5 FOR APPROVED SIGNATURES

NR	BY	DATE	DESCRIPTION	CHKD
			REVISIONS	

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

CONSTRUCT METAL ADDITION TO NOSE DOCK FACILITY NO. 44

ELECTRICAL PLAN

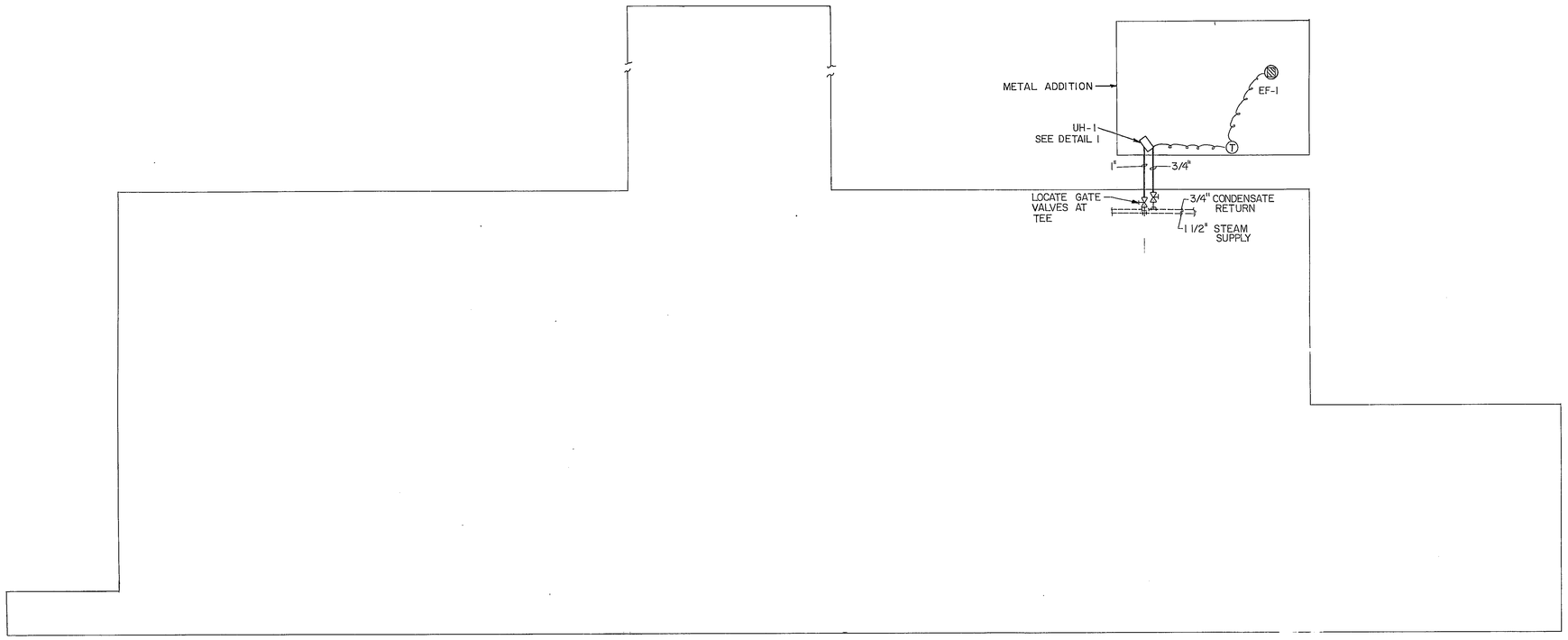
LEE WAN & ASSOCIATES, INC.
ARCHITECTS ENGINEERS SURVEYORS
4321 Memphis Drive Suite F Decatur Georgia 30032

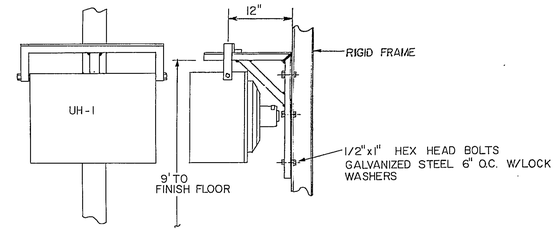
DESIGNED	DRAWN	CHECKED
I. GUPTA	P. CROOKS	P. TSOU

SUBMITTED — APPROVED — TITLE — TITLE

PROJECT NR	SCALE	DRAWING NUMBER
WR 218-4	AS NOTED	15-84-56
DATE 7-26-84	PLATE E-1	SHEET 5 ITM 5 SHEETS

RECORD DRWG BLDG 44





DETAIL 1
NOT TO SCALE

HEATER SCHEDULE			
MARK	BTU / HR	STEAM PRESSURE	REMARK
UH-1	20,000	15 PSIG	PROVIDE NEW UNIT HEATER
NOTE: CAPACITY AT 55°F ENTERING AIR & 15 PSIG STEAM. TRANE MODEL 18-S HORIZONTAL STEAM UNIT HEATER, FAN H.P. 1/25			

FAN SCHEDULE				
MARK	CFM	S.P.	HP	REMARK
EF-1	600	.25	1/12	WITH POSITIVE CLOSURE DAMPER

STEAMLINE TO ADDITION
SCALE: 1/8"=1'-0"

NOTE:

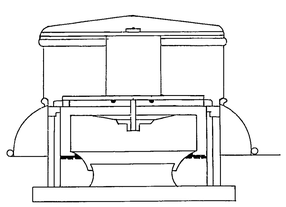
1: STEAM & CONDENSATE TO ADDITION ROUTED AT 10'-0" ABOVE FINISH FLOOR.

2: EXTERIOR PIPING TO HAVE 1 1/2" CELLULAR INSULATION WITH ALUMINUM CLADDING.

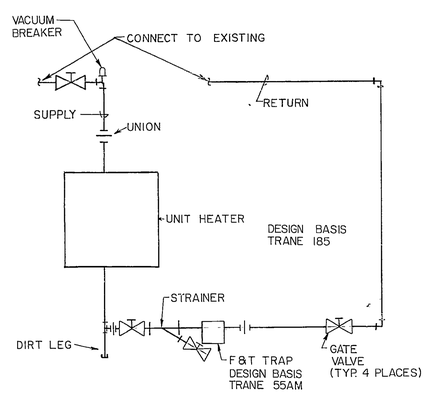
3: UNIT HEATER MOUNTED FROM RIGID FRAME USING 3x3x3/8 ANGLE IRON AT 9'-0" FROM FINISHED FLOOR.

4: THERMOSTAT CONTROL:
FAN ON AT 88°F OFF AT 85°F
HEATER ON AT 60°F OFF AT 65°F

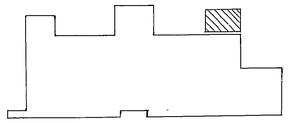
5: PIPING TO BE SUPPORT AT 10' INTERVALS.



ROOF FAN DETAILS
NOT TO SCALE



PIPING LAYOUT FOR STEAM UNIT HEATER
NOT TO SCALE



KEY PLAN
SCALE: 1/50"=1'

GRAPHIC SCALE
5' 0 5' 10' 15' 20'
SCALE: 1/8" = 1'-0"

NR	BY	DATE	DESCRIPTION	CHKD

REVISIONS

APPROVED

APPR USING AGENCY	APPR ENGINEERING SECTION
APPR COMMUNICATIONS	APPR 5 ENG CHIEF
APPR SECURITY POLICE	APPR CONT MGMT SECTION
APPR BIOENVIRONMENTAL ENGINEER	APPR CHIEF SYSTEMS MGMT
APPR GROUND SAFETY OFFICER	APPR ENV & CONTRACT PLANNING
APPR SYSTEMS SAFETY OFFICER	APPR CORROSION CONTROL ENGR
APPR	APPR ENERGY CONSERVATION MONITOR

SEE LIST OF SIGNATURES

DESIGNED F. FLOYD | DRAWN P. OSKERI | CHECKED F. FLOYD
SUBMITTED | APPROVED
TITLE | TITLE

LEE WAN & ASSOCIATES, INC.
4321 Memorial Drive Suite P Decatur Georgia 30032

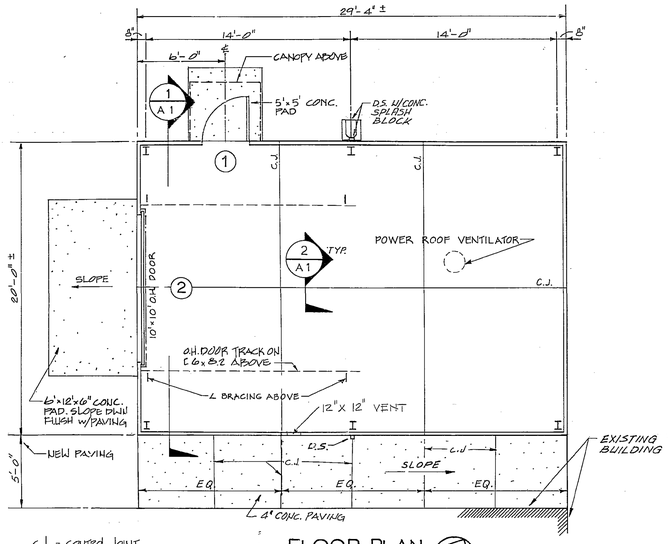
WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

CONSTRUCT METAL ADDITION TO NOSE DOCK FACILITY NO. 44

STEAMLINE TO ADDITION
MECHANICAL

PROJECT NO. WR218-4 | SCALE AS NOTED | DRAWING NUMBER 15-84-56
DATE 7-26-84 | PLATE M-1 | SHEET 4 OF 5 SHEETS

LICENSED DESIGN ENGINEER



C.J. - CONTROL JOINT
EQ. - EQUAL

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

FINISH SCHEDULE

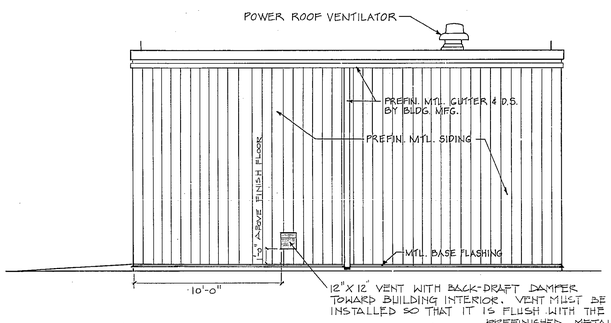
SPACE	FLOOR	WALL	CEILING	REMARK
NEW METAL ADDITION TO BUILDING 44	CONC. SLAB W/TH SEALER	8' PREFINISHED METAL LINER VINY FACED INSULATION ABOVE 8'	EXPOSED STRUCTURE W/VINYL FACED INSULATION	ALL EXPOSED STRUCTURE SHALL BE FIELD PAINTED ON TOP OF THE SHOP PRIME COAT

NOTE:
ALL THE INTERIOR & EXTERIOR FINISH / COLOR OF THE BUILDING COMPONENTS SHALL BE SUBMITTED TO THE CONTRACTING OFFICER FOR SELECTION.

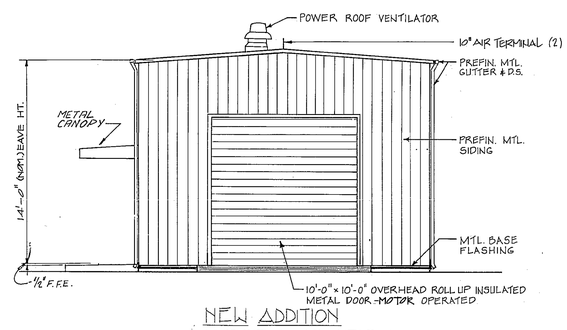
DOOR SCHEDULE

NO	SIZE	TYPE	FRAME	DETAIL	REMARK
1	3'x7'x1 3/4"	H.M. DOOR PAINTED 16 GA.	H.M. FRAME PAINTED 14 GA.	A	SEE NORTH ELEVATION FOR DOOR & FRAME LOCKSET
2	10'x10'x1 1/2"	STEEL INSULATED OVER HEAD DOOR - MIN. 20 GA.	STEEL FRAME PAINTED 14 GA.	B	* MOTOR OPERATED SEE WEST ELEVATION FOR DOOR & FRAME

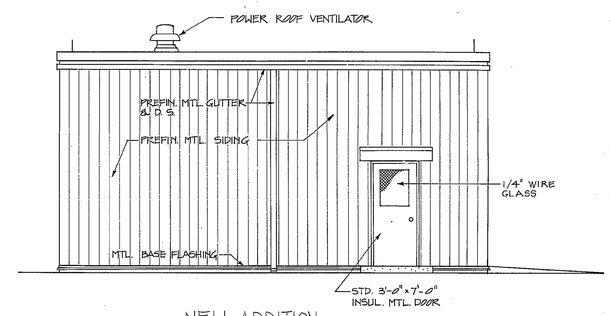
NOTE:
ALL DOORS & FRAMES FINISH / COLOR SHALL BE SUBMITTED TO THE CONTRACTING OFFICER FOR SELECTION.



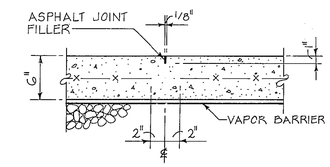
SOUTH ELEVATION
1/4" = 1'-0"
NEW ADDITION



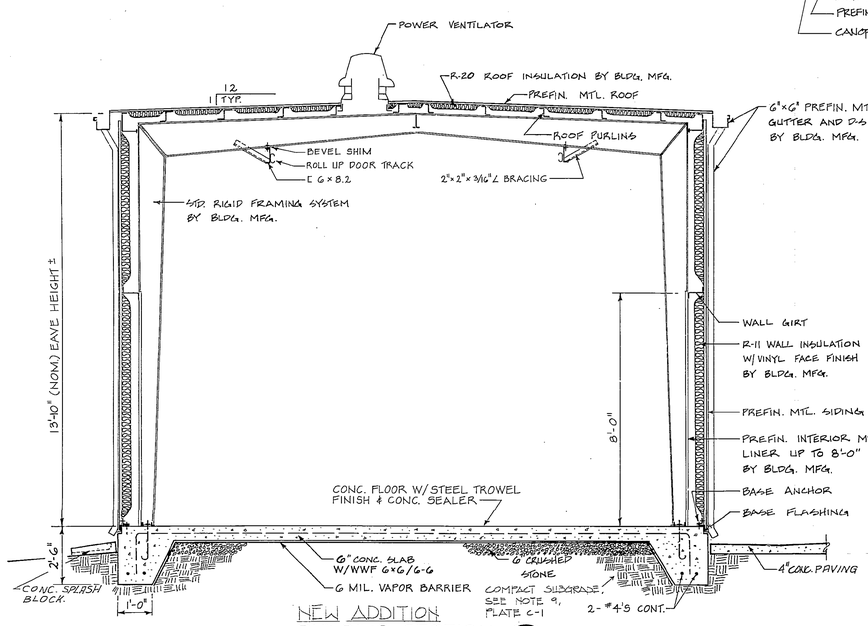
NEW ADDITION
WEST ELEVATION
1/4" = 1'-0"



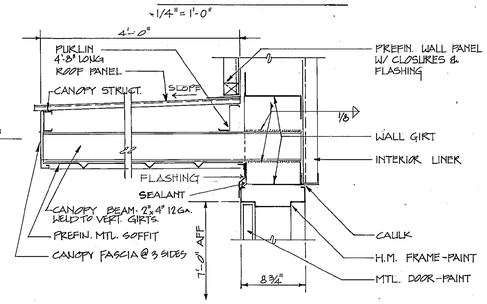
NEW ADDITION
NORTH ELEVATION
1/4" = 1'-0"

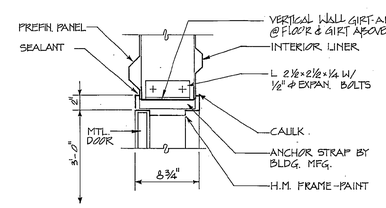


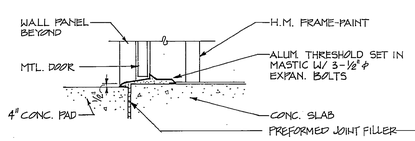
TYPICAL SAW CUT CONTROL JOINT
2 / A1
1 1/2" = 1'-0"
NEW ADDITION



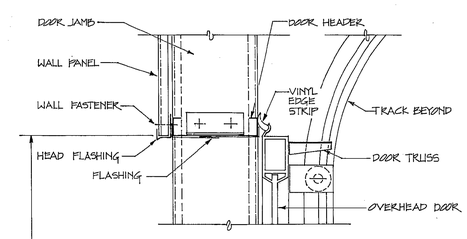
NEW ADDITION
BUILDING SECTION
1 / A1
1/2" = 1'-0"

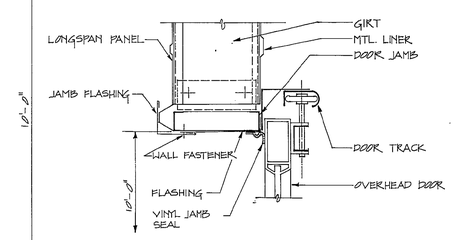


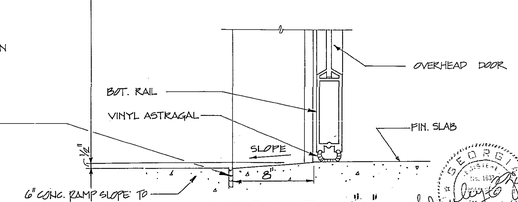




NEW ADDITION
DOOR DETAIL "A"
1 1/2" = 1'-0"



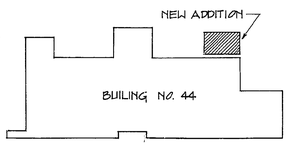




NEW ADDITION
DOOR DETAIL "B"
1 1/2" = 1'-0"

GENERAL STRUCTURAL NOTES:

1. MATERIALS
   A. CONCRETE : 3,000 PSI @ 28 DAYS
   B. REINF. STEEL : ASTM A615, GRADE 60
2. DESIGN CODES : STANDARD BUILDING CODE ; ANSI A58.1 -1982 AISC ; ACI - 318.
3. LIVE LOADS
   A. GROUND FLOOR : 150 PSF
   B. ROOF : 20 PSF ; REDUCED TO 12 PSF FOR FRAMES.
   C. WIND : 80 MPH PEAK GUST VELOCITY. SEE PRE-ENGINEERED METAL BUILDING SPECIFICATIONS.
   D. SEISMIC : ZONE 1
4. SOILS
   A. MAX. ALLOWABLE DEAD PLUS LIVE SOIL BEARING = 3,000 PSF
5. PREFINISHED METAL
   THE PREFINISH SHALL BE FIELD CHECKED WITH A HOLIDAY DETECTOR. IF THE CHECKING INDICATES THE PREFINISH HAS HOLIDAYS, THE CONTRACTOR SHALL ADD 2 FIELD COATS OF PAINT APPROVED BY THE MANUFACTURER, AT NO EXTRA EXPENSE TO THE GOVERNMENT.



