

DOCKETED	
Docket Number:	25-OPT-02
Project Title:	Prairie Song Reliability Project
TN #:	264409
Document Title:	App 2A Project Description Appendices Part 1
Description:	N/A
Filer:	Erin Phillips
Organization:	Dudek
Submitter Role:	Applicant Consultant
Submission Date:	6/20/2025 12:39:22 PM
Docketed Date:	6/20/2025

Section 2.0

Project Description

Appendices

1 of 4

Appendix 2A

Site Plan Package

1 of 2

[illegible]

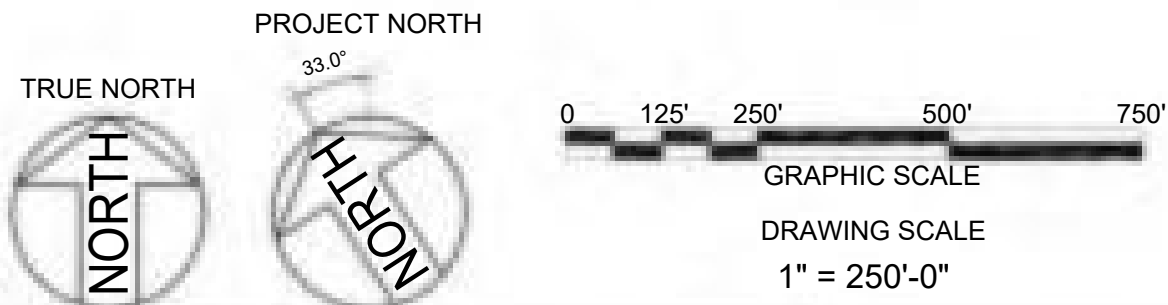


- NOTES:
- PROJECT OWNER: PRAIRIE SONG RELIABILITY PROJECT, LLC
 - PROJECT ADDRESS: 1222 SOLEDAD CANYON RD
ACTON, CA 93510-2402
 - OWNER'S ENGINEER: SARGENT AND LUNDY
55 E MONROE STREET
CHICAGO, IL 60603
 - UTILITIES SERVING PROJECT:
ELECTRIC - SOUTHERN CALIFORNIA EDISON
WATER - ON-SITE WELL
SEWAGE - ON-SITE SEPTIC
TELEPHONE AND CABLE - PACIFIC TELEPHONE
& TELEGRAPH
 - LAND USE:

WITHIN 100'	PLAN USE	ZONING
NORTH	RL-2 - RURAL LAND 2	A-1-2 LIGHT AGRICULTURAL
SOUTH	RL-5 - RURAL LAND 5	A-2-3 HEAVY AGRICULTURAL
EAST	RL-2 - RURAL LAND 2	A-1-2 LIGHT AGRICULTURAL
WEST	RL-2 - RURAL LAND 2	A-1-2 LIGHT AGRICULTURAL
 - AREAS OF PROPOSED FACILITIES:
BESS YARD AND PROJECT SUBSTATION - 2,056,142 SQFT
ACCESS ROADS - 6,121 SQFT
LAYDOWN AREAS - 45,302 SQFT
ALL DRIVE AREAS IN BESS YARDS TO BE PAVED
ALL EQUIPMENT AREAS IN BESS YARDS TO BE GRAVEL
SWITCHYARD TO BE CRUSHED ROCK THROUGHOUT

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
0A	2/24/2025
0B	3/31/2025
0C	4/4/2025
0D	5/2/2025
0E	5/20/2025
ISSUED FOR 30%	
ISSUED FOR PERMIT	
ISSUED FOR PERMIT	
ISSUED FOR PERMIT	
ISSUED FOR PERMIT	
ISSUE PURPOSE: ISSUED FOR PERMIT	
SPECIFICATION: -	
PROJECT NO.: 15474.001	
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 ENTER NAME.	
ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455	
CERT OF AUTHORIZATION (WHEN REQ'D)	
CAD FILE NAME: ANG-SE-101_S002.DWG	
PREPARED BY: LG	
REVIEWED BY: EC/GM	
APPROVED BY: APPD	
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.	
Sargent & Lundy	
SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780	
PROJECT	
PRAIRIE SONG RELIABILITY PROJECT	
DRAWING TITLE	
PROJECT SITE PLAN	
DRAWING NUMBER	
PSR-SE-101	
REVISION	
0E	
DRAWING NUMBER	
PSR-SE-101	
REVISION	
0E	
SHEET	
2 OF 2	

PRELIMINARY



HOLD INFORMATION	
NO.	DESCRIPTION

CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTORS/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.

RELEASE INFORMATION

REV.	DATE	DESCRIPTION
0A	4/4/2025	ISSUED FOR PERMIT
0B	5/2/2025	ISSUED FOR PERMIT
0C	5/20/2025	ISSUED FOR PERMIT

ISSUE PURPOSE: ISSUED FOR PERMIT
SPECIFICATION: -
PROJECT NO.: 15474.001

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 ENTER NAME.

ISSUED FOR PRELIMINARY PURPOSES
GREG MAGSAYSAY, P.E.
LICENSE #E17455

CERT OF AUTHORIZATION (WHEN REQ'D)

CAD FILE NAME: PSR-SE-102_S001.DWG
PREPARED BY: LG
REVIEWED BY: EC
APPROVED BY: APPD

ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.



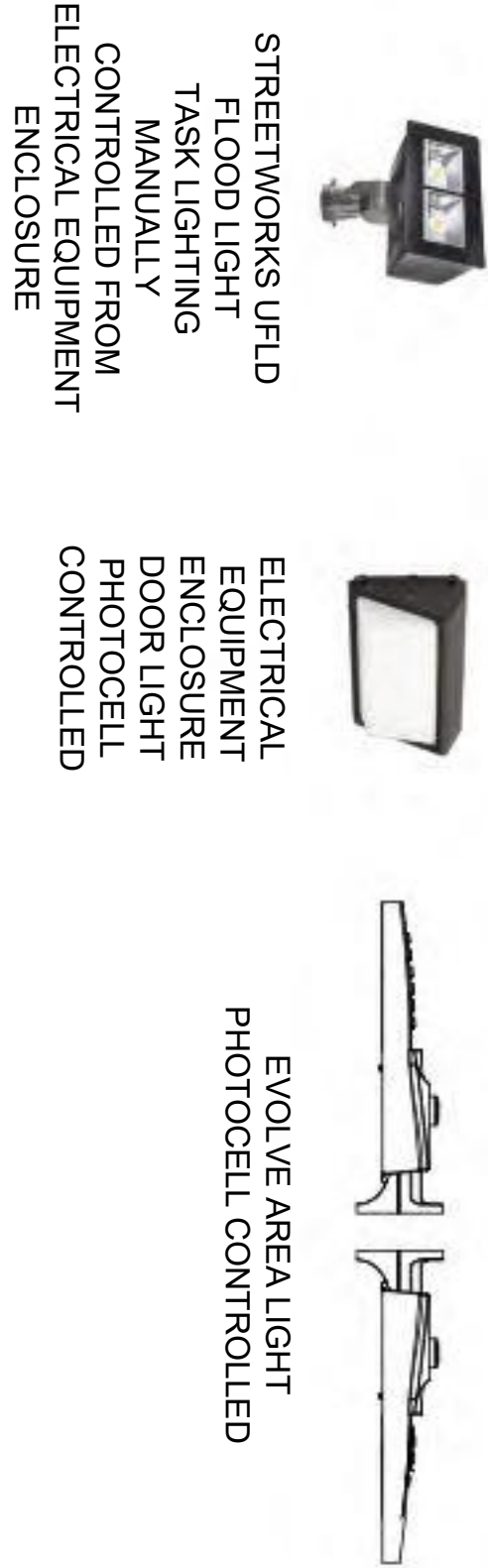
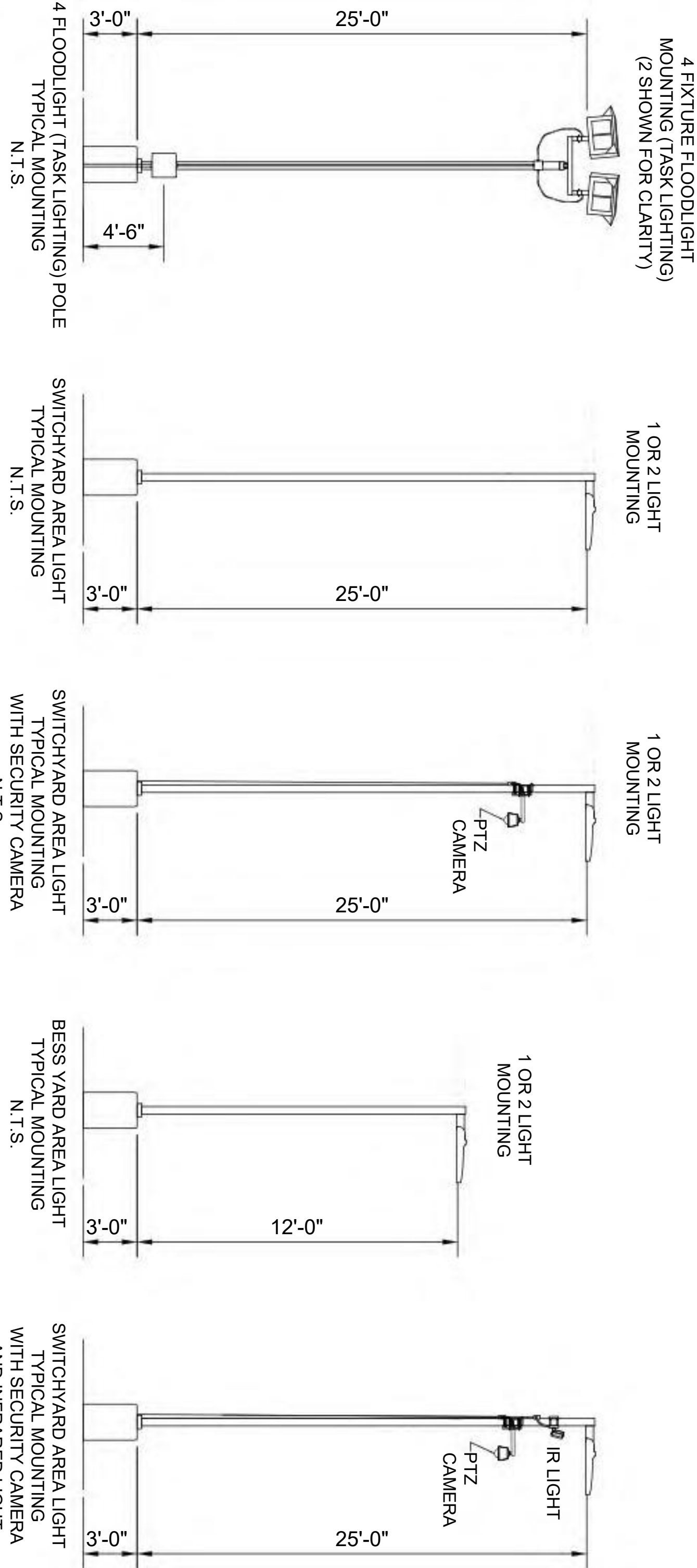
PROJECT

PRAIRIE SONG
RELIABILITY PROJECT

DRAWING TITLE

LIGHTING PLAN

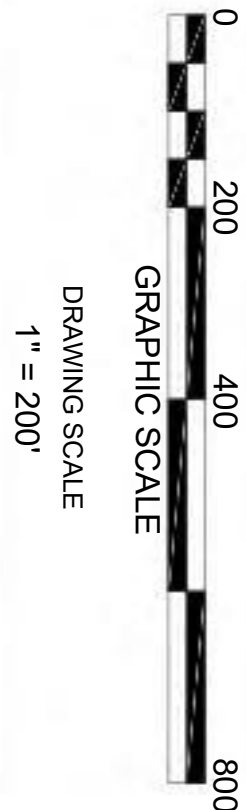
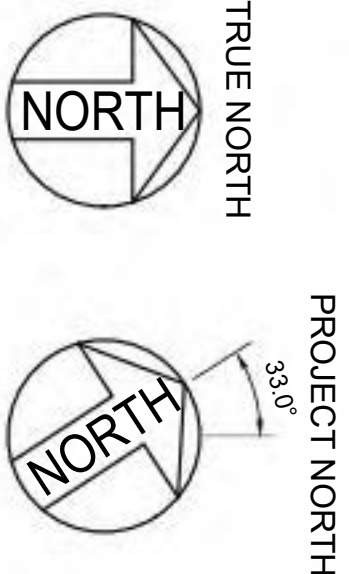
DRAWING NUMBER		REVISION	
PSR-SE-102		0C	
SHEET	1 OF 1		

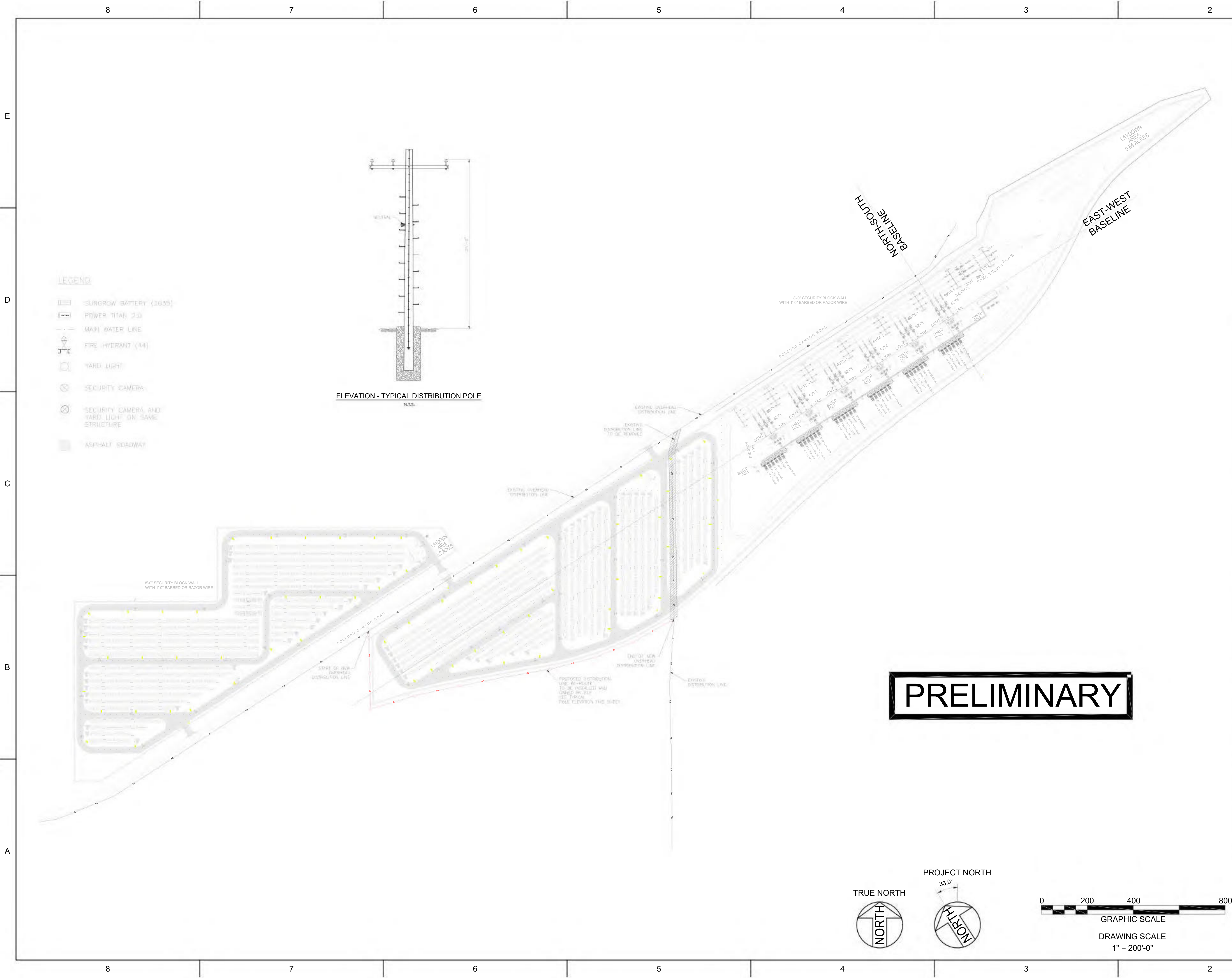



GENERAL NOTES:

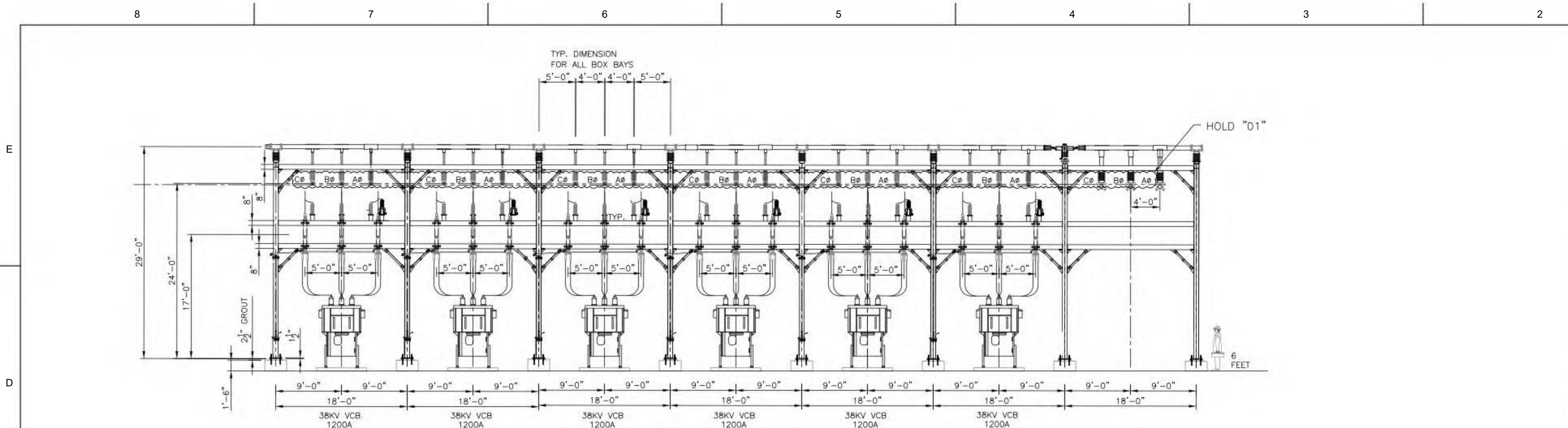
- ALL WORK DONE BY CONTRACTOR/INSTALLER PURSUANT TO THIS DRAWING SHALL:
 - CONFORM TO THE GOVERNING CONTRACT DOCUMENTS.
 - BE PERFORMED EXCLUSIVELY BY ITS TRAINED, COMPETENT PERSONNEL, OR, WHERE PERMITTED, BY A SUBCONTRACTOR(S) SAFELY TRAINED AND APPROPRIATELY LICENSED.
 - ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING THE CONTRACTOR(S)/INSTALLER'S PERSONNEL (OR THAT OF ITS SUBCONTRACTOR(S)) PERFORMING THE WORK.
- UNDERGROUND OR EMBEDDED UTILITIES MAY EXIST WITHIN THE AREA OF AND ADJACENT TO THE LIMITS OF THE WORK. THE LOCATION OR IDENTIFICATION OF SUCH UTILITIES HAS NOT BEEN VERIFIED BY OWNER OR BY S&L. CONTRACTOR/INSTALLER IS RESPONSIBLE FOR FIELD LOCATING AND IDENTIFYING UNDERGROUND OR EMBEDDED UTILITIES AND ANY OTHER UNDERGROUND OR EMBEDDED UTILITY DIMENSIONS.
- REFERENCES USED HAVE BEEN IDENTIFIED ON EXCAVATION/FOUNDATION/DEMOLITION DRAWINGS AND HAVE BEEN PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING EXISTING UTILITIES AND OTHER POTENTIAL UNDERGROUND OR EMBEDDED INTERFERENCES. THESE REFERENCES ONLY SHOW THE APPROXIMATE LOCATION OF POTENTIAL UNDERGROUND OR EMBEDDED UTILITIES AND MAY NOT INDICATE OR REFLECT ALL EXISTING UNDERGROUND OR EMBEDDED UTILITIES OR THEIR ACTUAL LOCATIONS.
- REFERENCES IDENTIFIED SHALL NOT SUBSTITUTE FOR THE CONTRACTOR(S)/INSTALLER'S OBLIGATION TO FIELD LOCATE ANY UNDERGROUND OR EMBEDDED UTILITIES OR INTERFERENCES THAT MAY AFFECT THE WORK.
- DUE CAUTION SHALL BE TAKEN DURING ANY EXCAVATION/FOUNDATION/DEMOLITION WORK WITHIN THE AREA OF AND ADJACENT TO THE LIMITS OF THE WORK DUE TO POSSIBLE INTERFERENCES THAT MAY NOT BE REFLECTED ON THE REFERENCES IDENTIFIED.

