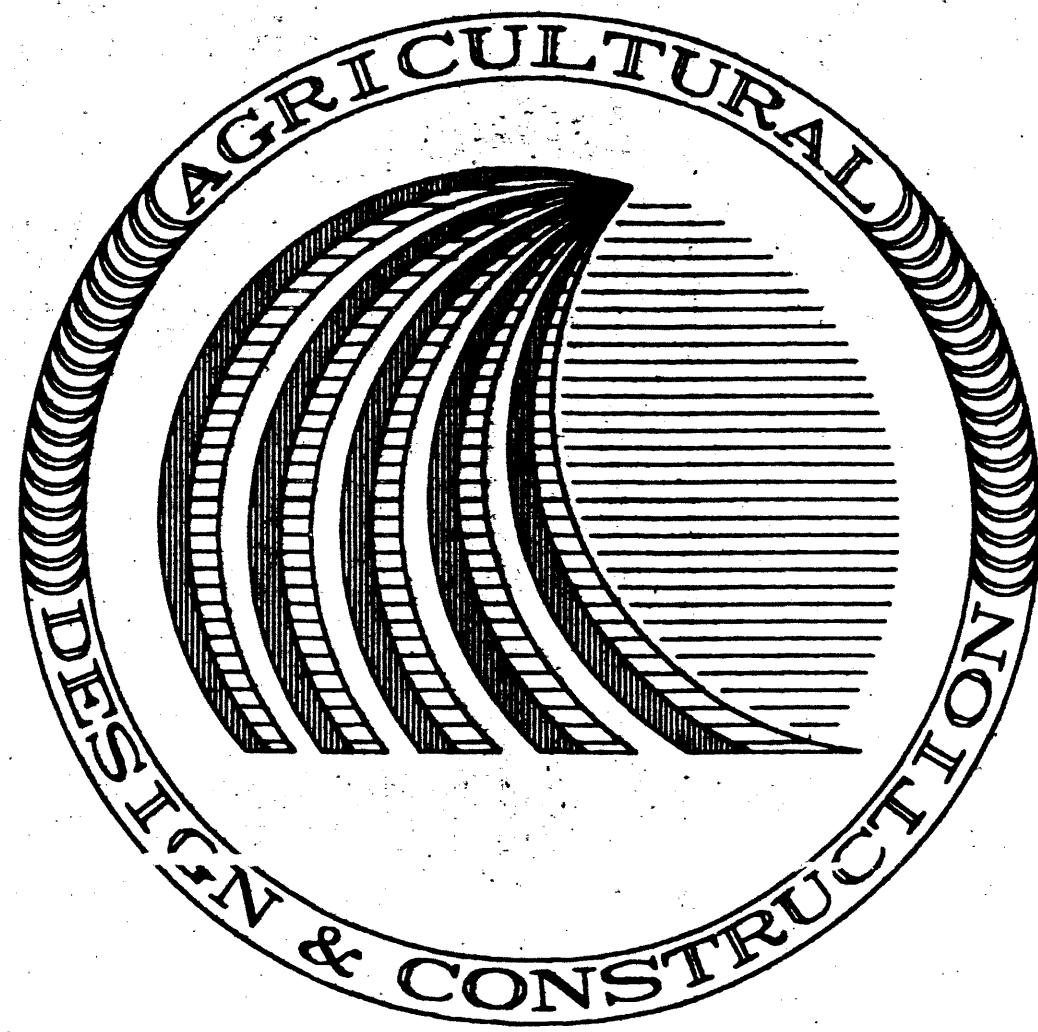


EQUINE FENCING PROJECT

VETERINARY SCIENCES DEPARTMENT

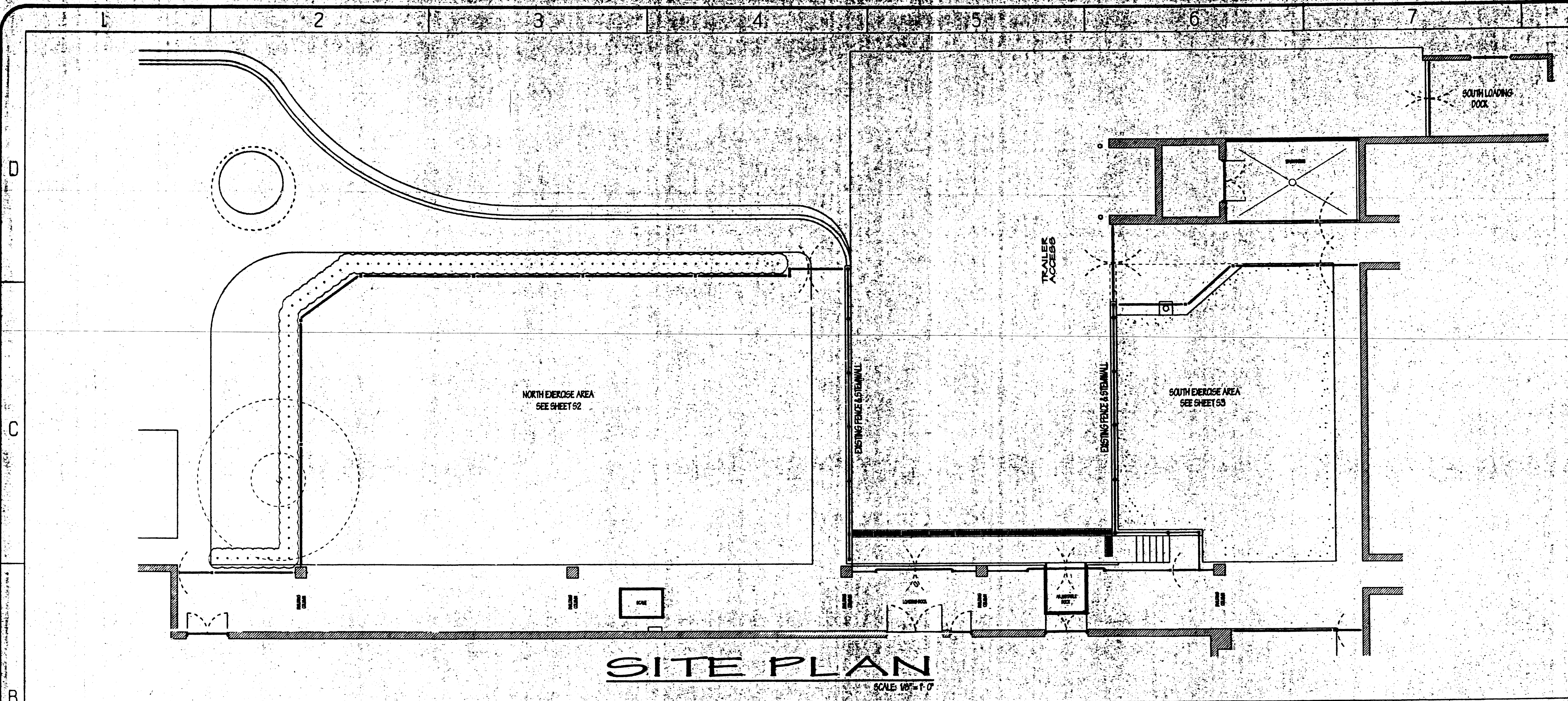
GLUCK EQUINE CENTER LEXINGTON, KENTUCKY



COLLEGE OF AGRICULTURE

UNIVERSITY OF KENTUCKY, LEXINGTON, KY

- S1: SITE PLAN & GENERAL CONSTRUCTION NOTES
- S2: NORTH EXERCISE AREA: ENLARGED PLAN
- S3: SOUTH EXERCISE AREA: ENLARGED PLAN
- S4: SWINGING GATE SCHEDULE
- S5: FIXED PANEL DETAIL
- S6: STEEL POST INSTALLATION SCHEMA
- S7: DOC LOC INSTALLATION DETAIL



SITE PLAN

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

VETERINARY SCIENCES DEPARTMENT - FENCING PROJECT

CONTRACTOR SHALL PROVIDE ALL LABOR TO INSTALL FENCING, GATING, AND PANELS AS REPRESENTED IN THE PLANS.

OWNER WILL PROVIDE ALL FENCING AND GATING INCLUDING ALL FIXTURES TO HANG GATES AND PANELS TO POST AND TO AFFIX POST AND FIXTURES TO EXISTING STRUCTURES.

OWNER SHALL FURNISH LABOR AND MATERIALS TO DEMOLISH A PORTION OF THE SOUTH DOCK WALL AND INSTALL A NEW CONCRETE APRON AS INDICATED ON SHEET 53.

OWNER SHALL REMOVE EXISTING BRADFORD PEAR TREE IN NORTH EXERCISE AREA.

FENCING MATERIALS SHALL CONSIST OF THE FOLLOWING:

FENCE PANELS: HEAVY DUTY, HOT DIPPED GALVANIZED (HDG) UNITS MANUFACTURED BY ROHN AGRI PRODUCTS OR APPROVED EQUAL.

STEEL POSTS: AS INDICATED ON SHEET 56 & MANUFACTURED BY ROHN AGRI PRODUCTS OR APPROVED EQUAL.

GATES & HINGES: HEAVY DUTY, HOT DIPPED GALVANIZED (HDG) UNITS MANUFACTURED BY ROHN AGRI PRODUCTS OR APPROVED EQUAL.

LATCHES: HEAVY DUTY, HOT DIPPED GALVANIZED (HDG) UNITS.

CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING LOCATION OF EXISTING UTILITIES. OWNER SHALL BE CONTACTED IF POSTS ARE FOUND TO INTERFERE WITH ANY UNDERGROUND UTILITIES.

CONTRACTOR IS RESPONSIBLE FOR CLEANING THE SITE UPON COMPLETION OF THE PROJECT.

WALL ATTACHMENTS SHALL BE MADE USING 3/8" THUNDERSTUD OR APPROVED EQUIVALENT.

BASE PLATES SHALL BE ATTACHED USING 1/2" THUNDERSTUD OR APPROVED EQUIVALENT.

ALL FASTENERS SHALL BE PLATED AND MEET ASTM GRADE 5 OR BETTER STRENGTH REQUIREMENTS. THE FOLLOWING TYPES OF FASTENERS SHALL BE USED:

METAL TO METAL: HEX BOLT, LOCK WASHER, & NUT

PROPER FASTENERS SHALL BE PROVIDED FOR ATTACHING POST CAPS.

ALL ATTACHMENT HOLES WILL BE DRILLED AT TIME OF INSTALLATION.

GATE SWINGS ARE AS INDICATED ON SHEETS 51, 52, & 53. CHANGES MAY BE MADE ONLY WITH THE APPROVAL OF THE PROJECT MANAGER.

APPROXIMATE DISTANCES ARE GIVEN FOR ESTIMATING PURPOSES ONLY. INSTALLER SHALL BE RESPONSIBLE FOR FIELD VERIFYING DISTANCES.