KEY PLAN

NR	BY	DATE	DESCRIPTION	CHKD

REVISIONS

A P P R O V E D

APPR. USING AGENCY	APPR. ENGINEERING SECTION
APPR. COMMUNICATIONS	APPR. FIRE CHIEF
APPR. SECURITY POLICE	APPR. CONTRACT MGMT SECTION
APPR. BIOENVIRONMENTAL ENGINEER	APPR. CHIEF SYSTEMS MGMT.
APPR. GROUND SAFETY OFFICER	APPR. ENV. & CONTRACT PLANNING
APPR. SYSTEMS SAFETY OFFICER	APPR. CORROSION CONTROL ENGR.
APPR.	APPR. ENERGY CONSERVATION MONITOR

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

CONSTRUCT METAL ADDITION TO NOSE DOCK FACILITY NO. 44

FLOOR PLAN, ELEVS AND DETAILS

DESIGNED	DRAWN	CHECKED
A CHAN	G CHANG	

SUBMITTED / TITLE — APPROVED / TITLE

PROJECT NR: WR 218-4 | SCALE: AS NOTED | DRAWING NUMBER: 15-84-56
DATE: 7-26-84 | PLATE: A1 | SHEET 3 OF 5 SHEETS

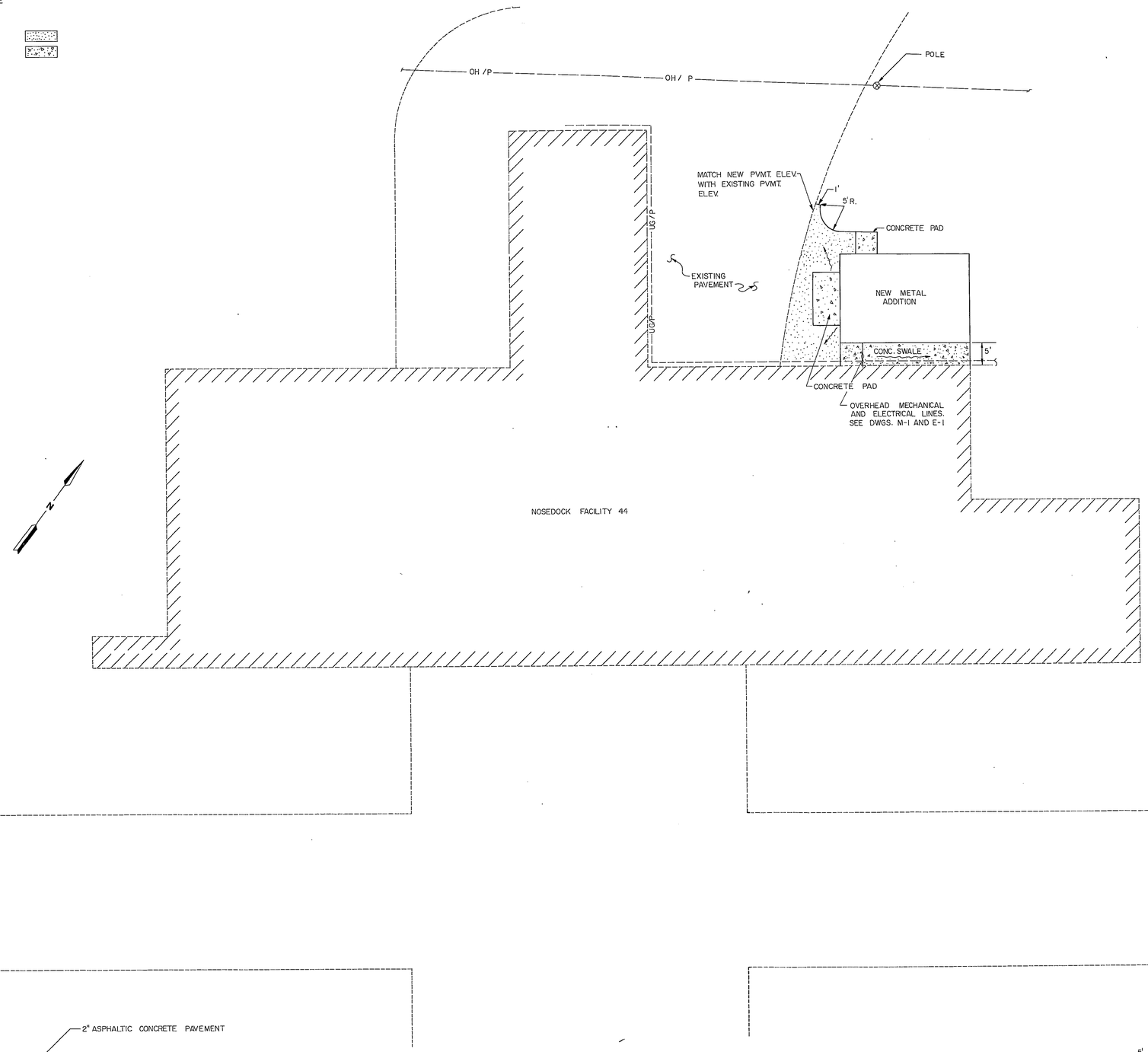
LEE WAN & ASSOCIATES, INC.
ARCHITECTS ENGINEERS PLANNERS
4241 Memorial Drive, Suite 8, Decatur, Georgia 30032

GEORGIA REGISTERED ARCHITECT STANLEY C. ZENER

Replaces Drawing Bldg. 44

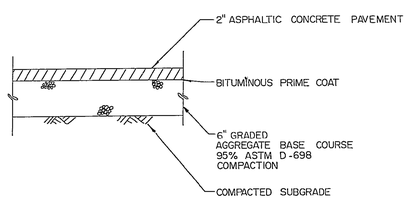
LEGEND

EXISTING		PROPOSED (NEW)
----UG/P---	UNDERGROUND POWER LINE	
—OH/P—	OVERHEAD POWER LINE	
	ASPHALT PAVEMENT	
	CONCRETE PAVEMENT	
	BUILDING	



NOTES:

1. PROVIDE MINIMUM 3" DROP FROM FIN. FLOOR ELEV. TO FIN. GRADE ADJACENT TO METAL ADDITION. GRADE FOR POSITIVE DRAINAGE AWAY FROM METAL ADDITION.
2. SEE SHEET A-1 FOR DETAIL AT CONCRETE PADS.
3. FIN. FLOOR ELEV. OF METAL ADDITION IS SAME AS FIN. FLOOR ELEV. NOSEDOCK FAC. 44
4. ANY SITE IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR.
5. REMOVE TOPSOIL AND STOCKPILE FOR LATER USE.
6. MAXIMUM EARTH SLOPE IS 4:1
7. CONTRACTOR SHALL VERIFY LOCATION AND ELEV. OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND REPORT THEM TO CONTRACTING OFFICER.
8. ALL AREAS WHICH ARE DISTURBED BY CONSTRUCTION AND WHICH ARE NOT TO BE PAVED SHALL BE SEEDED. WITH CLEMFINE TALL FESCUE (SEPT. TO FEB. PLANTING) OR HULLED BERMUDA (MARCH TO AUGUST PLANTING) AT A UNIFORM RATE OF 3 LBS PER. 1000 SQUARE FEET. (MINIMUM.)
9. SUBGRADE SHALL BE COMPACTED TO 95% OF ASTM D-698 MAXIMUM DENSITY.
10. GRADED AGGREGATE BASE COURSE SHALL BE CLASS "A" GROUP II, AS GIVEN IN SECTION 310 AND 800 OF THE GEORGIA D.O.T. STD. SPECS FOR ROAD AND BRIDGE CONSTRUCTION.
11. BITUMINOUS PRIME COAT SHALL BE RC-70, AS GIVEN IN SECTION 412 OF GEORGIA D.O.T. STD. SPECS.
12. ASPHALTIC CONCRETE PAVEMENT SHALL BE MIX "D" TYPE 1, AS GIVEN IN SECT. 400 OF THE GA. D.O.T. STD. SPECS.
13. ALL EARTHWORK SHALL MEET THE SPECS. GIVEN IN SECTIONS 205, 206 AND 208 OF THE GA. D.O.T. STD. SPECS.



ASPHALTIC CONCRETE PAVEMENT DETAIL

SCALE 1" = 10'

NR	BY	DATE	DESCRIPTION	CHKD

REVISIONS

APPROVED

SEE SHEET 1 OF 5 FOR APPROVED SIGNATURES

APPR USING AGENCY	APPR ENGINEERING SECTION
APPR COMMUNICATIONS	APPR 5 FIRE PROT.
APPR SECURITY POLICE	APPR CONTRACT MGMT SECTION
APPR BIOENVIRONMENTAL ENGINEER	APPR CHIEF SYSTEMS MGMT
APPR GROUND SAFETY OFFICER	APPR ENV & CONTRACT PLANNING
APPR SYSTEMS SAFETY OFFICER	APPR CORROSION CONTROL ENGR
APPR	APPR ENERGY CONSERVATION MONITOR

DESIGNED W.L. CROWDER | DRAWN S.S. EDWARDS | CHECKED M.J. STIEFERMAN

SUBMITTED | APPROVED | TITLE

LEE WAN & ASSOCIATES, INC. engineers architects surveyors 4261 Hamilton Drive, Suite 9 Decatur, Georgia 30032

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

CONSTRUCT METAL ADDITION TO NOSE DOCK FACILITY NO. 44

SITE PLAN

PROJECT NR	SCALE	DRAWING NUMBER
WR 218-4	1" = 10'	15-84-56
DATE 7-26-84	PLATE C1	SHEET 2 OF 5 SHEETS

Record Dwgs 3-14-89

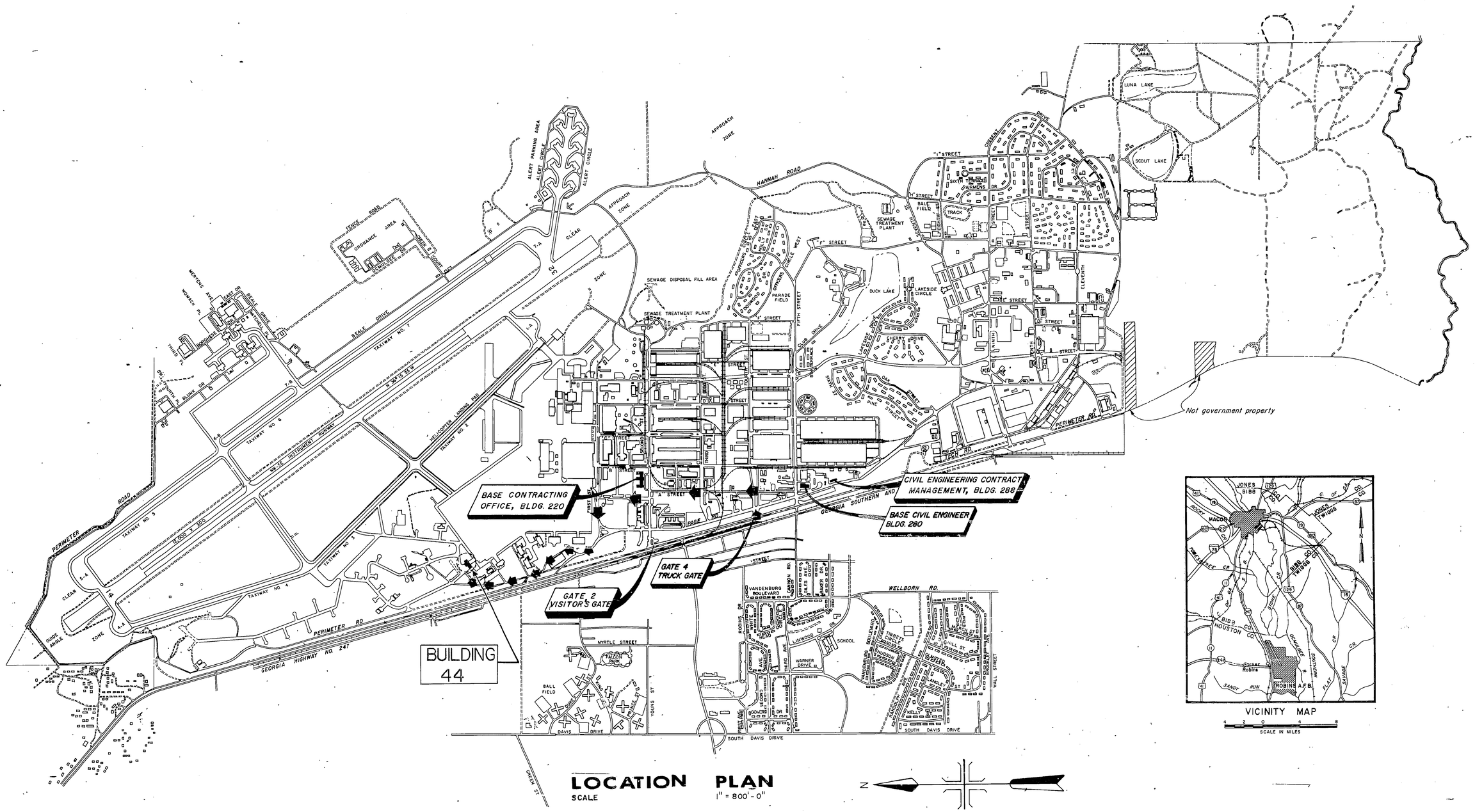


PLATE	TITLE
CI	- SITE PLAN
AI	- FLOOR PLAN, ELEVS AND DETAILS
MI	- STEAMLINE TO ADDITION MECHANICAL
EI	- ELECTRICAL PLAN

HAUL ROUTE

PROJECT AREA

APPROVED

CIVIL AGENCY COORDINATOR	ENGINEERING SECTION
COMMUNICATIONS	TIME CHIEF
SECURITY POLICE	CONTRACT MGMT SECTION
BIOENVIRONMENTAL ENGINEER	CHIEF SYSTEMS MGMT
GROUND SAFETY OFFICER	ENV & CONTRACT PLANNING
SYSTEMS SAFETY OFFICER	CORROSION CONTROL ENGR
	ENERGY CONSERVATION MONITOR

NR	BY	DATE	DESCRIPTION	CHKD

REVISIONS

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

CONSTRUCT METAL ADDITION TO NOSE DOCK FACILITY NO.44

LEE WAN & ASSOCIATES, INC.
engineers architects surveyors
4338 Hilliard Drive Suite F Decatur Georgia 30032

DESIGNED: F. FLOYD. DRAWN: W. BROWN CHECKED: F. FLOYD

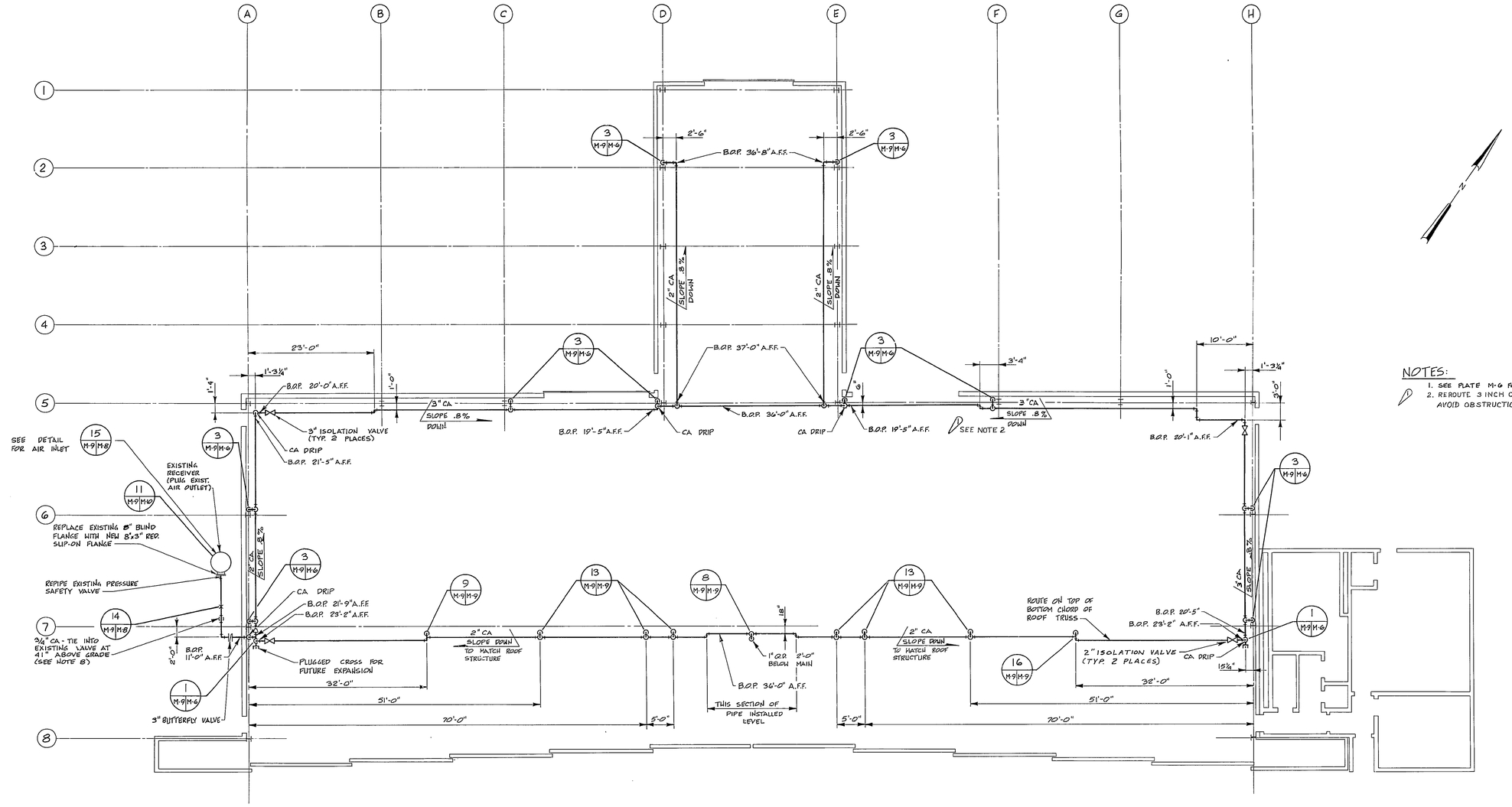
SUBMITTED: TITLE CIVIL ENGINEER

APPROVED: TITLE CHIEF, CIVIL ENGINEER SECTION

PROJECT NR: WR 218-4 SCALE: AS NOTED DRAWING NUMBER: 15-84-56

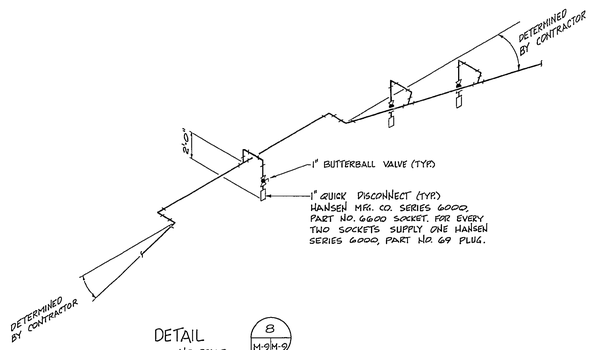
DATE: 7-26-84 PLATE: COVER SHEET SHEET 1 OF 5 SHEETS

DIETZGEN CORP. 1963

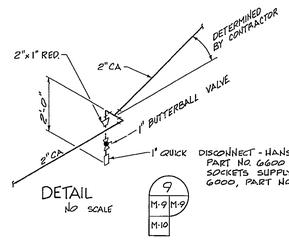


NOTES:

1. SEE PLATE M-6 FOR NOTES AND LEGEND.
2. REROUTE 3 INCH COMPRESSED AIR LINE TO AVOID OBSTRUCTIONS.



DETAIL 8 (M-9 / M-10)
NO SCALE



DETAIL 9 (M-9 / M-10)
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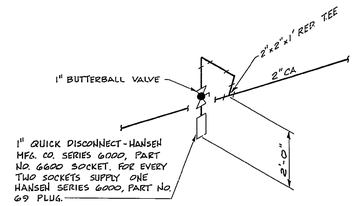

DETAIL 13 (M-9 / M-10)
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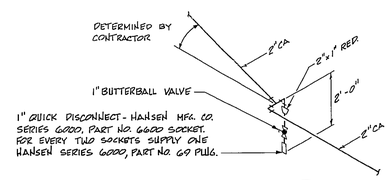


DETAIL 16 (M-9 / M-10)
NO SCALE

GRAPHIC SCALE
5' 0' 5' 10' 15' 20' 25'
1/8" = 1'-0"

W. E. GILBERT & ASSOCIATES Inc.
ARCHITECTS ENGINEERS
GREENVILLE, P.O. BOX 17217 SOUTH CAROLINA

A P P R O V E D

APPR USING AGENCY
APPR COMMUNICATIONS
APPR SECURITY POLICE
APPR BIOENVIRONMENTAL ENGINEER
APPR GROUND SAFETY OFFICER
APPR SYSTEMS SAFETY OFFICER
APPR
APPR ENGINEERING SECTION
APPR FIRE CHIEF
APPR CONTRACT MGMT SECTION
APPR CHIEF SYSTEMS MGMT
APPR ENV & CONTRACT PLANNING
APPR CORROSION CONTROL ENGR
APPR ENERGY CONSERVATION MONITOR

