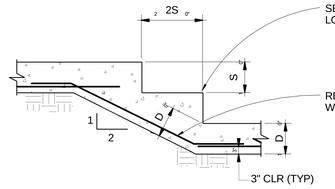
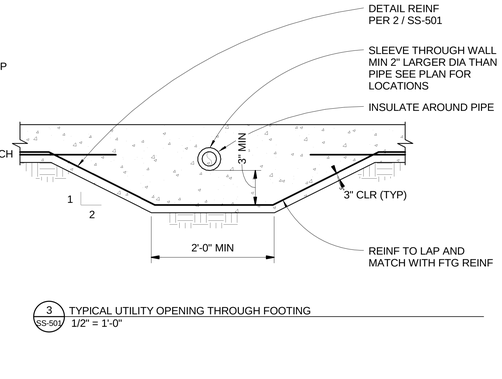
LAP SPLICE AND EMBEDMENT SCHEDULE			
BAR LOCATION	LAP CLASS	CLASS A LAP SPLICE/ EMBEDMENT	CLASS B LAP SPLICE
TOP	#4	25	33
	#5	31	41
	#6	37	49
	#7	54	71
	#8	62	81
OTHER	#4	19	25
	#5	24	31
	#6	29	37
	#7	42	54
	#8	48	62

NOTES
1. TOP INDICATES HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW BARS.
2. MULTIPLY THE LENGTHS IN THE SCHEDULE BY THE APPROPRIATE MODIFIERS WHEN REQUIRED:
   1.5 FOR BAR COVERS LESS THAN THE BAR DIAMETER
   1.5 FOR BAR CLEAR SPACING LESS THAN TWO BAR DIAMETERS

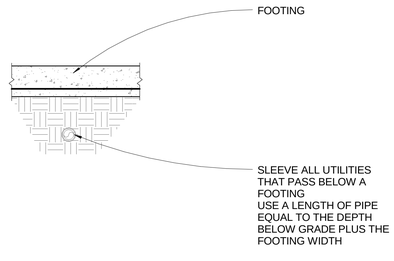
1 SS-501 REINFORCEMENT LAPS
1" = 1'-0"



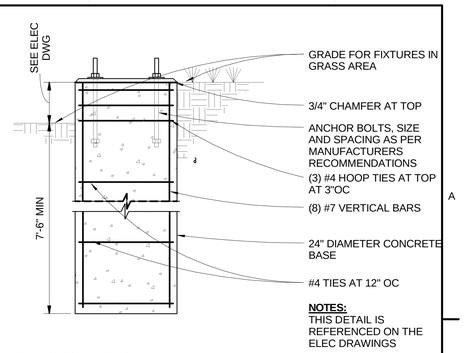
2 SS-501 TYPICAL STEPPED FOOTING
1/2" = 1'-0"



3 SS-501 TYPICAL UTILITY OPENING THROUGH FOOTING
1/2" = 1'-0"

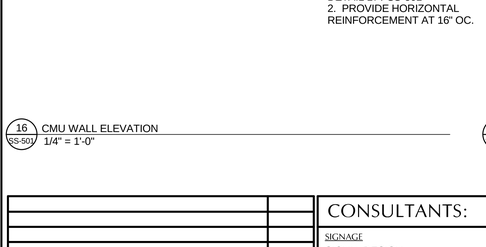


4 SS-501 UTILITY SLEEVE BELOW FOOTING
1/2" = 1'-0"

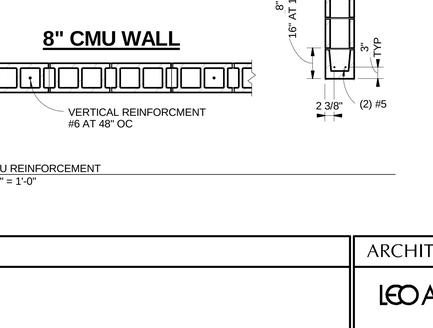


NOTES:
THIS DETAIL IS REFERENCED ON THE ELEC DRAWINGS

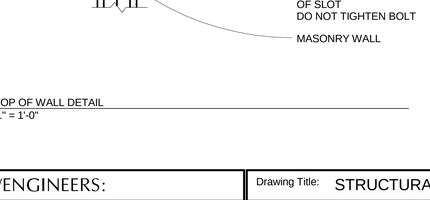
5 SS-501 LIGHTING POLE BASE DETAIL
1" = 1'-0"



