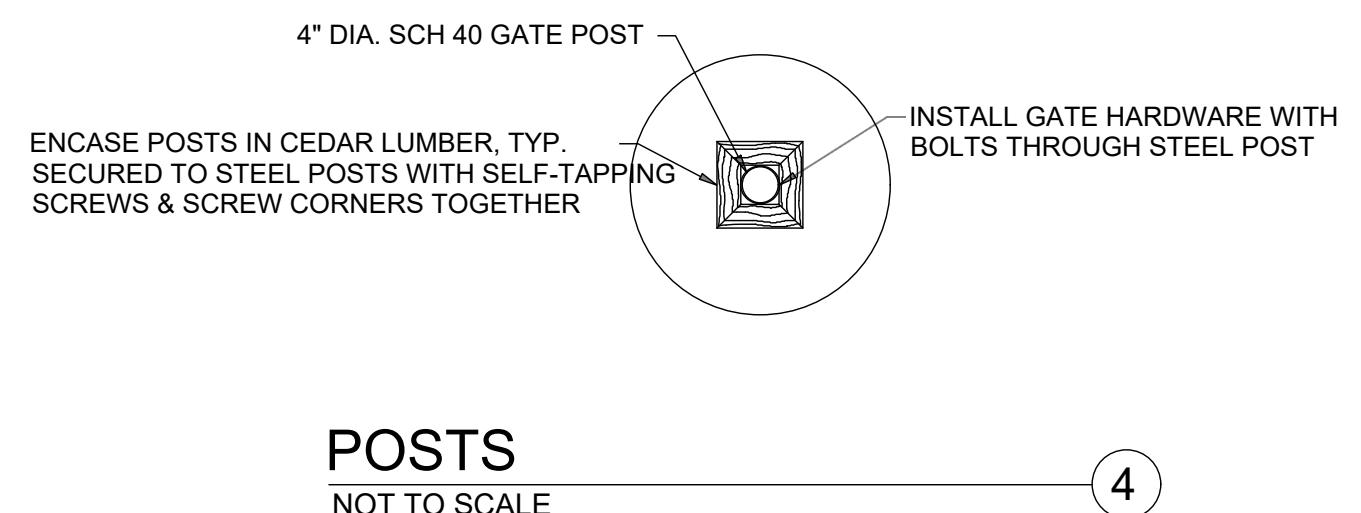
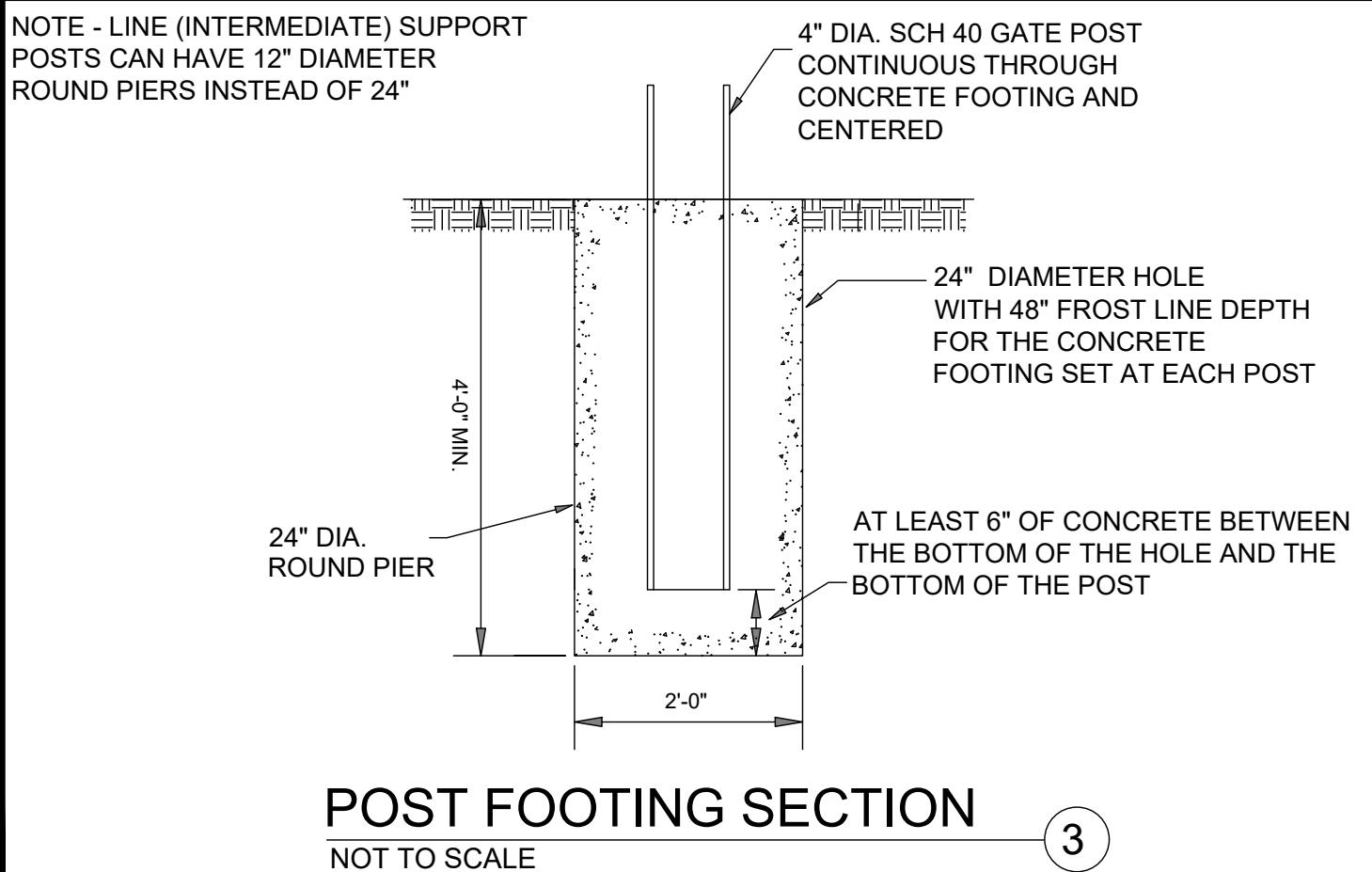