DESIGNED P. M. McCollum DRAWN CHECKED
SUBMITTED APPROVED
TITLE TITLE

NR	BY	DATE	DESCRIPTION	CHKD
	GED	10/1986	REROUTE 3" COMPRESSED AIR LINE	

REVISIONS

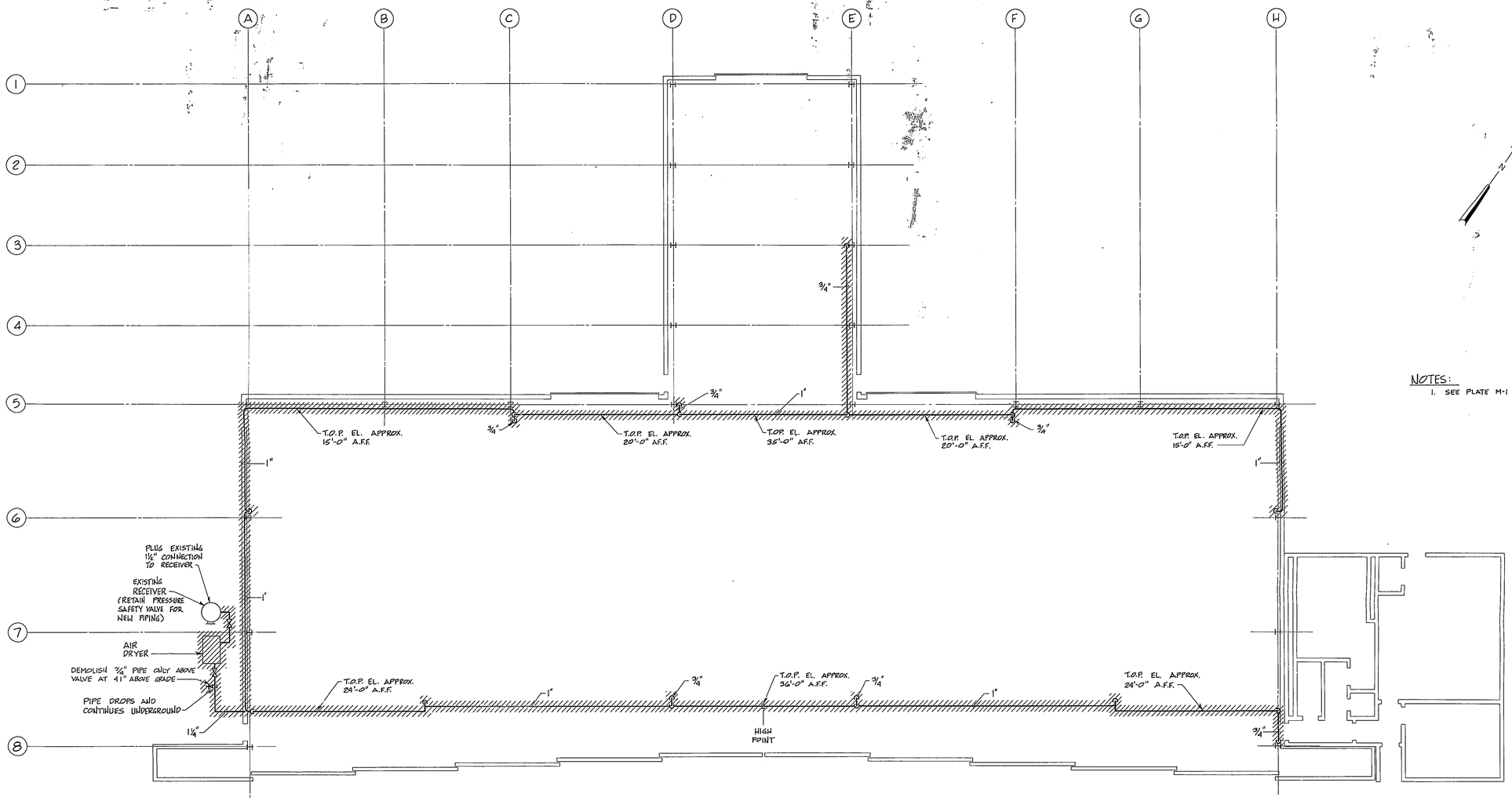
WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

REPAIR COMPRESSED AIR DISTRIBUTION SYSTEM
NOSE DOCKS
COMPRESSED AIR PIPING PLAN
BLDG. 44

ROBINS AIR FORCE BASE GEORGIA

PROJECT NR WR 192-4
SCALE AS NOTED
DRAWING NUMBER 15-83-68
DATE 22 AUG. '83
PLATE M-9
SHEET 10 OF 11 SHEETS

P-44



NOTES:

1. SEE PLATE M-1 FOR NOTES AND LEGEND

GRAPHIC SCALE

1/8" = 1'-0" 5' 0' 5' 10' 15' 20' 25'

W. E. GILBERT & ASSOCIATES Inc.
ARCHITECTS ENGINEERS
P.O. BOX 17217
GREENVILLE, SOUTH CAROLINA

APPROVED

APPR USING AGENCY	APPR ENGINEERING SECTION
APPR COMMUNICATIONS	APPR FIRE CHIEF
APPR SECURITY POLICE	APPR CONTRACT MGMT SECTION
APPR BIOENVIRONMENTAL ENGINEER	APPR CHIEF SYSTEMS MGMT
APPR GROUND SAFETY OFFICER	APPR ENV & CONTRACT PLANNING
APPR SYSTEMS SAFETY OFFICER	APPR CORROSION CONTROL ENGR
APPR	APPR ENERGY CONSERVATION MONITOR

DESIGNED R. McCollum DRAWN T.M. Arnold III CHECKED J.H. Vaughn
SUBMITTED APPROVED
TITLE TITLE

NR	BY	DATE	DESCRIPTION	CHKD

REVISIONS

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

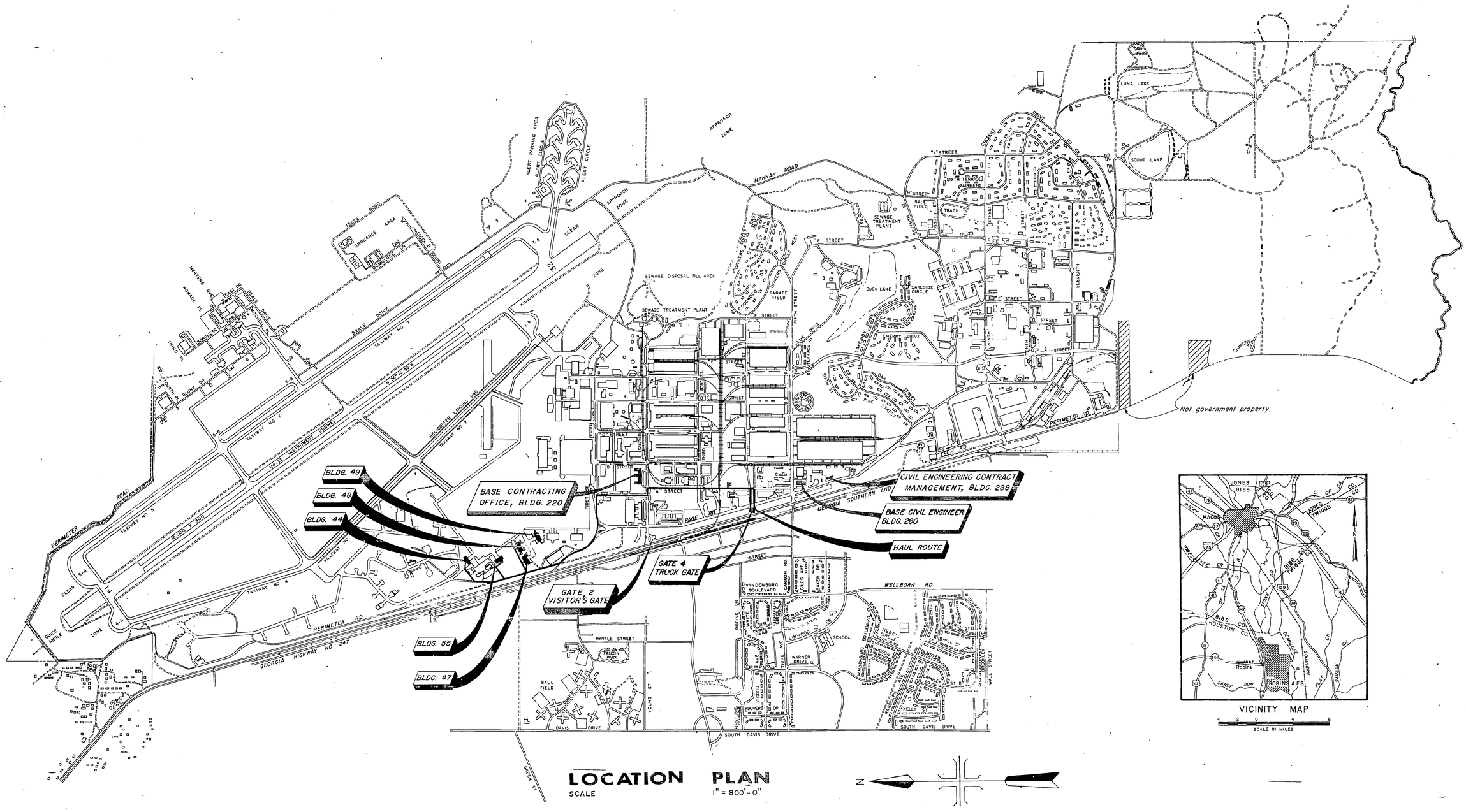
REPAIR COMPRESSED AIR DISTRIBUTION SYSTEM
NOSE DOCKS

DEMOLITION PLAN - BLDG. 44

ROBINS AIR FORCE BASE GEORGIA

PROJECT NO. WR 192-4
SCALE AS NOTED
DRAWING NUMBER 15-83-68
DATE 22 AUG. '83
PLATE M-4
SHEET 5 OF 11 SHEETS

B-44



INDEX OF DRAWINGS

PLATE NO.	SHEET NO	DESCRIPTION
X-1	1	LOCATION PLAN
M-1	2	DEMOLITION PLAN - BLDG. 47
M-2	3	DEMOLITION PLAN - BLDG. 48
M-3	4	DEMOLITION PLAN - BLDG. 49
M-4	5	DEMOLITION PLAN - BLDG. 44
M-5	6	DEMOLITION PLAN - BLDG. 55
M-6	7	COMPRESSED AIR PIPING PLAN - BLDG. 47
M-7	8	COMPRESSED AIR PIPING PLAN - BLDG. 48
M-8	9	COMPRESSED AIR PIPING PLAN - BLDG. 49
M-9	10	COMPRESSED AIR PIPING PLAN - BLDG. 44
M-10	11	COMPRESSED AIR PIPING PLAN - BLDG. 55

W.E. GILBERT & ASSOCIATES Inc.
ARCHITECTS ENGINEERS
P.O. BOX 17217
GREENVILLE, SOUTH CAROLINA

APPROVED

NR	BY	DATE	DESCRIPTION	CHKD

REVISIONS

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

REPAIR COMPRESSED AIR DISTRIBUTION SYSTEM
NOSE DOCKS

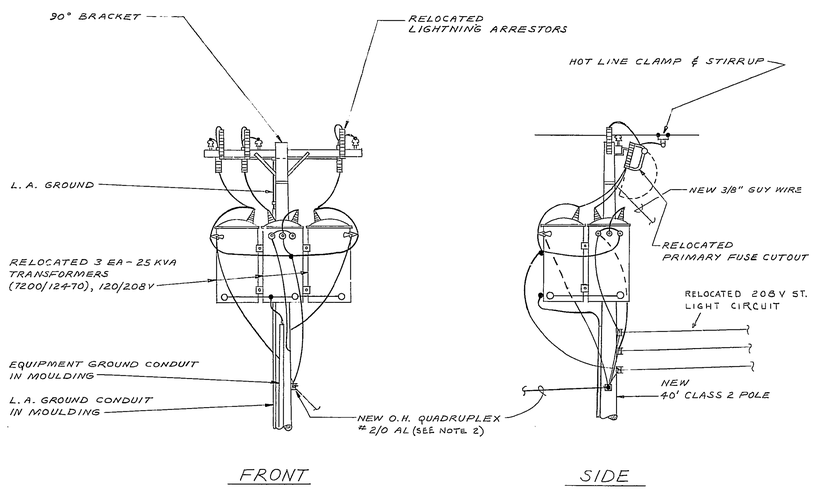
LOCATION PLAN

ROBINS AIR FORCE BASE GEORGIA

DESIGNED	DRAWN	CHECKED
R. McCollum	T.M. Arnold II	

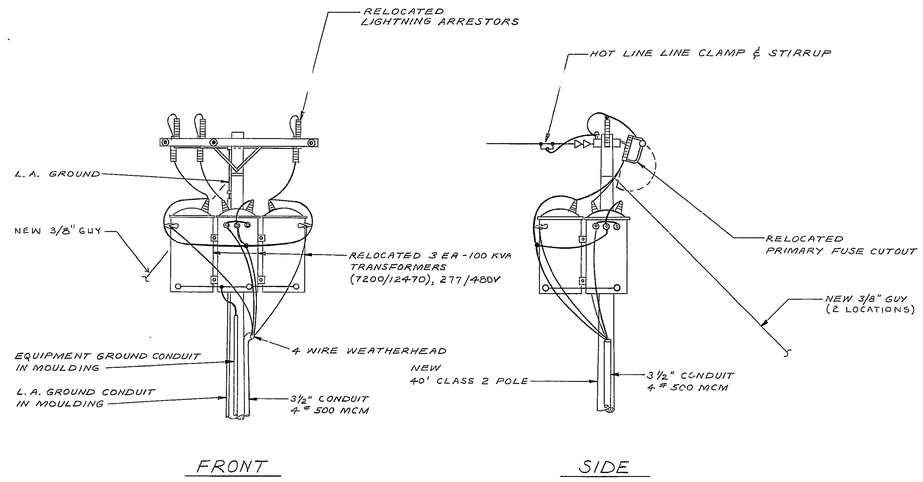
PROJECT NO.	SCALE	DRAWING NUMBER
WR 192-4	AS NOTED	15-83-68
DATE 22 AUG. '83	PLATE X-1	SHEET 1 OF 11 SHEETS

B-44



DETAIL POLE NO. 913

NOT TO SCALE



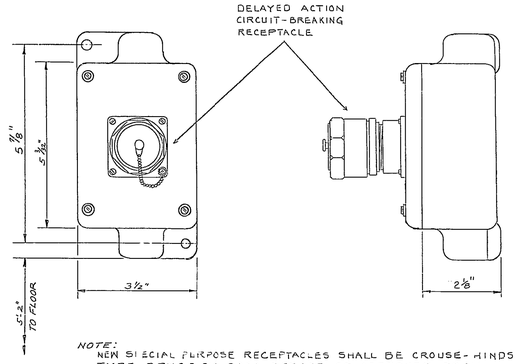
DETAIL POLE NO. 913A

NOT TO SCALE

BLDG 44 ADDITIONAL CONNECTED LOAD				
LOAD	VOLTAGE	SOURCE	* CIRCUIT BREAKER REQUIRED	TOTAL KVA
INCAND LIGHTS	120	EXIST PANEL LR	2 EA 20AMP-1P	2.0
HPS LIGHTS	120	EXIST PANEL MLP	1 EA 30AMP-1P	1.9
RECEPTACLES	120	EXIST PANEL LR	1 EA 20AMP-1P	1.8
UNIT HEATERS	120	EXIST PANEL LR	2 EA 20AMP-1P	1.0

* THE CONTRACTOR SHALL PROVIDE CIRCUIT BREAKERS IN EXISTING PANELS FOR NEW CIRCUITS AS REQUIRED. EXISTING CIRCUITS BREAKERS OR FUSED SWITCHES SHALL BE USED FOR RELOCATED CIRCUITS. SPARE POLE CAPACITY IS AVAILABLE FOR NEW CIRCUIT BREAKERS REQUIRED.

BLDG 55 ADDITIONAL CONNECTED LOAD				
LOAD	VOLTAGE	SOURCE	CIRCUIT BREAKER REQUIRED	TOTAL KVA
INCAND LIGHTS	120	NEW PANEL LRA		.4
HPS LIGHTS	120	NEW PANEL LRA		.93
RECEPTACLES	120	NEW PANEL LRA	SEE PANEL SCHEDULE	1.5
UNIT HEATERS	120	NEW PANEL LRA		.8

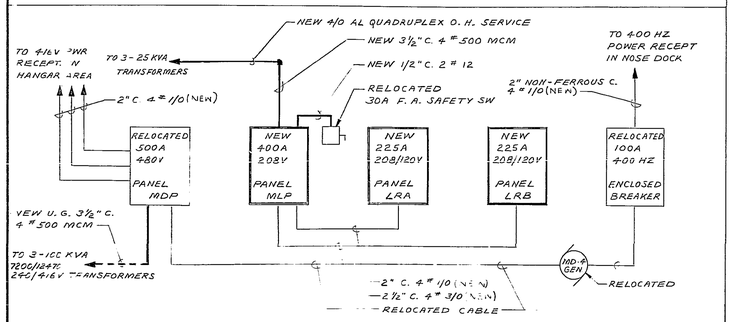


NOTE:
NEW SPECIAL PURPOSE RECEPTACLES SHALL BE CROUSE-HINDS TYPE RPX217-914-502A-EFSC271 OR APPROVED EQUAL.

HEAVY DUTY RECEPTACLE

30A, 2W, 3P, 125V, SINGLE RECEPTACLE

NOT TO SCALE



RISER DIAGRAM - BLDG 55

NOT TO SCALE

GENERAL NOTES

1. WHERE NEW CONNECTIONS ARE MADE TO EXISTING OR RELOCATED TRANSFORMERS, THE CONTRACTOR SHALL INSURE THAT THE SECONDARY VOLTAGE AFTER THE NEW CONNECTION IS MADE IS OF THE SAME VALUE AS THAT VOLTAGE PRIOR TO COMMENCEMENT OF WORK.
2. WHERE NEW OVERHEAD SERVICE DROPS ARE TO BE PROVIDED, SERVICE DROP-TO-GROUND LEVEL CLEARANCES SHALL BE EQUAL TO OR GREATER THAN EXISTING CLEARANCES.
3. NEW FIRE ALARM SYSTEM COMPONENTS REQUIRED TO EXPAND OR RELOCATE THE EXISTING SYSTEM SHALL BE COMPATIBLE WITH THE EXISTING SYSTEM AND SHALL BE CONNECTED AS RECOMMENDED BY THE MANUFACTURER OF THE EXISTING SYSTEM. FIRE ALARM SYSTEM OUTAGES SHALL BE COORDINATED WITH THE CONTRACTING OFFICER.
4. ELECTRICAL EQUIPMENT PROVIDED UNDER THIS CONTRACT SHALL NOT CONTAIN CHEMICALS WHICH ARE HAZARDOUS TO THE ENVIRONMENT. LIGHT FIXTURES WITH CAPACITORS OR BALLASTS CONTAING PCB CONTAMINANTS ARE NOT ACCEPTABLE FOR USE UNDER THIS CONTRACT.
5. SUPPORTIVE STRUCTURAL MEMBERS SHALL NOT BE CUT OR DRILLED FOR CONDUIT PENETRATIONS.

APPROVED

NAME TITLE

USING AGENCY

NH	BY	DATE	REVISION	CHKD.