ALL POSTS PLACED IN EARTH SHALL BE INSTALLED AS FOLLOWS:

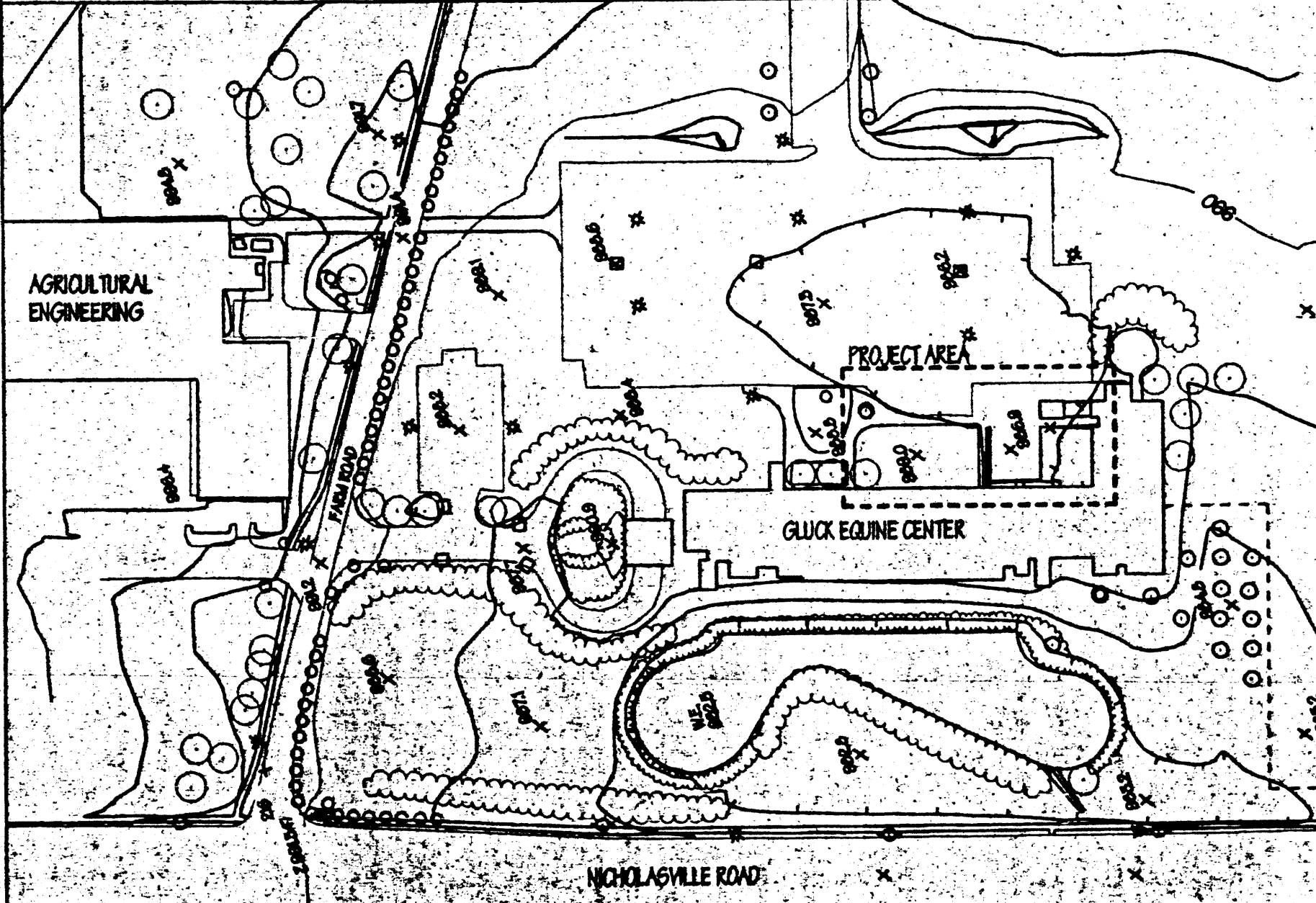
1 1/2" MINIMUM DIA. DUG HOLE
 POSTS PLACED ON MIN. 4" OF DENSE GRADE GRAVEL
 6" OF EARTH BACKFILL AT GROUND LEVEL

ACORN NUTS SHALL BE INSTALLED ON ANY HINGE BOLTS THAT PROTRUDE INTO AREAS EXPOSED TO HUMAN AND ANIMAL TRAVEL.

CONTRACTOR SHALL REMOVE THE EXISTING PLANK FENCING ON TOP OF THE STEM WALL AT THE LOADING DOCK AND DISPOSE OF SAME.

AREA MAP

SCALE: 1" = 100'



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COLLEGE OF AGRICULTURE

FENCING PROJECT
SITE PLAN AND NOTES

REVISIONS	DATE	CHK	DESCRIPTION	SUPPLIER

LINEAR MEASURE
 IN MM

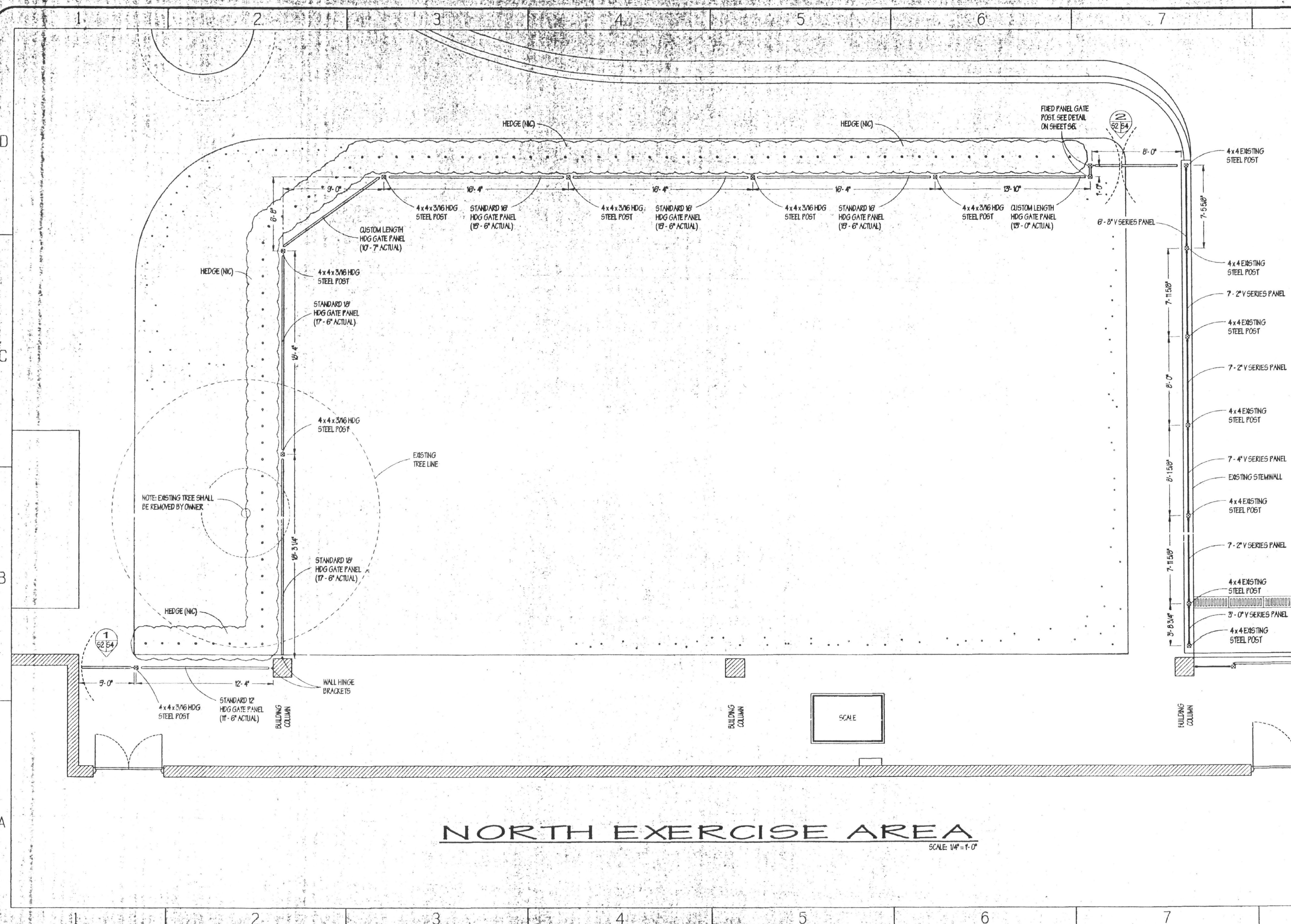
DRWS FOR:

INFORMATION
 SUBMITTAL
 APPROVAL
 CONSTRUCTION
 OTHER

DESIGN: GAW
 SCALE: AS NOTED
 DATE: 06/25/98
 SHEET: S1
 FILE: VETS01-01A.PRT

NORTH EXERCISE AREA

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



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 COLLEGE OF AGRICULTURE
 NORTH EXERCISE AREA
 FENCING PLAN

CH#	DATE	REVISIONS	DESCRIPTION	SUPPLIER

LINEAR MEASURE
 IN MM

DRWS FOR:

INFORMATION

SUBMITTAL

APPROVAL

CONSTRUCTION

OTHER

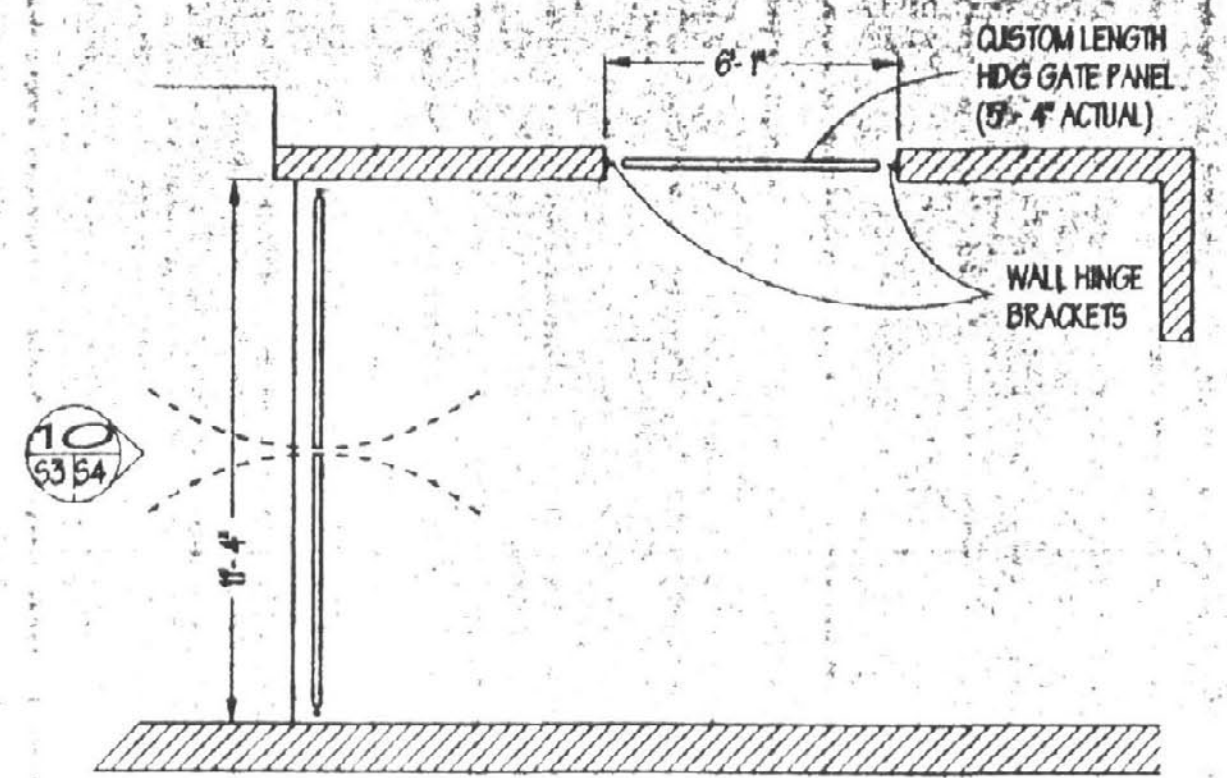
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SCALE: 1/4" = 1'-0"