PRELIMINARY

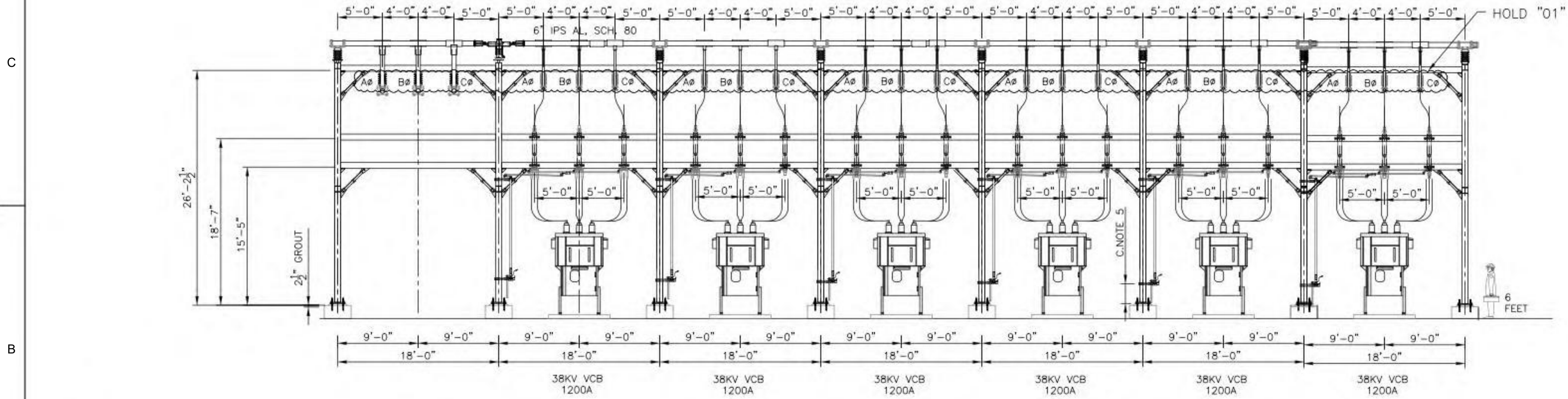




HOLD INFORMATION		
NO.	DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
0A	4/16/2025	ISSUED FOR PERMIT
0B	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 ENTER NAME.		
ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME: PSR-SE-103_S001.DWG		
PREPARED BY: LG		
REVIEWED BY: JPO		
APPROVED BY: APPD		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div><p>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</p></div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
DISTRIBUTION LINE RE-ROUTE		
DRAWING NUMBER		REVISION
PSR-SE-103		0B
SHEET	1 OF 1	



SECTION VIEW - TYPICAL
SECTIONS I-I, N-N, S-S, X-X, CC-CC & HH-HH



SECTION VIEW - TYPICAL
SECTIONS H-H, M-M, R-R, W-W, BB-BB & GG-GG

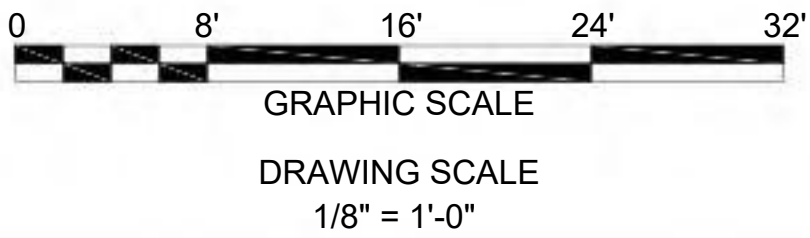
GENERAL NOTES:


- ALL WORK DONE BY CONTRACTOR/INSTALLER PURSUANT TO THIS DRAWING SHALL:
 - CONFORM TO THE GOVERNING CONTRACT DOCUMENTS
 - BE PERFORMED EXCLUSIVELY BY ITS TRAINED, COMPETENT PERSONNEL OR, WHERE PERMITTED, THAT OF ITS SUBCONTRACTOR(S)
 - COMPLY WITH ALL APPLICABLE SAFETY LAWS, REGULATIONS, PROGRAMS AND PRACTICES TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING THE CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUBCONTRACTOR(S)) PERFORMING THE WORK
- UNDERGROUND OR EMBEDDED UTILITIES [MAY] EXIST WITHIN THE AREA OF AND ADJACENT TO THE LIMITS OF THE WORK. THE LOCATION OR IDENTIFICATION OF SUCH UTILITIES HAS NOT BEEN VERIFIED BY OWNER OR BY S&L. CONTRACTOR/INSTALLER IS RESPONSIBLE FOR FIELD LOCATING AND IDENTIFYING UNDERGROUND AND EMBEDDED UTILITIES AND ANY OTHER UNDERGROUND AND EMBEDDED UTILITY DIMENSIONS.
- REFERENCES USED HAVE BEEN IDENTIFIED ON EXCAVATION/FOUNDATION/DEMOLITION DRAWINGS AND HAVE BEEN PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING EXISTING UTILITIES AND OTHER POTENTIAL UNDERGROUND OR EMBEDDED INTERFERENCES. THESE REFERENCES ONLY SHOW THE APPROXIMATE LOCATION OF POTENTIAL UNDERGROUND OR EMBEDDED UTILITIES AND MAY NOT INDICATE OR REFLECT ALL EXISTING UNDERGROUND OR EMBEDDED UTILITIES OR THEIR ACTUAL LOCATIONS.
- REFERENCES IDENTIFIED SHALL NOT SUBSTITUTE FOR THE CONTRACTOR'S/INSTALLER'S OBLIGATION TO FIELD LOCATE ANY UNDERGROUND OR EMBEDDED UTILITIES OR INTERFERENCES THAT MAY AFFECT THE WORK.
- DUE CAUTION SHALL BE TAKEN DURING ANY EXCAVATION/FOUNDATION/DEMOLITION WORK WITHIN THE AREA OF AND ADJACENT TO THE LIMITS OF THE WORK DUE TO POSSIBLE INTERFERENCES THAT MAY NOT BE REFLECTED ON THE REFERENCES IDENTIFIED.

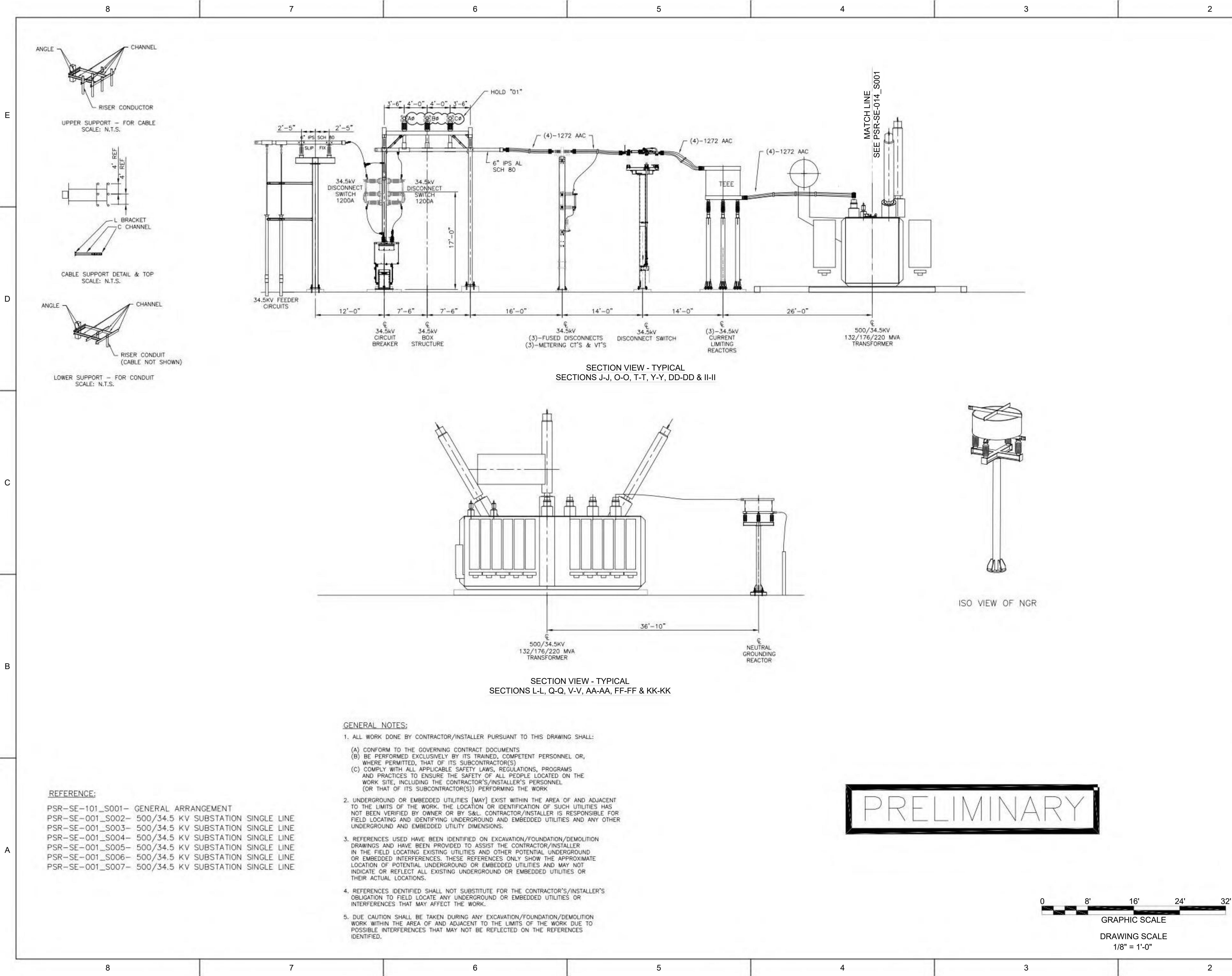
REFERENCE:


PSR-SE-101-S001- GENERAL ARRANGEMENT
PSR-SE-001_S002- 500/34.5 KV SUBSTATION SINGLE LINE
PSR-SE-001_S003- 500/34.5 KV SUBSTATION SINGLE LINE
PSR-SE-001_S004- 500/34.5 KV SUBSTATION SINGLE LINE
PSR-SE-001_S005- 500/34.5 KV SUBSTATION SINGLE LINE
PSR-SE-001_S006- 500/34.5 KV SUBSTATION SINGLE LINE
PSR-SE-001_S007- 500/34.5 KV SUBSTATION SINGLE LINE

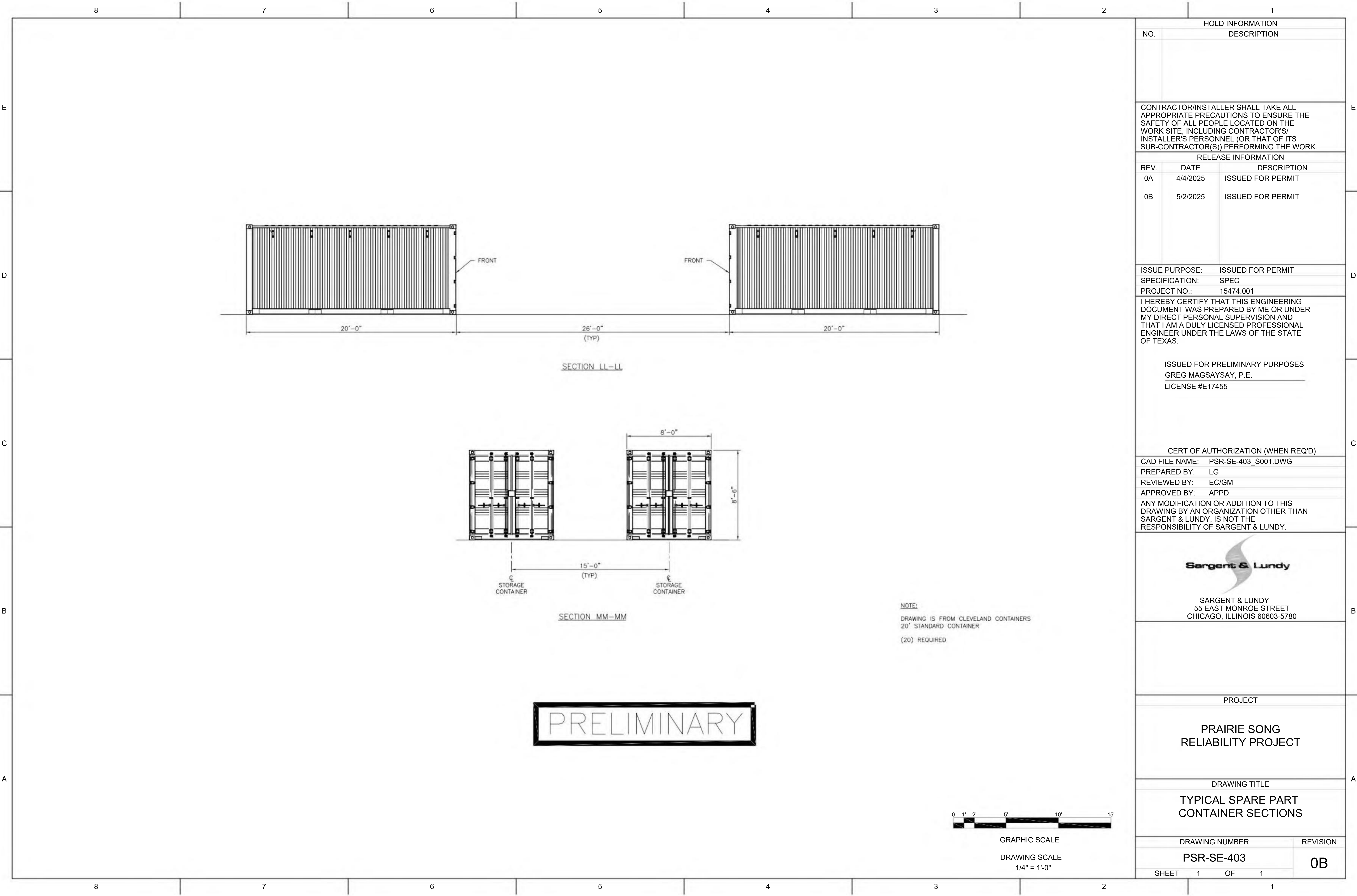
PRELIMINARY




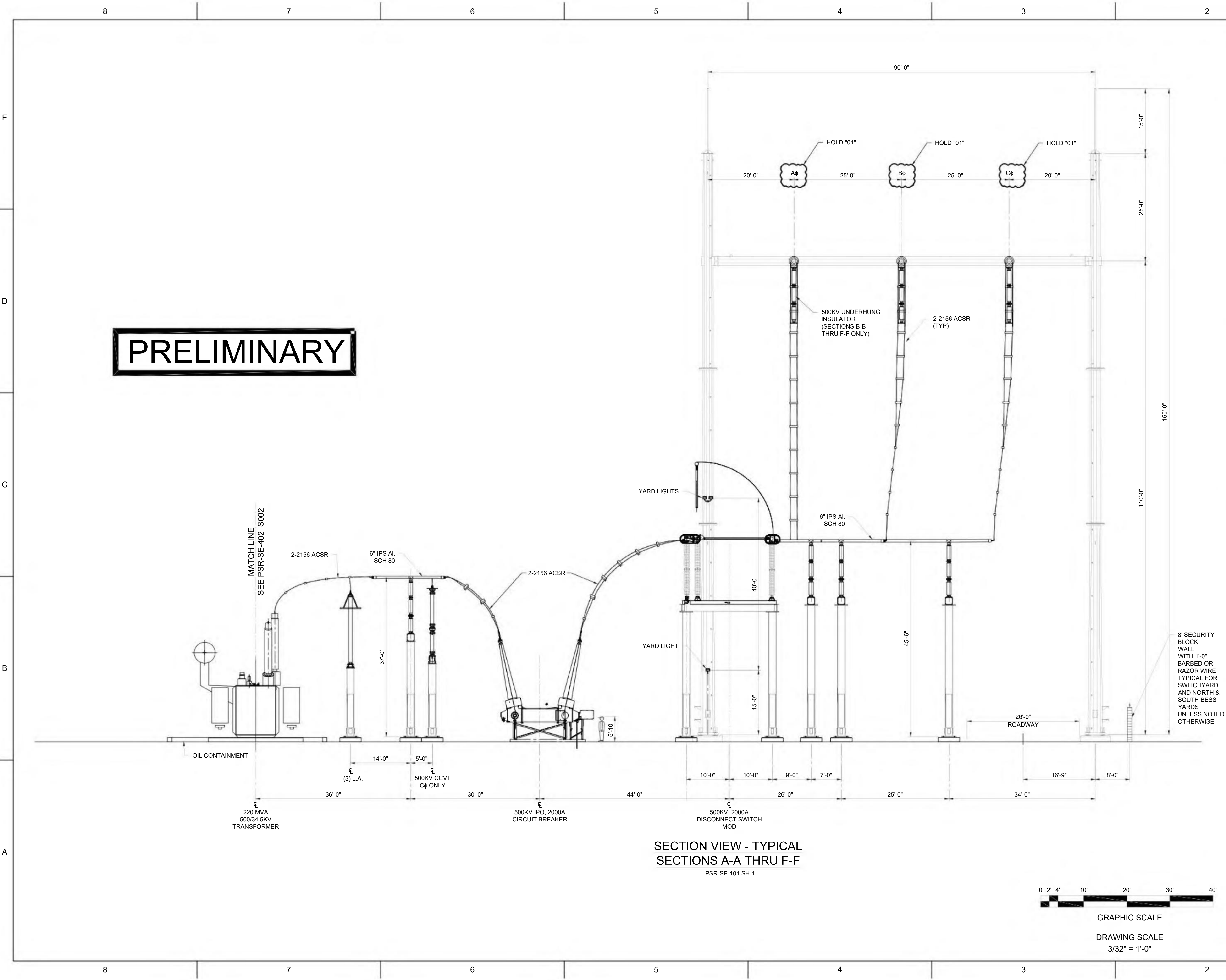
HOLD INFORMATION		
NO.	DESCRIPTION	
01	PHASING TO BE PROVIDED BY CLIENT	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
0A	2/24/2025	ISSUED FOR 30%
0B	4/4/2025	ISSUED FOR PERMIT
0C	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		SPEC
PROJECT NO.:		15474.001
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME:		PSR-SE-402_S001.DWG
PREPARED BY:		LG
REVIEWED BY:		EC/GM
APPROVED BY:		APPD
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
TYPICAL 34.5KV SWITCHYARD SECTIONS		
DRAWING NUMBER		REVISION
PSR-SE-402		0C
SHEET	1 OF 3	




HOLD INFORMATION		
NO.	DESCRIPTION	
01	PHASING TO BE PROVIDED BY CLIENT	
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
0A	2/24/2025	ISSUED FOR 30%
0B	4/4/2025	ISSUED FOR PERMIT
0C	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		SPEC
PROJECT NO.:		15474.001
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME:		PSR-SE-402_S002.DWG
PREPARED BY:		LG
REVIEWED BY:		EC/GM
APPROVED BY:		APPD
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div><p>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</p></div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
TYPICAL 34.5KV SWITCHYARD SECTION 2		
DRAWING NUMBER		REVISION
PSR-SE-402		0C
SHEET	2 OF 3	

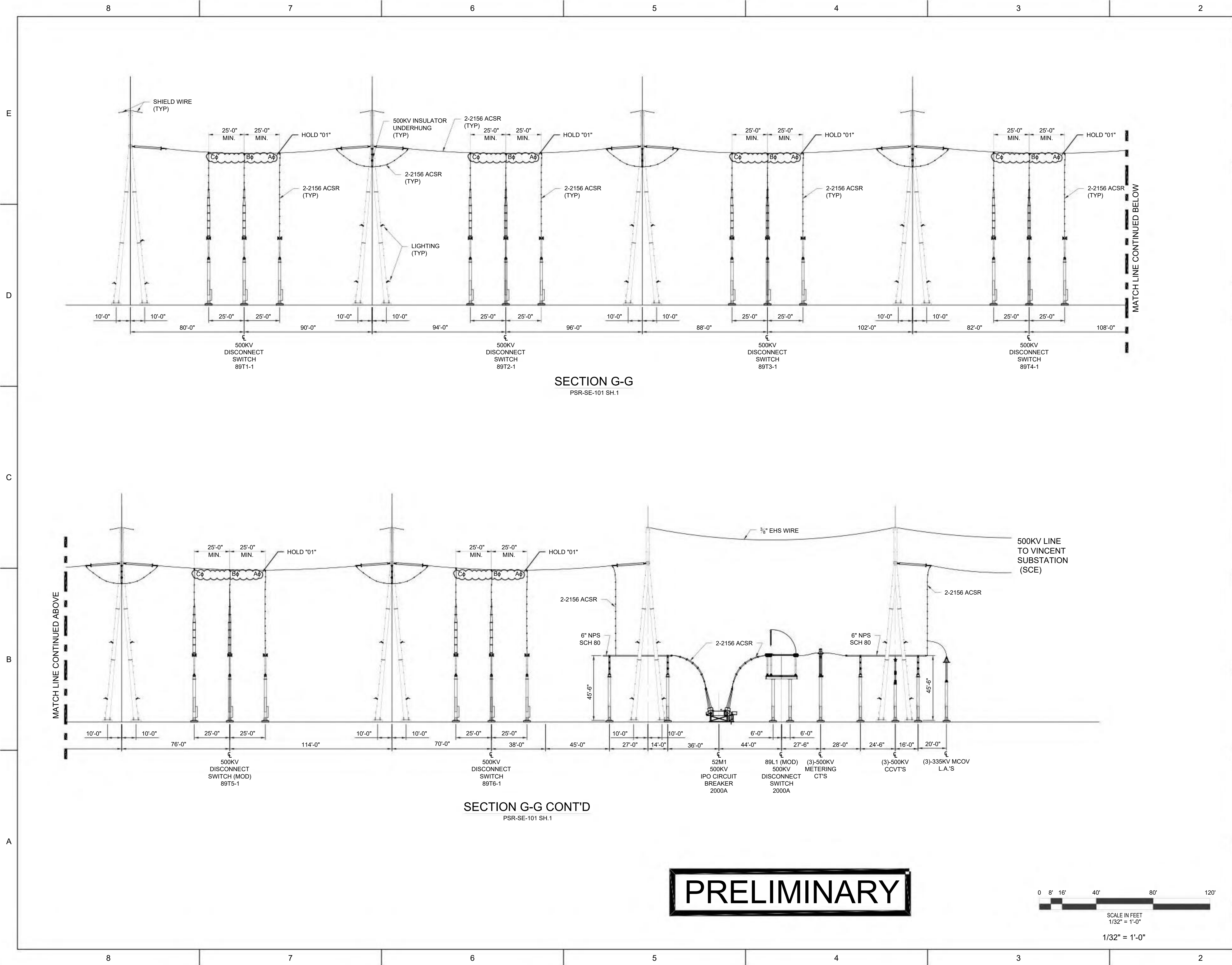



HOLD INFORMATION		
NO.	DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
0A	4/4/2025	ISSUED FOR PERMIT
0B	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		SPEC
PROJECT NO.:		15474.001
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 TEXAS.		
ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME:		PSR-SE-403_S001.DWG
PREPARED BY:		LG
REVIEWED BY:		EC/GM
APPROVED BY:		APPD
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
TYPICAL SPARE PART CONTAINER SECTIONS		
DRAWING NUMBER		REVISION
PSR-SE-403		0B
SHEET	1 OF 1	



