

SHERWOOD - MEADOWLARK SUBSTATION

INDEX OF DRAWINGS

ND-20001	COVER SHEET
ND-20002	GENERAL NOTES
ND-20003	EXISTING CONDITIONS PLAN
ND-20004	GRADING & EROSION CONTROL PLAN
ND-20005	DETAILS

REFERENCE DRAWINGS

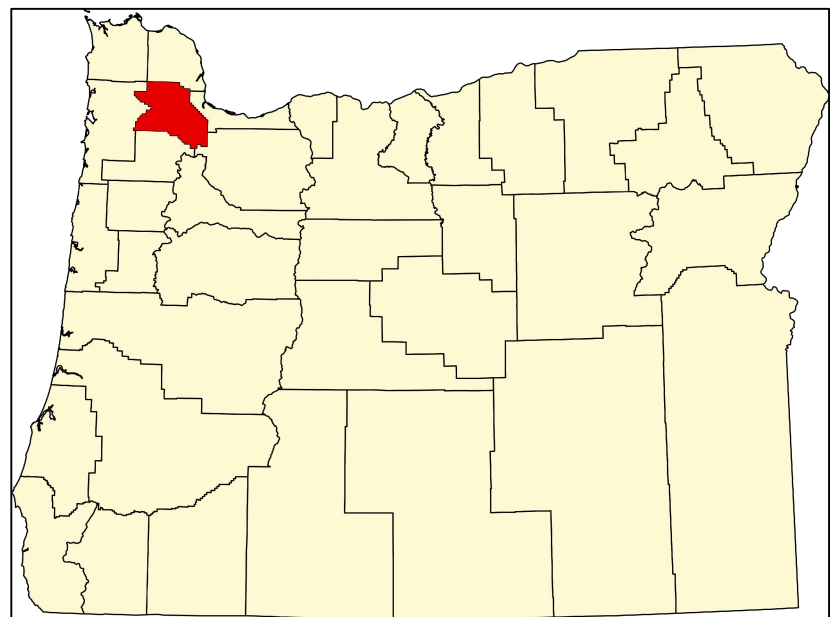
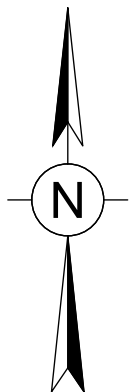
ND-10005	PROPOSED 230KV RISER STRUCTURE
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LEGEND

POH	OVERHEAD POWER
FO	UNDERGROUND FIBER
PUG	UNDERGROUND POWER
IRR	IRRIGATION
WAT	WATER
STO	STORM
SAN	SEWER
OH STRUCTURE	
230KV DUCT BANK	
SEWER MANHOLE	
STORM MANHOLE	
EXISTING GUY ANCHOR	



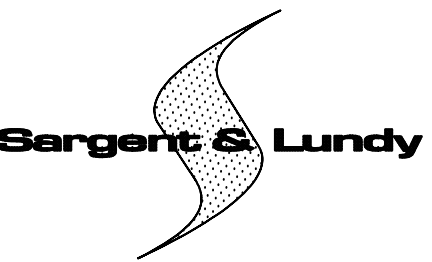
OWNER	PORTLAND GENERAL ELECTRIC CO 121 SW SALMON STREET PORTLAND, OR 97204 (800) 542-8818
DEVELOPER	CIP 412 WEST 15TH STREET, 15TH FLOOR NEW YORK, NY 10011 (202) 262-1415
APPLICANT	MEADOWLARK ENERGY STORAGE LLC, ATTN: EMILY RAMOS 412 WEST 15TH STREET, 15TH FLOOR NEW YORK, NY 10011 (818) 391-7346
CIVIL ENGINEER	SARGENT & LUNDY, ATTN: DAVID WEBSTER 77 W. WACKER DR CHICAGO, IL 60601 (312) 269-2122



CITY OF SHERWOOD,
OREGON

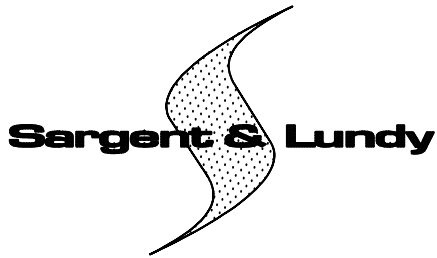
NOTE: THIS SUBMITTAL PACKAGE IS
INTENDED TO SUPPORT THE CITY OF
SHERWOOD REVIEW ONLY FOR THE
PORTION OF WORK WITHIN CITY
JURISDICTION.