DATE: 06/23/98

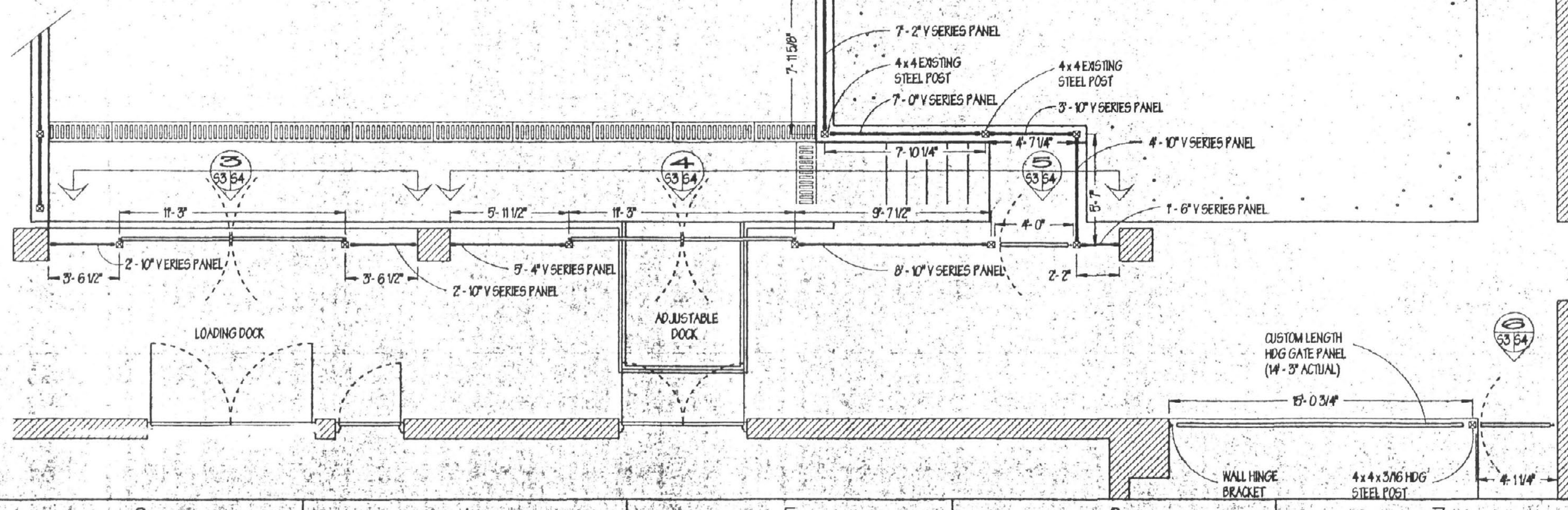
SHEET: **S2**

FILE: VET502-02A.PRT



SOUTH LOADING DOCK
SCALE: 1/4" = 1'-0"

SOUTH EXERCISE AREA
SCALE: 1/4" = 1'-0"



NOTE: EXISTING STEMWALL SECTION SHALL BE REMOVED BY OWNER

NEW CONCRETE PAD BY OWNER TO BE INSTALLED AFTER FENCE CONTRACTOR HAS COMPLETED POST INSTALLATION

PROVIDE STEEL BLOCKING AS REQUIRED TO SUPPORT BOLT THINGS.

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DESIGNER: VETERINARY SCIENCE DEPT
UNIVERSITY OF KENTUCKY
COLLEGE OF AGRICULTURE
FENCING PROJECT
SOUTHERN REGION

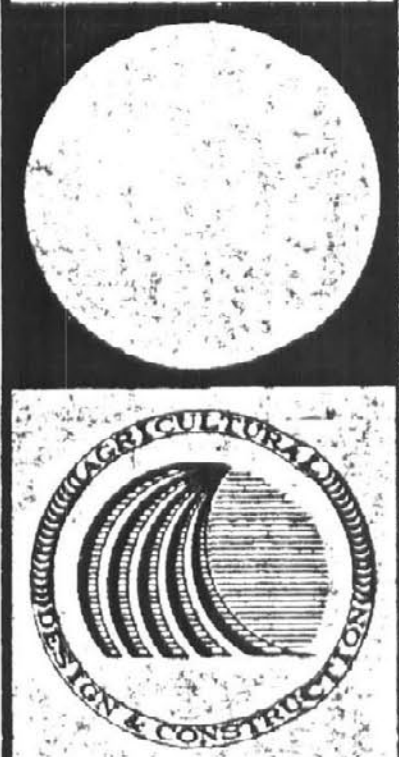
REVISIONS	DATE	CHK	SUPPLIER

LINEAR MEASURE
IN MM

DRWS FOR:

- INFORMATION
- SUBMITTAL
- APPROVAL
- CONSTRUCTION
- OTHER

DESIGNER: GAW
SCALE: 1/4" = 1'-0"
DATE: 06/23/98
SHEET: **S3**
FILE: VETSQ-03.mPKT



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VETERINARY SCIENCE DEPT
UNIVERSITY OF KENTUCKY
COLLEGE OF AGRICULTURE
SWINGING GATE SCHEDULE

DESCRIPTION

DATE

CHK

REVISIONS

DATE

CHK

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- SUBMITAL
- APPROVAL
- CONSTRUCTION
- OTHER

DESIGN: GAW

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DATE: 06/23/98

SHEET: S4

FILE: VETGSCHED.PRT

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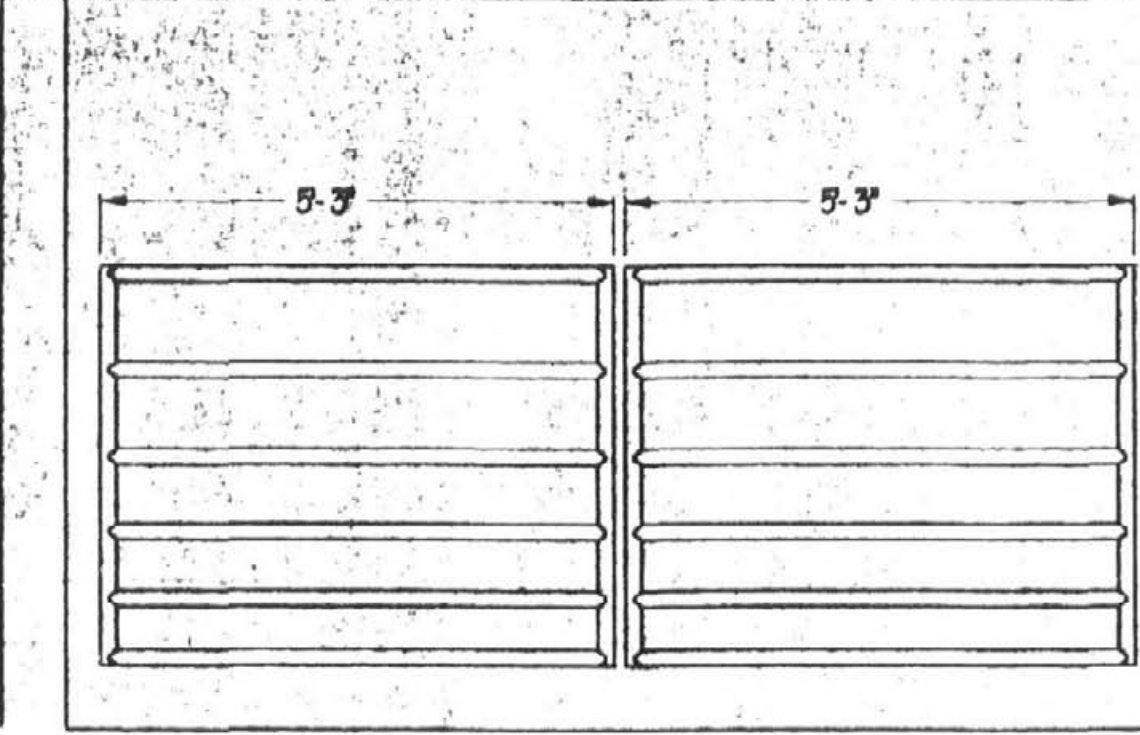


NOTES:

PROVIDE TWO (2) HEAVY DUTY HDG GATE PANELS & NECESSARY HINGES FOR ATTACHMENT TO CONCRETE WALLS.

PROVIDE ONE (1) DOUBLEGATE DOG-LOC LATCH ASSEMBLY. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH.

DETAIL SCALE: 1/2" = 1'-0" 10 53 54



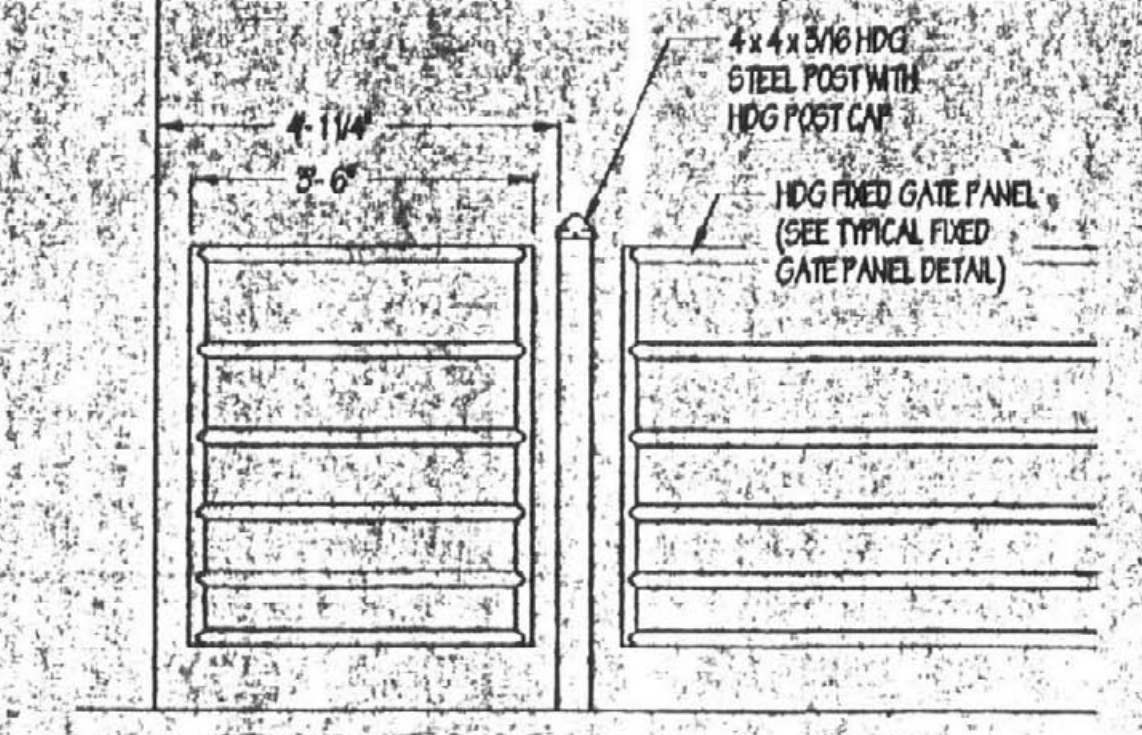
NOTES:

PROVIDE ONE (1) HEAVY DUTY HDG GATE PANEL & NECESSARY HINGES FOR ATTACHMENT TO CONCRETE WALL.