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH			
STRUCT			
MECH			
ELECTR	WJH	WGW	
CIVIL			

APPR. CHIEF ENGINEERING SECTION
APPR. FIRE CHIEF
APPR. CORROSION CONTROL ENGR.
APPR. GROUND SAFETY OFFICER
APPR. BIOENVIRONMENTAL ENGR.
APPR. CHIEF CONST. MGMT. SECTION

SHEET 31 OF 31 SHEETS

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL - AIRCRAFT MAINTENANCE FACILITY

ELECTRICAL DETAILS

44, 55, 89

SUBMITTED
CHIEF ENGR. & CONST. BRANCH

APPROVED
THE CIVIL ENGINEER

DATE 5 NOV 79 | PROJECT NR. WR123-9 | DRAWING NR. 15-79-44

PLATE E-6

SEE SHEET 4 OF 31 FOR APPROVED SIGNATURES

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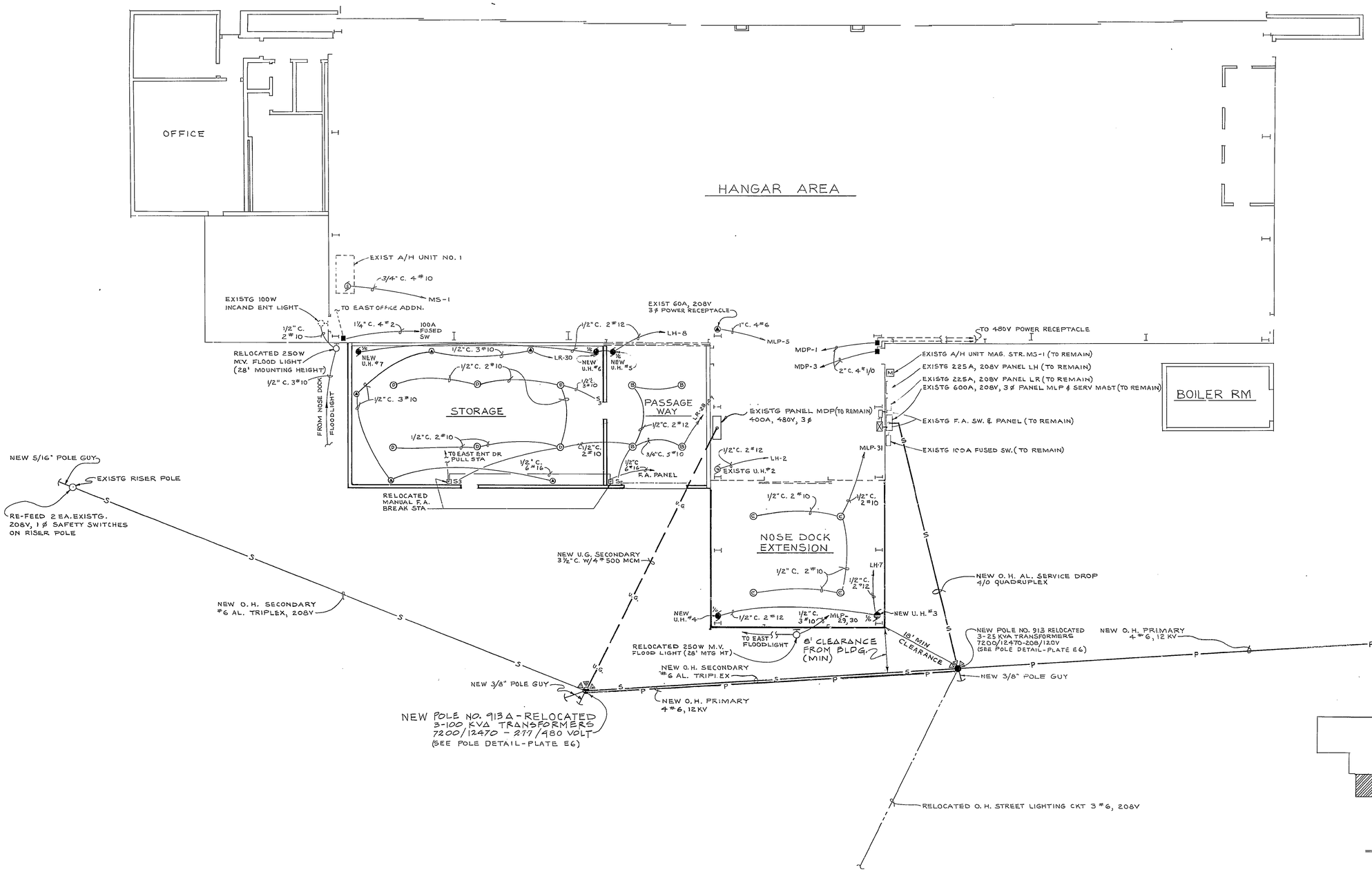
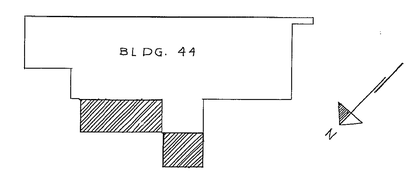


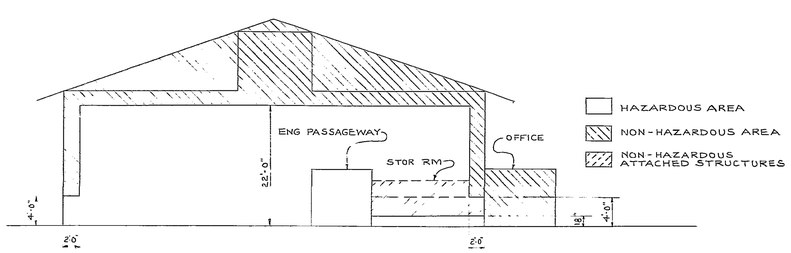
ELECTRICAL PLAN BLDG 44

SCALE 1/8" = 1'-0"



KEY PLAN

SC: 1" = 50'-0"



BLDG 44 HAZARDOUS AREA

ELEVATION

NOT TO SCALE

NOTE:
HAZARDOUS AREAS ARE CLASS I, DIVISION 1, GROUP D AREAS.

SEE SHEET 1 OF 31 FOR APPROVED SIGNATURES

APPROVED

NAME TITLE

USING AGENCY

NR	BY	DATE	REVISION	CHKD.

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH			
STRUCT			
MECH			
ELECTR	WJH	WGW	
CIVIL			

APPR: CHIEF ENGINEERING SECTION
APPR: FIRE CHIEF
APPR: CORROSION CONTROL ENGR.
APPR: GROUND SAFETY OFFICER
APPR: BIOENVIRONMENTAL ENGR
APPR: CHIEF CONST MGMT. SECTION

SHEET 28 OF 31 SHEETS

PLATE E-3

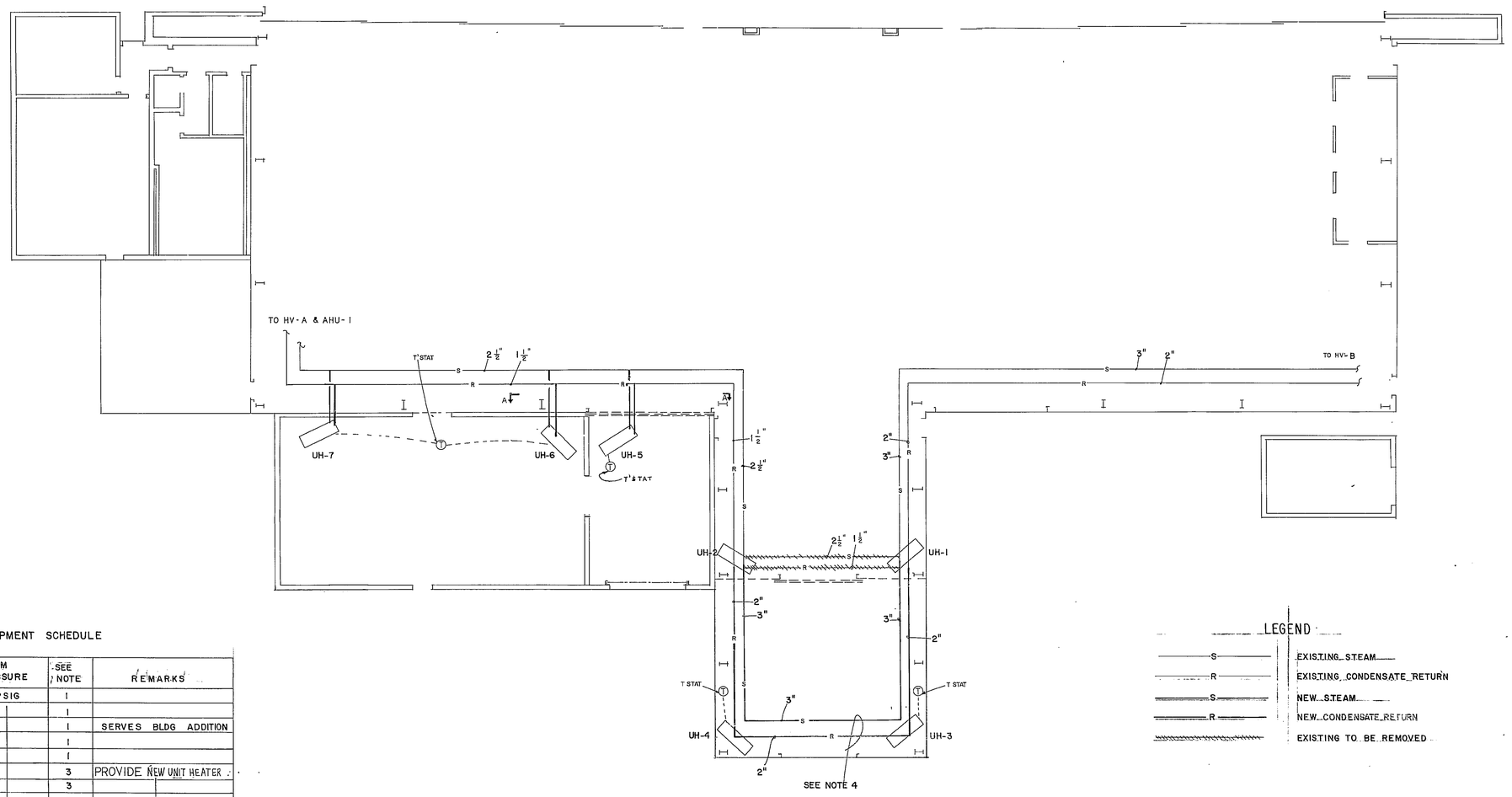
WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

EXTERIOR & INTERIOR ELECTRICAL PLAN BLDG 44

SUBMITTED
CHIEF ENGR. & CONST. BRANCH

APPROVED
THE CIVIL ENGINEER

DATE	PROJECT NR.	DRAWING NR.
5 NOV 79	WR 123 - 9	15 - 79 - 44

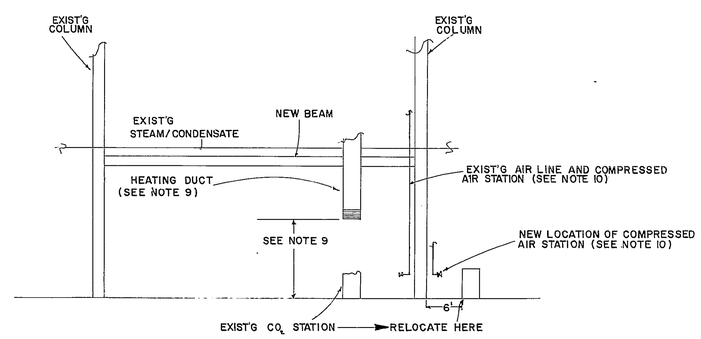


EQUIPMENT SCHEDULE

MARK	BTUH	STEAM PRESSURE	SEE NOTE	REMARKS
HV-A	504,000	15 PSIG	1	
HV-B	504,000		1	
AHU-1	18,600		1	SERVES BLDG ADDITION
UH-1	70,400		1	
UH-2	70,400		1	
UH-3	20,000		3	PROVIDE NEW UNIT HEATER
UH-4	20,000		3	
UH-5	20,000		3	
UH-6	20,000		3	
UH-7	20,000		3	

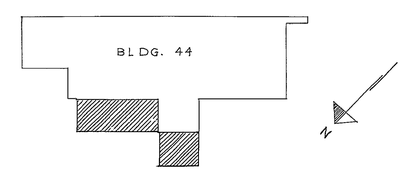
LEGEND

S	EXISTING STEAM
R	EXISTING CONDENSATE RETURN
S	NEW STEAM
R	NEW CONDENSATE RETURN
	EXISTING TO BE REMOVED



SECTION A-A

NO SCALE



KEY PLAN
SC: 1" = 50'-0"

NOTES:

1 EXISTING TO REMAIN.

2 SIZES OF EXISTING PIPE TAKEN FROM RECORD DRAWINGS, WHICH MAY NOT BE CORRECT. CONTRACTOR SHALL VERIFY ALL PIPE SIZES.

3 CAPACITY AT 55° F ENTERING AIR & 15 P.S.I.G. STEAM TRANE MODEL 18-5 (OR APPROVED EQUAL) HORIZONTAL STEAM UNIT HEATER.

4 RUN PIPE AS CLOSE TO WALL AS PRACTICAL & AT SAME HEIGHT AS EXISTING. MOUNT UH-3 & 4 SAME HEIGHT AS UH-1 & 2.

5 CONTROL OF UH-3, 4 & 5. CONTROL FANS WITH T'STAT FOR EACH UNIT HEATER. MOUNT T'STAT 5' FROM FLOOR.

6 CONTROL OF UH-6 & 7. CONTROL FANS WITH COMMON T'STAT. MOUNT T'STAT 5' FROM FLOOR.

7 ALL STEAM PIPING SHALL BE INSULATED. INSULATION SHALL CONFORM TO FED. SPEC. HH-I-523, TYPE II, CLASS A.

8 UNIT HEATER CONNECTION DETAIL SHOWN ON SHEET M-2.

9 EXISTING HEATING DUCT IS APPROX 11' FROM FLOOR. SHORTEN DUCT SUCH THAT BOTTOM IS 15' FROM FLOOR. PROVIDE NEW 4-WAY DIFFUSER. REMOVE, REROUTE DUCT AS REQUIRED TO ACCOMMODATE NEW BEAM.

10 DISCONNECT AIR LINE AT CONVENIENT POINT ABOVE NEW BEAM. RE-INSTALL & CONNECT LINE ON OTHER SIDE OF BEAM.

11 MOUNTING HEIGHT OF UH-5 IS 15'. MOUNT UH-6 & 7 AS CLOSE TO UNDERSIDE OF BEAMS AS PRACTICAL.

12. UNIT HEATER MOTORS AND HEATER CONTROLS MOUNTED IN HAZARDOUS AREAS OF BLDG 44 SHALL BE SUITABLE FOR USE IN CLASS I, DIV II, GROUP C AREAS. SEE PLATE E-3 FOR IDENTIFICATION OF HAZARDOUS AREAS.

APPROVED

NAME TITLE

USING AGENCY

NR	BY	DATE	REVISION	CHKD.

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH			
STRUCT			
MECH	lee	lee	lee
ELECTR			
CIVIL			

APPR. CHIEF ENGINEERING SECTION
APPR. FIRE CHIEF
APPR. CORROSION CONTROL ENGR.
APPR. GROUND SAFETY OFFICER
APPR. BIOENVIRONMENTAL ENGR.
APPR. CHIEF CONST MGMT SECTION

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL A/C MAINTENANCE FACILITY

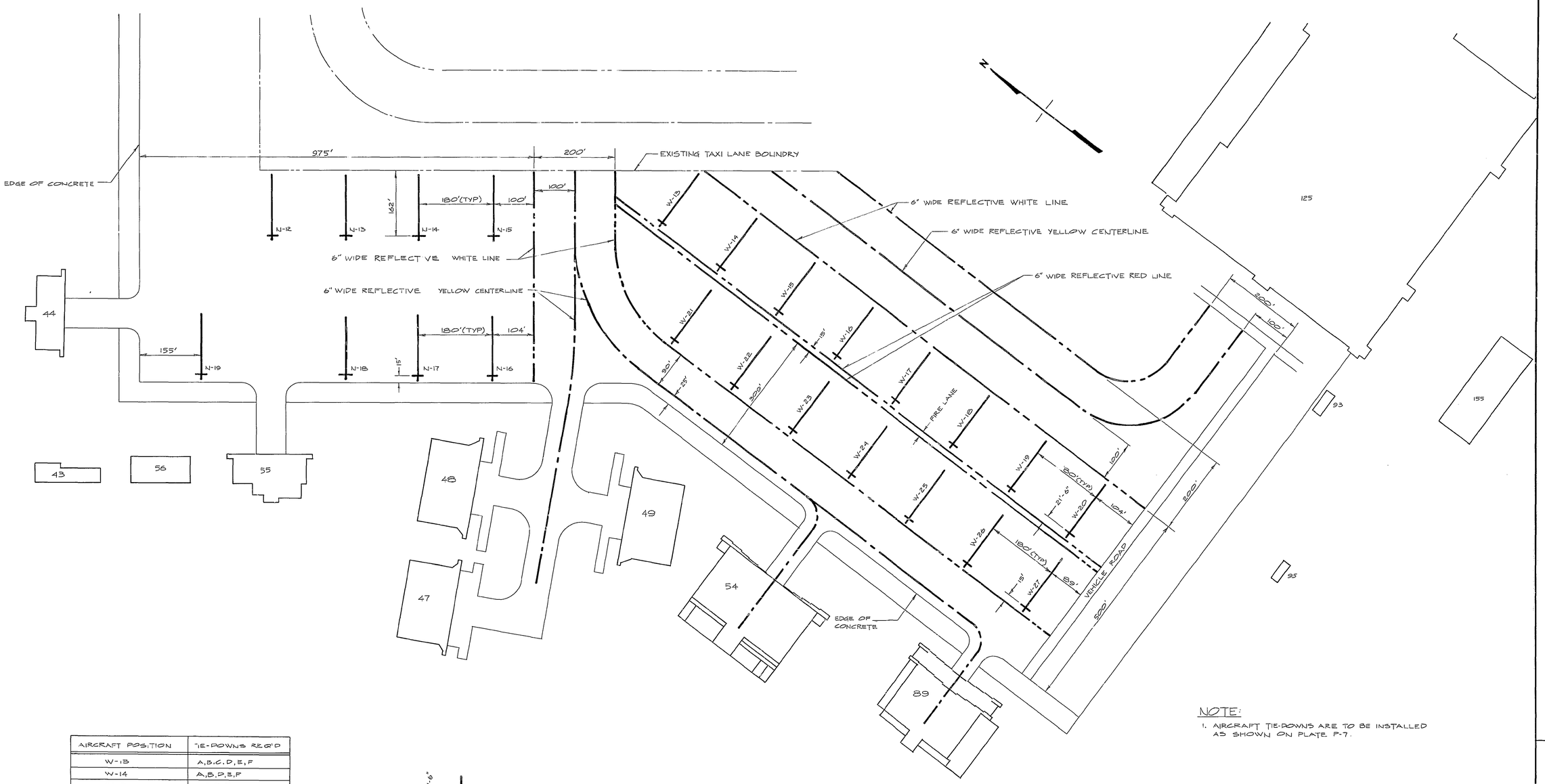
STEAMLINE ADDITION FOR BLDG 44

SUBMITTED CHIEF ENGR. & CONST. BRANCH

APPROVED THE CIVIL ENGINEER

PLATE	SHEET	DATE	PROJECT NR.	DRAWING NR.
M-1	23 OF 31 SHEETS	5 NOV 79	WR 123-9	15-79-44

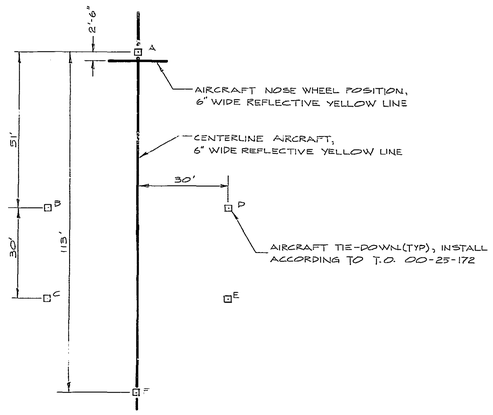
44



PLAN

SCALE: 1" = 100'

AIRCRAFT POSITION	TIE-DOWNS REQ'D
W-13	A,B,C,D,E,F
W-14	A,B,D,E,F
W-15	A,B,D,F
W-16	B,D,F
W-17	B,D,F
W-18	B,D,F
W-19	B,D,F
W-20	B,D,F
W-21	A,B,C,D,E,F
W-22	A,D,F
W-23	A,B,C,E
W-24	C,D
W-25	C,E
W-26	B,C,D,E,F
W-27	B,C,D,E,F
N-12	A,B,D,F
N-13	A,B,D,F
N-14	A,F
N-15	A,F
N-16	B,C,D,E
N-17	B,C,D,E
N-18	C,E
N-19	A



TYPICAL AIRCRAFT POSITION

NTS

NOTE:

1. AIRCRAFT TIE-DOWNS ARE TO BE INSTALLED AS SHOWN ON PLATE P-7.

APPROVED

NAME TITLE

USING AGENCY

NR	BY	DATE	REVISION	CHKD.