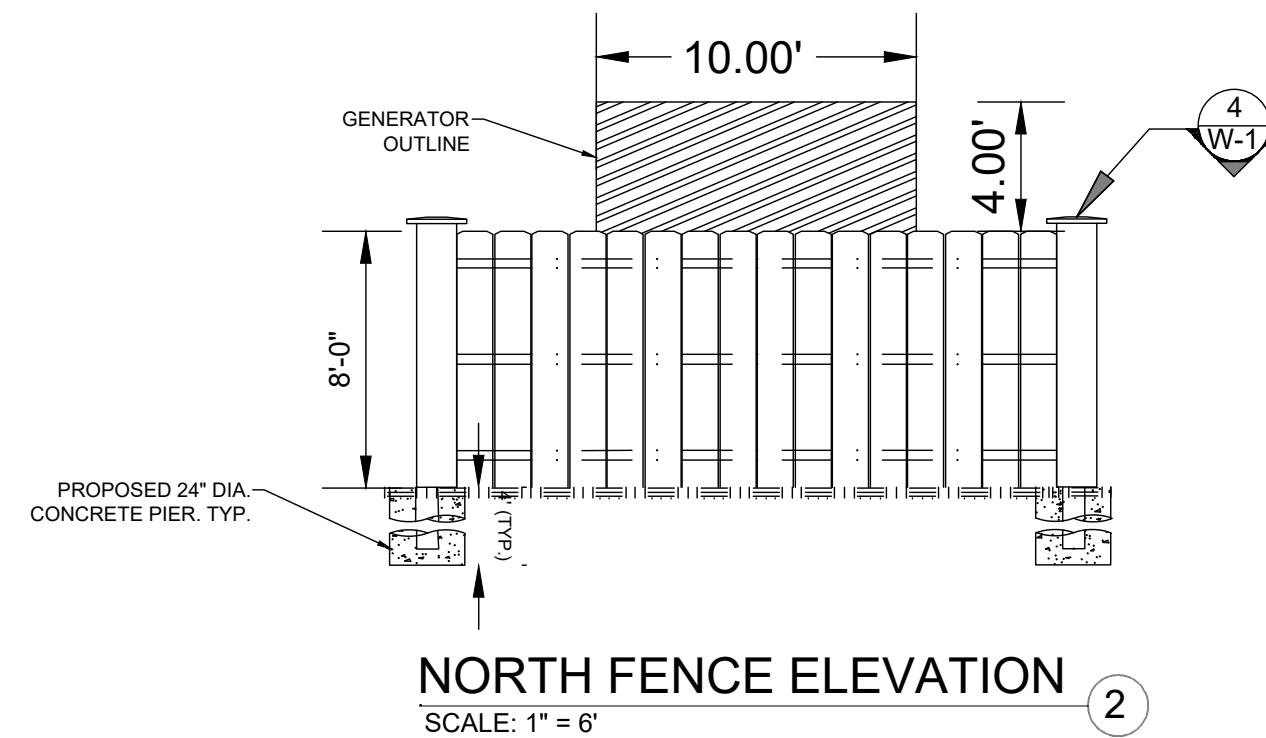