PROVIDE ONE (1) DOUBLE ACTING SELF-LOCKING LATCH & BOLT-ON LATCH PIN. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH & BOLT ASSEMBLY.

PROVIDE HDG STEEL POST(S) & HDG POST CAP(S) AS REQUIRED.

DETAIL SCALE: 1/2" = 1'-0" 3 53 54



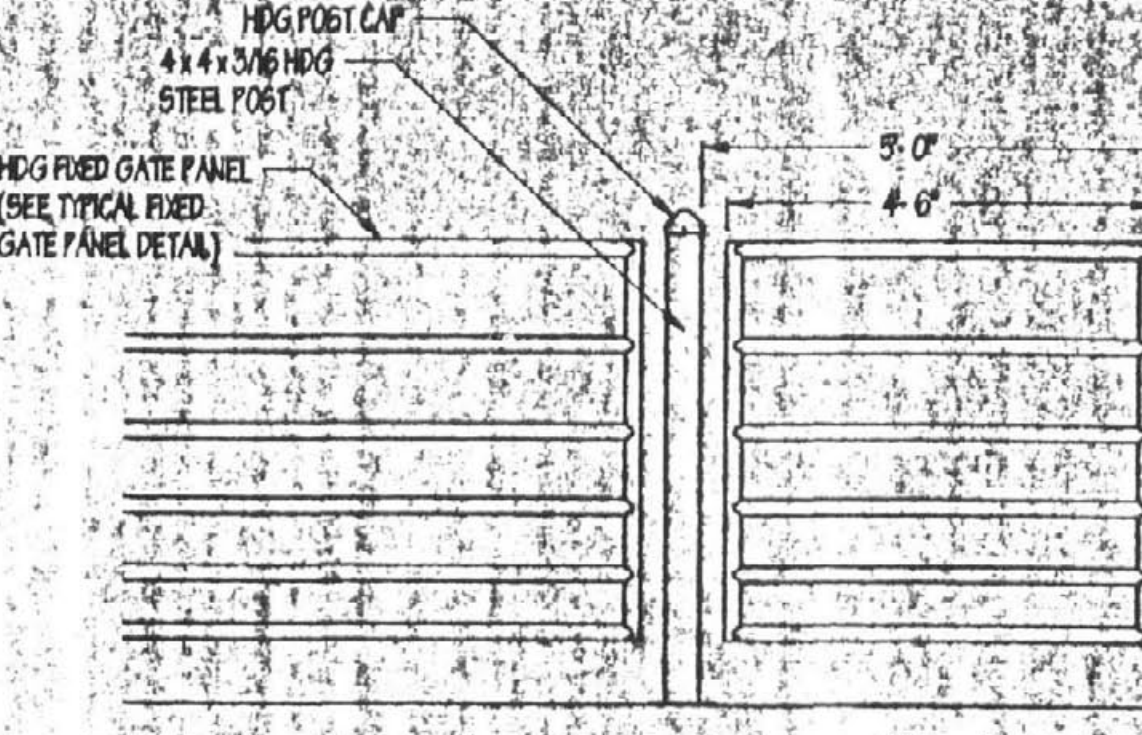
NOTES:

PROVIDE ONE (1) HEAVY DUTY HDG GATE PANEL & HINGES.

PROVIDE ONE (1) DOUBLE ACTING SELF-LOCKING LATCH & BOLT-ON LATCH PIN. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH & BOLT ASSEMBLY.

PROVIDE HDG STEEL POST(S) & HDG POST CAP(S) AS REQUIRED.

DETAIL SCALE: 1/2" = 1'-0" 1 52 54



NOTES:

PROVIDE ONE (1) HEAVY DUTY HDG GATE PANEL & NECESSARY HINGES FOR ATTACHMENT TO CONCRETE WALL.

PROVIDE ONE (1) HEAVY DUTY HDG GATE PANEL & NECESSARY HINGES FOR ATTACHMENT TO CONCRETE WALL.

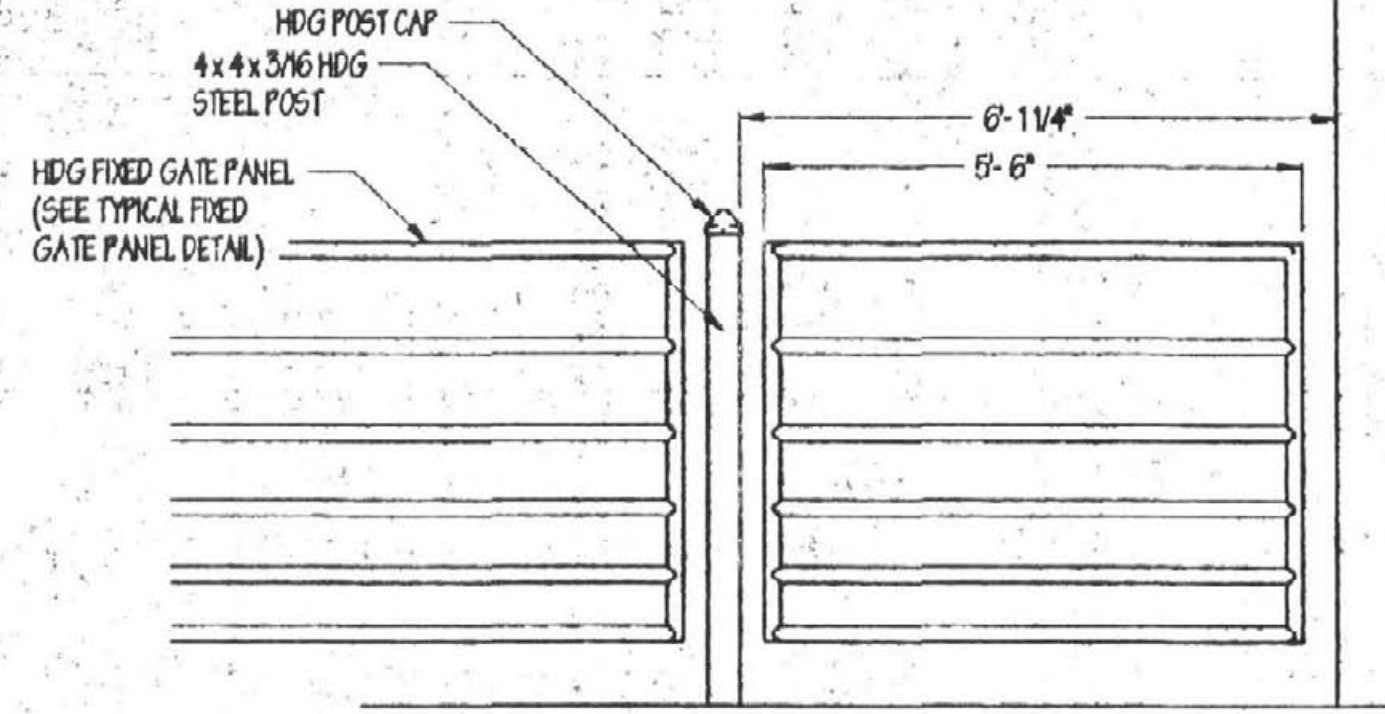
PROVIDE ONE (1) DOUBLE ACTING SELF-LOCKING LATCH & BOLT-ON LATCH PIN. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH & BOLT ASSEMBLY.

PROVIDE ONE (1) DOUBLE ACTING SELF-LOCKING LATCH & BOLT-ON LATCH PIN. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH & BOLT ASSEMBLY.

PROVIDE HDG STEEL POST(S) & HDG POST CAP(S) AS REQUIRED.

PROVIDE HDG STEEL POST(S) & HDG POST CAP(S) AS REQUIRED.

DETAIL SCALE: 1/2" = 1'-0" 8 53 54 9 53 54



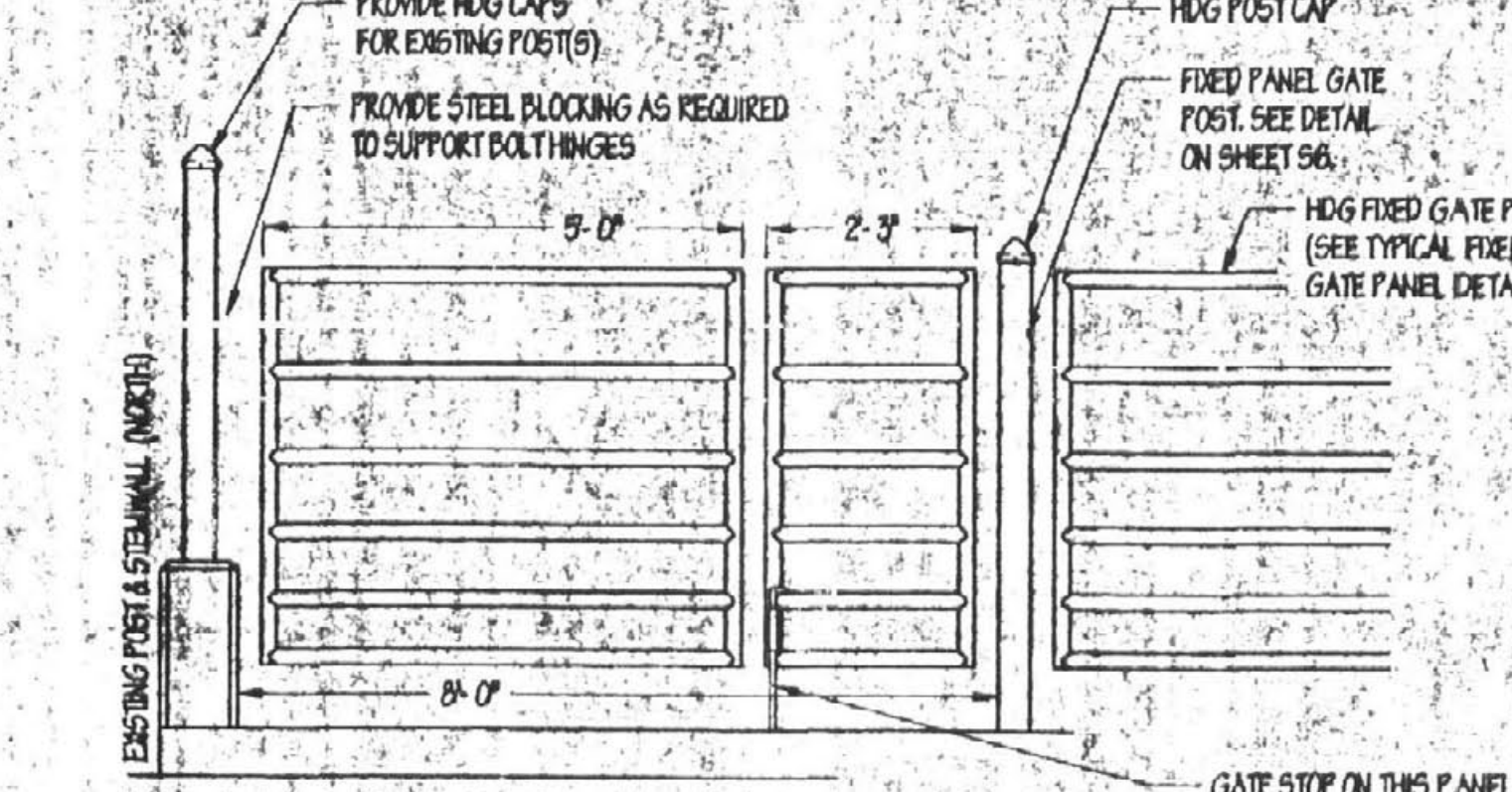
NOTES:

PROVIDE TWO (2) HEAVY DUTY HDG GATE PANELS & NECESSARY HINGES FOR ATTACHMENT TO CONCRETE WALL AND POSTS.