PRELIMINARY

HOLD INFORMATION		
NO.	DESCRIPTION	
01	PHASING TO BE PROVIDED BY CLIENT	
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
0A	2/24/2025	ISSUED FOR 30%
0B	4/4/2025	ISSUED FOR PERMIT
0C	5/2/2025	ISSUED FOR PERMIT
0D	5/20/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		SPEC
PROJECT NO.:		15474.001
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 ENTER NAME.		
ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME:		PSR-SE-014_S002.DWG
PREPARED BY:		LG
REVIEWED BY:		EC
APPROVED BY:		APPD
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div><p>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</p></div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
500KV SWITCHYARD TYPICAL SECTION VIEW		
DRAWING NUMBER		REVISION
PSR-SE-014		0D
SHEET	1 OF 7	



HOLD INFORMATION		
NO.	DESCRIPTION	
01	PHASING TO BE PROVIDED BY CLIENT	
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
0A	2/24/2025	ISSUED FOR 30%
0B	4/4/2025	ISSUED FOR PERMIT
0C	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		SPEC
PROJECT NO.:		15474.001
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 ENTER NAME.		
ISSUED FOR PRELIMINARY PURPOSES		
GREG MAGSAYSAY, P.E.		
LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME:		PSR-SE-014_S007.dwg
PREPARED BY:		LG
REVIEWED BY:		EC
APPROVED BY:		APPD
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div><p>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</p></div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
TYPICAL 500KV SWITCHYARD ELEVATION 2		
DRAWING NUMBER		REVISION
PSR-SE-014		0C
SHEET	7 OF 7	

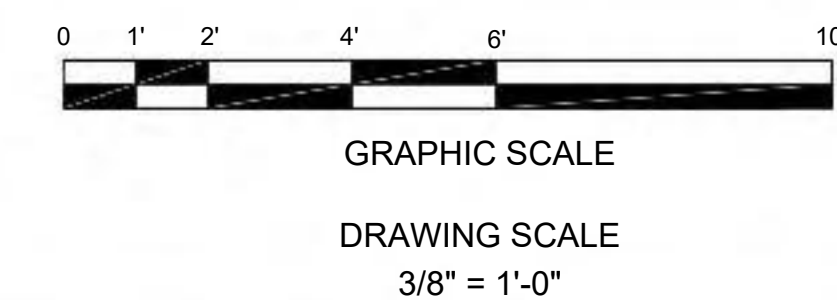


C



A

PRELIMINARY




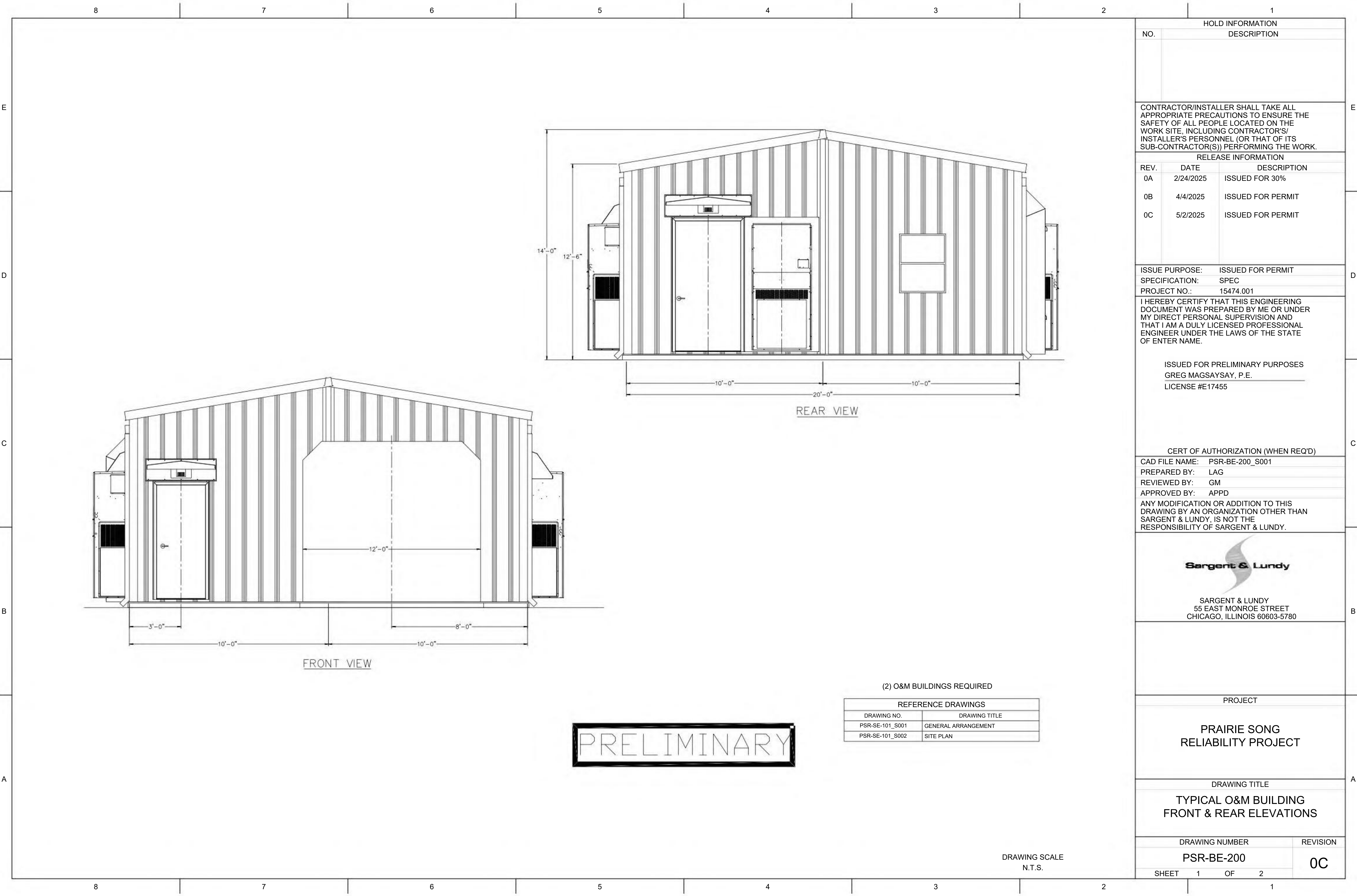



PRELIMINARY

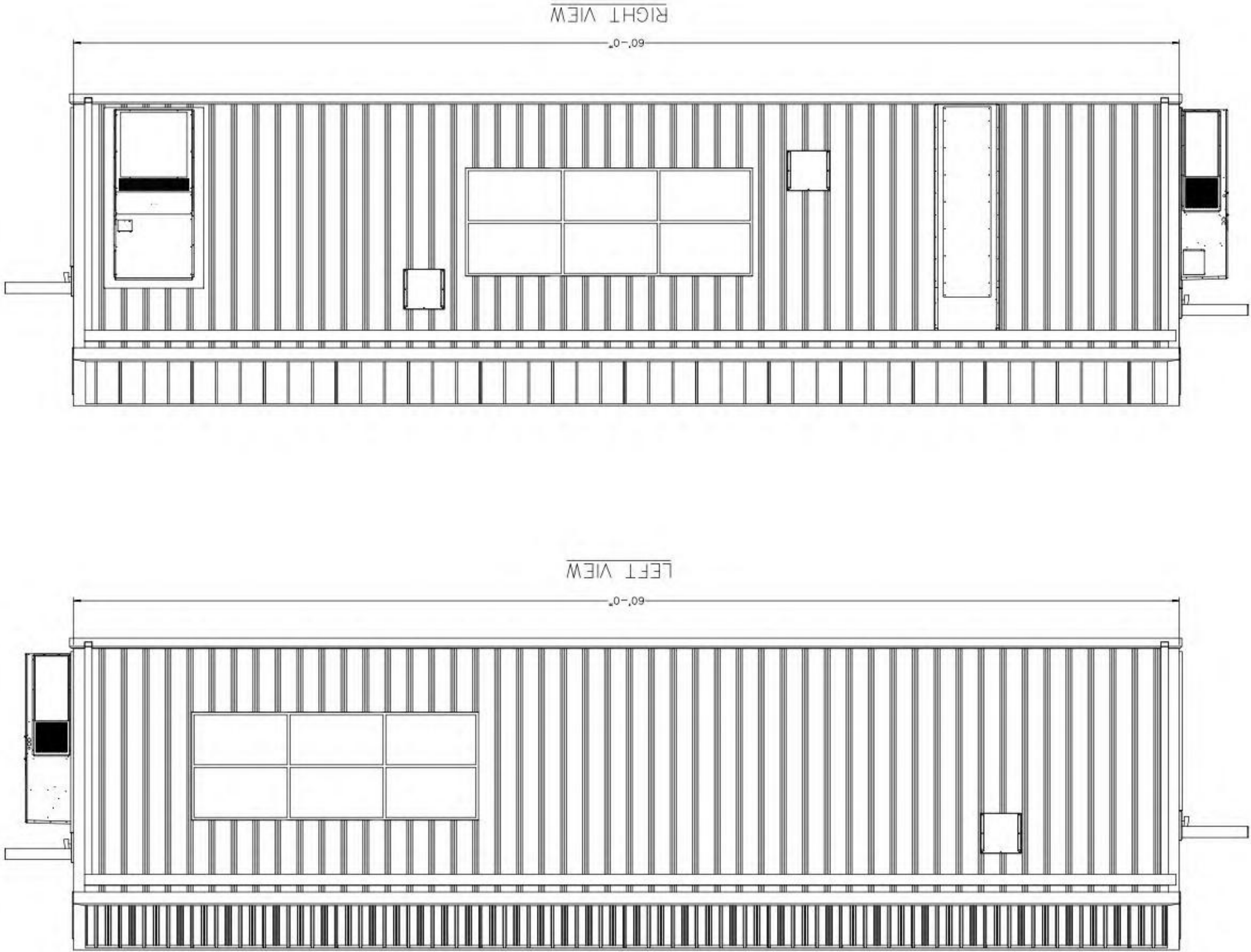


DRAWING SCALE
1/2" = 1'-0"

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
0A	4/4/2025	ISSUED FOR PERMIT
0B	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: SPEC		
PROJECT NO.: 15474.001		
<p>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 ENTER NAME.</p> <p>ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455</p>		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME: PSR-SE-015_S005.DWG		
PREPARED BY: LG		
REVIEWED BY: GM		
APPROVED BY: APPD		
<p>ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.</p>		
 <p>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</p>		
PROJECT		
<p>PRAIRIE SONG RELIABILITY PROJECT</p>		
DRAWING TITLE		
<p>TYPICAL SUBSTATION BATTERY BACKUP ENCLOSURE SECTIONS</p>		
DRAWING NUMBER		REVISION
PSR-SE-015		0B
SHEET	5 OF 6	



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
0A	2/24/2025	ISSUED FOR 30%
0B	4/4/2025	ISSUED FOR PERMIT
0C	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		SPEC
PROJECT NO.:		15474.001
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 ENTER NAME.		
ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME: PSR-BE-200_S001		
PREPARED BY: LAG		
REVIEWED BY: GM		
APPROVED BY: APPD		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
TYPICAL O&M BUILDING FRONT & REAR ELEVATIONS		
DRAWING NUMBER		REVISION
PSR-BE-200		0C
SHEET	1 OF 2	




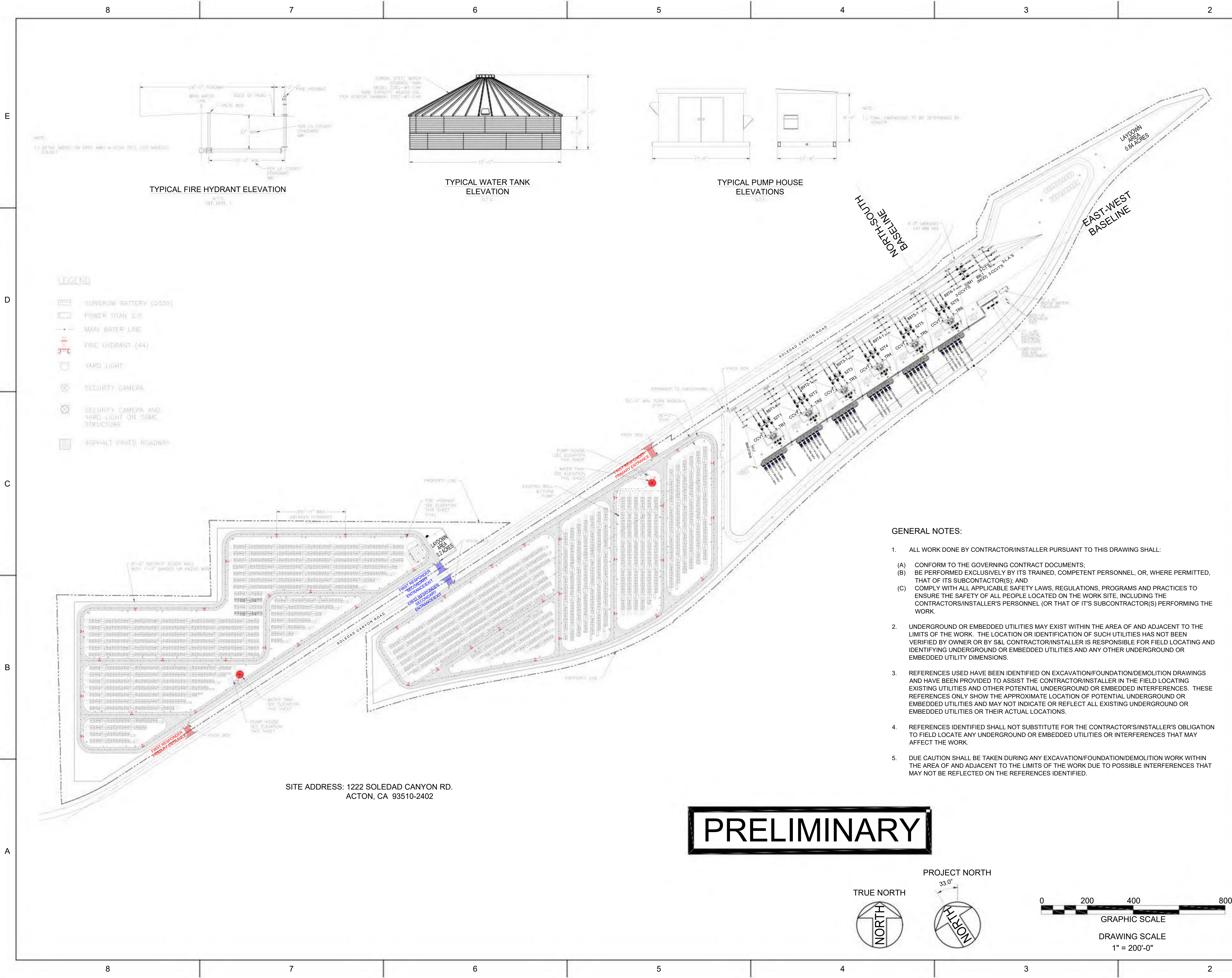
PRELIMINARY


DRAWING SCALE
N.T.S.

REFERENCE DRAWINGS	DRAWING NO.	PSR-SE-101_S001	GENERAL ARRANGEMENT	SITE PLAN	PSR-SE-101_S002
--------------------	-------------	-----------------	---------------------	-----------	-----------------

(2) O&M BUILDINGS REQUIRED

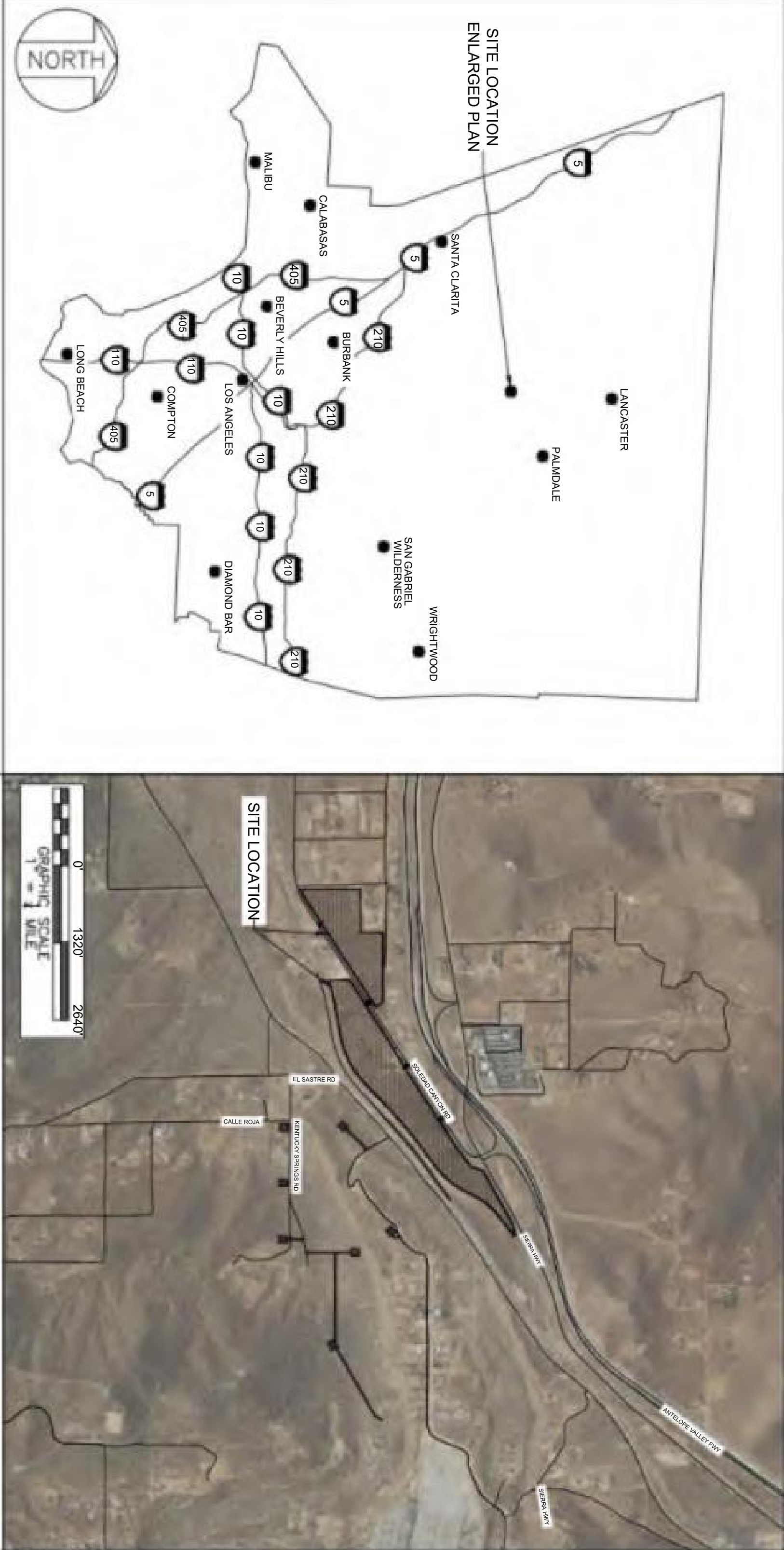
HOLD INFORMATION		
NO.	DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTORS/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
0A	2/24/2025	ISSUED FOR 30%
0B	4/4/2025	ISSUED FOR PERMIT
0C	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: SPEC		
PROJECT NO.: 15474.001		
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 ENTER NAME.		
ISSUED FOR PRELIMINARY PURPOSES		
GREG MAGSAYSAY, P.E.		
LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME: PSR-BE-200_S002.DWG		
PREPARED BY: LAG		
REVIEWED BY: GM		
APPROVED BY: APPD		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
		
SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
TYPICAL O&M BUILDING SIDE ELEVATIONS		
DRAWING NUMBER		
PSR-BE-200		
SHEET 2 OF 2		
0C		



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
0A	4/4/2025	ISSUED FOR PERMIT
0B	4/14/2025	ISSUED FOR PERMIT
0C	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 ENTER NAME.		
ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME: PSR-SE-201_S001.DWG		
PREPARED BY: LG		
REVIEWED BY: EC/GM		
APPROVED BY: APPD		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
FIRE SAFETY AND WATER CIRCULATION PLAN		
DRAWING NUMBER		REVISION
PSR-BE-201		0C
SHEET	1 OF 1	

PRAIRIE SONG RELIABILITY PROJECT LLC
LOS ANGELES COUNTY, CALIFORNIA
PRAIRIE SONG RELIABILITY PROJECT

VICINITY MAP



LOS ANGELES COUNTY MAP (N.T.S.)

SITE LOCATION ENLARGED PLAN

PRAIRIE SONG RELIABILITY PROJECT DRAWING LIST	
DWG. NO.	DRAWING TITLE
PSR-CS-001	COVER SHEET
PSR-CS-002	GENERAL NOTES
PSR-CS-004 S001-S013	GRADING AND DRAINAGE PLAN
PSR-CS-004 S014	GEN-TIE PULL SITES AND LAYDOWN AREA OVERVIEW
PSR-CS-005 S001	GRADING SECTIONS SHEET 1
PSR-CS-005 S002	GRADING SECTIONS SHEET 2
PSR-CS-006 S001	GRADING & DRAINAGE DETAILS
PSR-CS-007 S001-S006	EROSION & SEDIMENT CONTROL PLAN
PSR-CS-008 S001	EROSION & SEDIMENT CONTROL DETAILS
PSR-CS-008 S002	EROSION & SEDIMENT CONTROL DETAILS
PSR-CS-009	UNDERGROUND STORMWATER DETENTION BASIN DETAILS
PSR-CS-010	ENERGY DISSIPATOR DETAILS

PREPARED FOR:
PRAIRIE SONG RELIABILITY
PROJECT LLC

PREPARED BY:
SARGENT & LUNDY
55 E. MONROE ST.
CHICAGO, IL 60603

HOLD INFORMATION	
NO.	DESCRIPTION
	CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTORS/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.

RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT

ISSUE PURPOSE:	ISSUED FOR PERMIT
SPECIFICATION:	-
PROJECT NO.:	15474.001
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 CALIFORNIA.	