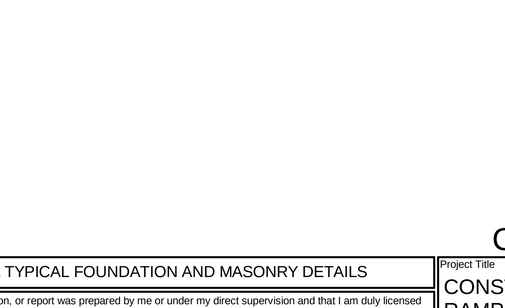
6 SS-501 SLAB JOINTS
1/2" = 1'-0"



7 SS-501 ISOLATION JOINT
1/2" = 1'-0"



8 SS-501 SLAB RECESS
1/2" = 1'-0"



9 SS-501 THICKENED SLAB DETAIL
1/2" = 1'-0"

NOTE:
COORDINATE SIZE AND LOCATION OF PADS WITH MECH AND ELEC CONTRACTORS. PAD CONFIGURATION, AND SIZE AND LOCATION OF ANCHOR BOLTS AND SLEEVES SHALL CONFORM TO MFR'S REQUIREMENTS

10 SS-501 EQUIPMENT PAD
1/2" = 1'-0"

NOTES:
1. ALL SPLICE BARS TO BE SAME SIZE AND SPACING AS HORIZ WALL REINF
2. IF THERE ARE TWO LAYERS OF WALL REINF, PROVIDE SPLICE BARS FOR BOTH LAYERS

11 SS-501 CORNER BAR DETAIL
1/2" = 1'-0"

NOTES:
1. PROVIDE RECESS IN EXPOSED FACES ABOVE GRADE ONLY
2. 60 FT MAX SPACING OF CONSTRUCTION JOINTS
3. 30 FT MAX SPACING OF CONTROL JOINTS

12 SS-501 WALL JOINTS
1/2" = 1'-0"

13 SS-501 STOOP DETAIL
1/2" = 1'-0"

NOTES:
1. FOR WALL REINFORCEMENT SEE DETAIL 17 / SS-501
2. PROVIDE HORIZONTAL REINFORCEMENT AT 16" OC.

16 SS-501 CMU WALL ELEVATION
1/4" = 1'-0"

17 SS-501 CMU REINFORCEMENT
3/4" = 1'-0"

18 SS-501 TOP OF WALL DETAIL
1" = 1'-0"

CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

SIGNAGE
SIGNIA DESIGN
2395 UNIVERSITY AVENUE W., SUITE 316
SAINT PAUL, MN 55114
PHONE: 651-209-6254

LANDSCAPE
ANDERSON ENGINEERING
13605 1ST AVENUE NORTH, SUITE 100
PLYMOUTH, MN 55441
PHONE: 763-412-4000

ARCHITECTS/ENGINEERS:

LEO A DALY
730 Second Avenue South, Suite 1100
Minneapolis, MN 55402-2455 USA
Tel 612-338-8741 Fax 612-338-4840
Project #023-10131-000

Project #023-10131-000

Drawing Title: STRUCTURAL TYPICAL FOUNDATION AND MASONRY DETAILS

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am duly licensed Professional Engineer under the laws of the State of Minnesota

Signature:

Printed Name: Joy R. Beers
Date: 02-24-2012
License: 42765

Project Title: CONSTRUCT PARKING RAMP DESIGN

Location: 1 VETERANS DRIVE MINNEAPOLIS, MN 55417

Project Number: 618-820

Building Number: 78

Drawing Number: SS-501

Drawing 046 of 116

Date: 02-24-2012

Checked: Checker

Modeled: Author

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Department of Veterans Affairs

VA FORM 08-6231

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