SEE SHEET 1 OF 31 FOR APPROVED SIGNATURES

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH			
STRUCT			
MECH			
ELECTR			
CIVIL	WK	CLM	DAE

APPR. CHIEF ENGINEERING SECTION

APPR. FIRE CHIEF

APPR. CORROSION CONTROL ENGR

APPR. GROUND SAFETY OFFICER

APPR. BIOENVIRONMENTAL ENGR

APPR. CHIEF CONST MGMT SECTION

SHEET 22 OF 31 SHEETS

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL- AIRCRAFT MAINTENANCE FACILITY

AIRCRAFT TIE-DOWN AND APRON MARKING DETAILS

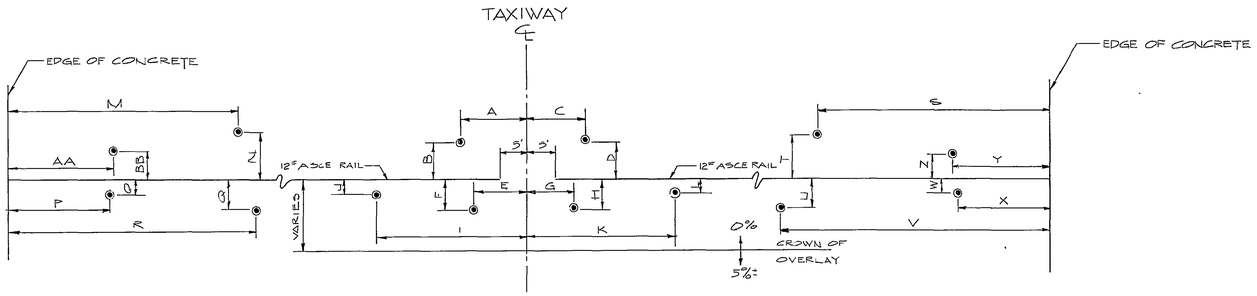
SUBMITTED CHIEF ENGR. & CONST. BRANCH

APPROVED THE CIVIL ENGINEER

DATE 5 NOV 79 | PROJECT NR. WR 123-9 | DRAWING NR. 15-79-44

PLATE P-8

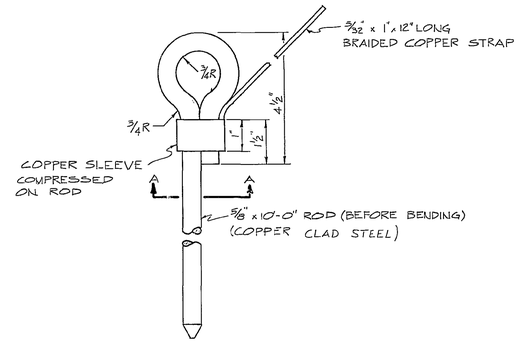
1=100'



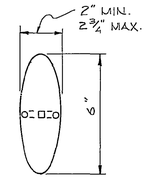
TIE DOWN ANCHOR/GROUND ROD LAYOUT PLAN
(SEE SCHEDULE BELOW)

BUILDING	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
44	11'-6"	6'-0"	9'-10"	6'-0"	3'-8"	5'-8"	7'-5"	5'-6"	25'-7"	2'-8"	24'-2"	2'-8"	44'-1"	3'-7"	N/A	N/A	4'-1"	43'-11"	42'-3"	3'-11"	5'-11"	42'-6"	N/A	N/A	26'-4"	3'-11"	31'-0"	2'-2"
47	12'-6"	11'-0"	12'-6"	11'-0"	3'-10"	3'-7"	3'-10"	3'-7"	24'-5"	2'-2"	24'-5"	2'-2"	30'-11"	11'-8"	2'-1"	19'-4"	3'-7"	47'-6"	30'-11"	11'-8"	3'-7"	47'-6"	2'-1"	19'-4"	N/A	N/A	N/A	N/A
48	11'-0"	6'-0"	9'-10"	6'-0"	3'-2"	5'-0"	7'-8"	3'-5"	26'-3	2'-10"	23'-9"	2'-8"	35'-2"	13'-8"	2'-0"	23'-1"	3'-8"	40'-2"	35'-10"	8'-4"	5'-8"	39'-6"	2'-0"	22'-8"	N/A	N/A	N/A	N/A
49	11'-0"	6'-0"	9'-10"	6'-0"	3'-6"	5'-0"	7'-6"	5'-5"	26'-3	2'-10"	23'-9"	2'-8"	35'-2"	13'-8"	2'-0"	23'-1"	3'-8"	40'-2"	35'-10"	8'-4"	5'-8"	39'-6"	2'-0"	22'-8"	N/A	N/A	N/A	N/A
55	11'-3"	5'-11½"	9'-10"	6'-1½"	3'-3"	4'-8"	7'-8"	4'-6"	25'-5"	2'-6½"	24'-7"	2'-7"	37'-0"	3'-8"	4'-9"	21'-2"	4'-6"	37'-0"	23'-8"	4'-5"	5'-1"	24'-0"	3'-11"	6'-2"	N/A	N/A	N/A	N/A

TIE DOWN ANCHOR/GROUND ROD SCHEDULE

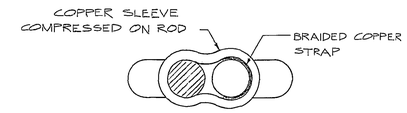


ELEVATION

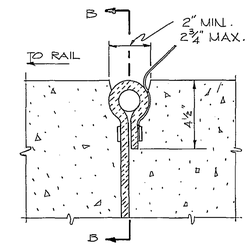


PLAN METAL FORM ANCHOR IN PLACE

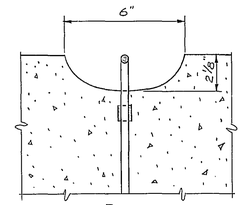
REMOVABLE METAL FORM



SECTION A-A

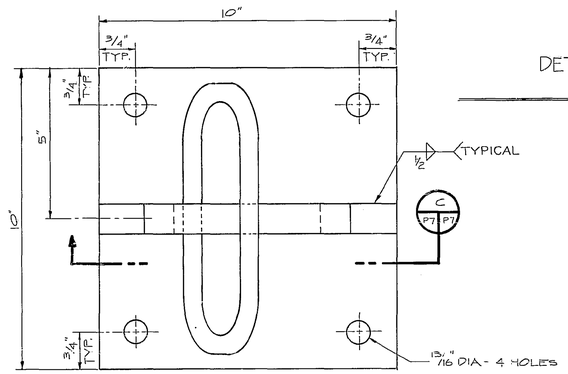


SECTIONAL ELEVATION

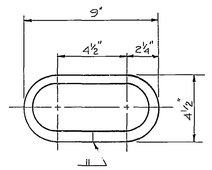


SECTION B-B

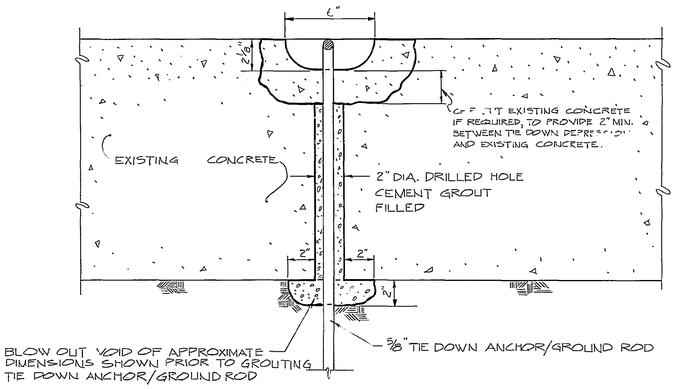
DETAILS OF COMBINATION TIE DOWN ANCHOR AND GROUND ROD
NOT TO SCALE



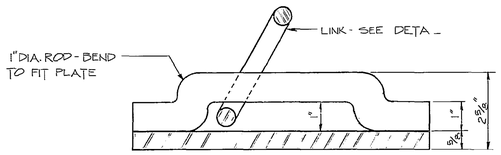
ALTERNATE ANCHOR PLATE LAYOUT PLAN FOR EXISTING CONCRETE (NOT TO BE USED IN APRON AREA)
5/8" x 10" x 10" PLATE
SCALE: HALF SIZE



LINK DETAIL
5/8" DIA. ROD x 21 3/4" LG
SCALE: 3"=1'-0"



DETAIL INSTALLATION OF TIE DOWN ANCHOR/GROUND ROD THROUGH EXISTING SLAB
SCALE 3"=1'-0"



SCALE HALF SIZE

APPROVED

NAME TITLE

USING AGENCY

NR	BY	DATE	REVISION	CHKD.

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH			
STRUCT			
MECH			
ELECTR			
CIVIL	WK	CLM	DFE

APPR. CHIEF ENGINEERING SECTION
APPR. FIRE CHIEF
APPR. CORROSION CONTROL ENGR.
APPR. GROUND SAFETY OFFICER
APPR. BIOENVIRONMENTAL ENGR.
APPR. CHIEF CONST MGMT SECTION

PLATE P-7

SHEET 21 OF 31 SHEETS

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL - AIRCRAFT MAINTENANCE FACILITY

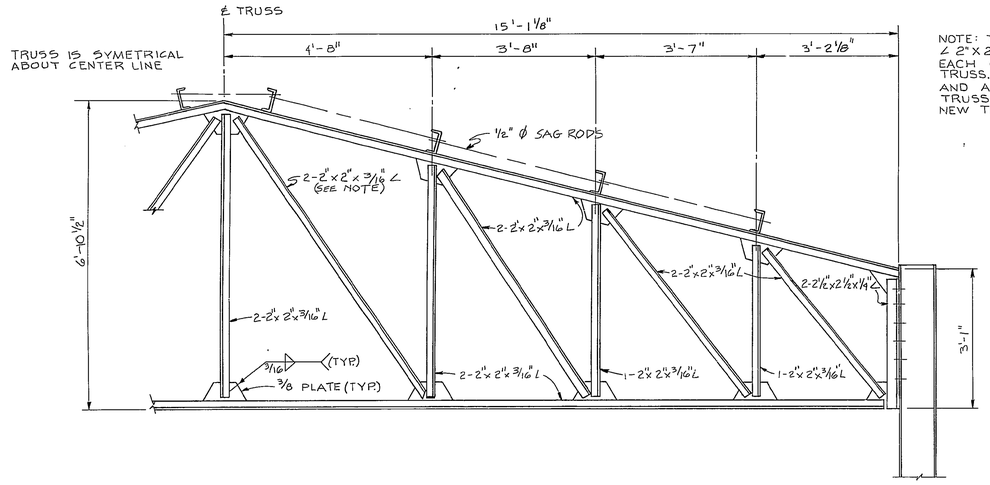
TIE-DOWN ANCHOR/GROUND ROD LAYOUT PLAN FOR EMPENNAGE WORKSTAND AND DETAILS

SUBMITTED
CHIEF ENGR. & CONST. BRANCH
APPROVED
THE CIVIL ENGINEER

DATE	PROJECT NR	DRAWING NR.
5 NOV 79	WR 123-9	15-79-44

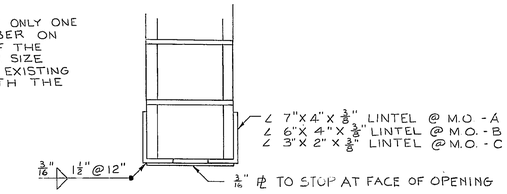
31

-17

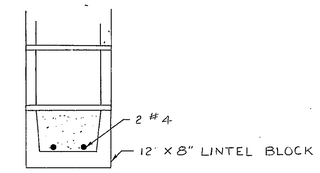


PART SECTION, ROOF TRUSS
SCALE: 3/4" = 1'-0"

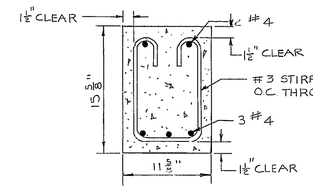
NOTE: THE SEVEN EXISTING TRUSSES HAVE ONLY ONE ∠ 2"X2"X3/16" FOR THE DIAGONAL MEMBER ON EACH OF THE TWO MIDDLE PANELS OF THE TRUSS. WELD NEW ANGLE OF SIMILAR SIZE AND APPROPRIATE FILLERS TO THE EXISTING TRUSSES SO THAT THEY MATCH WITH THE NEW TRUSSES.



LINTEL
M.O. - A, B, C
SCALE: 1 1/2" = 1'0"

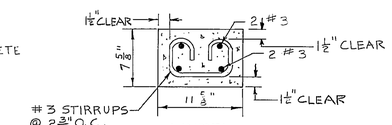


LINTEL
M.O. - D
SCALE: 1 1/2" = 1' 0"

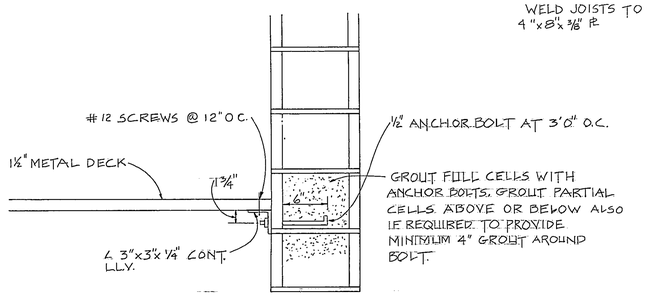


NOTE: ALL CONCRETE LINTELS SHALL BE PRECAST.

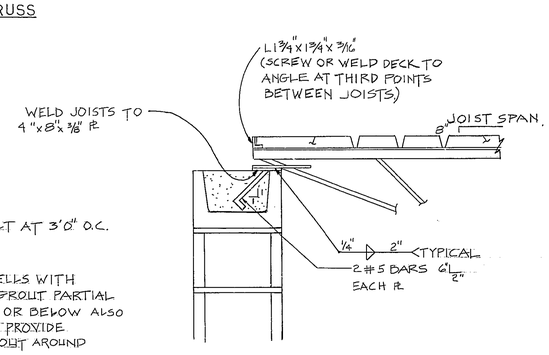
LINTEL
M.O. - E
SCALE: 1 1/2" = 1' 0"



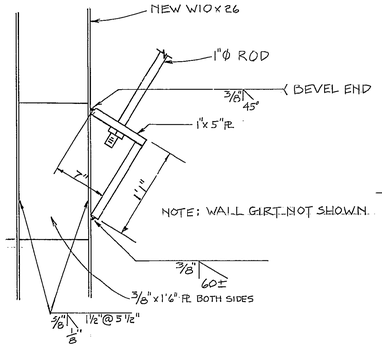
LINTEL
M.O. - F
SCALE: 1 1/2" = 1' 0"



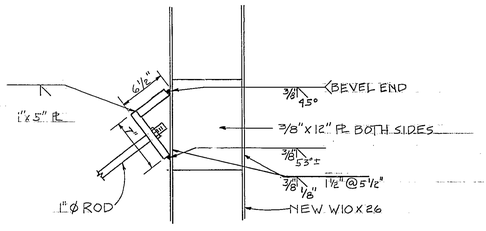
SECTION (1 / S5 S6)
SCALE: 1 1/2" = 1' 0"



SECTION (2 / S4 S6 / S5)
SCALE: 1 1/2" = 1' 0"

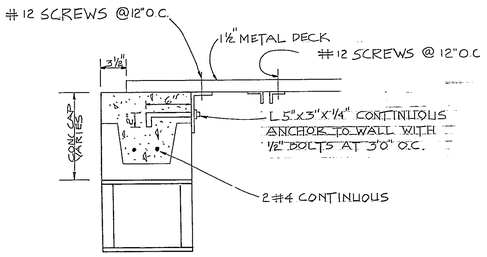


DETAIL (7 / S4 S6 / S5)

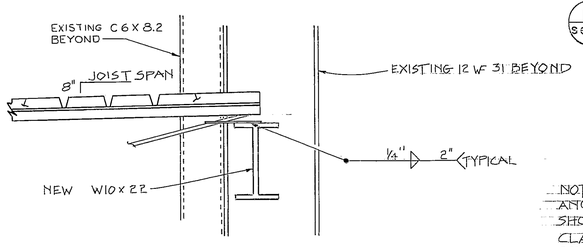


DETAIL (8 / S4 S6 / S5)

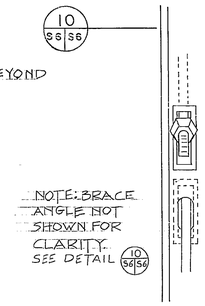
NOTE: FIELD CHECK TO VERIFY MATCH WITH EXISTING.



SECTION (3 / S4 S6 / S5)
SCALE: 1 1/2" = 1' 0"

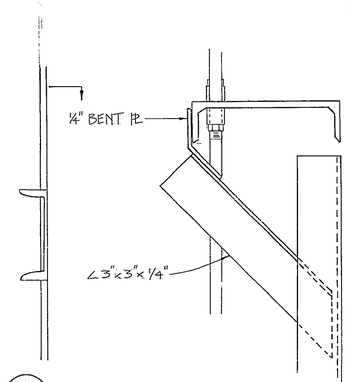


SECTION (4 / S5 S6)
SCALE: 1 1/2" = 1' 0"

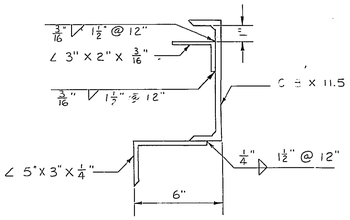


NOTE: BRACE ANGLE NOT SHOWN FOR CLARITY. SEE DETAIL (10 / S6 S6)

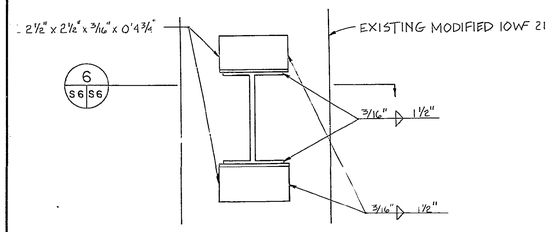
SECTION (9 / S4 S6 / S5)
SCALE: 3" = 1' 0"



SECTION (10 / S6 S6)
SCALE: 3" = 1' 0"

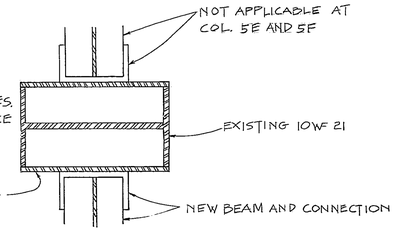


SECTION (12 / S4 S6 / S5)
SCALE: 3" = 1' 0"

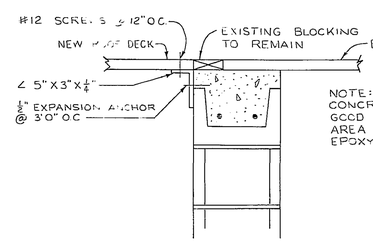


SECTION (5 / S4 S6)
SCALE: 3" = 1' 0"

NOTE: ONLY EXISTING COLUMNS 4E, 4F, 5E, AND 5F ARE REINFORCED WITH THE ADDITIONAL 1/4" PLATES. ALL OTHER COLUMNS ARE STANDARD SECTIONS.



SECTION (6 / S6 S6)
SCALE: 3" = 1' 0"



NOTE: IF DRILLING ANGLES DAMAGES CONCRETE BLOCK SO AS TO PREVENT GOOD ANCHORAGE, GROUT DAMAGED AREA AROUND ANCHORS WITH EPOXY MORTAR.

SECTION (11 / S4 S6)
SCALE: 1 1/2" = 1' 0"

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH			
STRUCT	DOF	MEF	DOF
MECH			
ELECTR			
CIVIL			

APPR — CHIEF, ENGINEERING SECTION
APPR — FIRE CHIEF
APPR — CORROSION CONTROL ENGR
APPR — GROUND SAFETY OFFICER
APPR — BIOENVIRONMENTAL ENGR
APPR — CHIEF CONST MGMT SECTION

SHEET 15 OF 31 SHEETS

APPROVED
NAME TITLE
USING AGENCY

NR	SY	DATE	REVISION	CHKD.