PROVIDE ONE (1) DOUBLEGATE DOG-LOC LATCH ASSEMBLY. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH.

PROVIDE HDG STEEL POST(S) & HDG POST CAP(S) AS REQUIRED.

DETAIL SCALE: 1/2" = 1'-0" 2 52 54

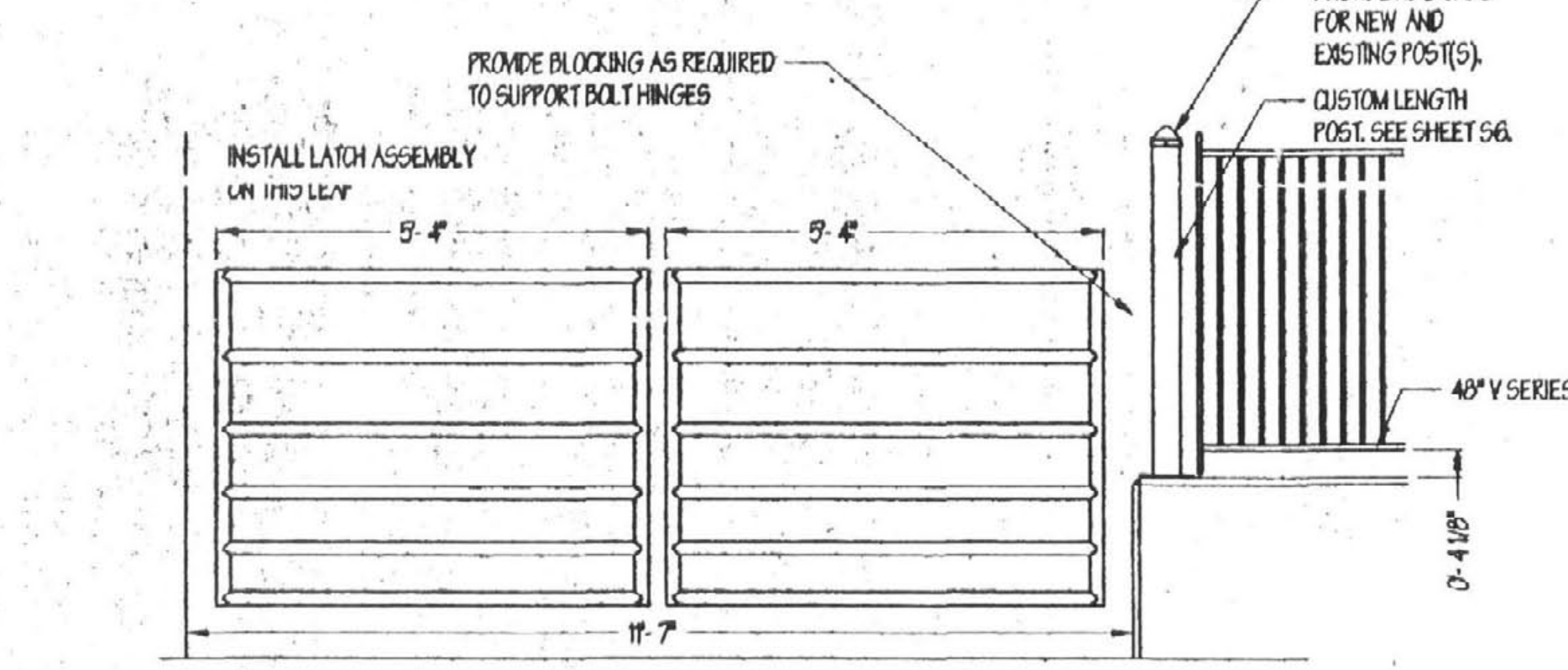


NOTES:

PROVIDE TWO (2) HEAVY DUTY HDG GATE PANELS & NECESSARY HINGES FOR ATTACHMENT TO CONCRETE WALLS AND POST.

PROVIDE ONE (1) DOUBLEGATE DOG-LOC LATCH ASSEMBLY. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH.

DETAIL SCALE: 1/2" = 1'-0" 7 53 54



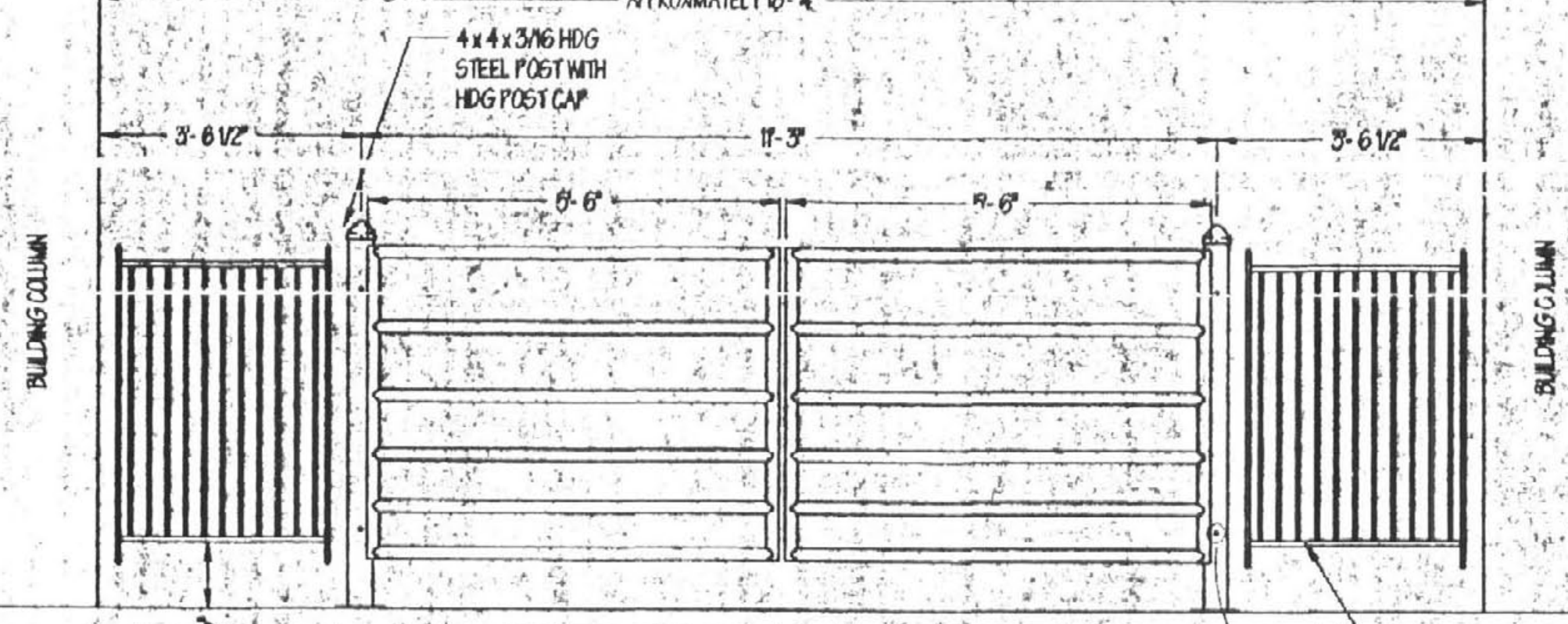
NOTES:

PROVIDE TWO (2) HEAVY DUTY HDG GATE PANEL & HINGES.

PROVIDE ONE (1) DOUBLEGATE DOG-LOC LATCH ASSEMBLY. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH.

PROVIDE HDG STEEL POST(S) & HDG POST CAP(S) AS REQUIRED.

DETAIL SCALE: 1/2" = 1'-0" 3 53 54



GENERAL:

GATE SWINGS FOR THESE DETAILS ARE AS INDICATED ON SHEETS S1, S2, & S3. CHANGES MAY BE MADE ONLY WITH THE APPROVAL OF THE PROJECT MANAGER.

APPROXIMATE DISTANCES ARE GIVEN FOR ESTIMATING PURPOSES ONLY. INSTALLER SHALL BE RESPONSIBLE FOR FIELD VERIFYING DISTANCES.

INSTALL ACORN NUTS ON ANY HINGE BOLTS THAT PROTRUDE INTO AREAS EXPOSED TO HUMAN AND ANIMAL TRAVEL.

NOTES:

PROVIDE TWO (2) HEAVY DUTY HDG GATE PANEL & HINGES.

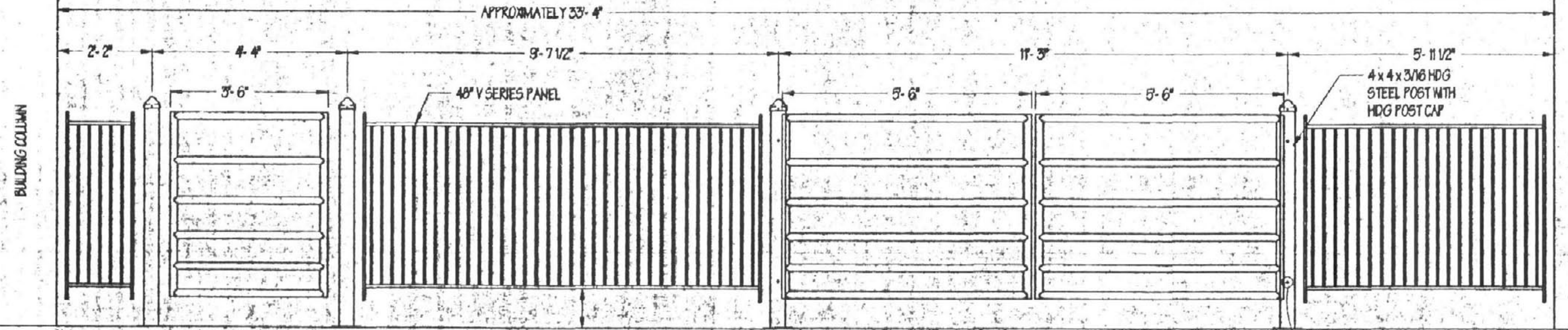
PROVIDE ONE (1) HEAVY DUTY HDG GATE PANEL & HINGES.

PROVIDE ONE (1) DOUBLEGATE DOG-LOC LATCH ASSEMBLY. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH.