ISSUED FOR PRELIMINARY PURPOSES
JOSHUA BICKETT
P.E. LICENSE #95825

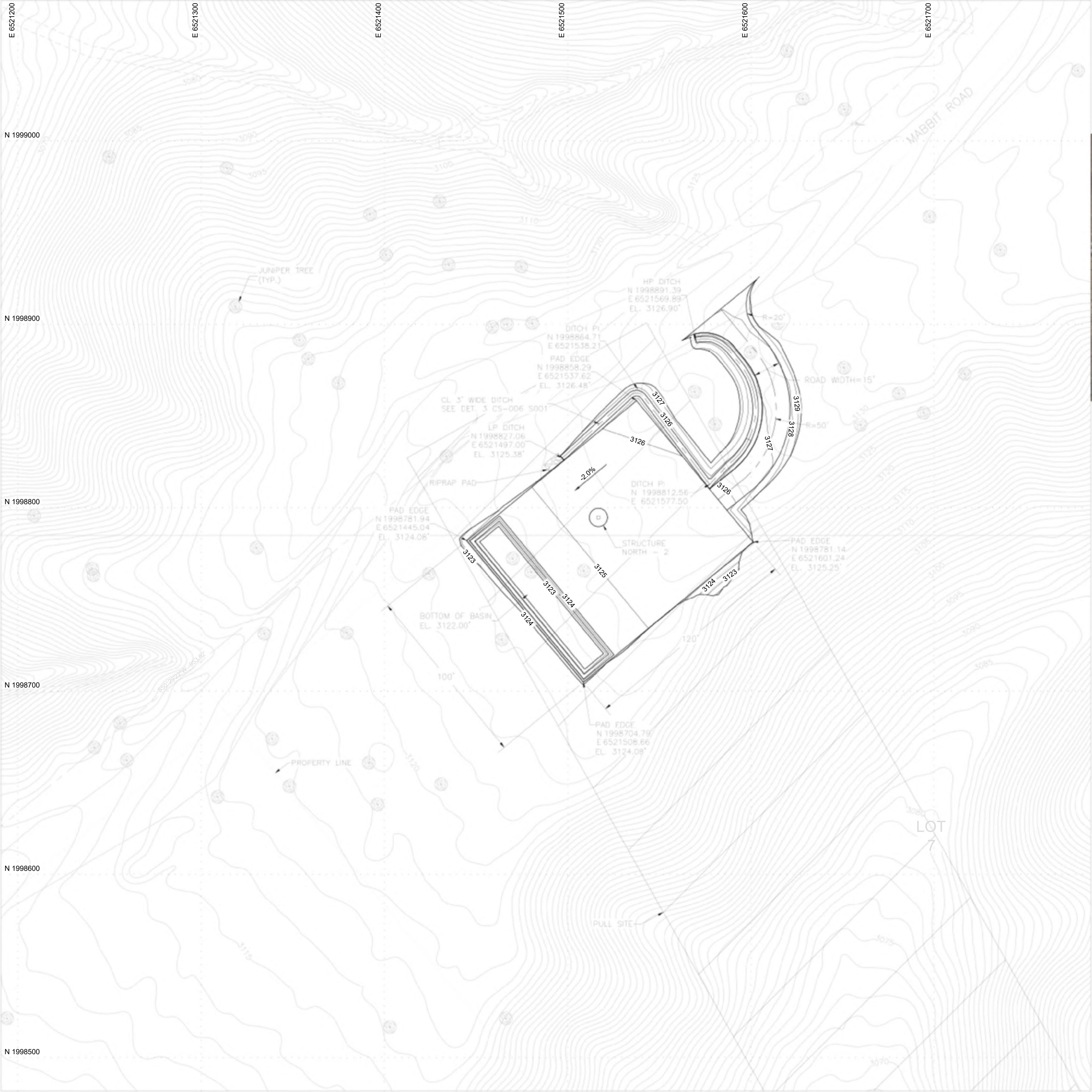
CAD FILE NAME:	PSR-CS-001.DWG
PREPARED BY:	CAF/JN
REVIEWED BY:	JTP
APPROVED BY:	--
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.	

Sargent & Lundy
SARGENT & LUNDY
55 EAST MONROE STREET
CHICAGO, ILLINOIS 60603-5780

PROJECT	
PRAIRIE SONG RELIABILITY PROJECT	
DRAWING TITLE	
COVER SHEET	
DRAWING NUMBER	PSR-CS-001
REVISION	0C
SHEET	1 OF 1

PERMIT ONLY
NOT FOR CONSTRUCTION

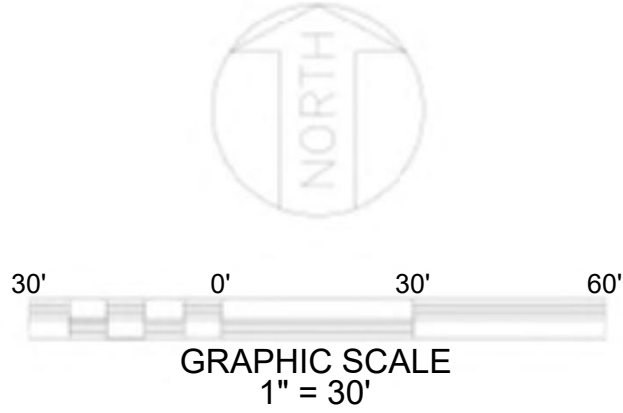
\$PINFO:\$
Form GOG-0401-01-09, ANSI (Imperial) MicroStation Border - Size D - 22 x 34
Revision 11A, Revision Date: 04-30-2010



PERMIT ONLY
NOT FOR CONSTRUCTION



VICINITY MAP



NOTES

- GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
- FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
- ESTIMATED QUANTITIES
CUT: 130 CY
FILL: 370 CY
12" TOPSOIL STRIP: 1950 SY
NET: 240 CY FILL

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES		
JOSHUA BICKETT		
P.E. LICENSE #95825		

\$FILE\$
\$ABBREV\$
\$TIMES\$
\$DATES\$

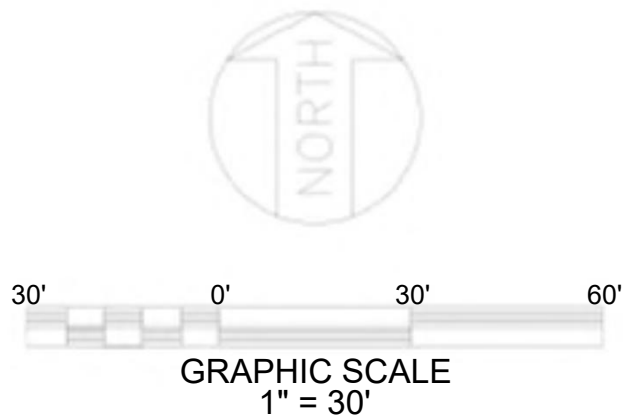
\$PINFO1\$
Form GDG-0401-01-09, ANSI (Imperial) MicroStation Border - Size D - 22 x 34
Revision 11A, Revision Date: 04-30-2010



PERMIT ONLY
NOT FOR CONSTRUCTION



VICINITY MAP



NOTES


- GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
- FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
- ESTIMATED QUANTITIES
CUT: 70 CY
FILL: 700 CY
12" TOPSOIL STRIP: 2620 SY
NET: 630 CY FILL

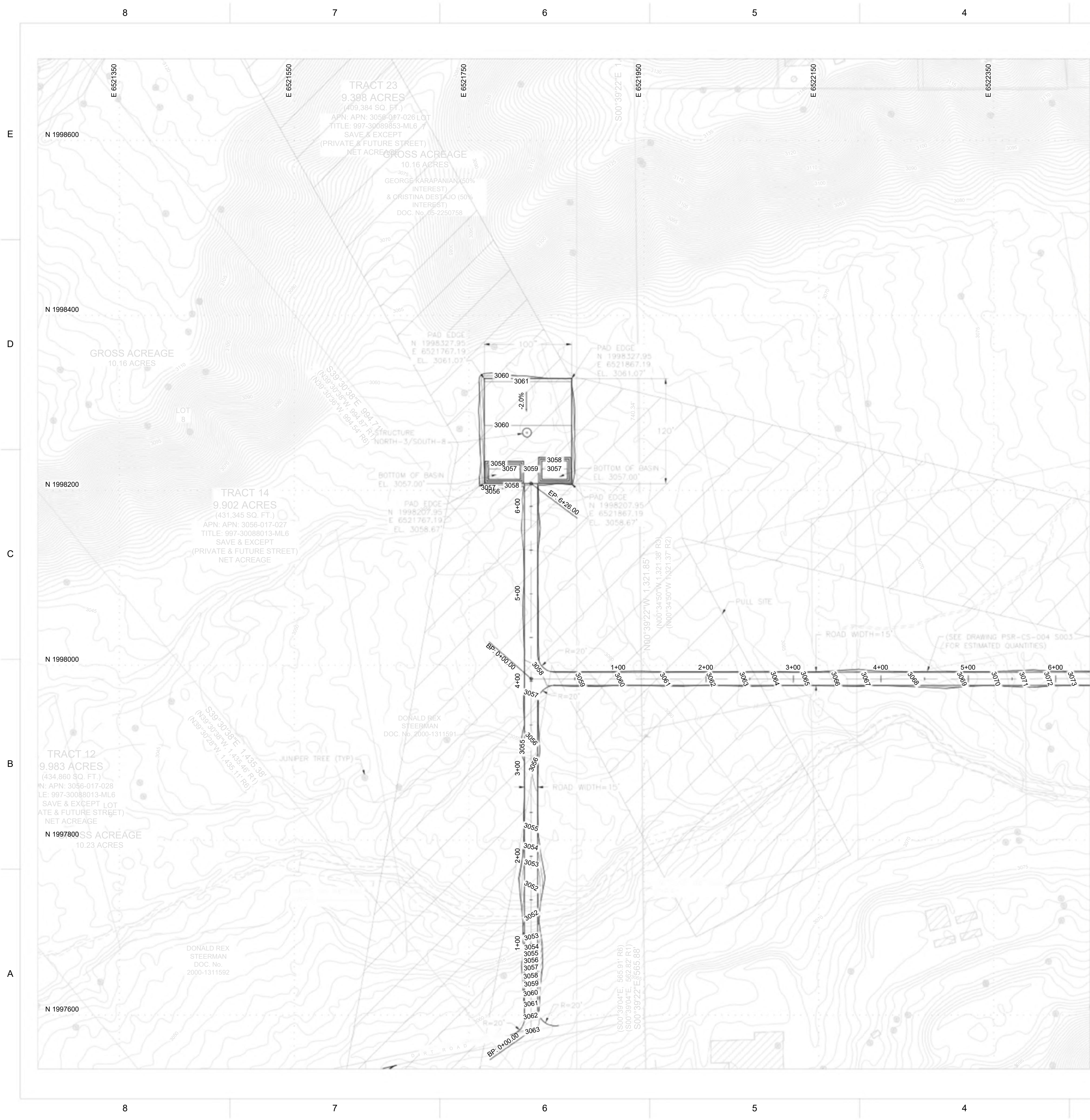
REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		-
PROJECT NO.:		15474.001
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S002.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
GEN-TIE GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S002		0C
SHEET	1 OF 1	



PERMIT ONLY
NOT FOR CONSTRUCTION

VICINITY MAP

DWG. PSR-CS-004 S004

MATCHLINE

60'0"60'120'

GRAPHIC SCALE
1" = 60'

NORTH

NOTES

1. GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.

2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.

3. ESTIMATED PAD QUANTITIES
CUT: 50 CY
FILL: 760 CY
12" TOPSOIL STRIP: 1520 SY
NET: 710 CY FILL

4. ESTIMATED ACCESS ROAD QUANTITIES
CUT: 180 CY
FILL: 100 CY
12" TOPSOIL STRIP: 2410 SY
NET: 80 CY CUT

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		-
PROJECT NO.:		15474.001
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S003.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div><div>Sargent & Lundy</div><div>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div></div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
GEN-TIE GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S003		0C
SHEET	1 OF 1	

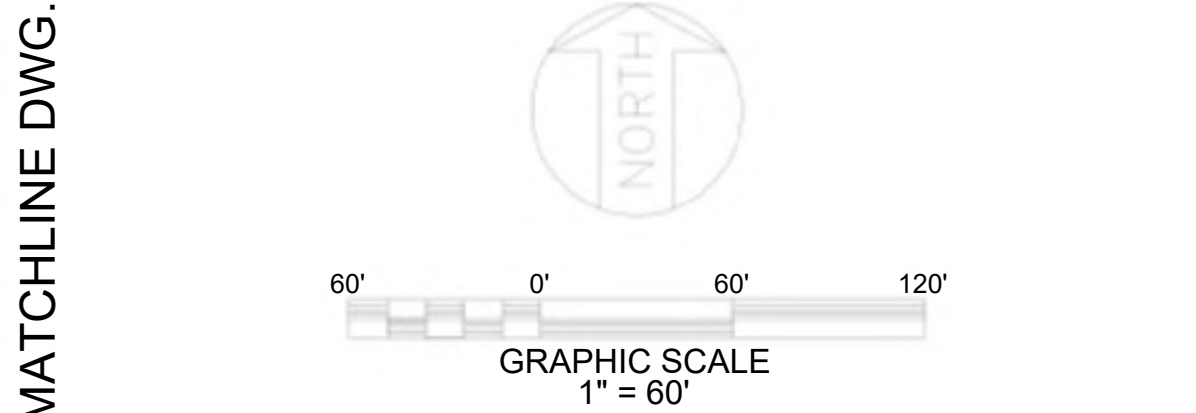
E
D
C
B
A

MATCHLINE DWG. PSR-CS-004 S003



MATCHLINE DWG. PSR-CS-004 S005

PERMIT ONLY
NOT FOR CONSTRUCTION




- NOTES**
- GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
 - FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
 - ESTIMATED PAD QUANTITIES
CUT: 75 CY
FILL: 495 CY
12" TOPSOIL STRIP: 1410 SY
NET: 420 CY FILL
 - ESTIMATED ACCESS ROAD QUANTITIES
CUT: 100 CY
FILL: 70 CY
12" TOPSOIL STRIP: 2320 SY
NET: 30 CY CUT

REFERENCE DRAWINGS

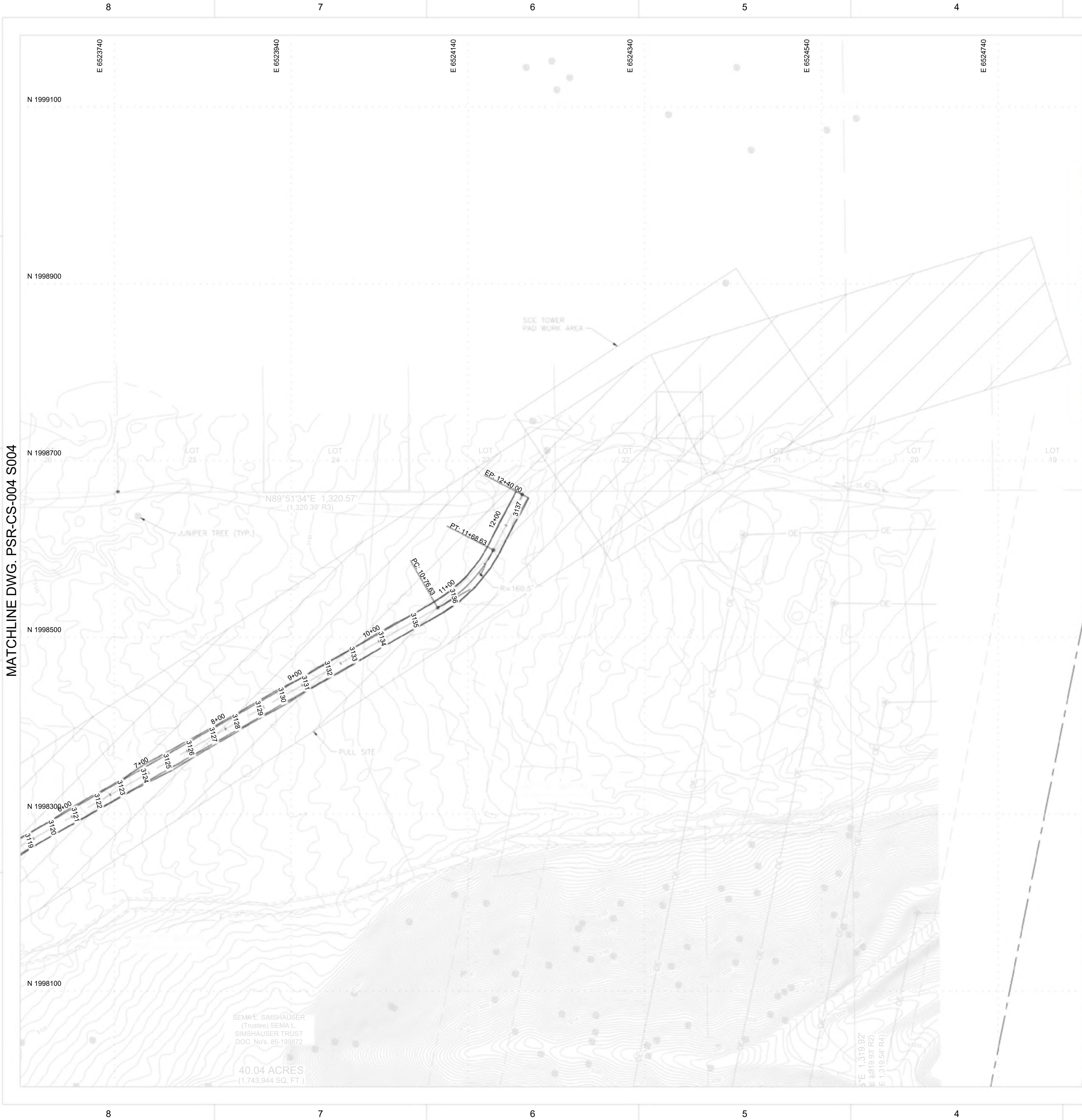
UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

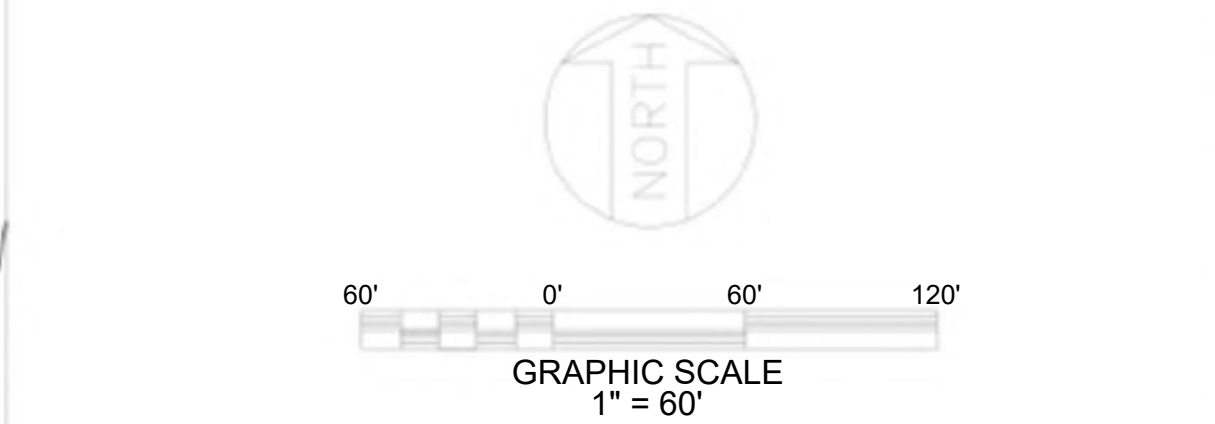
THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		-
PROJECT NO.:		15474.001
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S004.DWG		
PREPARED BY:		CAF/JN
REVIEWED BY:		JTP
APPROVED BY:		--
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
		
SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
GEN-TIE GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S004		0C
SHEET	1 OF 1	

\$FILE\$
\$TIMES\$
\$DATES\$



PERMIT ONLY
NOT FOR CONSTRUCTION




- NOTES**
- GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
 - FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
 - ESTIMATED QUANTITIES
CUT: 100 CY
FILL: 260 CY
12" TOPSOIL STRIP: 2410 SY
NET: 160 CY FILL

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

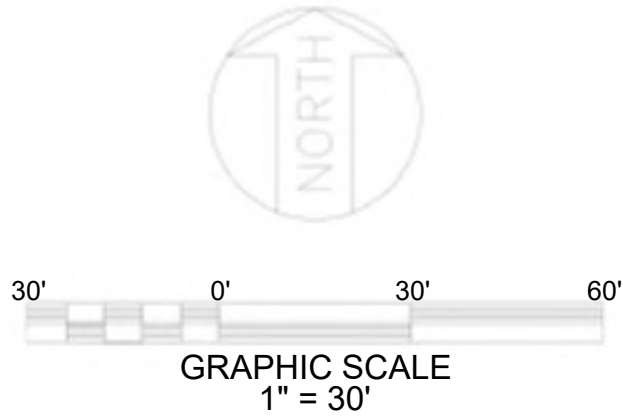
HOLD INFORMATION		
NO.	DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S005.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
GEN-TIE GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S005		0C
SHEET 1	OF 1	



PERMIT ONLY
NOT FOR CONSTRUCTION



VICINITY MAP



NOTES


- GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
- FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
- ESTIMATED QUANTITIES
CUT: 180 CY
FILL: 585 CY
12" TOPSOIL STRIP: 1830 SY
NET: 405 CY FILL