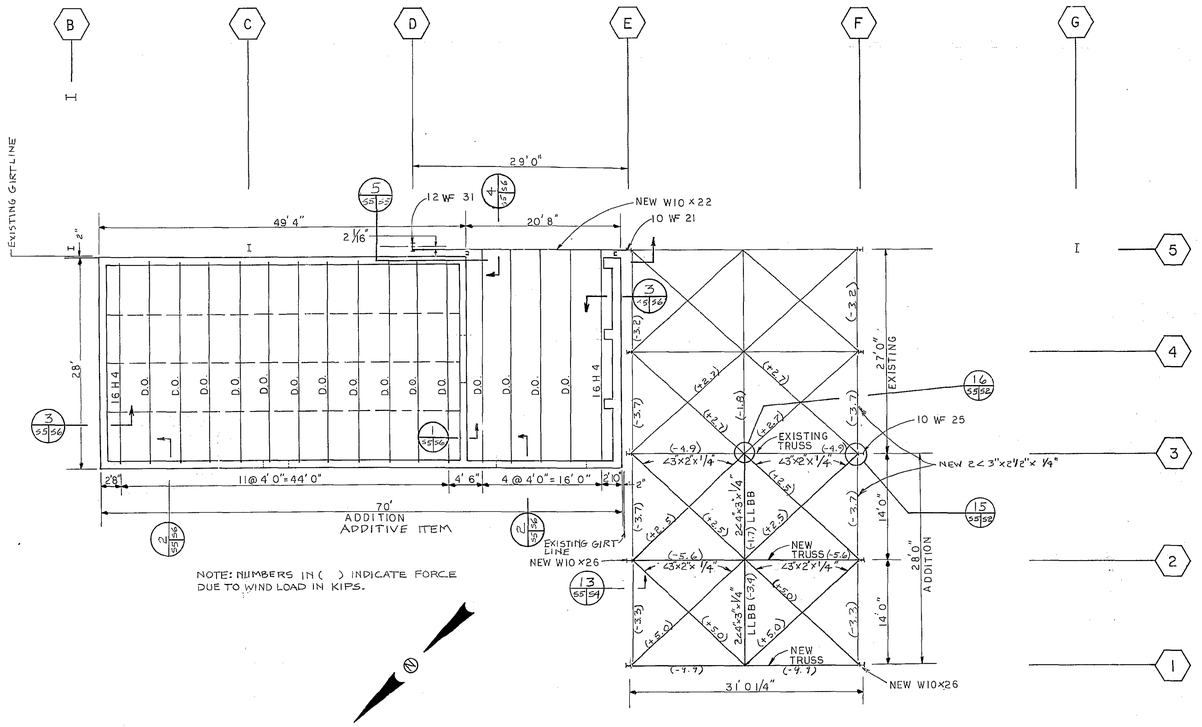
WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL A/C MAINT. FACILITY
BUILDING 44 & 55
DETAILS AND SECTIONS

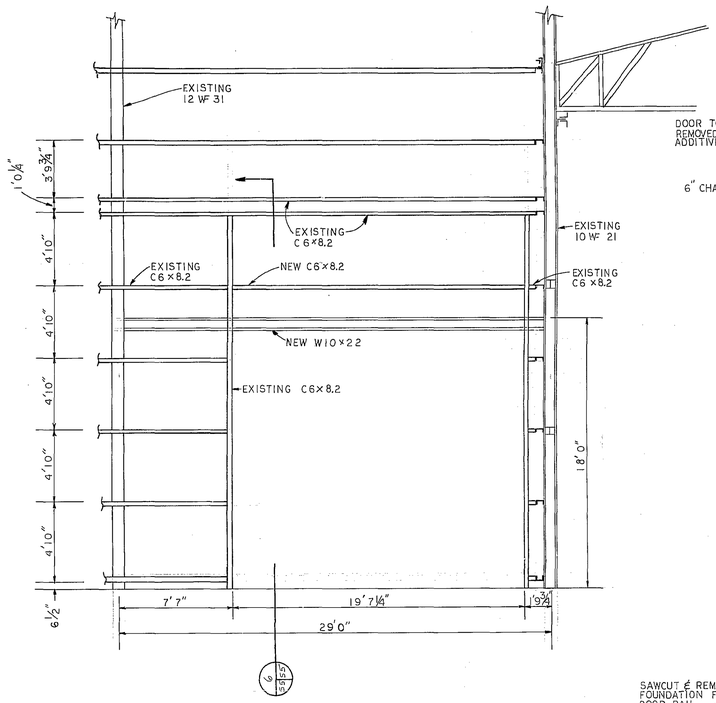
SUBMITTED
CHIEF ENGR. & CONST. BRANCH
APPROVED
THE CIVIL ENGINEER

DATE 5 NOV 79 | PROJECT NR. WR 123-9 | DRAWING NR. 15-79-44

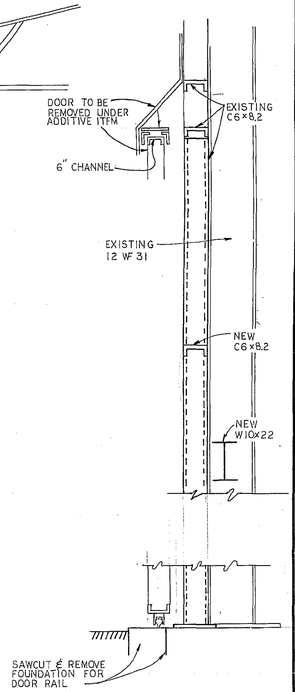
PLATE S-6



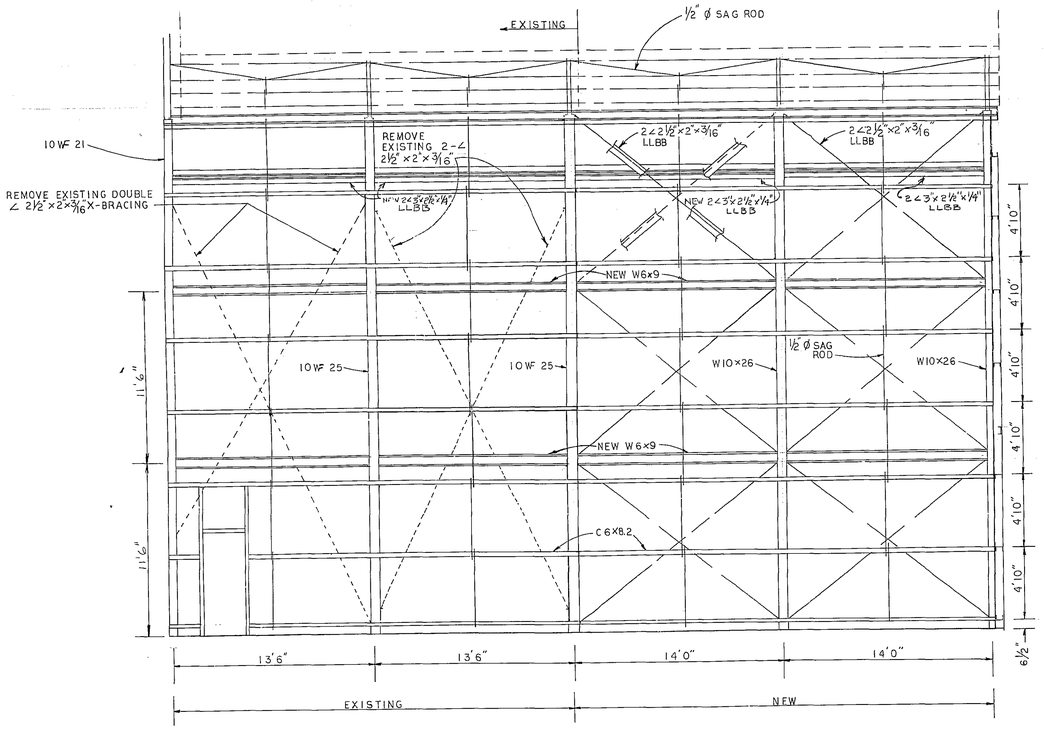
BOTTOM CHORD FRAMING PLAN — NOSE ADDITION
ROOF FRAMING PLAN — STORAGE ADDITION
BUILDING 44
SCALE: 1/8"=1'



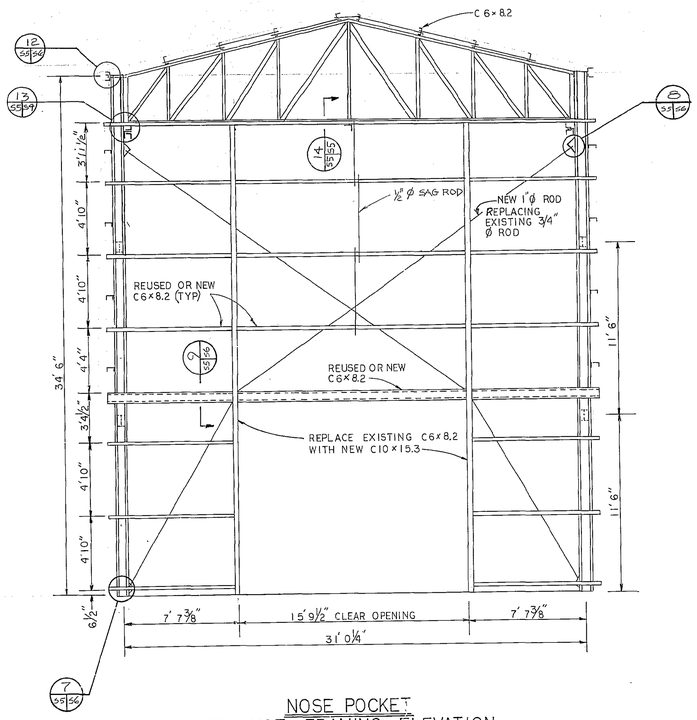
PARTIAL NORTHWEST FRAMING ELEVATION
SCALE: 1/4"=1'0"



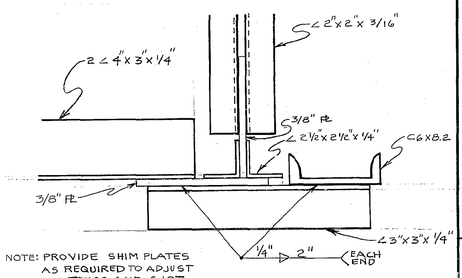
SECTION
SCALE: 3/4"=1'0"



NOSE POCKET
NORTHEAST FRAMING ELEVATION
SCALE: 1/4"=1'



NOSE POCKET
NORTHWEST FRAMING ELEVATION
SCALE: 1/4"=1'



NOTE: PROVIDE SHIM PLATES AS REQUIRED TO ADJUST FOR TRUSS AND GIRT DEFLECTION.

DETAIL
SCALE: 3"=1'0"

APPROVED

NAME TITLE

USING AGENCY

NR	BY	DATE	REVISION	CHKD.

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH			
STRUCT	DPF	MEF	DPF
MECH			
ELECTR			
CIVIL			

APPR. CHIEF ENGINEERING SECTION
APPR. FIRE CHIEF
APPR. CORROSION CONTROL ENGR.
APPR. GROUND SAFETY OFFICER
APPR. BIOENVIRONMENTAL ENGR.
APPR. CHIEF CONST MGMT. SECTION
SHEET 14 OF 31 SHEETS

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

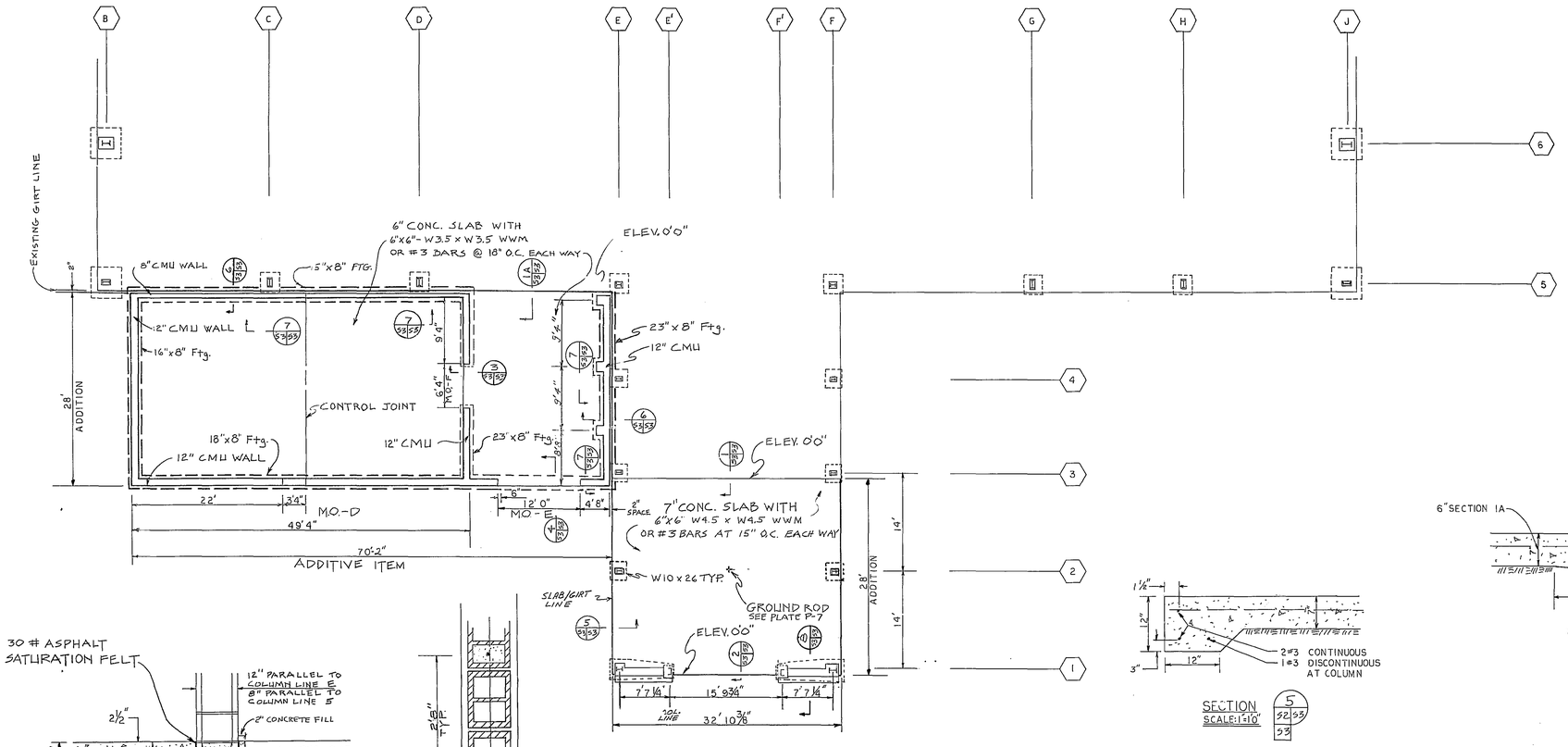
ADAL A/C MAINT. FACILITY
BUILDING 44
FRAMING PLAN
AND ELEVATIONS

SUBMITTED
CHIEF ENGR. & CONST. BRANCH
APPROVED
THE CIVIL ENGINEER

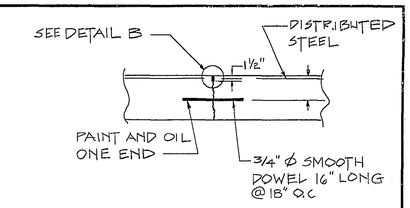
DATE 5 NOV 79 | PROJECT NR. WR123-9 | DRAWING NR. 15-79-44

PLATE S-5

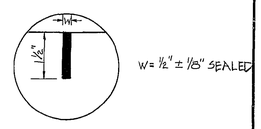
1/4"=1'0"



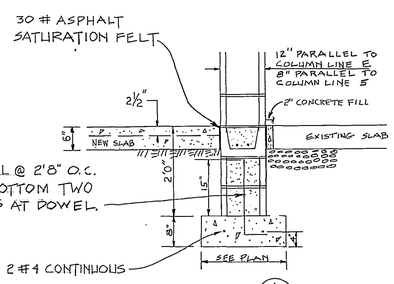
FOUNDATION PLAN BLDG. 44
SCALE: 1/8" = 1'0"



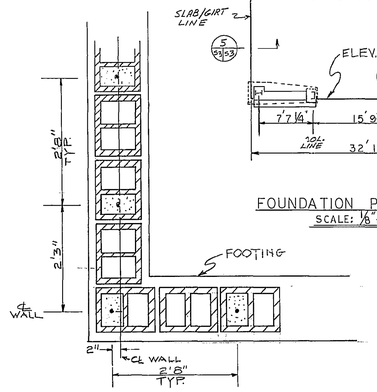
CONTROL JOINT
SCALE: 3/4" = 1'0"



SAWED OR FORMED
DETAIL B
NOT TO SCALE

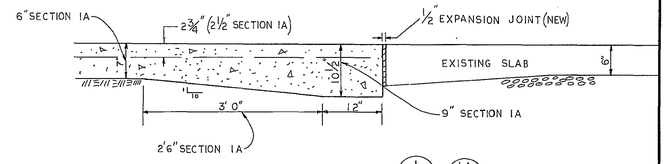


SECTION 6/52 53/53
SCALE: 3/4" = 1'0"

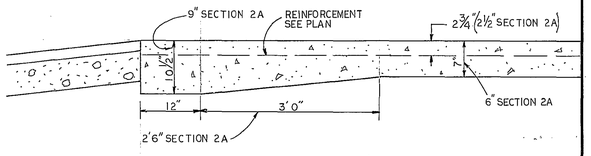


PLAN-FOOTING DOWEL PATTERN
NOT TO SCALE

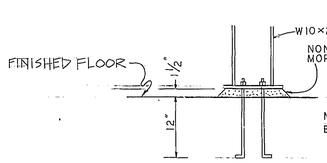
SECTION 5/52 53/53
SCALE: 1"=1'0"



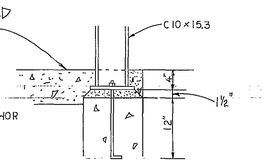
SECTION 1/53 53 1A/52 53/53
SCALE: 1"=1'0"



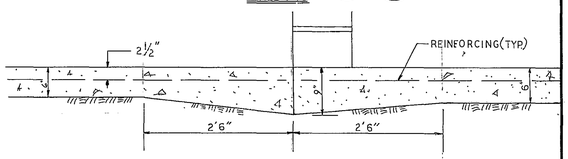
SECTION 2/53 53 2A/52 53/53
SCALE: 1"=1'0"



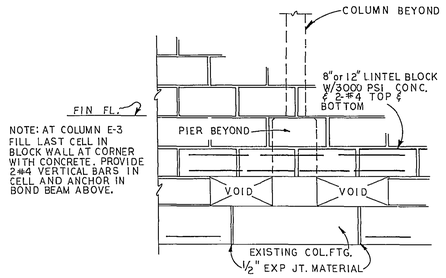
ANCHOR BOLT DETAILS
MAIN COLUMNS
NOT TO SCALE



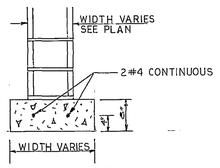
ANCHOR BOLT DETAIL
END WALL COLUMNS
NOT TO SCALE



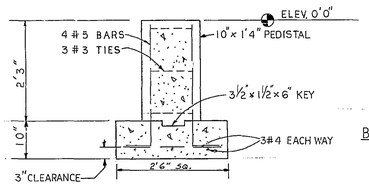
SECTION 3/1
SCALE: 1"=1'0"



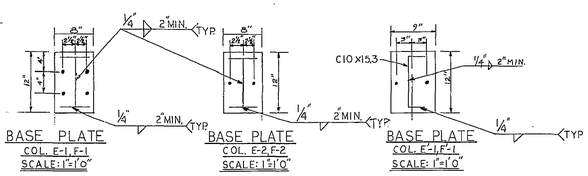
SECTION 7/53



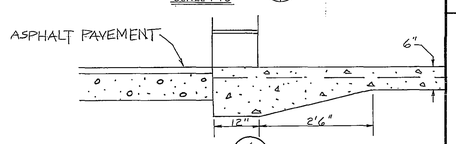
TYPICAL WALL FOOTING
SCALE: 3/4" = 1'0"



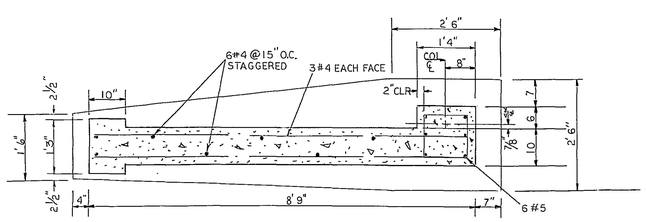
TYPICAL INTERIOR FOOTING
NOSE ADDITION
SCALE: 3/4" = 1'0"



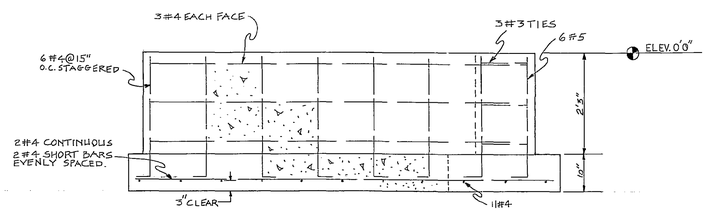
NOTE: ALL BASE PL'S ARE ½" THICK



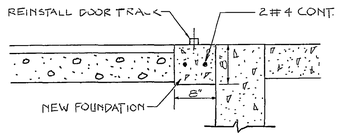
SECTION 4/53 53/53
SCALE: 3/4" = 1'0"



SECTIONAL PLAN
FOOTING 1-F
(1-E OPPOSITE HAND)
SCALE: 3/4" = 1'0"



SECTIONAL ELEVATION
FOOTING 1-F
(1-E OPPOSITE HAND)
SCALE: 3/4" = 1'0"



8/53 3
TYPICAL DETAIL
DOOR TRACK FOUNDATION
SCALE: 1" = 1'0"

PLATE S-3

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH			
STRUCT	DPF	MEF	DPF
MECH			
ELECTR			
CIVIL			

APPR. CHIEF ENGINEERING SECTION
APPR. FIRE CHIEF
APPR. CORROSION CONTROL ENGR
APPR. GROUND SAFETY OFFICER
APPR. BIOENVIRONMENTAL ENGR
APPR. CHIEF CONST MGMT SECTION

SHEET 12 OF 31 SHEETS

APPROVED
NAME TITLE
USING AGENCY

NR	BY	DATE	REVISION	CHKD.