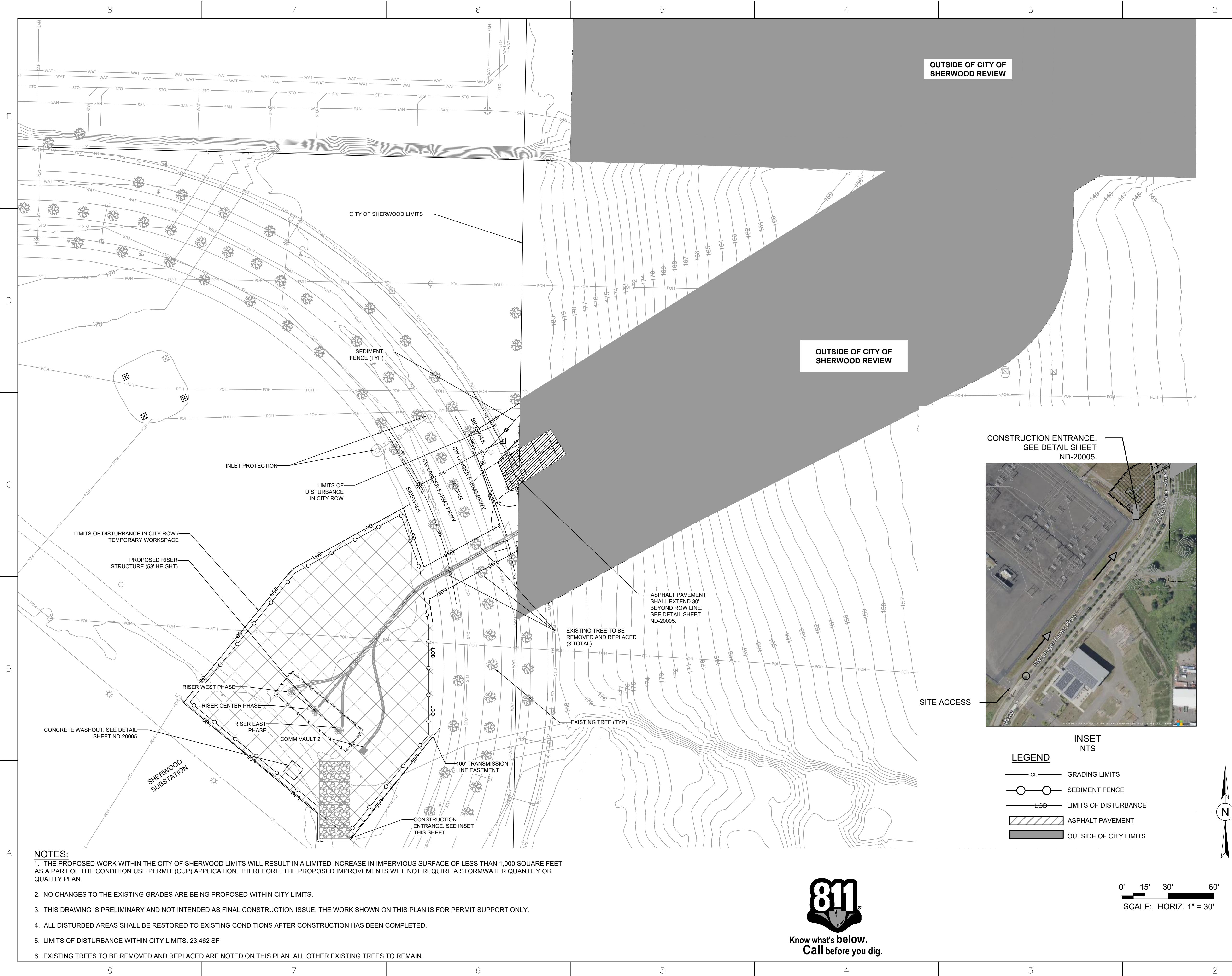


HOLD INFORMATION		
NO.	DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
A	06-15-2026	FOR PERMITTING
ISSUE PURPOSE:		
SPECIFICATION:		
PROJECT NO.: 15867.001		
I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF OREGON.		
ENTER NAME ENTER DATE		
MY LICENSE RENEWAL DATE IS: ENTER DATE PAGES OR SHEETS COVERED BY THIS SEAL: THIS DOCUMENT ONLY.		
CAD FILE NAME: ND-20001.dwg		
PREPARED BY: OV / BM		
REVIEWED BY: DW		
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 77 W WACKER DR, CHICAGO, ILLINOIS 60601		
PRELIMINARY NOT FOR CONSTRUCTION		
PROJECT		
SUBSTATION SHERWOOD, OR		
DRAWING TITLE		
COVER SHEET		
DRAWING NUMBER		REVISION
ND-20001		A
SHEET	1 OF 5	