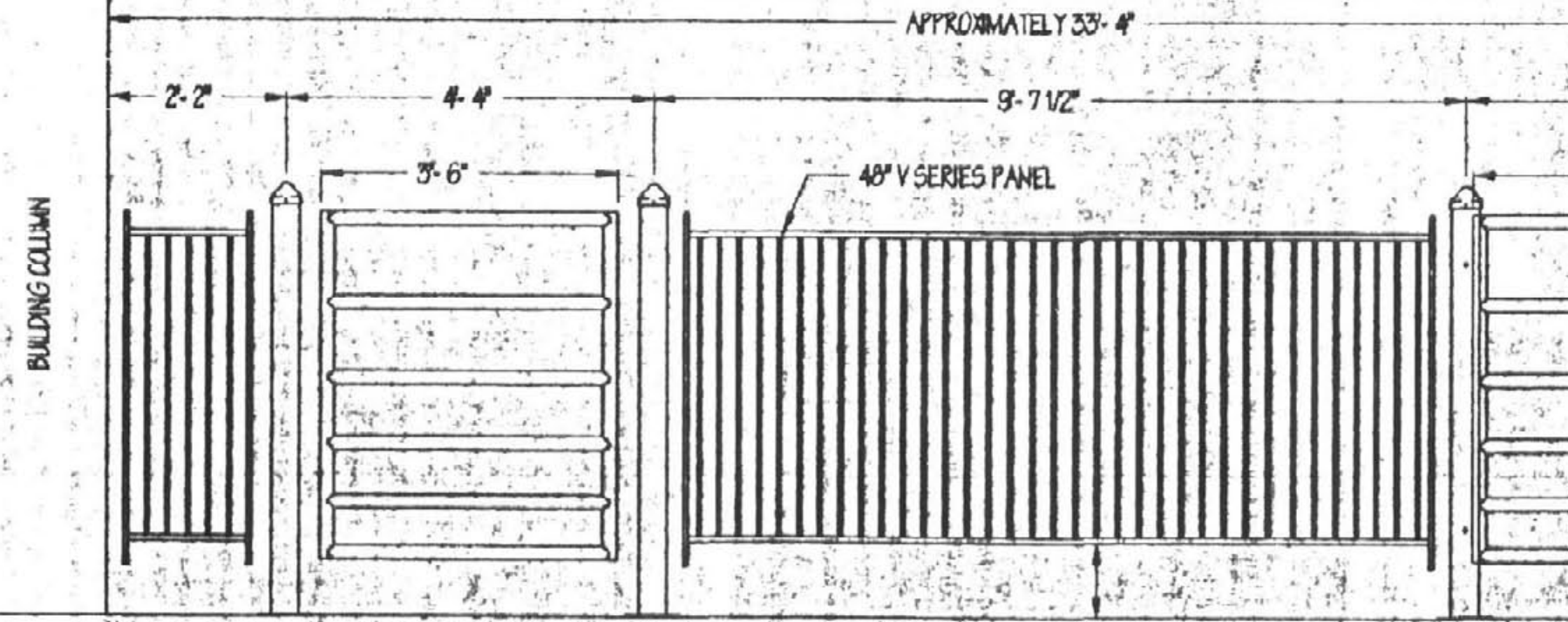
PROVIDE ONE (1) DOUBLE ACTING SELF-LOCKING LATCH & BOLT-ON LATCH PIN. PROVIDE ALL FASTENERS NECESSARY TO INSTALL LATCH & BOLT ASSEMBLY.

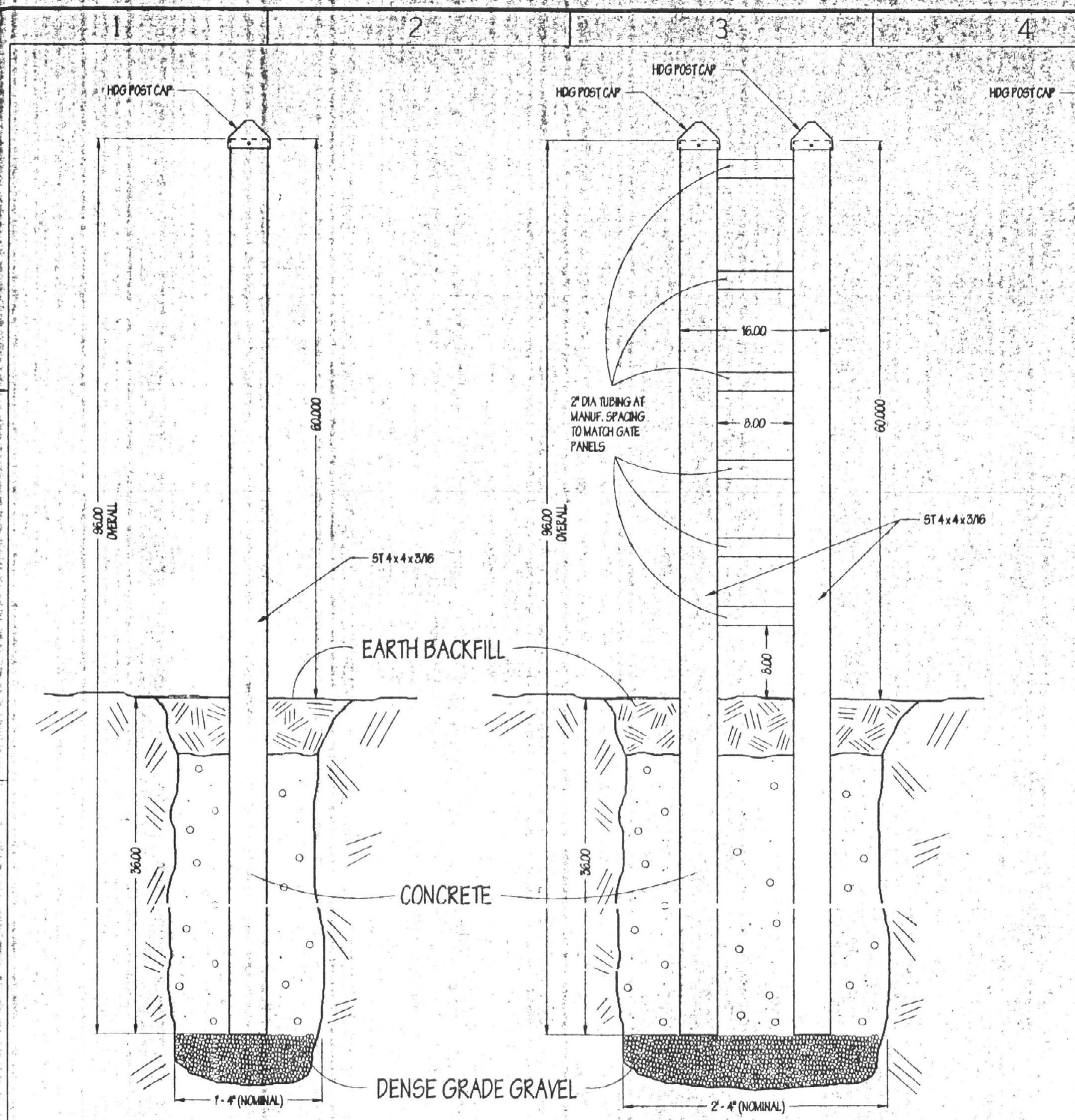
PROVIDE HDG STEEL POST(S) & HDG POST CAP(S) AS REQUIRED.