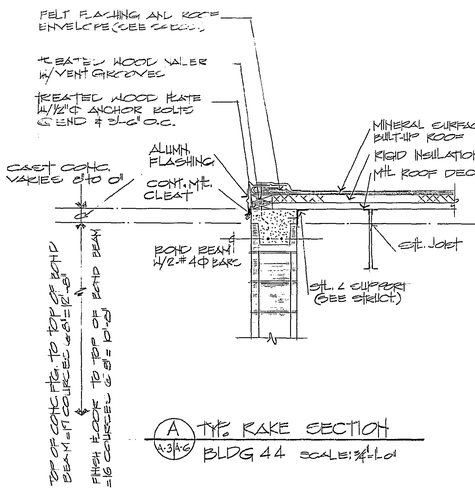
WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL A/C MAINT. FACILITY
BUILDING 44
FOUNDATION PLAN
AND DETAILS

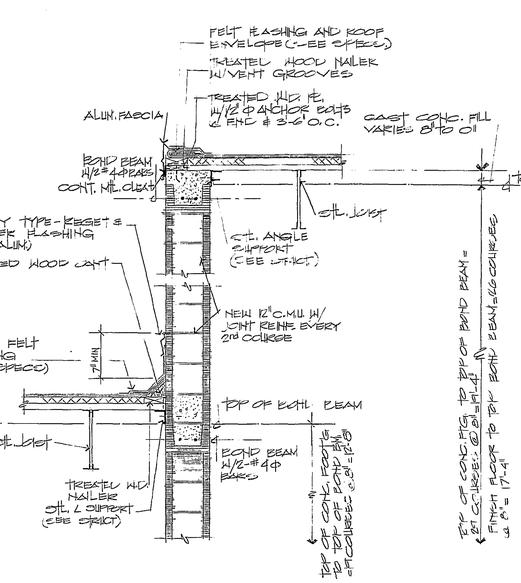
SUBMITTED
CHIEF ENGR. & CONST. BRANCH
APPROVED
THE CIVIL ENGINEER

DATE 5 NOV 79 | PROJECT NR WR 123-9 | DRAWING NR 15-79-44

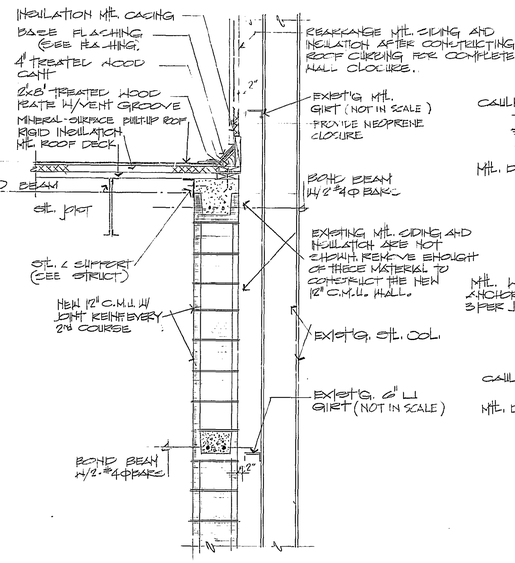
NOTE:
DOOR SHALL BE BEVELED AT RATE OF 1/8" TO 2", HINGE AND LOCKING STILE



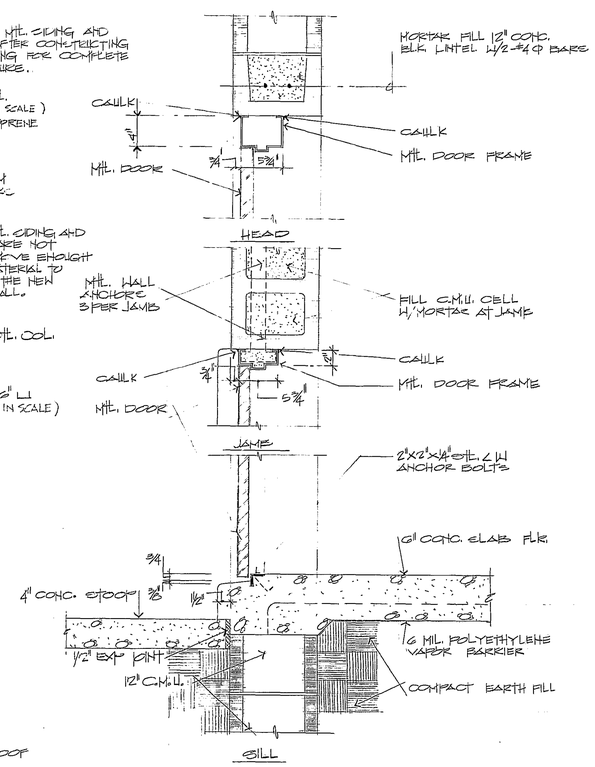
A TYP. RAKE SECTION
A-3 A-6 BLDG 44 SCALE: 3/4"=1'-0"



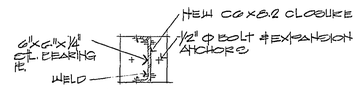
B WALL SECTION
A-3 A-6 STORAGE AREA-PASSAGEWAY (BLDG 44)
SCALE: 3/4"=1'-0"



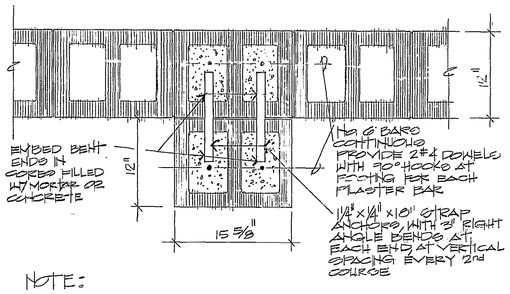
C WALL SECTION
A-3 A-6 PASSAGEWAY (BLDG. 44)
SCALE: 3/4"=1'-0"



D TYP. EXT. DOOR DETAILS
A-2 A-6 SCALE: 1 1/2"=1'-0"

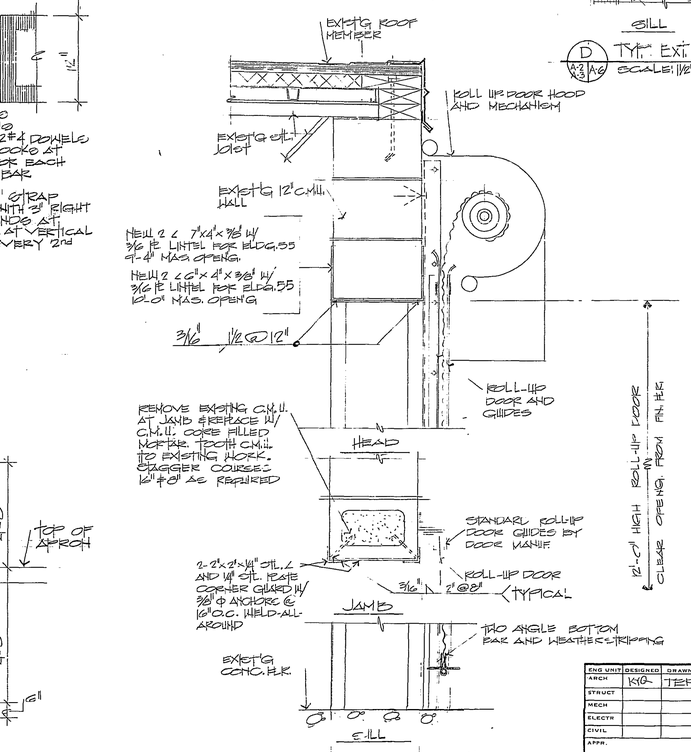


- PLAN VIEW -
MTL. ANCHORAGE DET.
SCALE: 1 1/2"=1'-0"

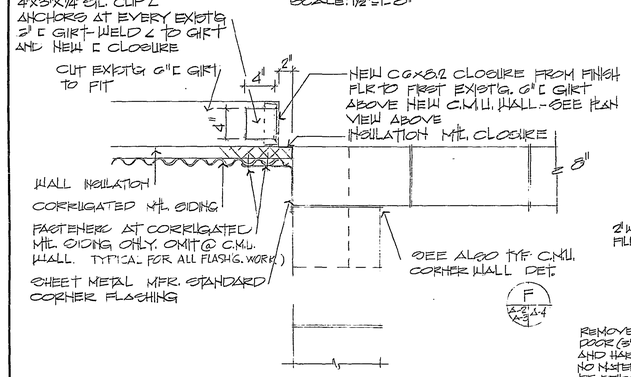


NOTE:
STOP PILASTER ONE COURSE FROM TOP OF WALL

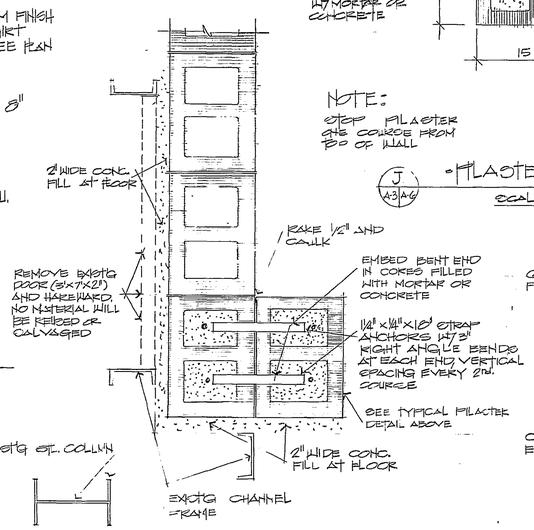
J - PILASTER DETAIL -
A-3 A-6 SCALE: 1 1/2"=1'-0"



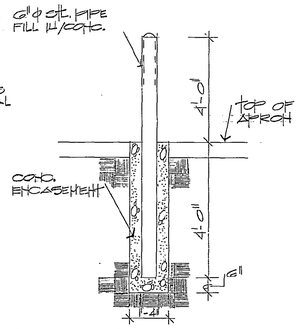
E EXT. MOUNT ROLL-UP DOOR DETAIL
A-2 A-6 SCALE: 1 1/2"=1'-0"



H CORNER WALL DET. @ BLDG. 55
A-2 A-6 NEW STORAGE RM.
G 4 SCALE: 1 1/2"=1'-0"



G - CORNER DETAIL @ BLDG. 44 PASSAGEWAY -
A-3 A-6 SCALE: 1 1/2"=1'-0"



F - TYP. WHEEL GUARD DETAIL -
A-2 A-6 A-3 SCALE: 1/2"=1'-0"

APPROVED

NAME	TITLE
USING AGENCY	

NR	BY	DATE	REVISION	CHKD.

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH	KHG	TEP	JDW
STRUCT			
MECH			
ELECTR			
CIVIL			

APPR. CHIEF ENGINEERING SECTION
APPR. FIRE CHIEF
APPR. CORROSION CONTROL ENGR.
APPR. GROUND SAFETY OFFICER
APPR. BIOENVIRONMENTAL ENGR
APPR. CHIEF CONST MGMT SECTION

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL A/C MAINTENANCE FACILITY

WALL SECTIONS, DOOR DETAILS AND MISC. DETAILS BLDG 44

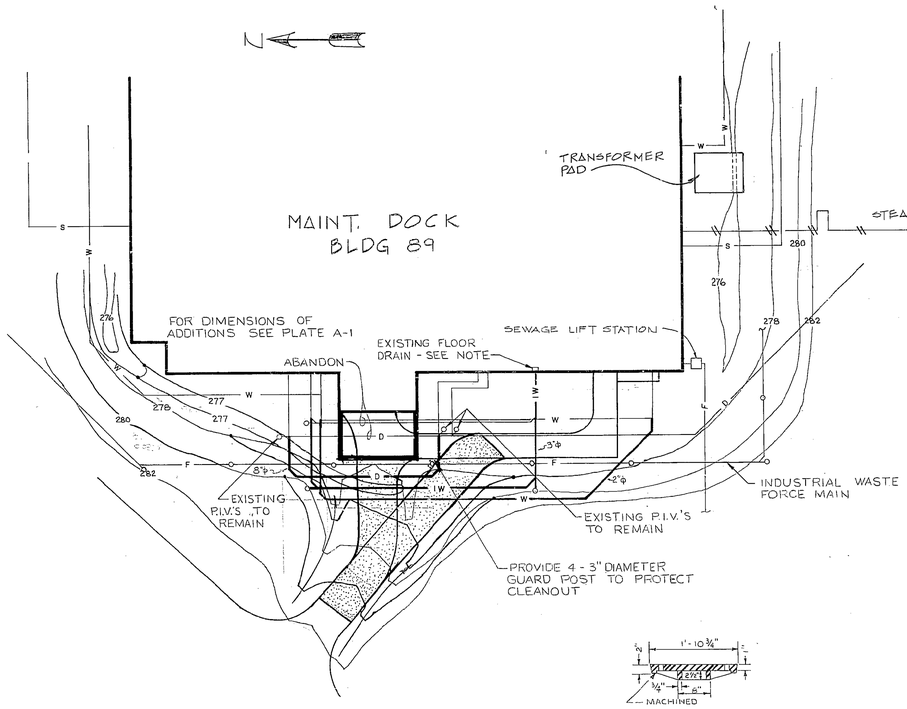
(ARCHITECTURAL)

SUBMITTED
CHIEF ENGR. & CONST. BRANCH
APPROVED
THE CIVIL ENGINEER

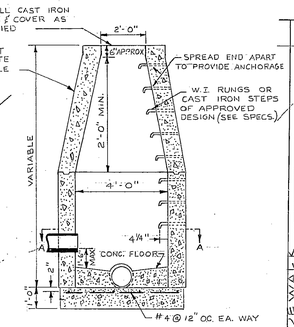
PLATE A-6

SHEET 9 OF 31 SHEETS | DATE: 5-NOV 79 | PROJECT NR. WR-123-9 | DRAWING NR. 15-79-44

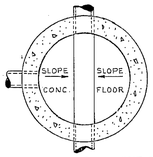
1/2" 1" 0"
1/4" 1/2" 3/4" 1" Engineer Scale
2 1 0 2



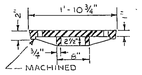
SITE PLAN
SCALE 1"=30'-0"



TYPICAL SECTION WITH STANDARD CONNECTIONS
N.T.S.

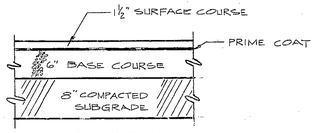


HORIZONTAL SECTION A-A

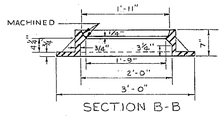


SECTION C-C

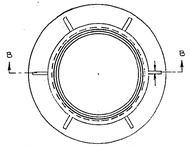
PLAN OF COVER
N.T.S.



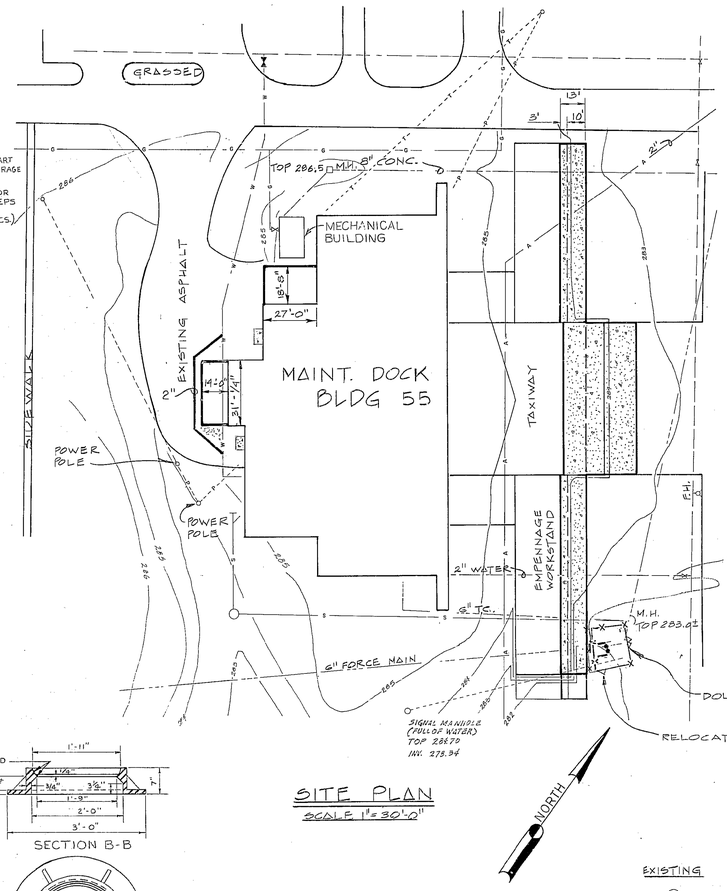
TYPICAL PAVEMENT SECTION
NTS



SECTION B-B



PLAN OF FRAME
N.T.S.