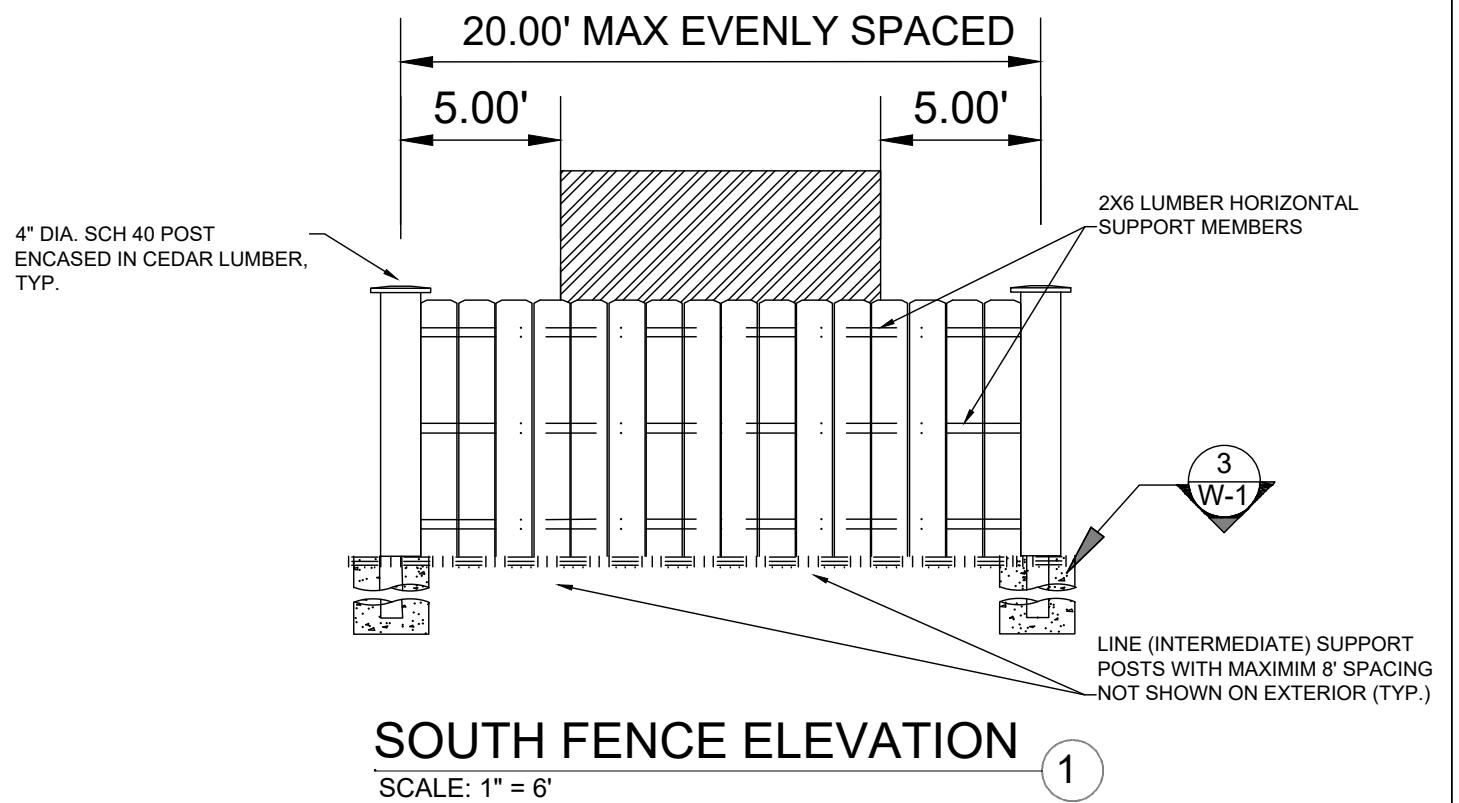
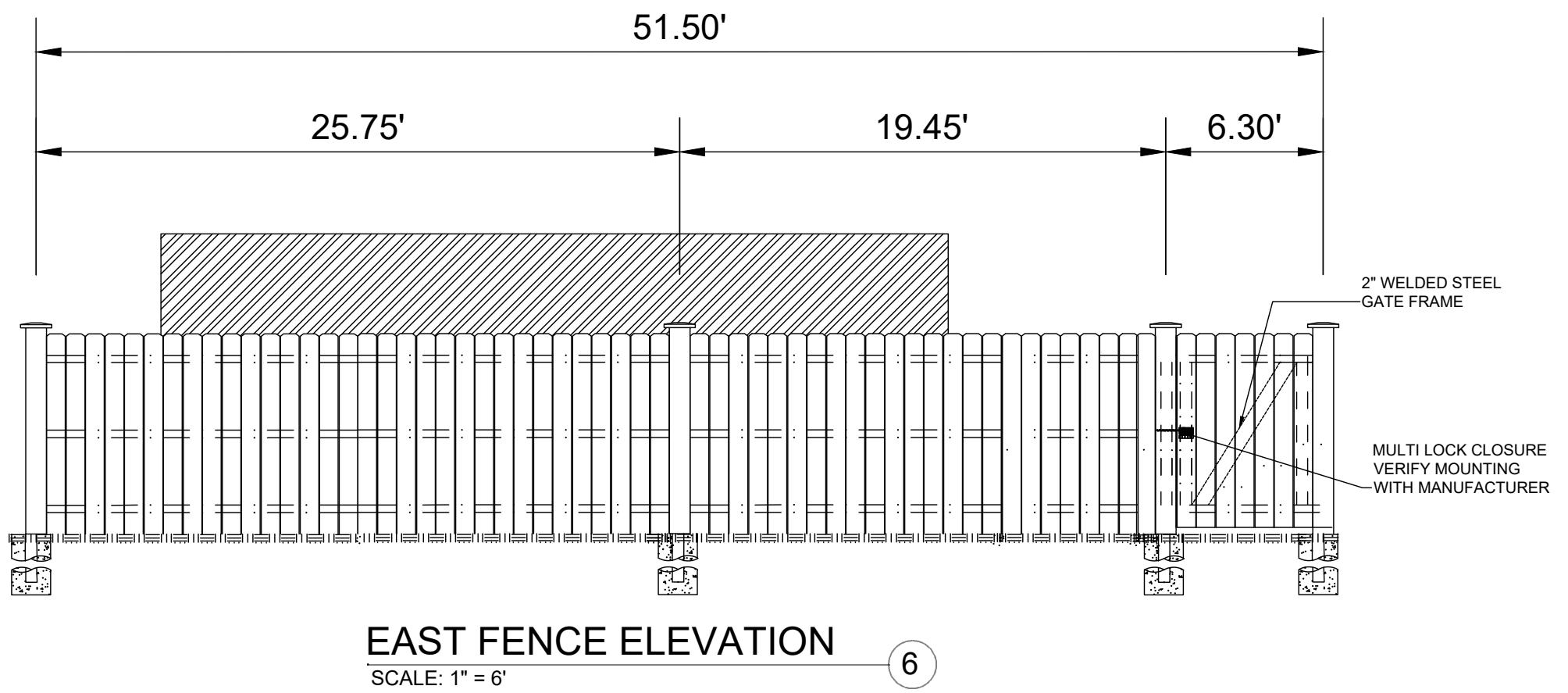