[illegible]



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CAD FILE NAME: ND-20003.dwg	
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PROJECT	
SUBSTATION	
SHERWOOD, OR	
DRAWING TITLE	
EXISTING CONDITIONS PLAN	
DRAWING NUMBER	REVISION
ND-20003	A
SHEET 3 OF 5	



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CAD FILE NAME: ND-20004.dwg		
PREPARED BY: OV / BM		
REVIEWED BY: DW		
APPROVED BY: MT		
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PROJECT		
SUBSTATION SHERWOOD, OR		
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GRADING & EROSION CONTROL PLAN		
DRAWING NUMBER		REVISION
ND-20004		A
SHEET	4 OF 5	

8	7	6	5	4	3	2	1																															
PAVEMENT SECTION CHART COMPONENT THICKNESS (INCHES) <table><thead><tr><th>FUNCTIONAL CLASSIFICATION</th><th>SECOND LIFT HMAAC THICKNESS</th><th>FIRST LIFT HMAAC THICKNESS</th><th>LEVELING COURSE THICKNESS</th><th>BASE ROCK THICKNESS</th></tr></thead><tbody><tr><td>COLLECTOR</td><td>2"</td><td>3"</td><td>3"</td><td>9"</td></tr></tbody></table> PAVEMENT SECTION CHART COMPONENT THICKNESS (INCHES) <table><thead><tr><th>FUNCTIONAL CLASSIFICATION</th><th>SECOND LIFT HMAAC THICKNESS</th><th>FIRST LIFT HMAAC THICKNESS</th><th>LEVELING COURSE THICKNESS</th><th>BASE ROCK THICKNESS</th></tr></thead><tbody><tr><td>COLLECTOR</td><td>2"</td><td>3"</td><td>3"</td><td>9"</td></tr></tbody></table>		FUNCTIONAL CLASSIFICATION	SECOND LIFT HMAAC THICKNESS	FIRST LIFT HMAAC THICKNESS	LEVELING COURSE THICKNESS	BASE ROCK THICKNESS	COLLECTOR	2"	3"	3"	9"	FUNCTIONAL CLASSIFICATION	SECOND LIFT HMAAC THICKNESS	FIRST LIFT HMAAC THICKNESS	LEVELING COURSE THICKNESS	BASE ROCK THICKNESS	COLLECTOR	2"	3"	3"	9"	SEDIMENT FENCE PLAN VIEW PROFILE FRONT VIEW		CONSTRUCTION ENTRANCE PLAN SECTION A-A		811 Know what's below. Call before you dig. SCALE: NOT TO SCALE		HOLD INFORMATION <table><thead><tr><th>NO.</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td></td><td>CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.</td></tr></tbody></table> RELEASE INFORMATION <table><thead><tr><th>REV.</th><th>DATE</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>A</td><td>06-15-2026</td><td>FOR PERMITTING</td></tr></tbody></table> ISSUE PURPOSE: SPECIFICATION: PROJECT NO.: I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF OREGON. ENTER NAME ENTER DATE MY LICENSE RENEWAL DATE IS: ENTER DATE PAGES OR SHEETS COVERED BY THIS SEAL: THIS DOCUMENT ONLY. CAD FILE NAME: ND-20005.dwg PREPARED BY: OV / BM REVIEWED BY: DW APPROVED BY: MT ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY. Sargent & Lundy 77 W WACKER DR, CHICAGO, ILLINOIS 60601 PRELIMINARY NOT FOR CONSTRUCTION PROJECT SUBSTATION SHERWOOD, OR DRAWING TITLE DETAILS DRAWING NUMBER ND-20005 REVISION A SHEET 5 OF 5	NO.	DESCRIPTION		CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.	REV.	DATE	DESCRIPTION	A	06-15-2026	FOR PERMITTING
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STANDARD EROSION CONTROL NOTES FOR SITES LESS THAN 1 ACRE DRAWING NO. 945 REVISED 10-31-19		INLET PROTECTION TYPE 6 DRAWING NO. 925 REVISED 10-31-19		CONCRETE WASHOUT DRAWING NO. 900 REVISED 10-31-19																																		
8	7	6	5	4	3	2	1																															