REFERENCE DRAWINGS

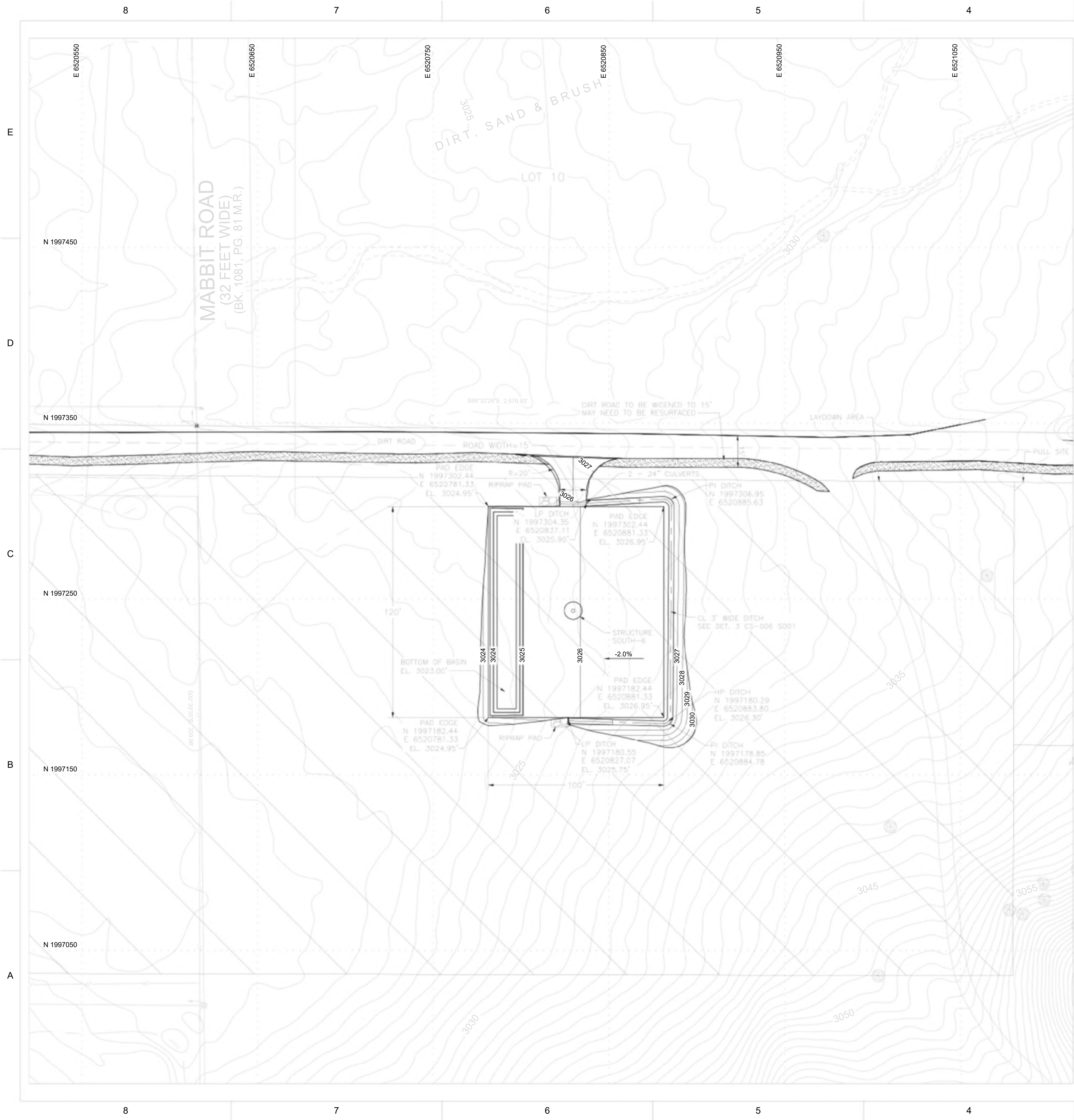
UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S006.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
GEN-TIE GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S006		0C
SHEET 1	OF 1	

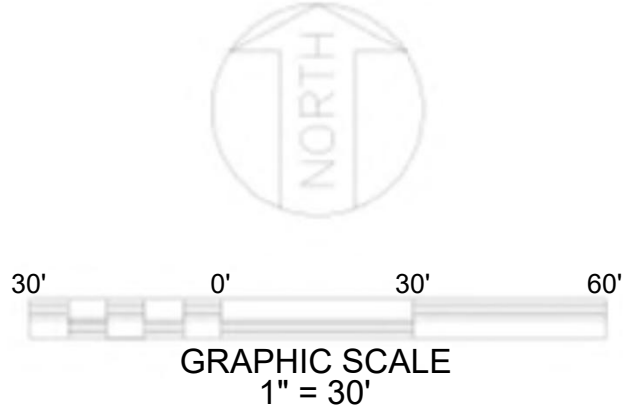
1



PERMIT ONLY
NOT FOR CONSTRUCTION



VICINITY MAP



NOTES


- GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
- FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
- ESTIMATED QUANTITIES
CUT: 75 CY
FILL: 540 CY
12" TOPSOIL STRIP: 1780 SY
NET: 465 CY FILL

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

1		
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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S007.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
		
SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
GEN-TIE GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S007		0C
SHEET 1	OF 1	
1		



NOTES

1. GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.

2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.

3. ESTIMATED QUANTITIES
CUT: 1865 CY
FILL: 190 CY
NET: 1695 CY CUT

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

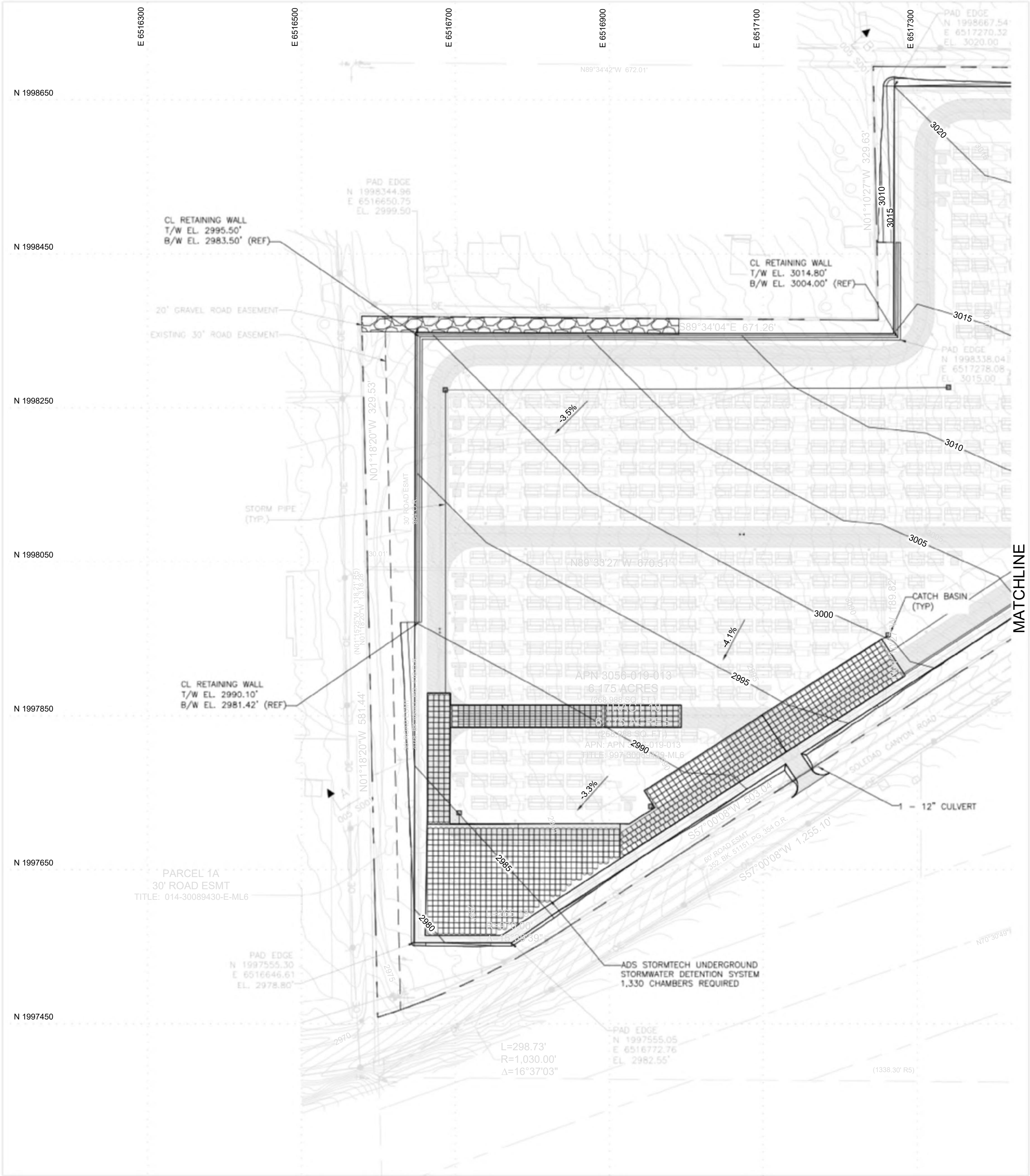
THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.



VICINITY MAP

PERMIT ONLY
NOT FOR CONSTRUCTION

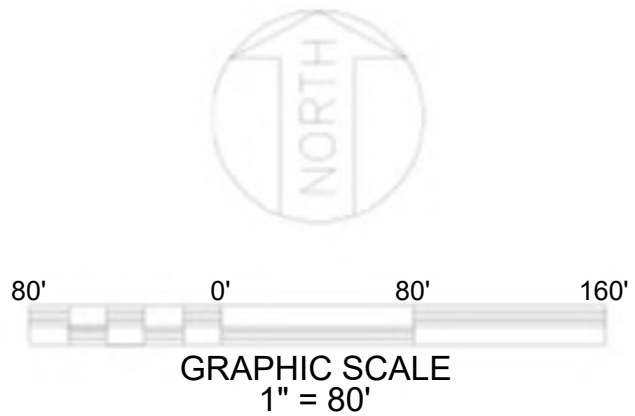
HOLD INFORMATION		NO.		DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTORS/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		RELEASE INFORMATION		DATE	
0A		ISSUED FOR 30%		2/14/2025	
0B		ISSUED FOR PERMIT		3/31/2025	
0C		ISSUED FOR PERMIT		5/16/2025	
ISSUE PURPOSE:		ISSUED FOR PERMIT		SPECIFICATION: -	
PROJECT NO.: 15474.001		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 CALIFORNIA.		ISSUED FOR PRELIMINARY PURPOSES	
JOSHUA BICKETT P.E. LICENSE #95625		CAD FILE NAME: PSR-CS-004 S008.DWG		PREPARED BY: CAF/JN	
REVIEWED BY: JTP		APPROVED BY: --		ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.	
SARGENT & LUNDY		CHICAGO, ILLINOIS 60603-5780		PROJECT	
PRAIRIE SONG RELIABILITY PROJECT		DRAWING TITLE		GEN-TIE	
GRADING AND DRAINAGE PLAN		DRAWING NUMBER		PSR-CS-004 S008	
REVISION		SHEET 1 OF 1		0C	



MATCHLINE
DWG. PSR-CS-004 S010

PERMIT ONLY
NOT FOR CONSTRUCTION

VICINITY MAP



NOTES


- GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
- FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
- ESTIMATED QUANTITIES
CUT: 47,045 CY
FILL: 151,415 CY
12" TOPSOIL STRIP: 102,875 SY
NET: 104,370 CY FILL

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES		
JOSHUA BICKETT		
P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S009.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div></div> <div>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
BESS GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S009		0C
SHEET	1 OF 1	

\$FILE\$BREV\$
A
\$TIMES\$
\$DATES\$

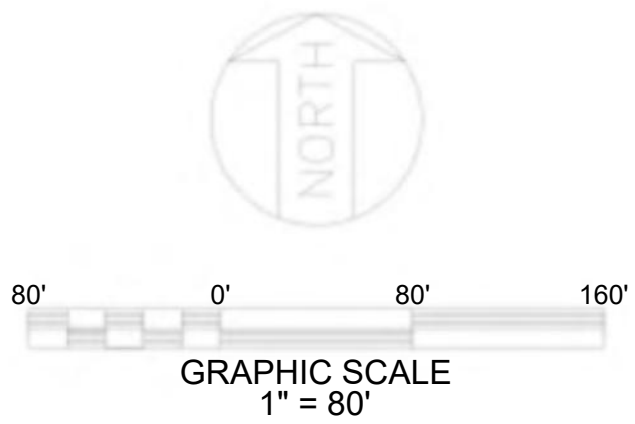
E
D
C
B
A

MATCHLINE PSR-CS-004 S009



PERMIT ONLY
NOT FOR CONSTRUCTION

VICINITY MAP



NOTES


- GEOTECHNICAL ENGINEERING REPORT PREPARED BY: TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
- FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
- ESTIMATED QUANTITIES: * SEE NOTES ON DRAWING PSR-CS-004 S009

REFERENCE DRAWINGS

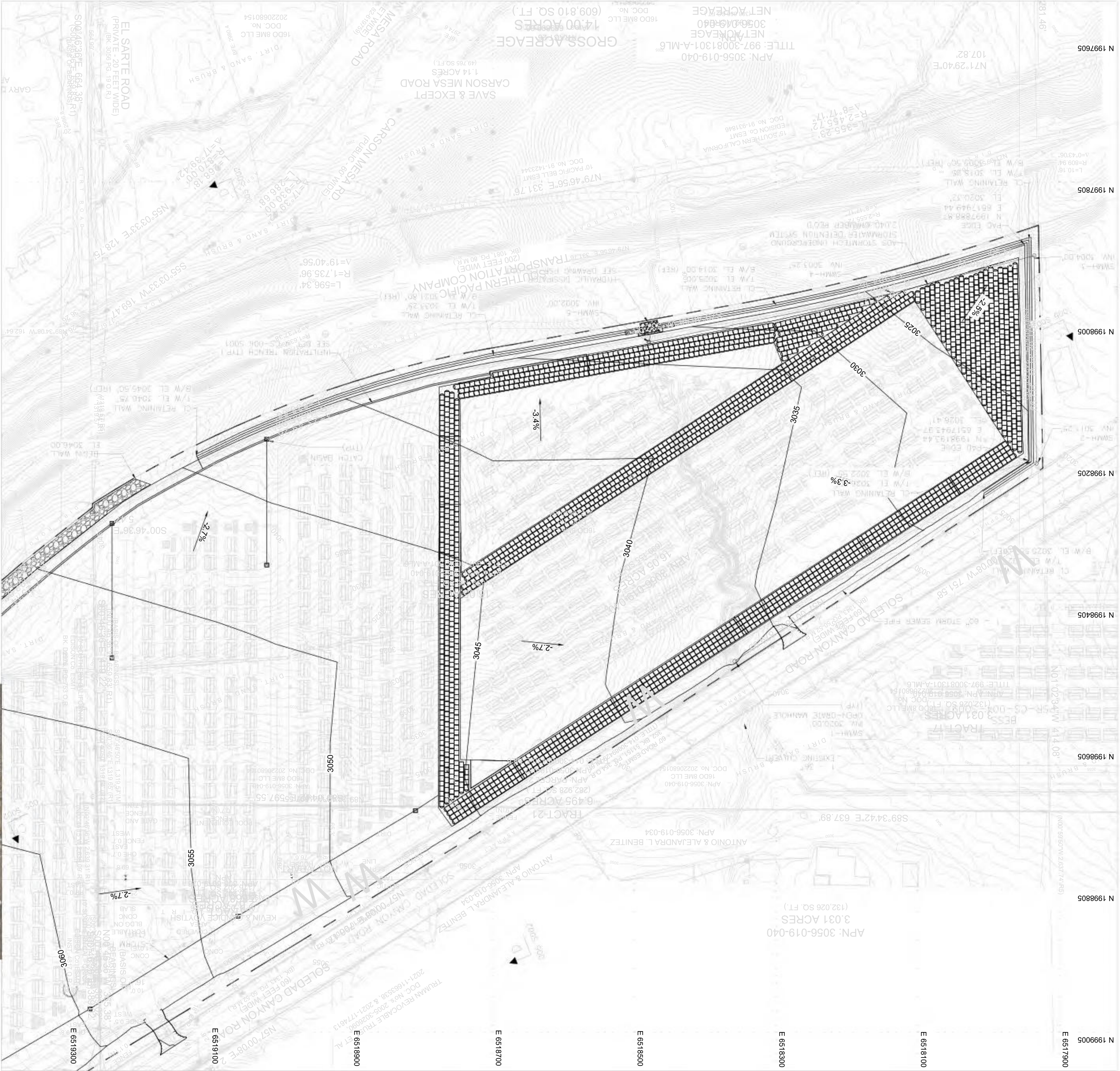
UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S010.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
BESS GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S010		0C
SHEET	1	OF 1

\$FILE\$
\$ABBREV\$
\$TIMES\$
\$DATES\$



NOTES

1. GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. L245085, DATED 05-14-2025.

2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.