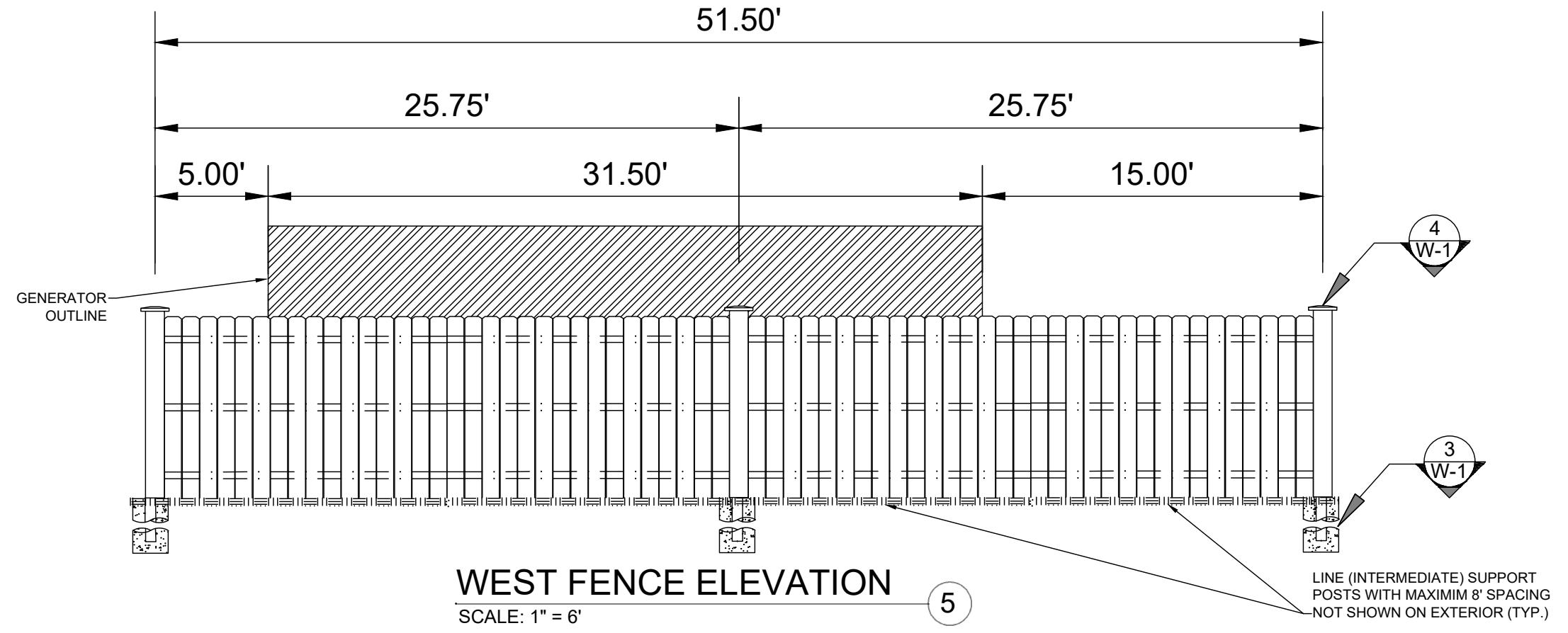