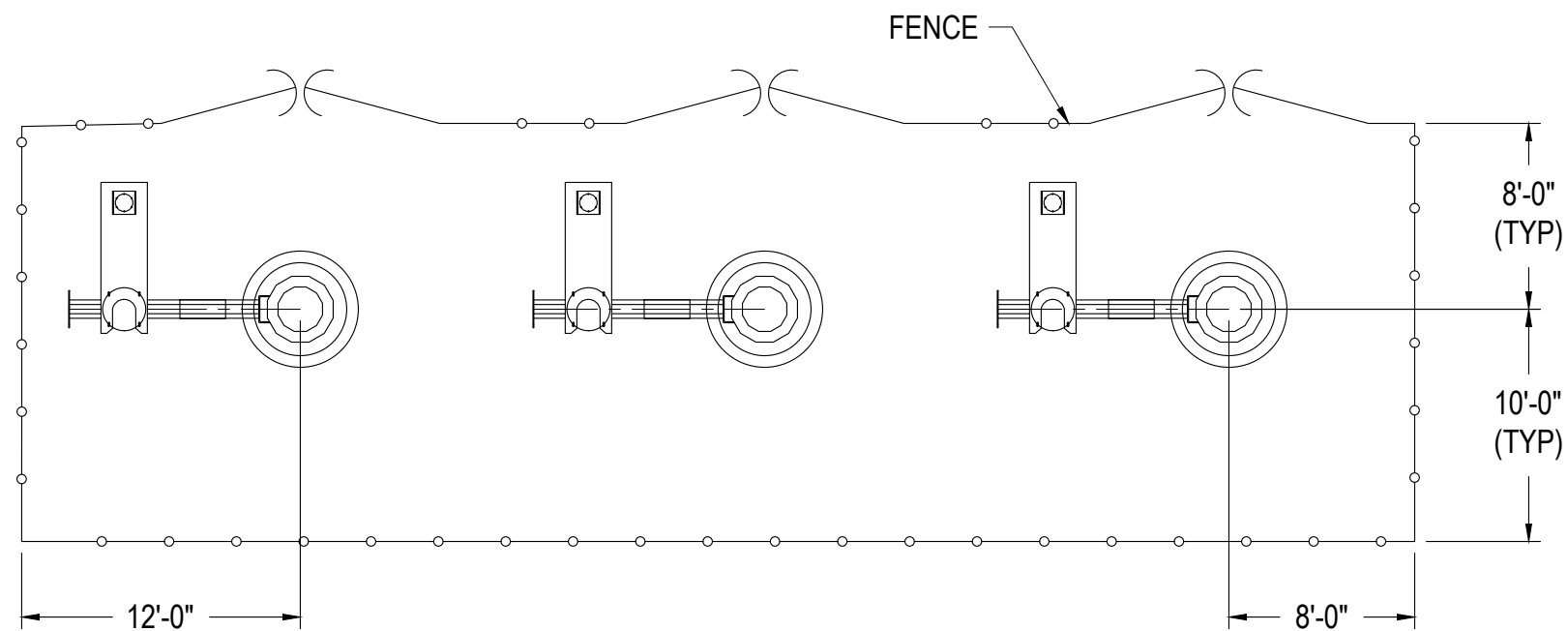
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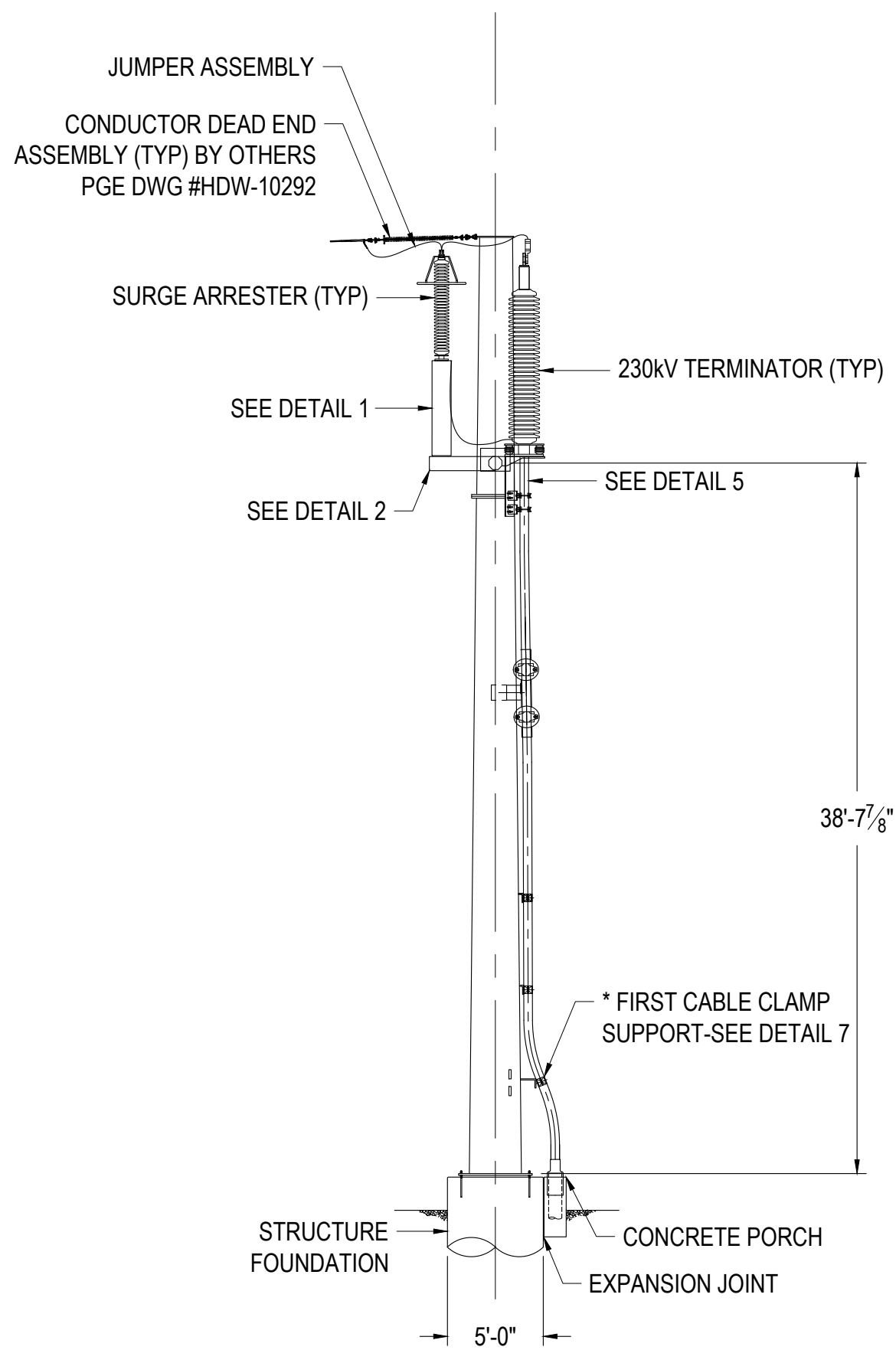
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