DETAIL SCALE: 1/2" = 1'-0" 4 53 54

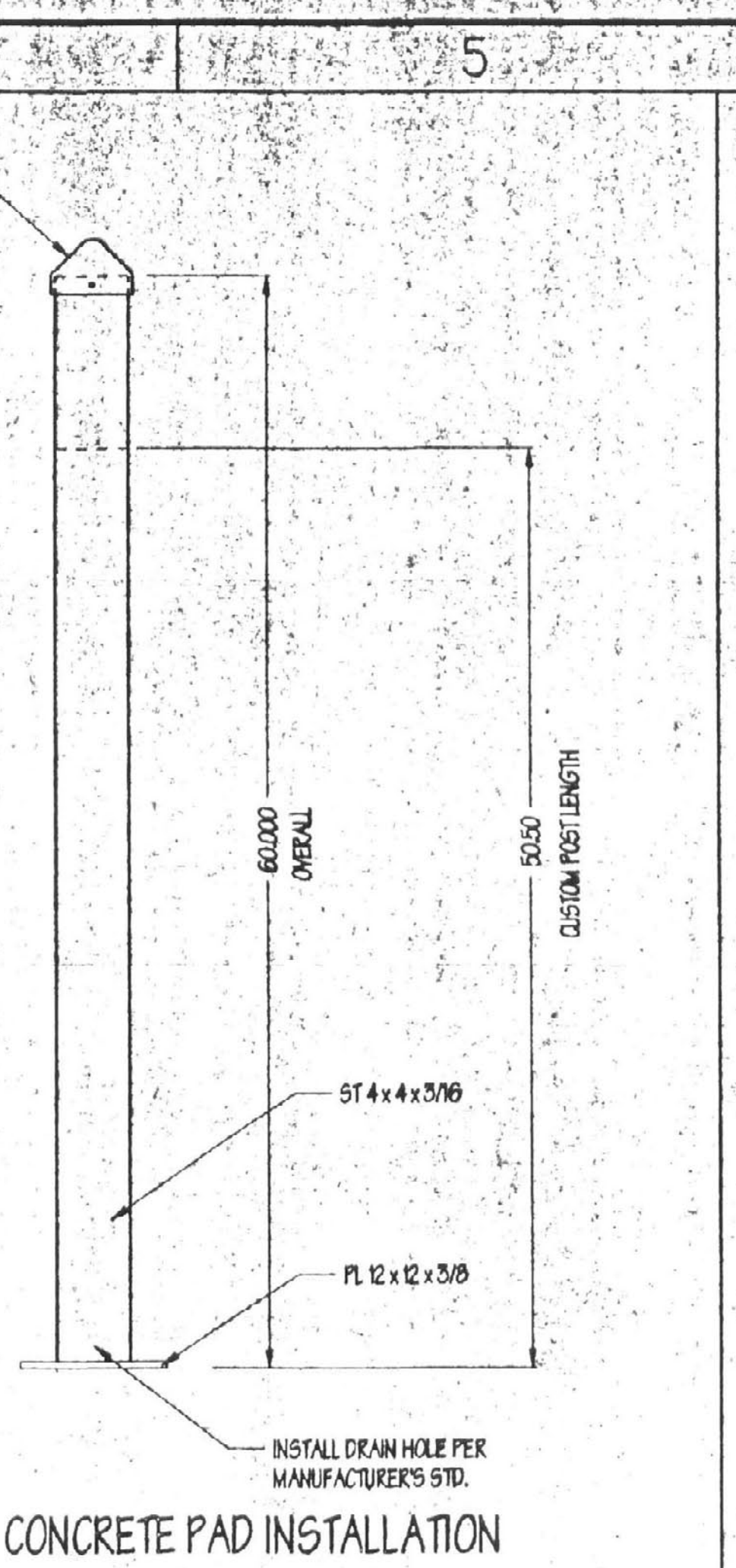


DETAIL SCALE: 1/2" = 1'-0" 5 53 54

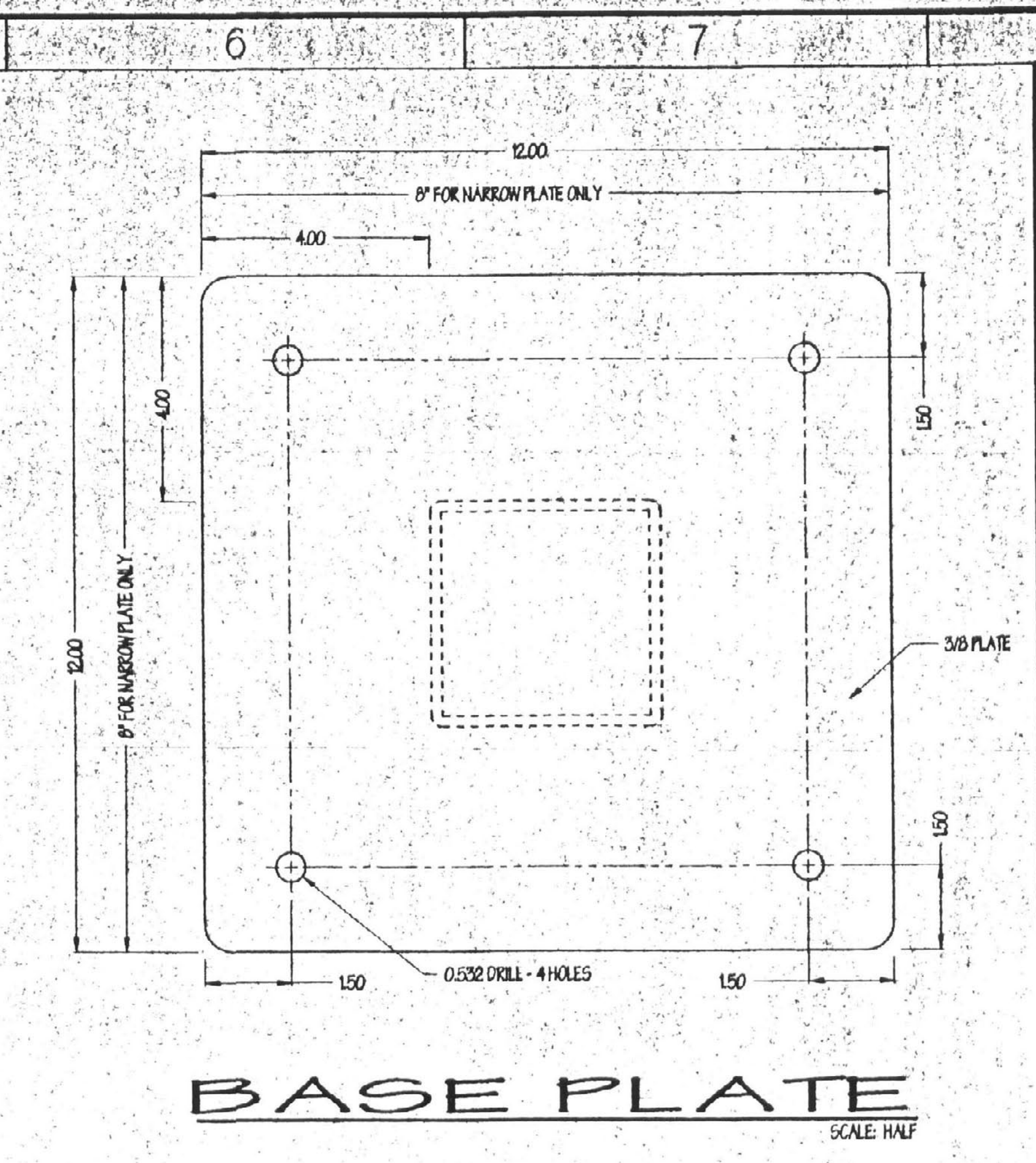




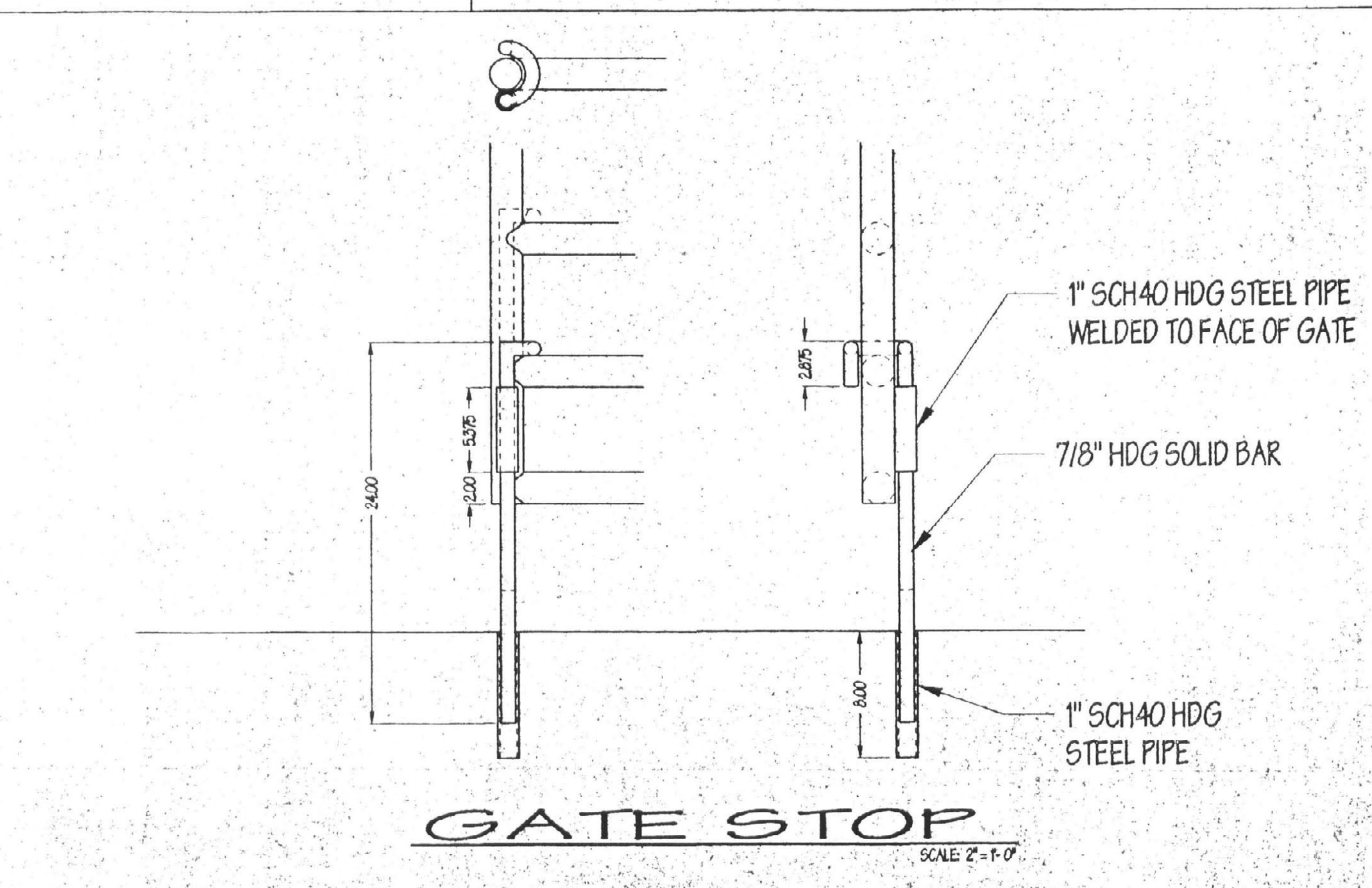
POST INSTALLATION DETAIL
SCALE: 1 1/2" = 1'-0"



CONCRETE PAD INSTALLATION



BASE PLATE
SCALE: HALF



GATE STOP
SCALE: 2" = 1'-0"

NOTES:

BASE PLATES SHALL BE ATTACHED USING 1/2" THUNDERSTUD OR EQUIVALENT.

ALL POSTS PLACED IN EARTH SHOULD BE INSTALLED AS FOLLOWS:

16" MINIMUM DIA. DUG HOLE

POSTS PLACED ON MIN. 4" OF DENSE GRADE GRAVEL

6" OF EARTH BACKFILL AT GROUND LEVEL

ALL FASTENERS SHALL BE PLATED AND MEET ASTM GRADE 5 OR BETTER STRENGTH REQUIREMENTS. THE FOLLOWING TYPES OF FASTENERS SHALL BE USED:

METAL TO METAL: HEX BOLT, LOCK WASHER, & NUT

PROPER FASTENERS SHALL BE PROVIDED FOR ATTACHING POST CAPS.

PROVIDE ONE (1) CUSTOM LENGTH POST AND ONE (1) CUSTOM NARROW BASE PLATE AS A WELDED, HOT-DIPPED ASSEMBLY.

FIXED PANEL POST FOR ACCESS GATE INTO NORTH EXERCISE AREA SHALL BE PROVIDED AS A WELDED, HOT-DIPPED ASSEMBLY.

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REVISIONS

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LINEAR MEASURE
IN MM

DRWS FOR:

- INFORMATION
- SUBMITTAL
- APPROVAL
- CONSTRUCTION
- OTHER

DESIGN: GAW

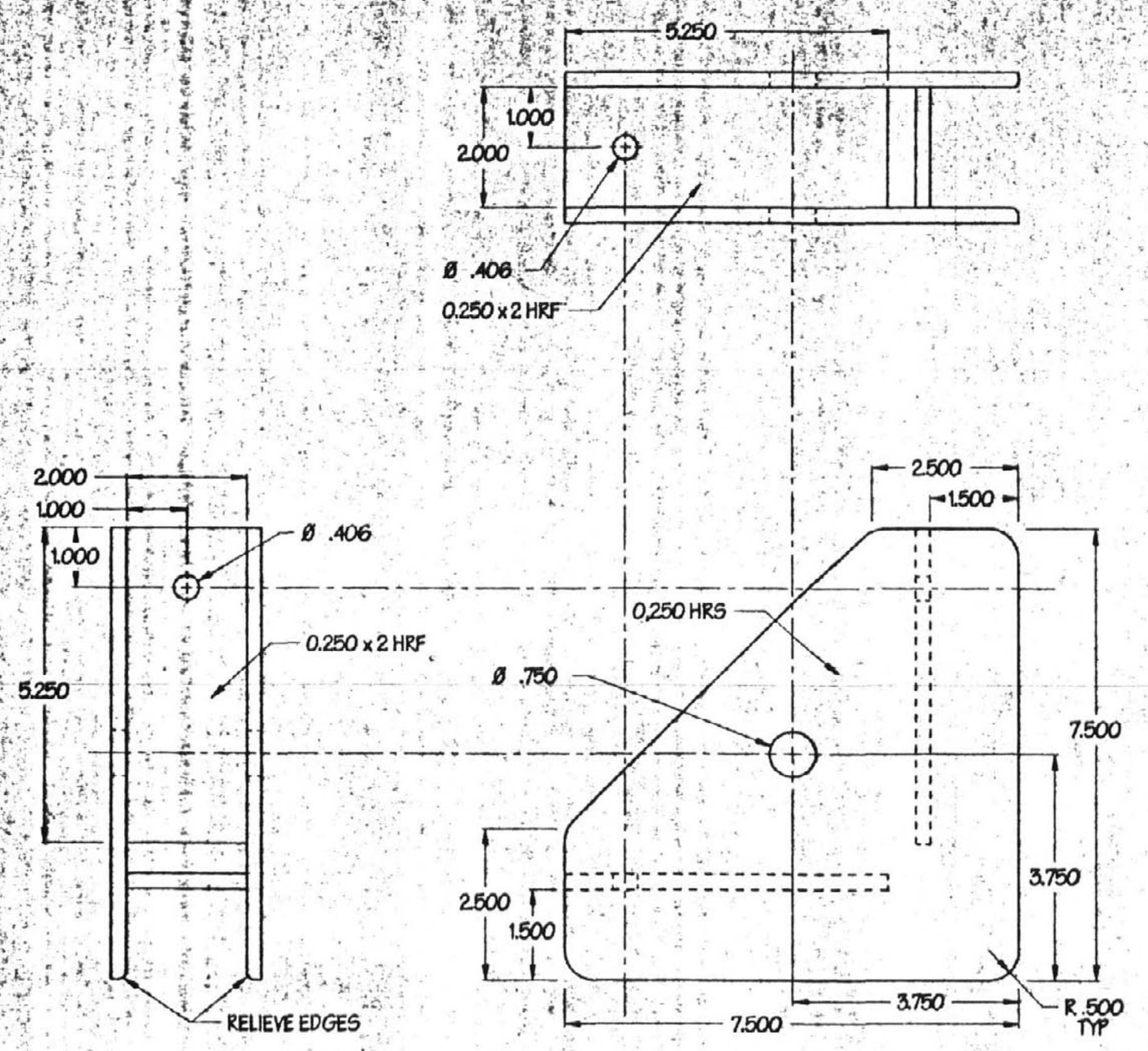
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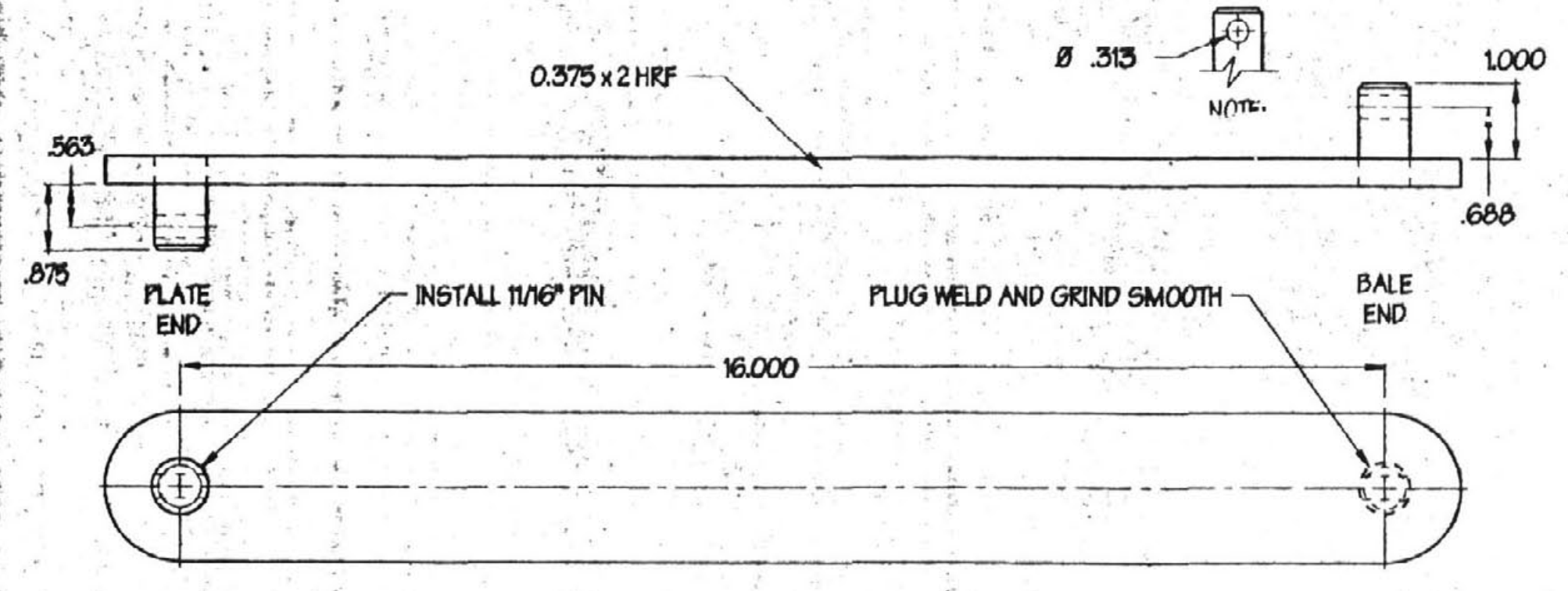
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FILE: VETSCI-06A.PRT

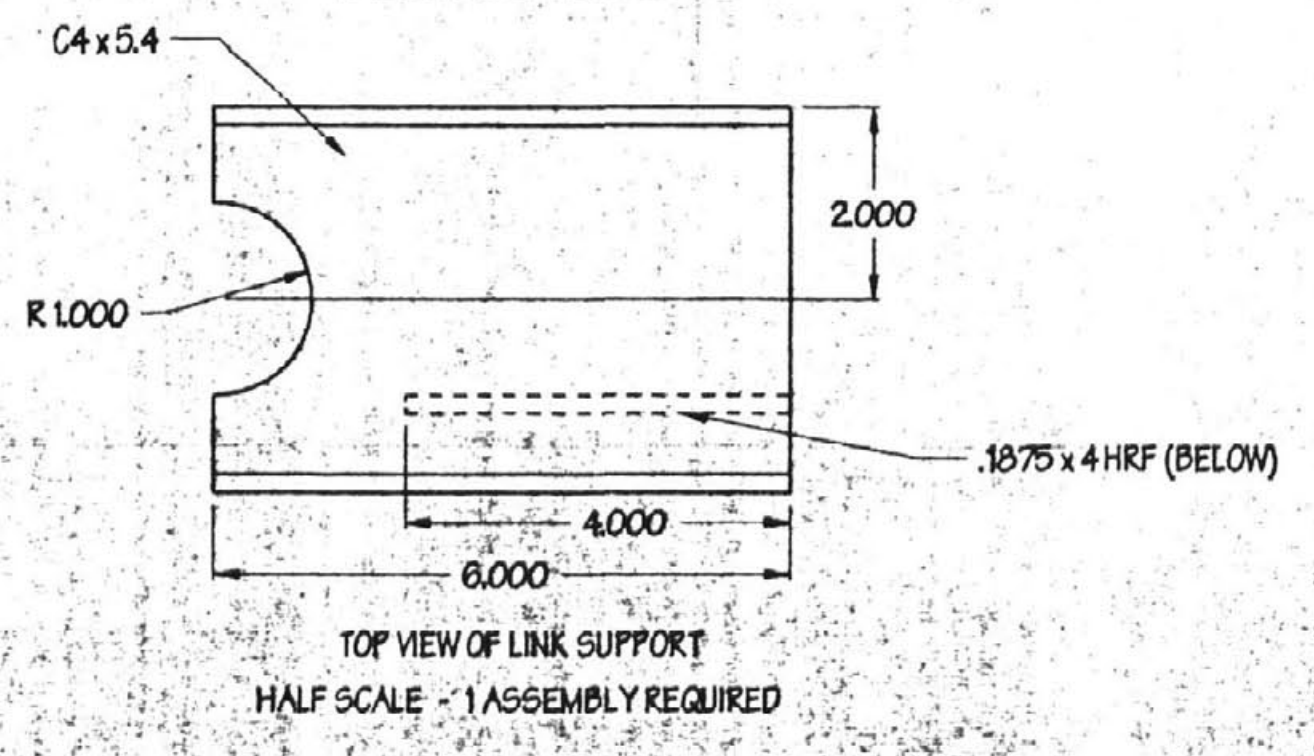
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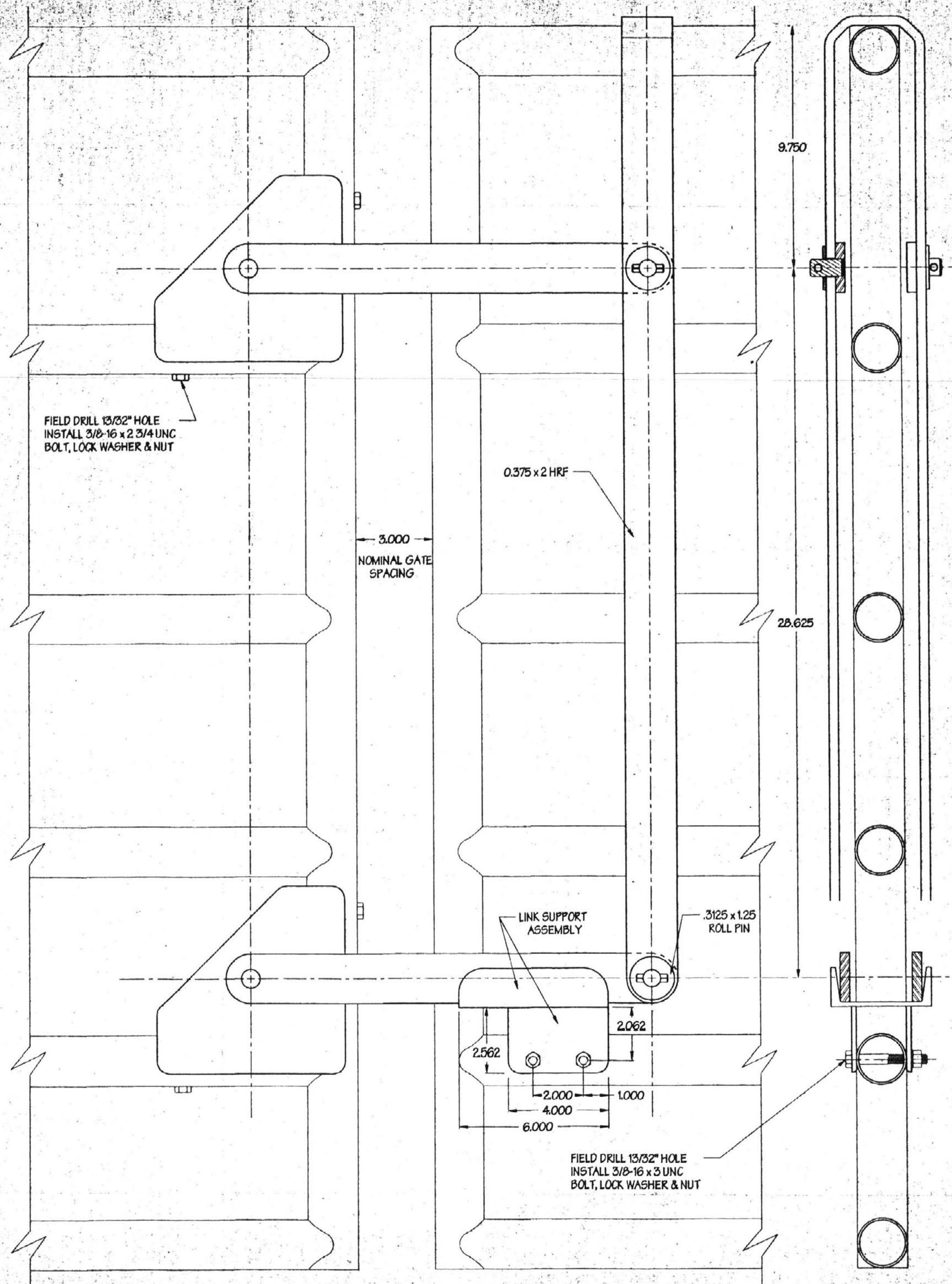
PIVOT PLATE ASSEMBLY
 HALF SCALE
 2 ASSEMBLIES REQUIRED



LINK ASSEMBLY
 HALF SCALE
 4 ASSEMBLIES REQUIRED



ROLL PIN
 WASHER
 PLATE
 LINK



DOCLOC - ASSEMBLY SCHEMA 3/8" SCALE

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ANIMAL RESEARCH CENTER UNIVERSITY OF KENTUCKY COLLEGE OF AGRICULTURE		REVISIONS			
GATE LATCH BEEF COMPLEX					
DESIGN: CBD5		LINEAR MEASURE			
SCALE: AS NOTED		IN <input checked="" type="checkbox"/> MM <input type="checkbox"/>			
DATE: 11/04/97		CHECKS FOR:			
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