3. ESTIMATED QUANTITIES
CUT: 126,610 CY
FILL: 468,730 CY
12" TOPSOIL STRIP: 212,140 SY
NET: 342,120 CY FILL

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

EXCAVATION/FOUNDATION/DEMOLITION WORK

PRRAIRIE SONG RELIABILITY PROJECT

DRAWING TITLE

BESS

GRADING AND DRAINAGE PLAN

DRAWING NUMBER

PSR-CS-004 S011

1 OF 1

SHEET

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

396

397

398

399

400

401

402

403

404

405

406

407

408

409

410

411

412

413

414

415

416

417

418

419

420

421

422

423

424

425

426

427

428

429

430

431

432

433

434

435

436

437

438

439

440

441

442

443

444

445

446

447

448

449

450

451

452

453

454

455

456

457

458

459

460

461

462

463

464

465

466

467

468

469

470

471

472

473

474

475

476

477

478

479

480

481

482

483

484

485

486

487

488

489

490

491

492

493

494

495

496

497

498

499

500

501

502

503

504

505

506

507

508

509

510

511

512

513

514

515

516

517

518

519

520

521

522

523

524

525

526

527

528

529

530

531

532

533

534

535

536

537

538

539

540

541

542

543

544

545

546

547

548

549

550

551

552

553

554

555

556

557

558

559

560

561

562

563

564

565

566

567

568

569

570

571

572

573

574

575

576

577

578

579

580

581

582

583

584

585

586

587

588

589

590

591

592

593

594

595

596

597

598

599

600

601

602

603

604

605

606

607

608

609

610

611

612

613

614

615

616

617

618

619

620

621

622

623

624

625

626

627

628

629

630

631

632

633

634

635

636

637

638

639

640

641

642

643

644

645

646

647

648

649

650

651

652

653

654

655

656

657

658

659

660

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

677

678

679

680

681

682

683

684

685

686

687

688

689

690

691

692

693

694

695

696

697

698

699

700

701

702

703

704

705

706

707

708

709

710

711

712

713

714

715

716

717

718

719

720

721

722

723

724

725

726

727

728

729

730

731

732

733

734

735

736

737

738

739

740

741

742

743

744

745

746

747

748

749

750

751

752

753

754

755

756

757

758

759

760

761

762

763

764

765

766

767

768

769

770

771

772

773

774

775

776

777

778

779

780

781

782

783

784

785

786

787

788

789

790

791

792

793

794

795

796

797

798

799

800

801

802

803

804

805

806

807

808

809

810

811

812

813

814

815

816

817

818

819

820

821

822

823

824

825

826

827

828

829

830

831

832

833

834

835

836

837

838

839

840

841

842

843

844

845

846

847

848

849

850

851

852

853

854

855

856

857

858

859

860

861

862

863

864

865

866

867

868

869

870

871

872

873

874

875

876

877

878

879

880

881

882

883

884

885

886

887

888

889

890

891

892

893

894

895

896

897

898

899

900

901

902

903

904

905

906

907

908

909

910

911

912

913

914

915

916

917

918

919

920

921

922

923

924

925

926

927

928

929

930

931

932

933

934

935

936

937

938

939

940

941

942

943

944

945

946

947

948

949

950

951

952

953

954

955

956

957

958

959

960

961

962

963

964

965

966

967

968

969

970

971

972

973

974

975

976

977

978

979

980

981

982

983

984

985

986

987

988

989

990

991

992

993

994

995

996

997

998

999

1000

1001

1002

1003

1004

1005

1006

1007

1008

1009

1010

1011

1012

1013

1014

1015

1016

1017

1018

1019

1020

1021

1022

1023

1024

1025

1026

1027

1028

1029

1030

1031

1032

1033

1034

1035

1036

1037

1038

1039

1040

1041

1042

1043

1044

1045

1046

1047

1048

1049

1050

1051

1052

1053

1054

1055

1056

1057

1058

1059

1060

1061

1062

1063

1064

1065

1066

1067

1068

1069

1070

1071

1072

1073

1074

1075

1076

1077

1078

1079

1080

1081

1082

1083

1084

1085

1086

1087

1088

1089

1090

1091

1092

1093

1094

1095

1096

1097

1098

1099

1100

1101

1102

1103

1104

1105

1106

1107

1108

1109

1110

1111

1112

1113

1114

1115

1116

1117

1118

1119

1120

1121

1122

1123

1124

1125

1126

1127

1128

1129

1130

1131

1132

1133

1134

1135

1136

1137

1138

1139

1140

1141

1142

1143

1144

1145

1146

1147

1148

1149

1150

1151

1152

1153

1154

1155

1156

1157

1158

1159

1160

1161

1162

1163

1164

1165

1166

1167

1168

1169

1170

1171

1172

1173

1174

1175

1176

1177

1178

1179

1180

1181

1182

1183

1184

1185

1186

1187

1188

1189

1190

1191

1192

1193

1194

1195

1196

1197

1198

1199

1200

1201

1202

1203

1204

1205

1206

1207

1208

1209

1210

1211

1212

1213

1214

1215

1216

1217

1218

1219

1220

1221

1222

1223

1224

1225

1226

1227

1228

1229

1230

1231

1232

1233

1234

1235

1236

1237

1238

1239

1240

1241

1242

1243

1244

1245

1246

1247

1248

1249

1250

1251

1252

1253

1254

1255

1256

1257

1258

1259

1260

1261

1262

1263

1264

1265

1266

1267

1268

1269

1270

1271

1272

1273

1274

1275

1276

1277

1278

1279

1280

1281

1282

1283

1284

1285

1286

1287

1288

1289

1290

1291

1292

1293

1294

1295

1296

1297

1298

1299

1300

1301

1302

1303

1304

1305

1306

1307

1308

1309

1310

1311

1312

1313

1314

1315

1316

1317

1318

1319

1320

1321

1322

1323

1324

1325

1326

1327

1328

1329

1330

1331

1332

1333

1334

1335

1336

1337

1338

1339

1340

1341

1342

1343

1344

1345

1346

1347

1348

1349

1350

1351

1352

1353

1354

1355

1356

1357

1358

1359

1360

1361

1362

1363

1364

1365

1366

1367

1368

1369

1370

1371

1372

1373

1374

1375

1376

1377

1378

1379

1380

1381

1382

1383

1384

1385

1386

1387

1388

1389

1390

1391

1392

1393

1394

1395

1396

1397

1398

1399

1400

1401

1402

1403

1404

1405

1406

1407

1408

1409

1410

1411

1412

1413

1414

1415

1416

1417

1418

1419

1420

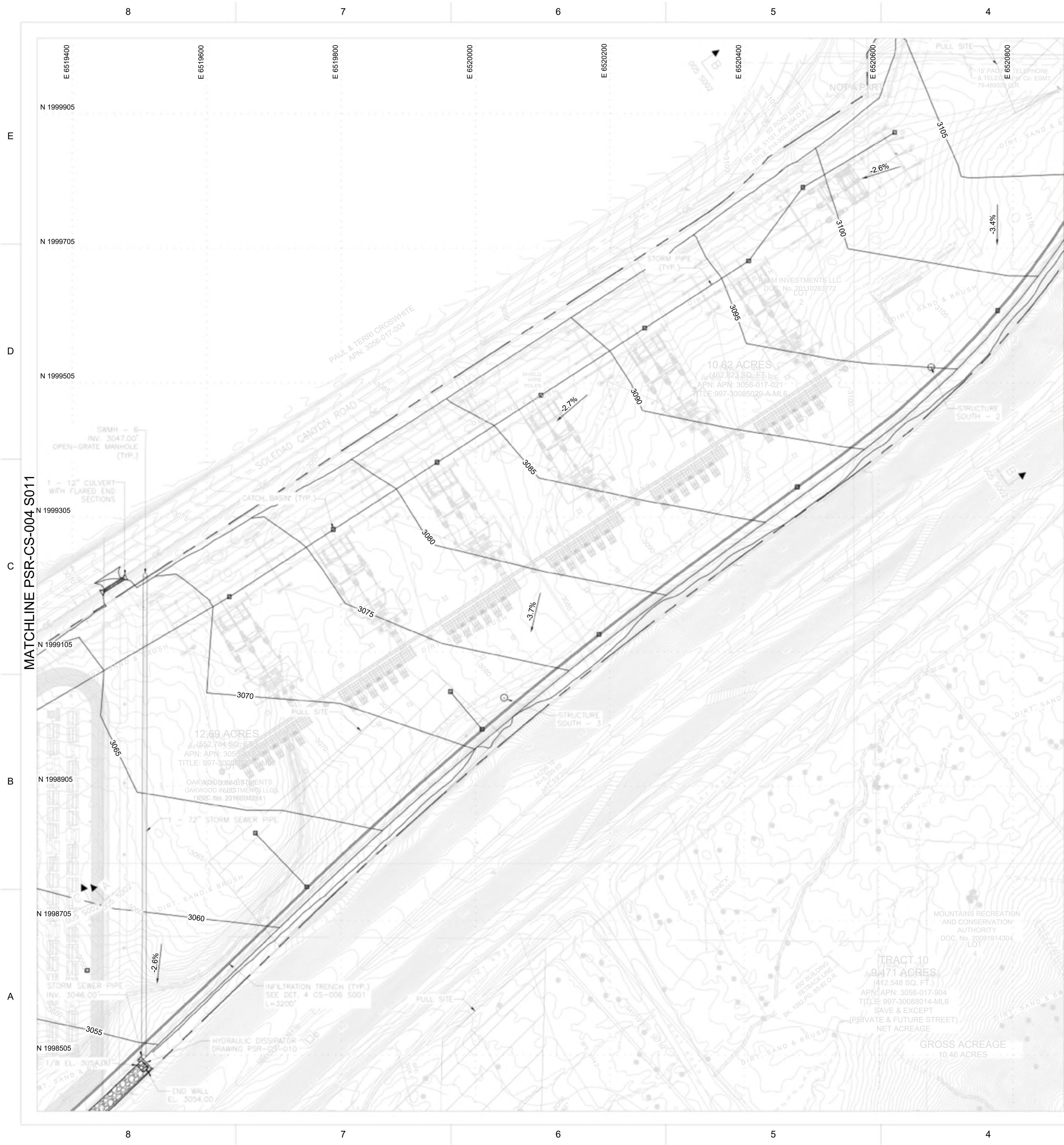
1421

1422

1423

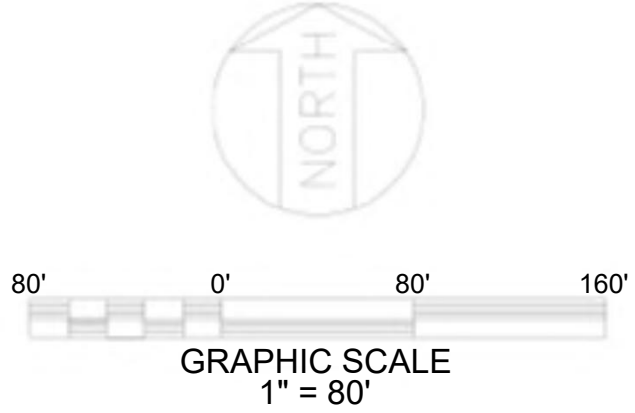
1424

142



PERMIT ONLY
NOT FOR CONSTRUCTION

VICINITY MAP



NOTES


1. GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
3. ESTIMATED QUANTITIES: * SEE NOTES ON DRAWING PSR-CS-004 S011

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

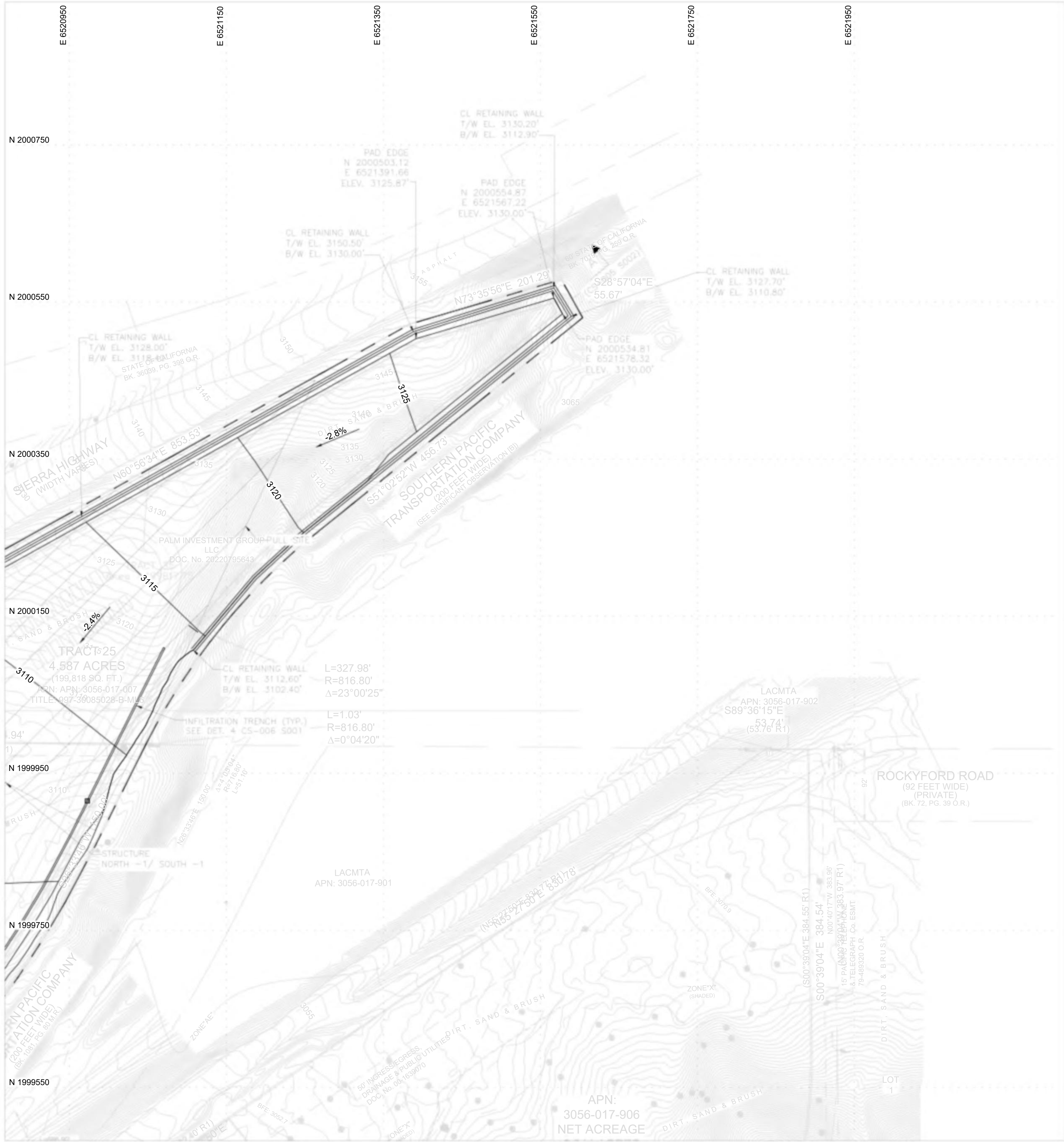
REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES		
JOSHUA BICKETT		
P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S012.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div></div> <div>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
BESS GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S012		0C
SHEET	1	OF 1
1		

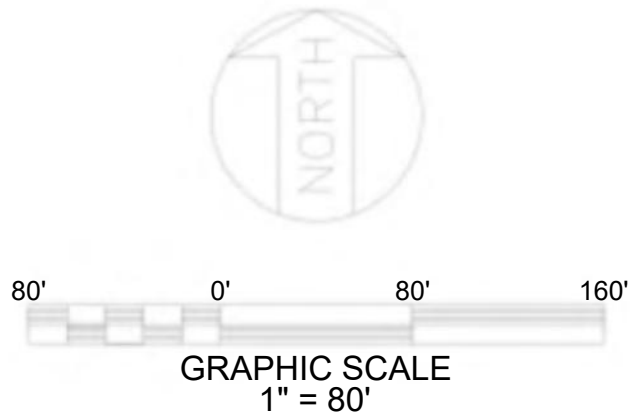
E
D
C
B
A

MATCHLINE PSR-CS-004 S012



PERMIT ONLY
NOT FOR CONSTRUCTION

VICINITY MAP



NOTES


1. GEOTECHNICAL ENGINEERING REPORT PREPARED BY: TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
3. ESTIMATED QUANTITIES: * SEE NOTES ON DRAWING PSR-CS-004 S011

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

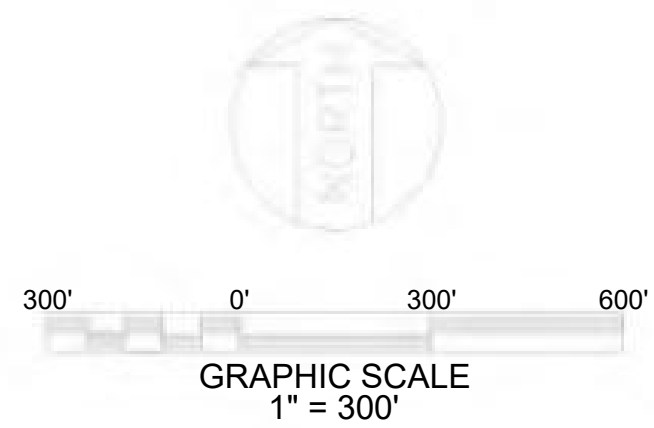
HOLD INFORMATION		
NO.	DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		-
PROJECT NO.:		15474.001
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S013.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
BESS GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S013		0C
SHEET	1 OF 1	

\$FILE\$
\$ABBREV\$
\$TIMES\$
\$DATES\$

\$PINFO1\$
Form GDG-0401-01-09, ANSI (Imperial) MicroStation Border - Size D - 22 x 34
Revision 11A, Revision Date: 04-30-2010



PERMIT ONLY
NOT FOR CONSTRUCTION



LEGEND	
	LAYDOWN AREA
	PULL SITE


REFERENCE DRAWINGS

--	--

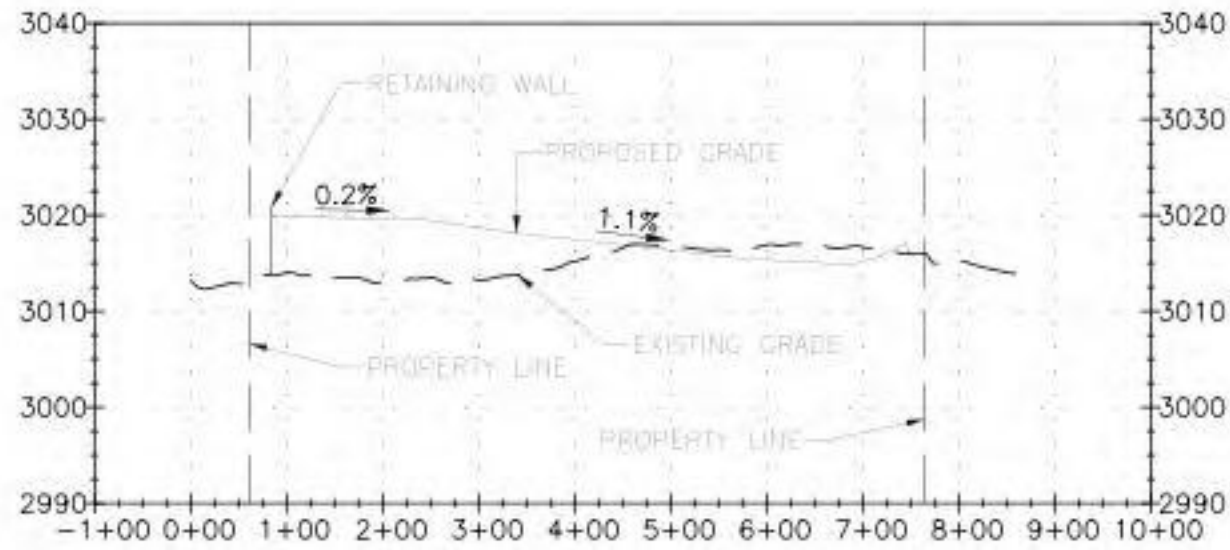
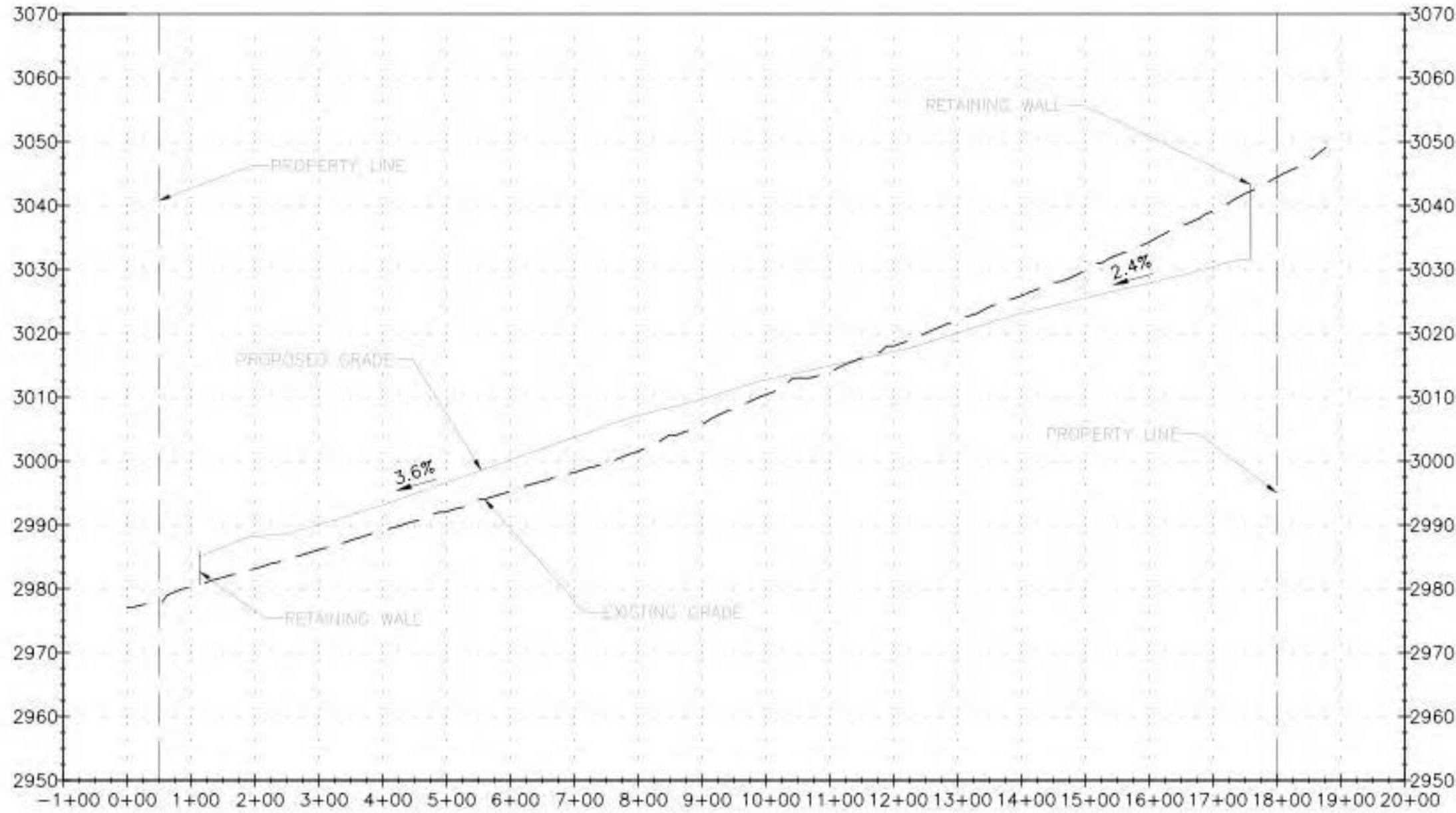
UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		-
PROJECT NO.:		15474.001
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S014.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
		
SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
GEN-TIE PULL SITES AND LAYDOWN AREA OVERVIEW		
DRAWING NUMBER		REVISION
PSR-CS-004 S014		0C
SHEET	1 OF 1	

\$FILE\$ABREV\$
\$TIMES\$
\$DATES\$



PERMIT ONLY
NOT FOR CONSTRUCTION


NOTES
1. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-005 S001.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
GRADING SECTIONS		
DRAWING NUMBER		REVISION
PSR-CS-005 S001		0C
SHEET	1 OF 1	