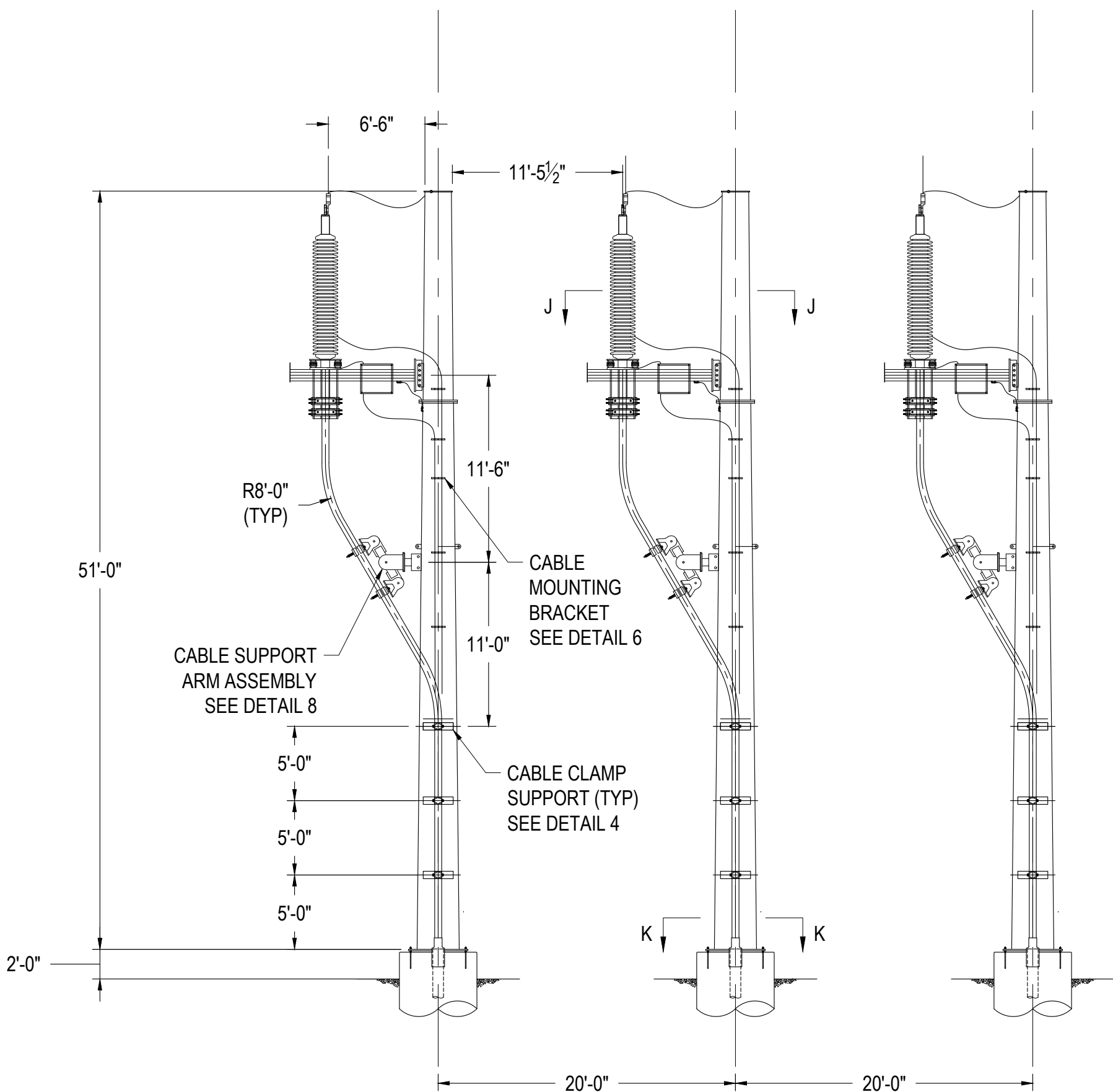
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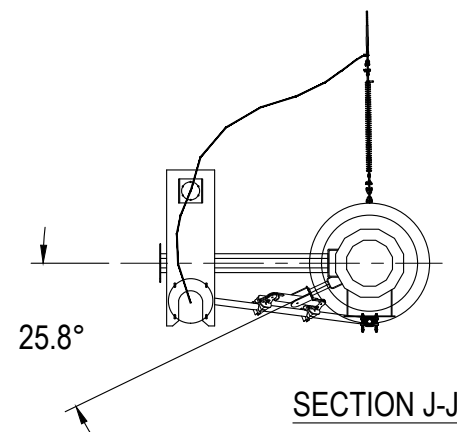
PLAN VIEW