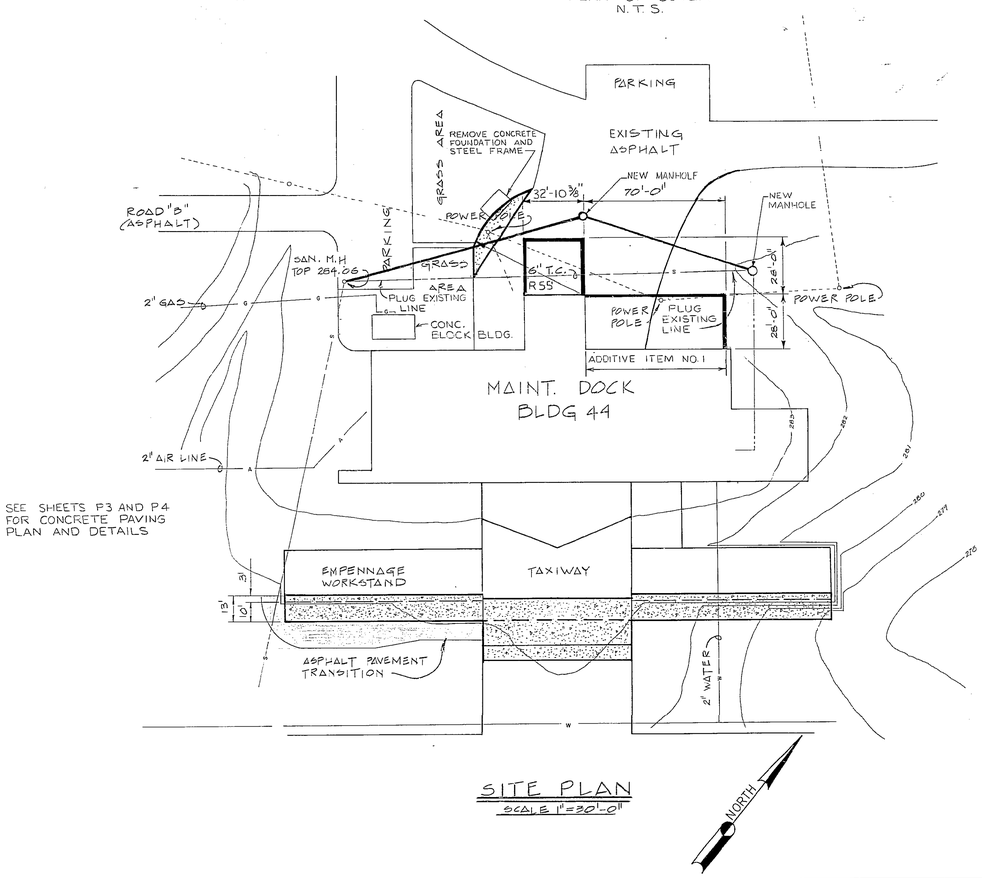
SITE PLAN
SCALE 1"=30'-0"

SEE SHEETS P3 AND P4 FOR CONCRETE PAVING PLAN AND DETAILS.

NOTE: STEEPEN SLOPE IN THIS AREA TO AVOID LIFT STATION PIPES. WHERE GROUND IS STEEPER THAN 2:1, SPREAD 4" TOPSOIL AND THEN BLOCK SOD THE AREA TO ENSURE NO EROSION WILL OCCUR.

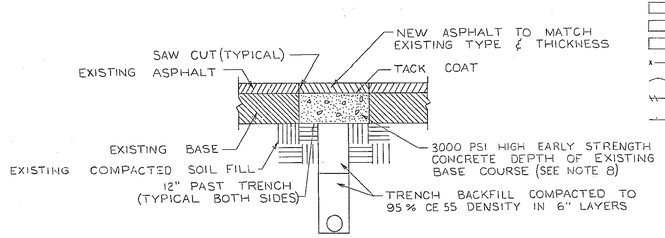
LEGEND

EXISTING		NEW
	MAN HOLE	
W	WATER	W
G	GAS	G
P	ELECT. POWER	P
	POWER POLE	
S	SEWER	S
	FORCE MAIN	
A	AIR LINE	A
	ASPHALT	
	CONCRETE SLAB	
	BLDG. STRUCTURE	
X	FENCE	X
	CONTOURS	
	STEAM	
IW	INDUSTRIAL WASTE	IW



SITE PLAN
SCALE 1"=30'-0"

SEE SHEETS P3 AND P4 FOR CONCRETE PAVING PLAN AND DETAILS



TRENCH REPAIR DETAIL
N.T.S.

NOTES:
1. MATCH NEW PAVEMENT ELEVATION TO OLD PAVEMENT.
2. SEE PLATE E-3 FOR RELOCATED UTILITY LINES AND POLES AT BUILDING 44.
3. EXTREME CAUTION SHOULD BE EXERCISED WHEN ERECTING STEEL ON BUILDING 55 TO AVOID CONTACT WITH OVERHEAD POWER LINES.
4. ALL MECHANICAL JOINTS ON METALLIC PIPE SHALL BE BONDED.
5. A MINIMUM OF 6" HORIZONTAL AND VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN ALL PIPE LINES.
6. SEE SECTION 15F-4.1.1 FOR MINIMUM CLEARANCE BETWEEN ADJACENT WATER LINES AND MINIMUM CLEARANCE BETWEEN WATER LINES AND INDUSTRIAL WASTE.
7. NEW INDUSTRIAL WASTE LINE SHALL BE RUN AT 1/8"/FOOT SLOPE. NEW LINE SHALL STUB INTO EXISTING FLOOR DRAIN IN BUILDING 89.
8. WHEN TOP OF TRENCH IS 6 FOOT WIDE OR WIDER, CRUSHED STONE BASE MATERIAL COMPACTED TO 100% CE 55 DENSITY MAY BE SUBSTITUTED FOR CONCRETE FILL.

APPROVED
NAME TITLE
USING AGENCY

SEE SHEET 1 OF 31 FOR APPROVED SIGNATURES

NR	BY	DATE	REVISION	CHKD.

	DESIGNED	DRAWN	CHECKED
ENG UNIT			
ARCH			
STRUCT			
MECH			
ELECTR			
CIVIL	WK	PC	DFF

APPR. CHIEF ENGINEERING SECTION
APPR. FIRE CHIEF
APPR. CORROSION CONTROL ENGR.
APPR. GROUND SAFETY OFFICER
APPR. BIOENVIRONMENTAL ENGR.
APPR. CHIEF CONST MGMT. SECTION

WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

ADAL - AIRCRAFT MAINTENANCE FACILITY

SITE PLAN - BLDGS. 44, 55, AND 89

SUBMITTED
CHIEF ENGR. & CONST. BRANCH
APPROVED
THE CIVIL ENGINEER

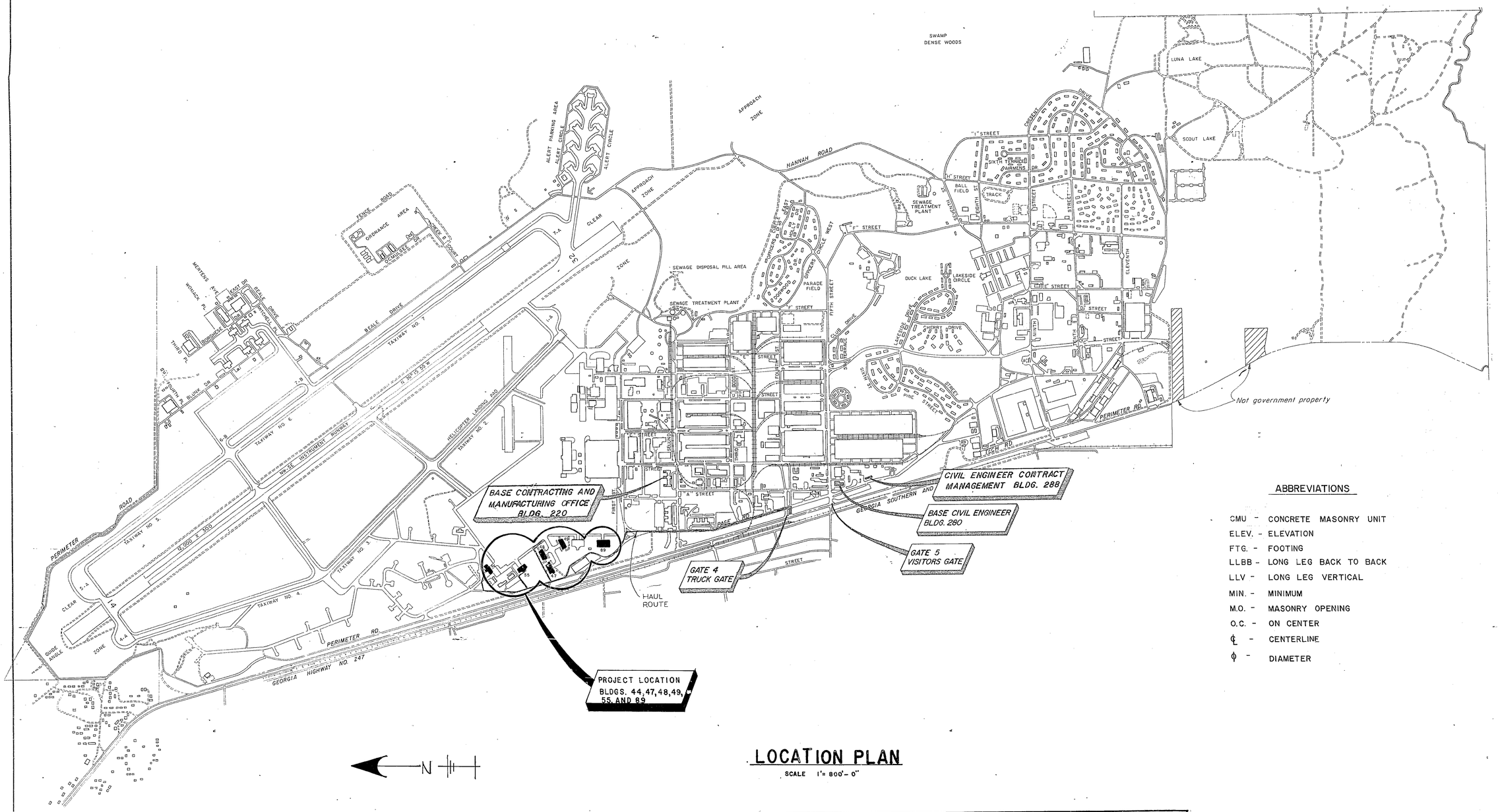
PLATE P-1
SHEET 2 OF 31 SHEETS
DATE: 5 NOV 79
PROJECT NR. WR 123 - 9
DRAWING NR. 15-79-44

1"=300'
300 0 300

BLDG 44

16

24



LOCATION PLAN

SCALE 1" = 800' - 0"

ABBREVIATIONS

- CMU - CONCRETE MASONRY UNIT
- ELEV. - ELEVATION
- FTG. - FOOTING
- LLBB - LONG LEG BACK TO BACK
- LLV - LONG LEG VERTICAL
- MIN. - MINIMUM
- M.O. - MASONRY OPENING
- O.C. - ON CENTER
- ℄ - CENTERLINE
- ϕ - DIAMETER

INDEX OF DRAWING

SHEET NR.	PLATE NR.	TITLE	SHEET NR.	PLATE NR.	TITLE	SHEET NR.	PLATE NR.	TITLE	SHEET NR.	PLATE NR.	TITLE
1	X-1	LOCATION PLAN AND INDEX	10	S-1	ROOF AND FOUNDATION PLANS & DETAILS BLDG 89	19	P-5	EMPENNAGE WORK STAND PAVEMENT AND JOINTS DETAILS	27	E-2	ELECTRICAL PLAN BLDG 89
2	P-1	SITE PLAN BLDGS. 44,55 AND 89	11	S-2	FOUNDATION PLAN AND DETAILS BLDG 55	20	P-6	EMPENNAGE WORK STAND PAVEMENT 48 AND 49	28	E-3	" " " 44
3	P-2	SITE PLAN BLDGS. 47,48 AND 49	12	S-3	FOUNDATION PLAN AND DETAILS BLDG 44	21	P-7	TIE-DOWN ANCHOR/GROUND ROD LAYOUT PLAN FOR EMPENNAGE WORKSTAND AND DETAILS	29	E-4	" " " 55
			13	S-4	FRAMING PLAN AND ELEVATIONS BLDG 55	22	P-8	AIRCRAFT TIE DOWN AND APRON MARKING DETAILS	30	E-5	LIGHTING PLAN, DETAILS AND SCHEDULES BLDG 55
			14	S-5	FRAMING PLAN AND ELEVATIONS BLDG 44				31	E-6	ELECTRICAL DETAILS
4	A-1	FLOOR PLAN AND DETAILS BLDG 89	15	S-6	SECTIONS AND DETAILS BLDGS 44 AND 55						
5	A-2	FLOOR PLAN AND ELEVATIONS BLDG 55	16		VOID (THIS SHEET NOT REQ'D)	23	M-1	STEAMLINE FOR NEW ADDITION BLDG 44			
6	A-3	FLOOR PLAN AND ELEVATIONS BLDG 44				24	M-2	" " " " " 55			
7	A-4	WALL SECTIONS AND DETAILS BLDGS 44 AND 55				25	M-3	SPRINKLER SYSTEM FOR ADDITION BLDG 83			
8	A-5	WALL SECTIONS AND DETAILS BLDGS 44 AND 55									
9	A-6	WALL SECTIONS, DOOR DETAILS, MISC. DETAILS	17	P-3	EMPENNAGE WORK STAND BLDGS. 55 AND 44						
		BUILDING 44, 55	18	P-4	" " " " " " "	26	E-1	ELECTRICAL DEMOLITION PLAN 44,55 AND 89			

APPROVED H. E. Wilson LT. COL. USAF (MASES) 4/12
NAME TITLE

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH	KNO		
STRUCT	DPF	MCF/CM	DPF
MECH	LA		
ELECT	WJH		
CIVIL	WMK	PC/CMA	DPF

USING AGENCY

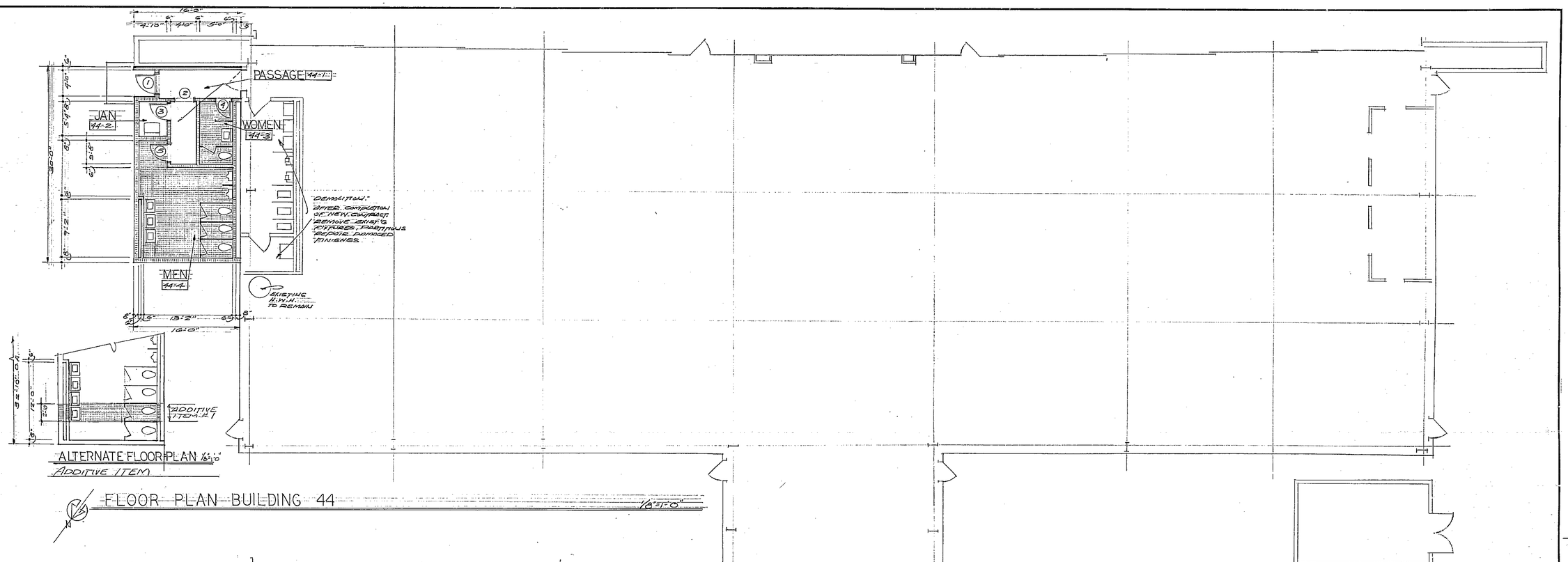
NO	BY	DATE	REVISION	CHKD
1			AS-BUILT VOU # 82-252	

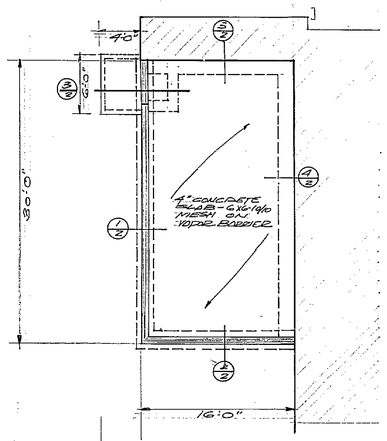
WARNER ROBINS ALC
CIVIL ENGINEERING DIVISION
ROBINS AIR FORCE BASE GEORGIA

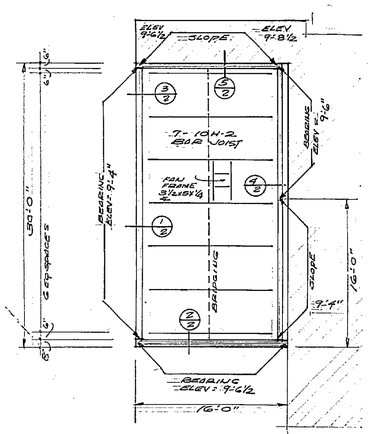
ADAL A/C MAINT. FACILITY
LOCATION PLAN

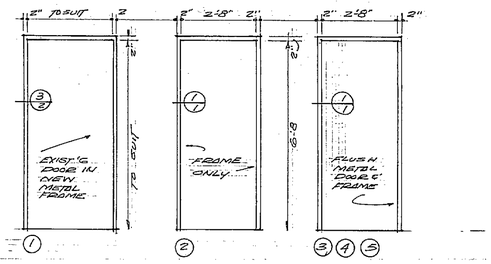
SUBMITTED PE
CHIEF ENGR. & CONST. BRANCH
APPROVED PE. 29 FEB 80
THE CIVIL ENGINEER

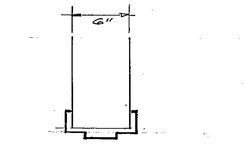
PLATE	SHEET	OF	SHEETS	DATE	PROJECT NR	DRAWING NR
X-1	1		31	5 NOV 79	WR-123-9	15-79-44











FINISH SCHEDULE

SPACE	FLOOR	BASE	WALLS	CEILING	REMARKS
PASSAGE 44-1	VINYL ASB.	4" VINYL	CONC BLK PAINTED	LAY-IN FACTORY FINISHED GYP BD	7'-4 CEILING HEIGHT
JAN. 44-2	VINYL ASB.	4" VINYL	CONC. BLK. PAINTED		7'-4 CEILING HEIGHT
WOMEN 44-3	CERAMIC TILE-NOTE #1	4" CER. TILE ROLL TOP	CONC BLOCK GLAZED COATING		1'-4" MARBLE T.H @ DOOR #4 7'-4 CEILING HEIGHT
MEN 44-4	CERAMIC TILE-NOTE #1	4" CER. TILE ROLL TOP	CONC BLOCK GLAZED COATING		1'-4" MARBLE T.H @ DOOR #5 7'-4" CEILING HEIGHT

NOTE #1 — INSTALL CERAMIC TILE PER TILE COUNCIL OF AMERICA PUB. # 101-73

APPROVED
NAME TITLE
USING AGENCY

GEORGIA REGISTERED No. 303 ARCHITECT WARD DENNIS

Ward Dennis 5-1-73

ENG UNIT	DESIGNED	DRAWN	CHECKED
ARCH			(rr)
STRUCT			FDL
MECH			
ELECTR			
CIVIL			

APPR. CHIEF ENGINEERING SECTION
APPR. FIRE CHIEF
APPR. CORROSION CONTROL ENGR.
APPR. GROUND SAFETY OFFICER
APPR. INDUSTRIAL HYGIENE ENGR.
APPR. CHIEF CONST MGMT. SECTION

SHEET 1 OF 5 SHEETS

NR	BY	DATE	REVISION	CHKD.

CIVIL ENGINEERING DIVISION
• W • R • A • M • A •
ROBINS AIR FORCE BASE GEORGIA

ALTER BLDG 44 & CONSTRUCT RESTROOMS
ARCHITECTURAL & STRUCTURAL PLANS

SUBMITTED CHIEF ENGR. & CONST. BRANCH
APPROVED THE CIVIL ENGINEER

DATE: 1 MAY 1973 | PROJECT NR. WR-132-3 | DRAWING NR. 8-73-41

COMP. 15 NOV 74
VOU. 74-2092
2093

Dietzgen N. O. 130M-2 "Agaproof Film"