UNIT WELL 11
FACILITY SITE MAP
102 DEMPSEY ROAD

S-1





CITY OF MADISON, WISCONSIN
UNIT WELL 11 EXISTING SITE & PROPOSED GENERATOR
FENCE ELEVATION



N/A

W-2

CONTRACT NO: N/A
DOCUMENTS UPDATED_WU MATERIALS_2023.DWG

SCALE: N/A
DESIGNED BY: NGM
MADISON WATER UTILITY
119 E OLIN AVE, MADISON, WI 53713
PRINTING DATE: 6/21/23

1.0 SCOPE:

1.1 THIS SECTION COVERS THE REQUIREMENTS FOR THE MATERIALS AND THE CONSTRUCTION OF SITE FENCING.

2.0 SPECIAL REQUIREMENTS:

- 2.1 ALL FITTINGS, HARDWARE AND STEEL MEMBERS USED FOR SITE AREA FENCING, SHALL BE HOT DIPPED GALVANIZED (ASTM A153) OR OTHER APPROVED NON CORROSIVE MATERIAL AND CONFORM TO FEDERAL SPEC RR-F-191G (1-25-74).
- 2.2 ALL NON-CORROSIVE MATERIAL SHALL BE PRE-APPROVED BY THE PROJECT MANAGER.
- 2.3 ANY DAMAGE TO GALVANIZING OR NON-CORROSIVE COATING DURING CONSTRUCTION SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S RECOMMENDED METHODS.
- 2.4 ALL WOOD TO BE WESTERN RED CEDAR WITH CLEAR WOOD SEALER FINISH (ANTI-GRAFFITI COATED).