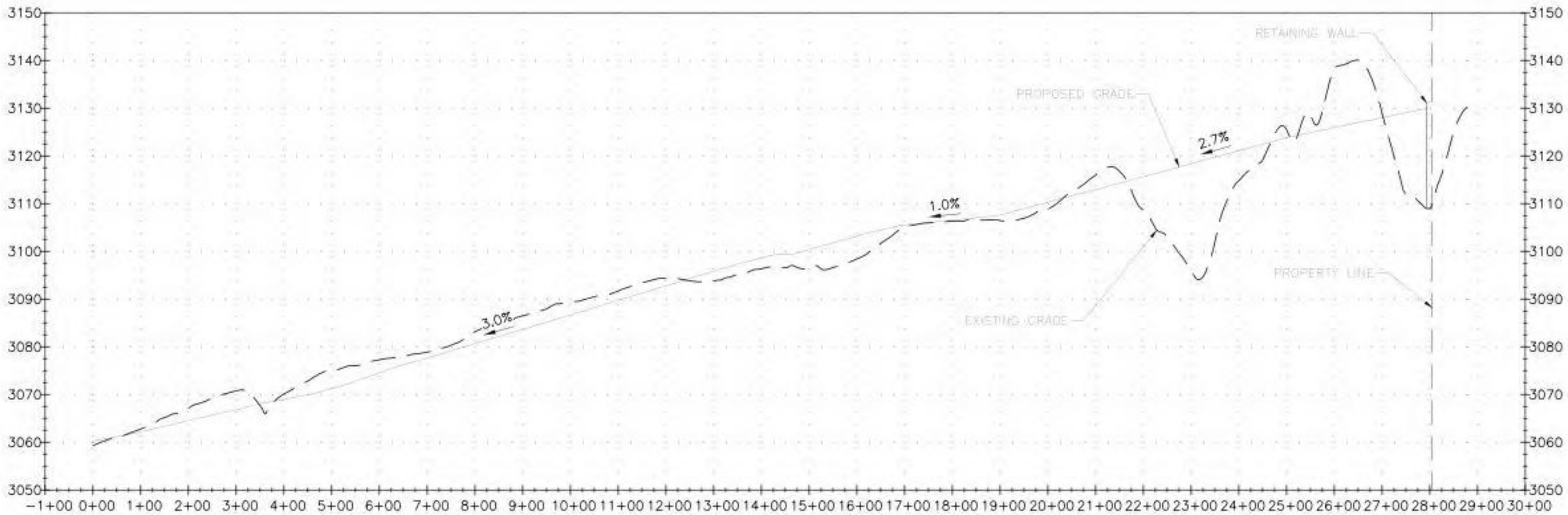
E

D

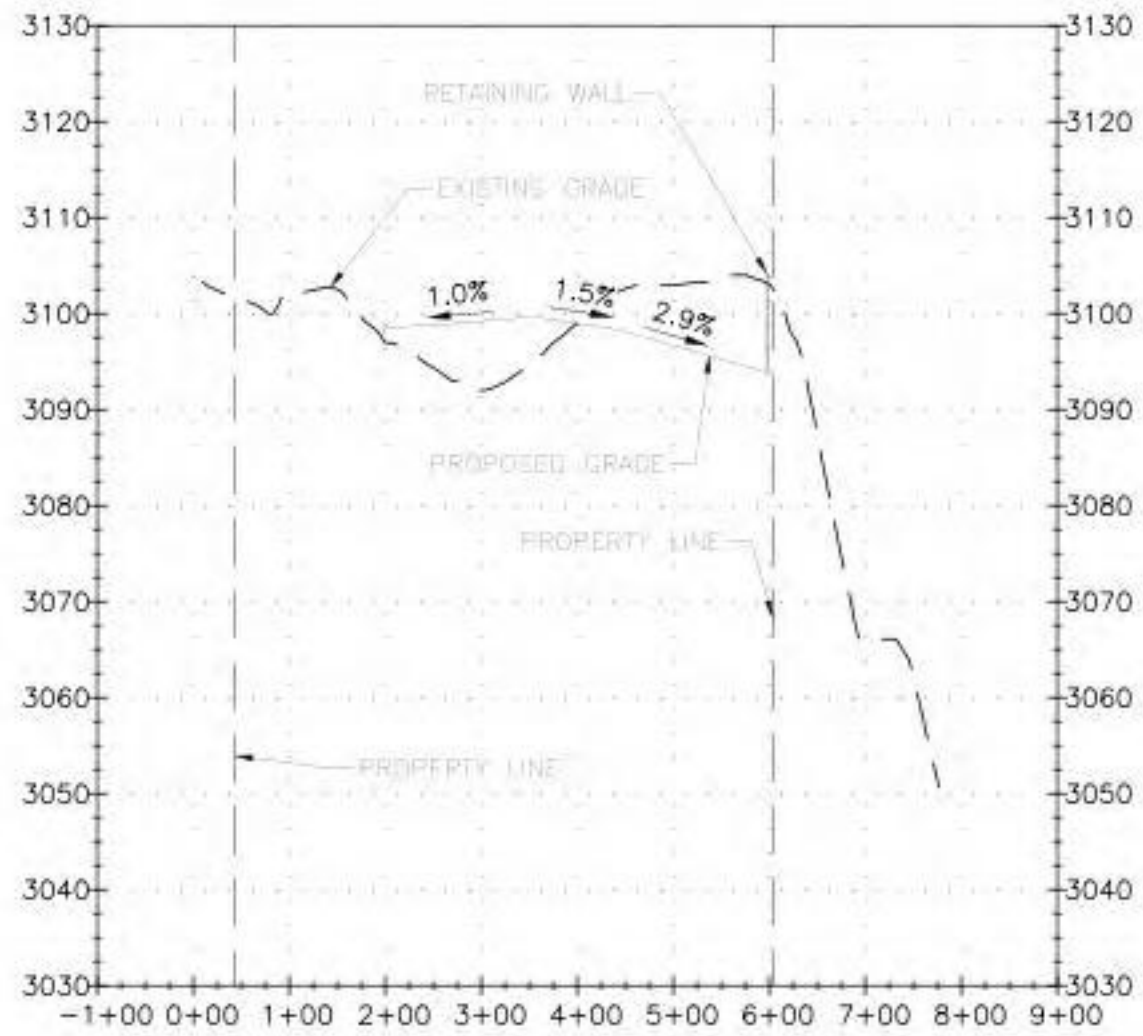
C

B

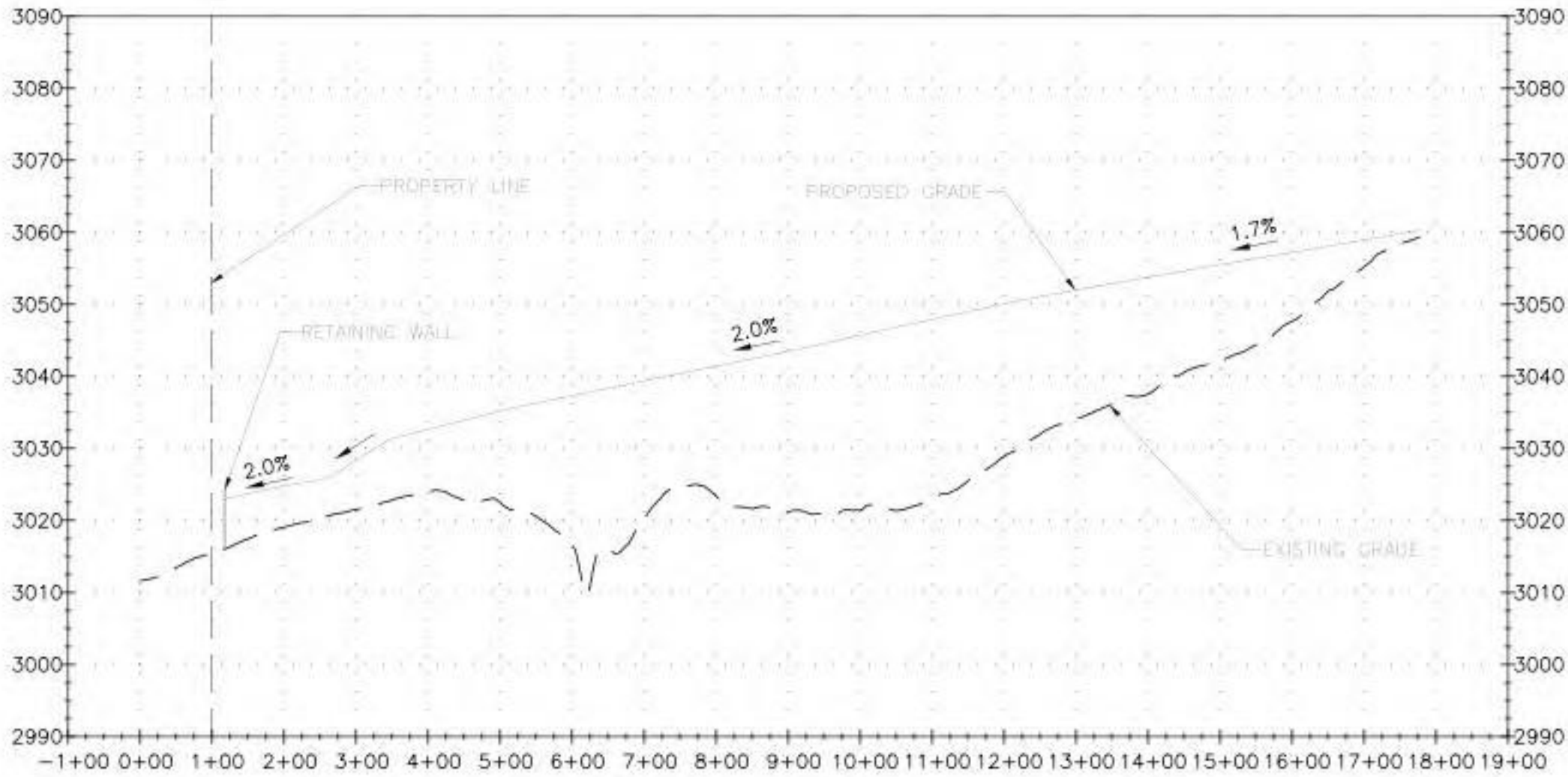
A



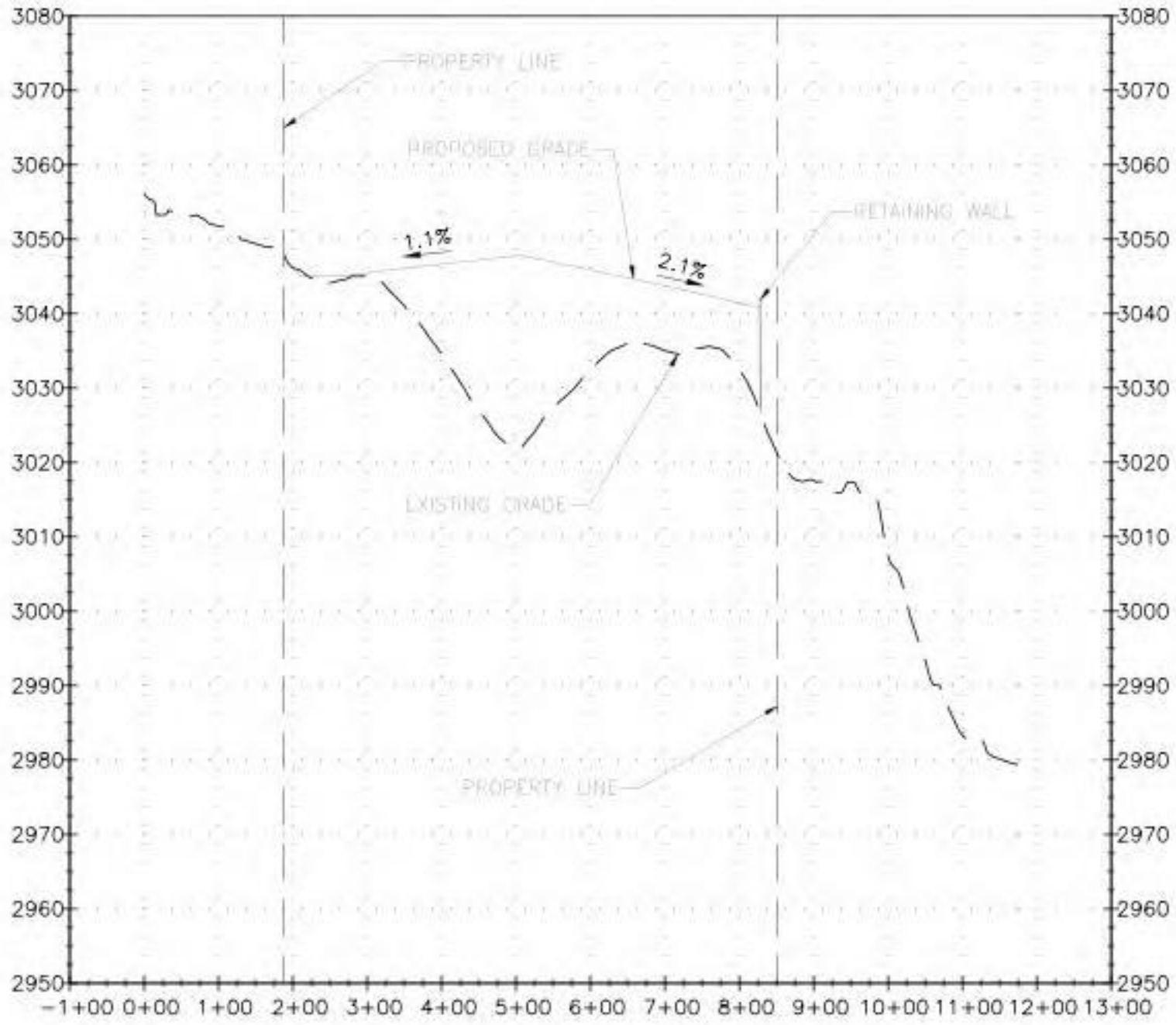
SECTION A EAST
HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'
(SEE DRAWING PSR-CS-004 S012)



SECTION B EAST
HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'
(SEE DRAWING PSR-CS-004 S012)



SECTION C EAST
HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'
(SEE DRAWINGS PSR-CS-004 S011
& PSR-CS-004 S012)



SECTION D EAST
HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'
(SEE DRAWING PSR-CS-004 S011)

PERMIT ONLY
NOT FOR CONSTRUCTION

NOTES

- FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT

ISSUE PURPOSE: ISSUED FOR PERMIT

SPECIFICATION: -

PROJECT NO.: 15474.001

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 CALIFORNIA.

ISSUED FOR PRELIMINARY PURPOSES
JOSHUA BICKETT
P.E. LICENSE #95825

CAD FILE NAME: PSR-CS-005 S002.DWG

PREPARED BY: CAF/JN

REVIEWED BY: JTP

APPROVED BY: --

ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.

Sargent & Lundy

SARGENT & LUNDY
55 EAST MONROE STREET
CHICAGO, ILLINOIS 60603-5780

PROJECT

PRAIRIE SONG RELIABILITY PROJECT

DRAWING TITLE

GRADING SECTIONS

DRAWING NUMBER

PSR-CS-005 S002

SHEET

1

OF

1

REVISION

0C

8

7

6

5

4

3

2

1

8

7

6

5

4

3

2

1

\$FILE\$ABREV\$

\$TIMES\$

\$DATES\$

ASPHALT PAVEMENT SECTION
DETAIL 1
SCALE: N.T.S.

AGGREGATE SURFACING
DETAIL 2
SCALE: N.T.S.

SEEDED DITCH
DETAIL 3
SCALE: N.T.S.

INFILTRATION TRENCH
DETAIL 4
SCALE: N.T.S.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT

ISSUE PURPOSE:	ISSUED FOR PERMIT
----------------	-------------------

SPECIFICATION: -

PROJECT NO.:	15474.001
--------------	-----------

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 CALIFORNIA.

ISSUED FOR PRELIMINARY PURPOSES
JOSHUA BICKETT
P.E. LICENSE #95825

CAD FILE NAME: PSR-CS-006 S001.DWG

PREPARED BY: CAF/JN

REVIEWED BY: JTP

APPROVED BY: --

ANY MODIFICATION OR ADDITION TO THIS
DRAWING BY AN ORGANIZATION OTHER THAN
SARGENT & LUNDY, IS NOT THE
RESPONSIBILITY OF SARGENT & LUNDY.

Sargent & Lundy

SARGENT & LUNDY
55 EAST MONROE STREET
CHICAGO, ILLINOIS 60603-5780

NOTES

1. ALL MATERIAL FOR PAVEMENTS AND SURFACING SHALL BE FURNISHED AND INSTALLED PER THE CALTRANS STANDARD SPECIFICATIONS MANUAL.
2. GEOTEXTILE SHALL BE 8 OZ/SY NON-WOVEN FABRIC, US FABRICS, INC. OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

PRAIRIE SONG RELIABILITY PROJECT

GRADING AND DRAINAGE DETAILS

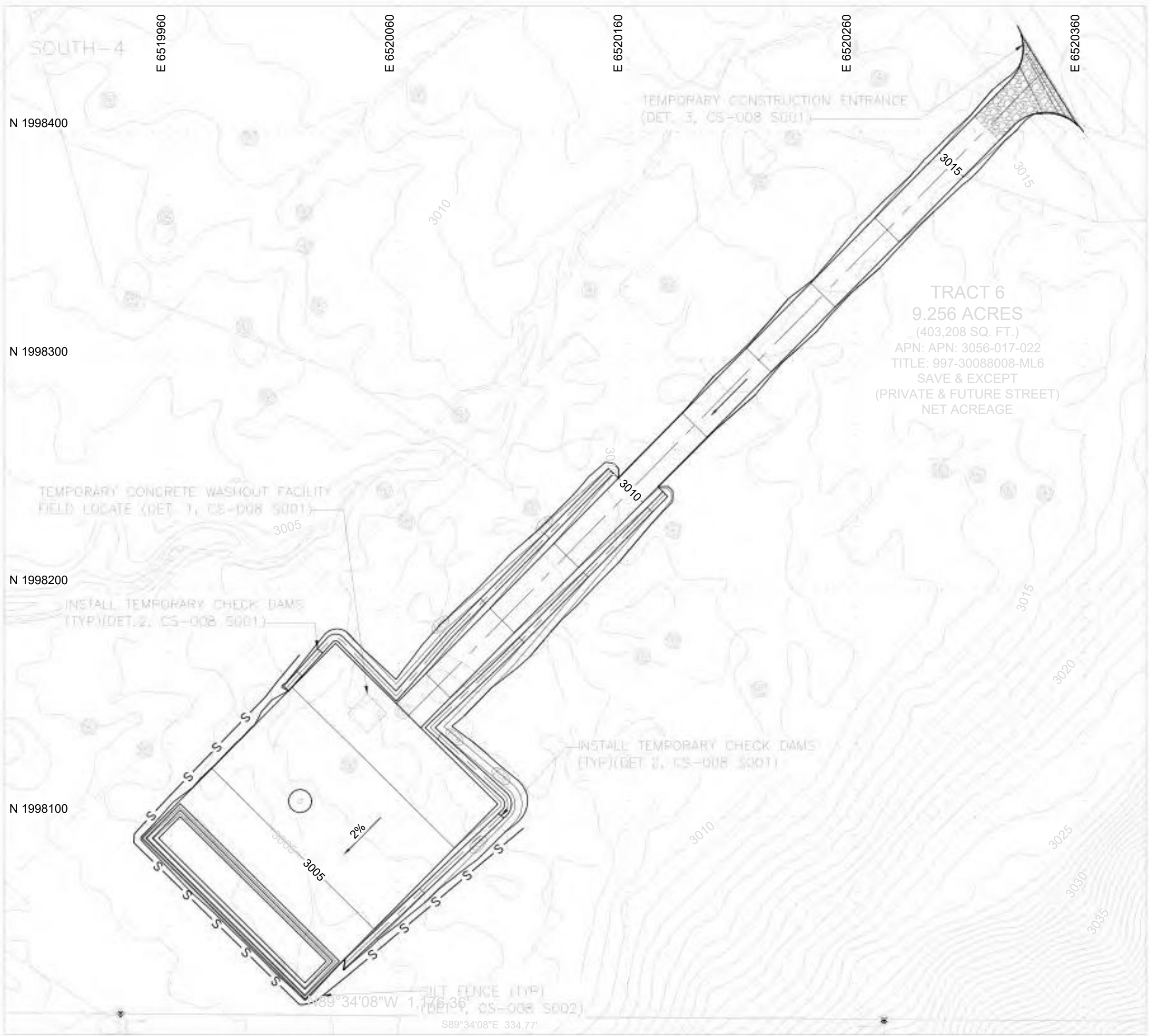
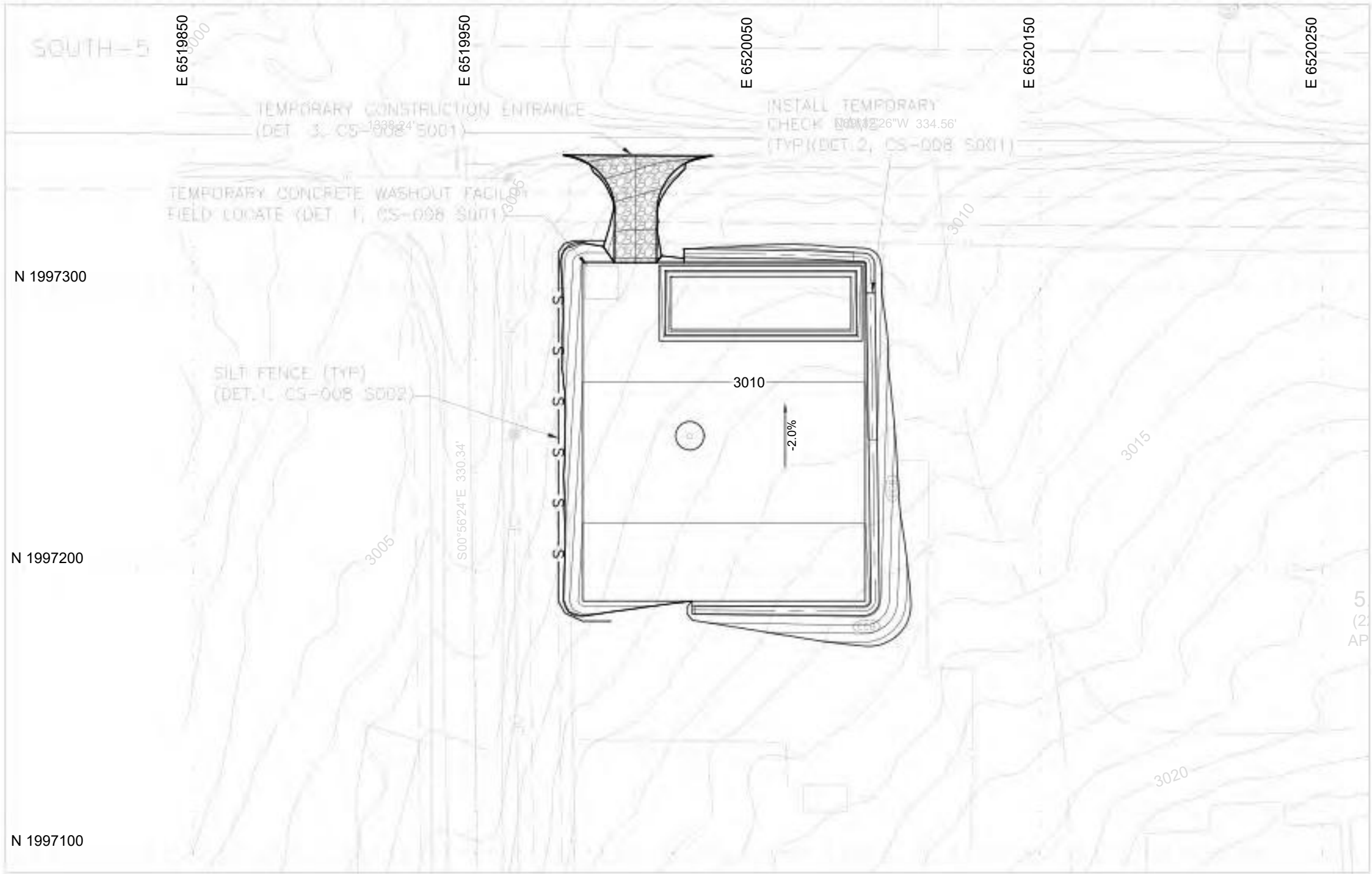
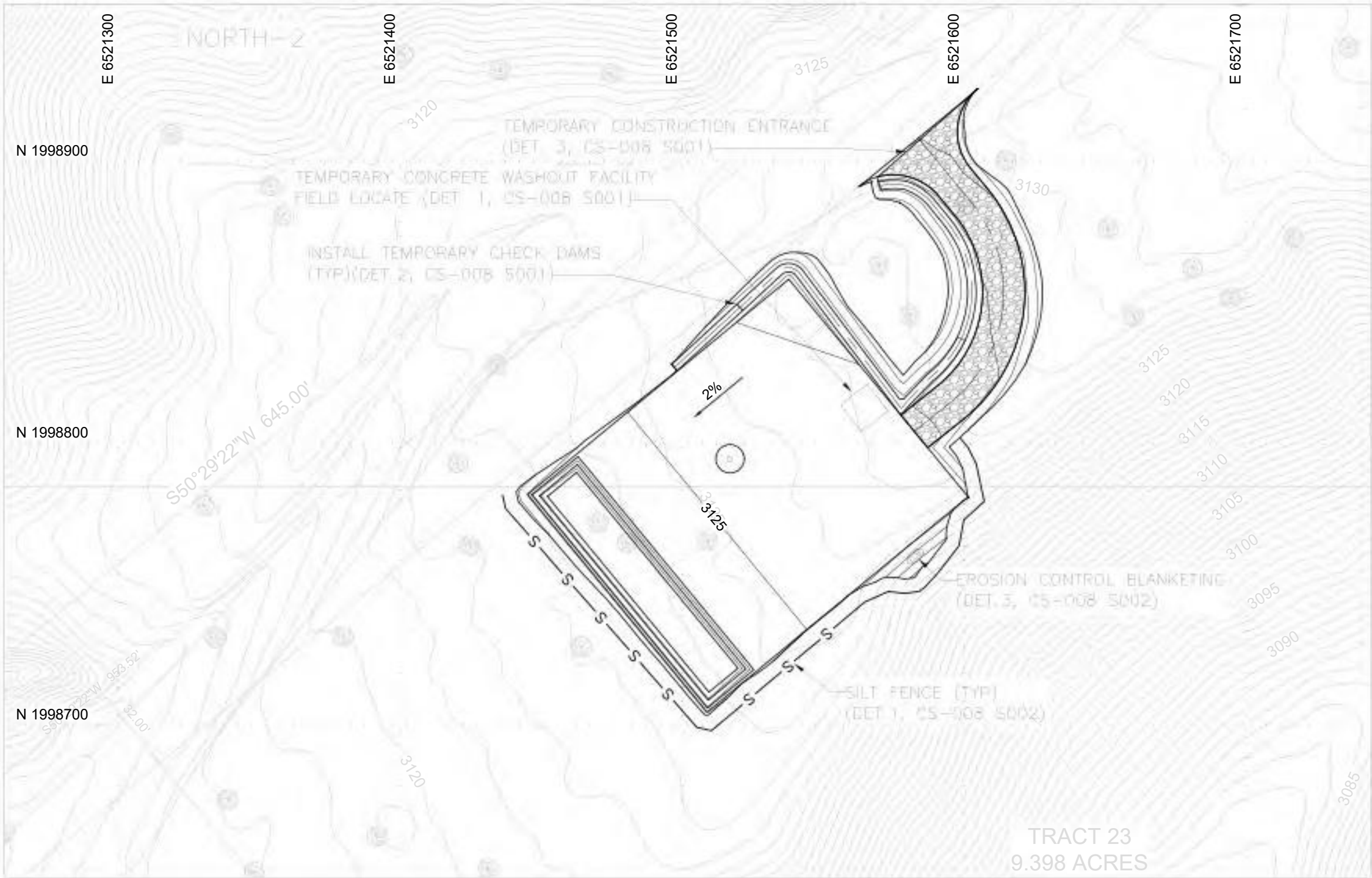
DRAWING NUMBER		REVISION
PSR-CS-006 S001		0C
SHEET 1	OF 1	