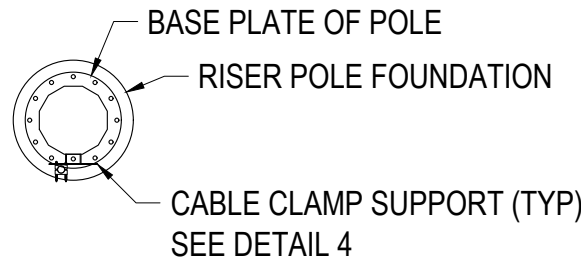
SIDE ELEVATION



SINGLE CIRCUIT 3-POLE RISER CONFIGURATION



SECTION J-J



SECTION K-K

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RELEASE INFORMATION

REV.	DATE	DESCRIPTION
A	05/01/2026	ISSUED FOR 60% COMMENT
B	06/05/2026	ISSUED FOR 60% FINAL

ISSUE PURPOSE:	ISSUED FOR 60% FINAL
SPECIFICATION:	N/A
PROJECT NO.:	A15867.001

CAD FILE NAME:	ND-10005.dwg
PREPARED BY:	G SCHMIDT
REVIEWED BY:	ED EVANS
APPROVED BY:	
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Sargent & Lundy

77 W. WACKER DRIVE
CHICAGO, ILLINOIS 60601

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT
COPENHAGEN INFRASTRUCTURE PARTNERS SHERWOOD-MEADOWLARK 230KV TRANSMISSION LINE SHERWOOD, OR

DRAWING TITLE

PROPOSED 230KV
RISER STRUCTURE

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

DRAWING NUMBER	REVISION
ND-10005	B
SHEET 1 OF 2	