3.0 FENCE POSTS:

- 3.1 LOCATION OF CORNER POSTS SHALL BE DETERMINED FROM STAKES AND PROPERTY PINS INSTALLED BY SURVEYING MEANS BY MADISON WATER UTILITY. IF THE STAKES ARE NOT PRESENT OR DO NOT CONFORM TO THE SITE PLAN, CONSULT WITH THE PROJECT MANAGER.
- 3.2 POSTS FOR SITE SHALL BE 4" DIA. SCHEDULE 40 GALVANIZED PIPE.
- 3.3 CORNER POSTS SHALL BE SET WITHIN ONE INCH (1") OF DIMENSIONS INDICATED ON THE SITE PLAN.
- 3.4 FENCE POSTS SHALL BE VERTICALLY PLUMB IN ALL PLANES WITHIN 1/2 INCH (1/2").
- 3.5 GATE POST FOUNDATIONS SHALL BE A MINIMUM FOUR FEET (4') DEEP OR SIX INCHES (6") BELOW THE FROST LINE, WHICHEVER IS GREATER
- 3.6 GATE POST FOUNDATIONS SHALL BE TWENTY-FOUR INCHES (24") IN DIAMETER. INTERMEDIATE (LINE) POST FOUNDATIONS, AS REQUIRED, SHALL BE TWELVE INCHES (12") IN DIAMETER.
- 3.7 LINE POSTS BETWEEN CORNER AND GATE POSTS SHALL BE EQUALLY SPACED WITH AN EIGHT FOOT (8') MAXIMUM SPACING. GATE POST LOCATIONS SHALL BE IN ACCORDANCE WITH SITE PLAN AND SHALL BE VERIFIED WITH THE PROJECT MANAGER.
- 3.8 ALL POSTS SHALL BE CAPPED.

4.0 FENCE ENCLOSURE:

- 4.1 ENCLOSURE BACKING RAILS TO CONSIST OF TWO INCH (2") BY SIX INCH(6") NOMINAL CEDAR PLANKS. ALL CEDAR TO HAVE CLEAR CEDAR WOOD SEALER FINISH (ANTI-GRAFFITI COATED).
- 4.2 ENCLOSURE BOARDS TO BE HEAVY DUTY TWO INCH (2") BY SIX INCH (6") NOMINAL CEDAR ALL CEDAR TO HAVE CLEAR CEDAR WOOD SEALER FINISH (ANTI-GRAFFITI COATED).
- 4.3 ALL ENCLOSURE BOARDS TO BE SECURED TO FENCE POSTS WITH MANUFACTURER APPROVED HARDWARE. CONTRACTOR TO FOLLOW MANUFACTURER RECOMMENDATIONS AND SPECIFICATIONS.

5.0 GATE:

- 5.1 LOCATION OF GATE SHALL CONFORM TO THE SITE PLAN, GATE SIZE SHALL BE MINIMUM 6'-0" WIDE (UNLESS OTHERWISE NOTED).
- 5.2 GATE FRAME TO BE CONSTRUCTED OF TWO INCH (2") WELDED STEEL WITH HEAVY DUTY FRAME; CONTRACTOR TO FOLLOW MANUFACTURER RECOMMENDATIONS AND SPECS.
- 5.3 GATE HINGES SHALL PROVIDE FOR 180 DEGREE RADIUS GATE SWING. ANY HINGE NUTS SHALL BE ON THE INSIDE AND DOUBLE-NUT TO DETER UNAUTHORIZED ENTRY.
- 5.4 GATE SHALL BE INSTALLED PLUMB AND SHALL OPEN AND CLOSE FREELY.

6.0 CONCRETE:

- 6.1 CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI WITH MINIMUM CEMENT CONTENT OF 6 SACKS PER CUBIC YARD AND MAXIMUM 5.5 GALLONS OF WATER PER SACK. THE SLOP SHALL BE BETWEEN 2 TO 3.5 INCHES. UTILIZE AN AIR-ENTRAINING ADMIXTURE CONFORMING TO ASTM C280 FOR 4% TO 7% CONTENT ALONG WITH A WATER REDUCER MEETING ASTM C494 TYPE A.

SCALE: N/A
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PROJECT NOTES & DETAILS
CITY OF MADISON, WISCONSIN

UNIT WELL 11 EXISTING SITE & PROPOSED GENERATOR
PROJECT NOTES & DETAILS
CITY OF MADISON FACILITIES/UNIT WELL 11/MG&E GENERATOR 2023/ENCLOSURE EXAMPLE DOCUMENTS/UPDATED_WU MATERIALS_2023.DWG



N/A

W-3