\$PINFO1\$
Form GDG-0401-01-09, ANSI (Imperial) MicroStation Border - Size D - 22 x 34
Revision 11A, Revision Date: 04-30-2010

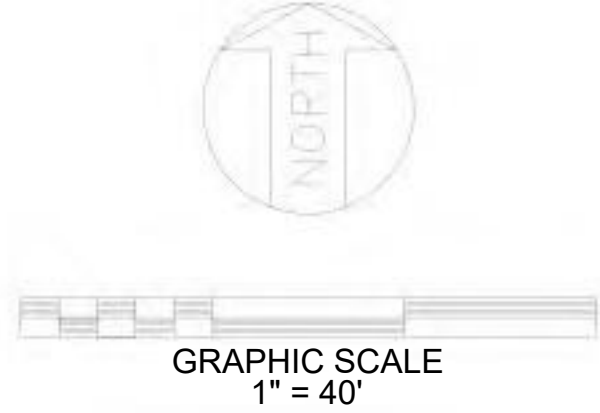
\$FILEABBREV\$

\$TIMES\$


\$DATES\$

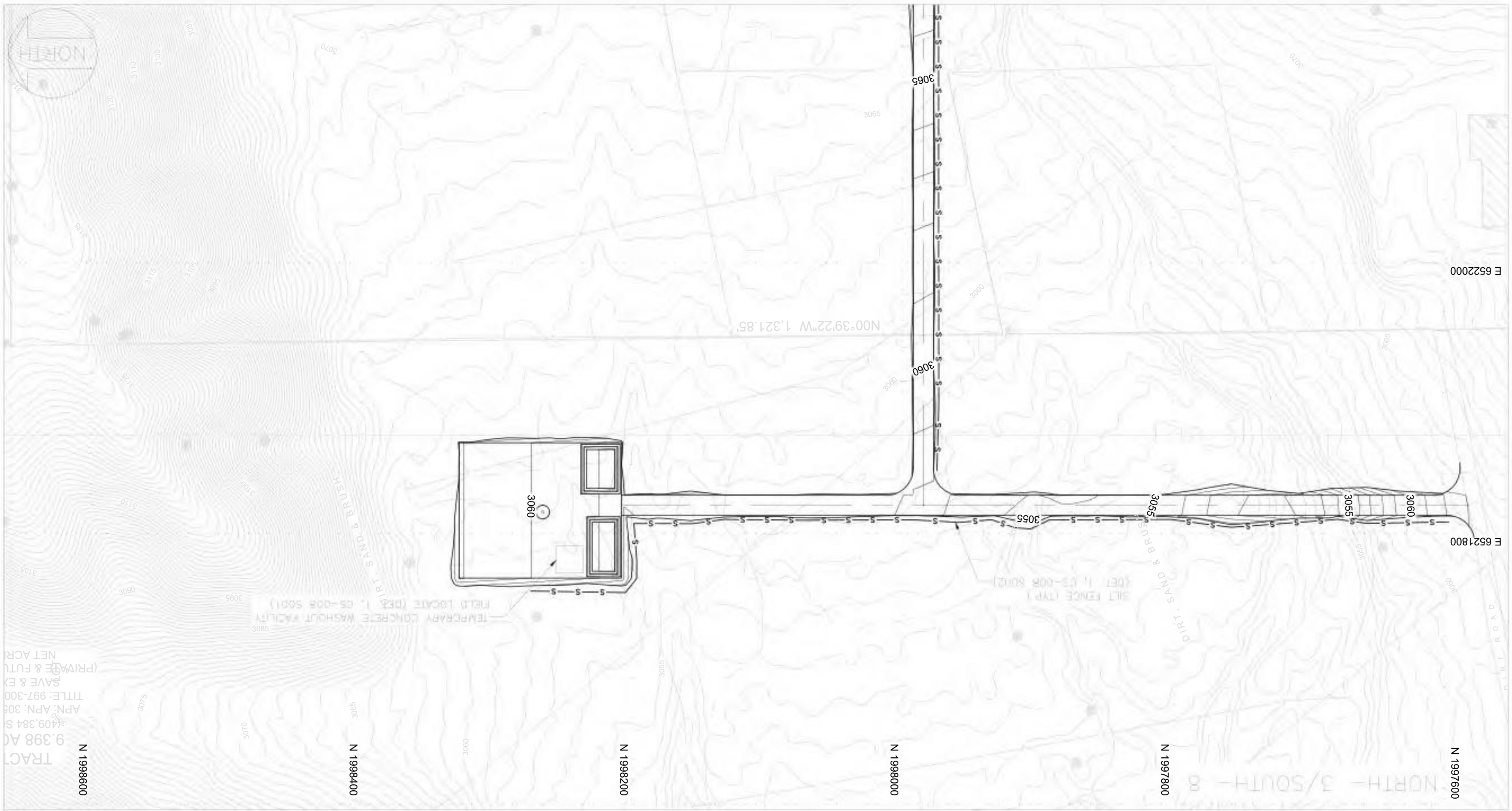
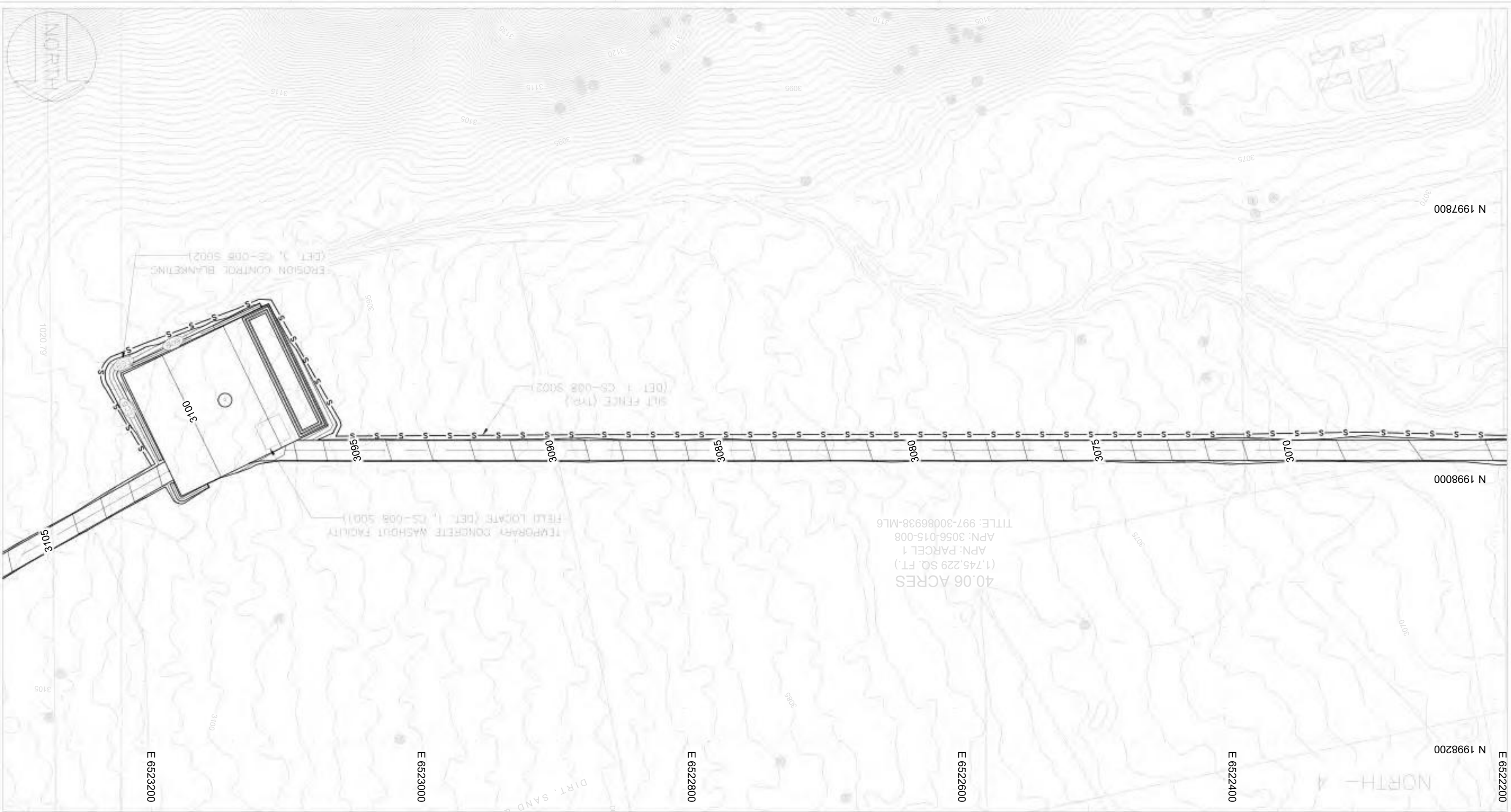


PERMIT ONLY
NOT FOR CONSTRUCTION



NOTES	
1.	GEOTECHNICAL ENGINEERING REPORT PREPARED BY: TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
2.	FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
REFERENCE DRAWINGS	
UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.	
REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.	
THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.	

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-007 S001.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div></div> <div>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
EROSION AND SEDIMENT CONTROL PLAN		
DRAWING NUMBER		REVISION
PSR-CS-007 S001		0C
SHEET	1 OF 1	



1. GEOTECHNICAL ENGINEERING REPORT PREPARED BY: TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.	
2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.	
UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED. REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK. THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.	

NOTES	
GRAPHIC SCALE 1" = 60'	
PERMIT ONLY NOT FOR CONSTRUCTION	

HOLD INFORMATION		NO.	
DESCRIPTION			
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTORS/ INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK. RELEASE INFORMATION			
REV.			
DATE			
ISSUED FOR 30%		0A	
ISSUED FOR PERMIT		0B	
ISSUED FOR PERMIT		0C	
5/16/2025			
3/31/2025			
5/16/2025			
ISSUED FOR PERMIT PURPOSES			
PROJECT NO.: 15474.001			
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 CALIFORNIA.			
ISSUED FOR PRELIMINARY PURPOSES			
JOSHUA BICKETT P.E. LICENSE #956825			
CAD FILE NAME: PSR-CS-007 S002.DWG			
PREPARED BY: CAF/JN			
REVIEWED BY: JTP			
APPROVED BY: --			
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.			
SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780			
PROJECT			
DRAWING TITLE			
DRAWING NUMBER			
REVISION			
PSR-CS-007 S002			
SHEET 1 OF 1			
0C			

\$DATES\$

\$TIMES\$

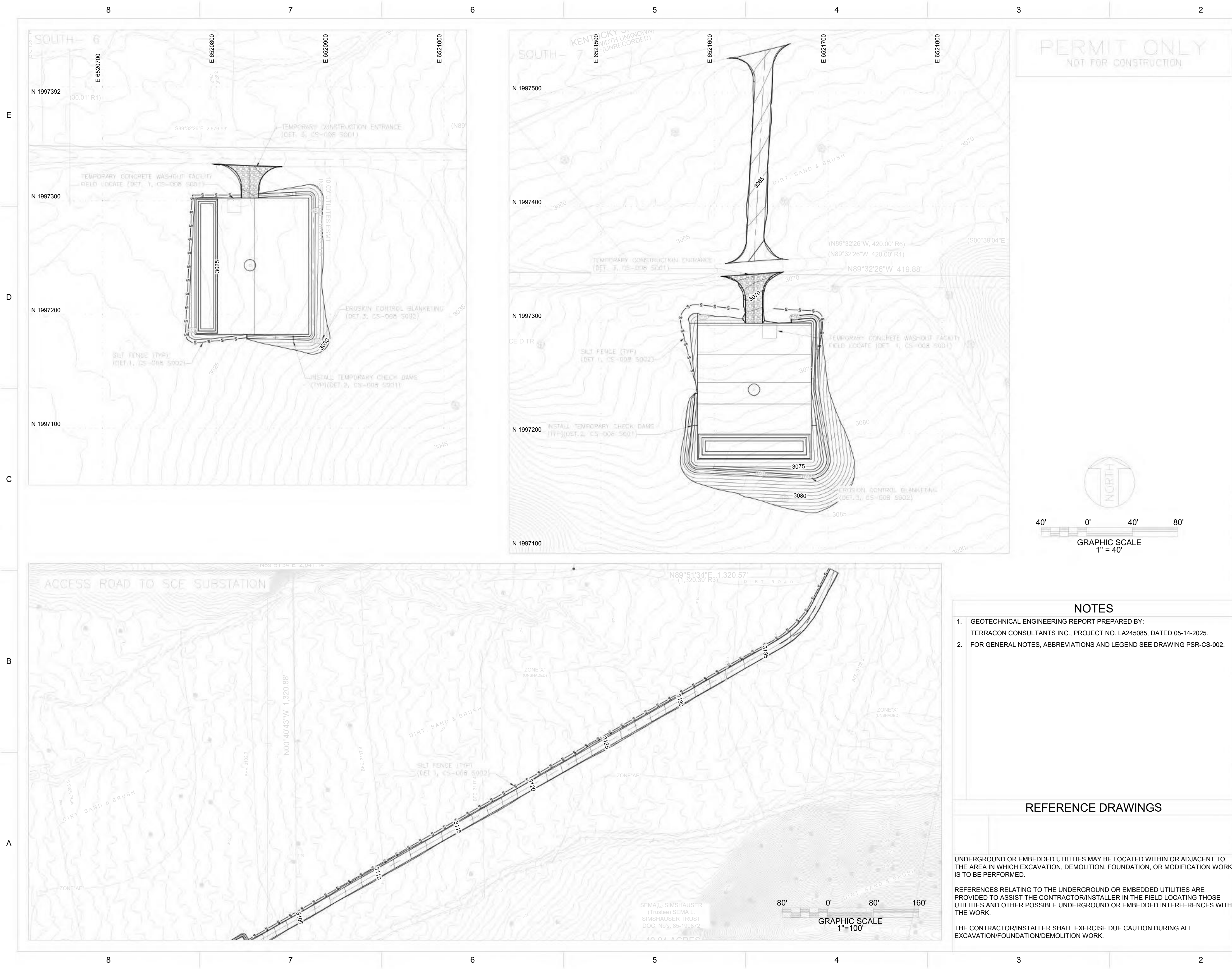
\$FILEABBRVS\$


B

C

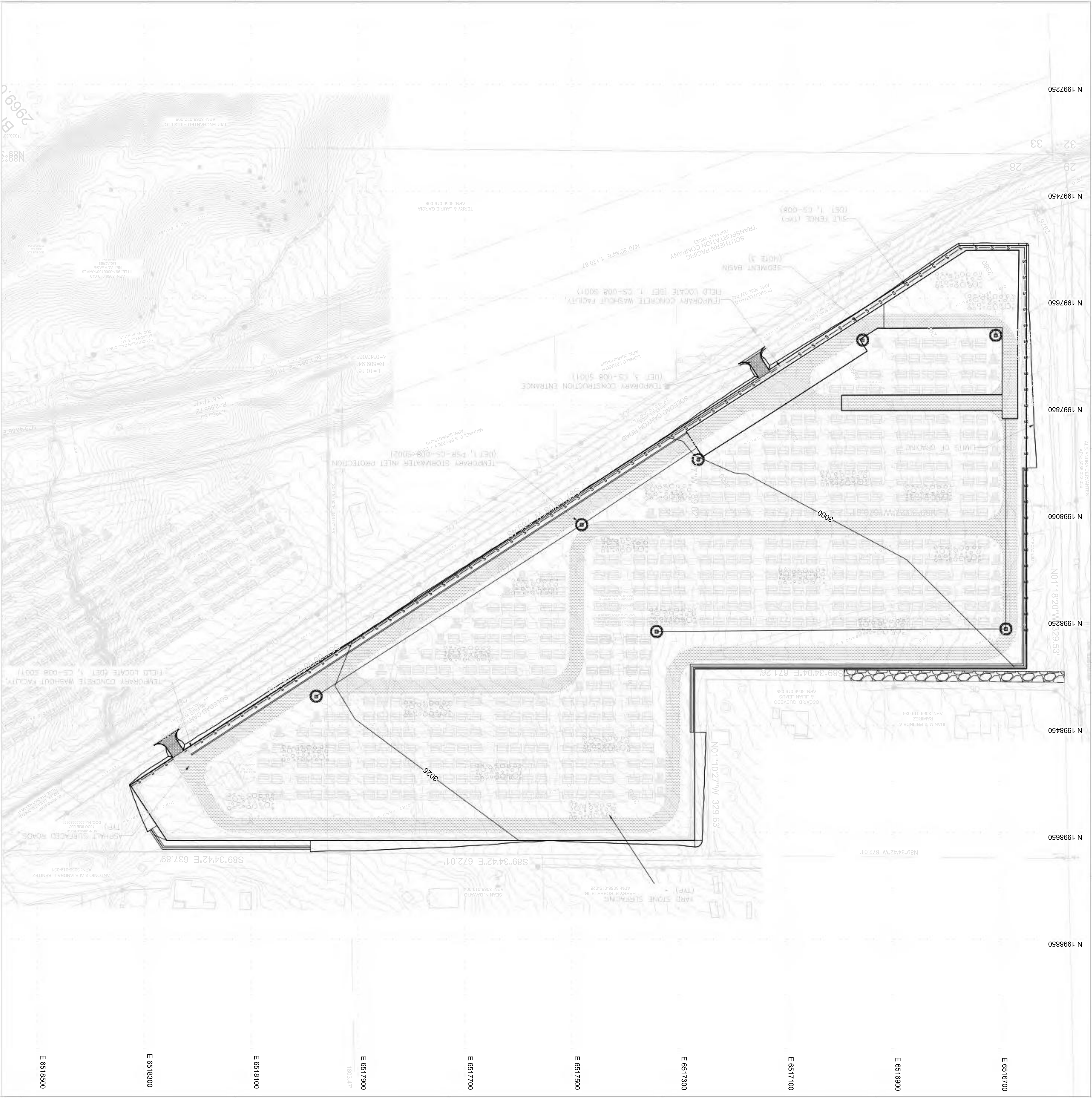
D

E



		1	
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	
0A	2/14/2025	ISSUED FOR 30%	
0B	3/31/2025	ISSUED FOR PERMIT	
0C	5/16/2025	ISSUED FOR PERMIT	
ISSUE PURPOSE:		ISSUED FOR PERMIT	
SPECIFICATION:		-	
PROJECT NO.:		15474.001	
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 CALIFORNIA.			
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825			
CAD FILE NAME: PSR-CS-007 S003.DWG			
PREPARED BY: CAF/JN			
REVIEWED BY: JTP			
APPROVED BY: --			
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.			
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780			
PROJECT			
PRAIRIE SONG RELIABILITY PROJECT			
DRAWING TITLE			
EROSION AND SEDIMENT CONTROL PLAN			
DRAWING NUMBER		REVISION	
PSR-CS-007 S003		0C	
SHEET	1	OF	1

1



HOLD INFORMATION		NO.		DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTORS/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.					
RELEASE INFORMATION					
REV.		DATE		DESCRIPTION	
0A	2/14/2025	ISSUED FOR 30%			
0B	3/31/2025	ISSUED FOR PERMIT			
0C	5/16/2025	ISSUED FOR PERMIT			
ISSUE PURPOSE:		ISSUED FOR PERMIT			
SPECIFICATION:		-			
PROJECT NO.:		15474.001			
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 CALIFORNIA.					
ISSUED FOR PRELIMINARY PURPOSES					
JOSHUA BICKETT					
P.E. LICENSE #95825					
CAD FILE NAME: PSR-CS-007 S004.DWG					
PREPARED BY: CAF/JUN					
REVIEWED BY: JTP					
APPROVED BY: --					
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.					
					
SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780					
PROJECT					
PRAIRIE SONG RELIABILITY PROJECT					
DRAWING TITLE					
EROSION AND SEDIMENT CONTROL PLAN					
DRAWING NUMBER		PSR-CS-007 S004			
REVISION		SHEET 1 OF 1			
0C		00			

1. GEOTECHNICAL ENGINEERING REPORT PREPARED BY:

2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.

3. THE TEMPORARY SEDIMENT BASIN WILL BE EXCAVATED AT THE BEGINNING OF THE GRADING WORK, AND USED FOR PLACEMENT OF PERMANENT STORMWATER DRAINAGE SYSTEM CHAMBERS NEAR THE END OF CONSTRUCTION. REFER TO DRAWINGS PSR-CS-004 S011 FOR LAYOUT OF PERMANENT STORMWATER DRAINAGE SYSTEM, AND DRAWING PSR-CS-009 FOR UNDERGROUND STORMWATER DETENTION BASIN DETAILS.

1. TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.

2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.

3. THE TEMPORARY SEDIMENT BASIN WILL BE EXCAVATED AT THE BEGINNING OF THE GRADING WORK, AND USED FOR PLACEMENT OF PERMANENT STORMWATER DRAINAGE SYSTEM CHAMBERS NEAR THE END OF CONSTRUCTION. REFER TO DRAWINGS PSR-CS-004 S011 FOR LAYOUT OF PERMANENT STORMWATER DRAINAGE SYSTEM, AND DRAWING PSR-CS-009 FOR UNDERGROUND STORMWATER DETENTION BASIN DETAILS.

GRAPHIC SCALE

1" = 100'

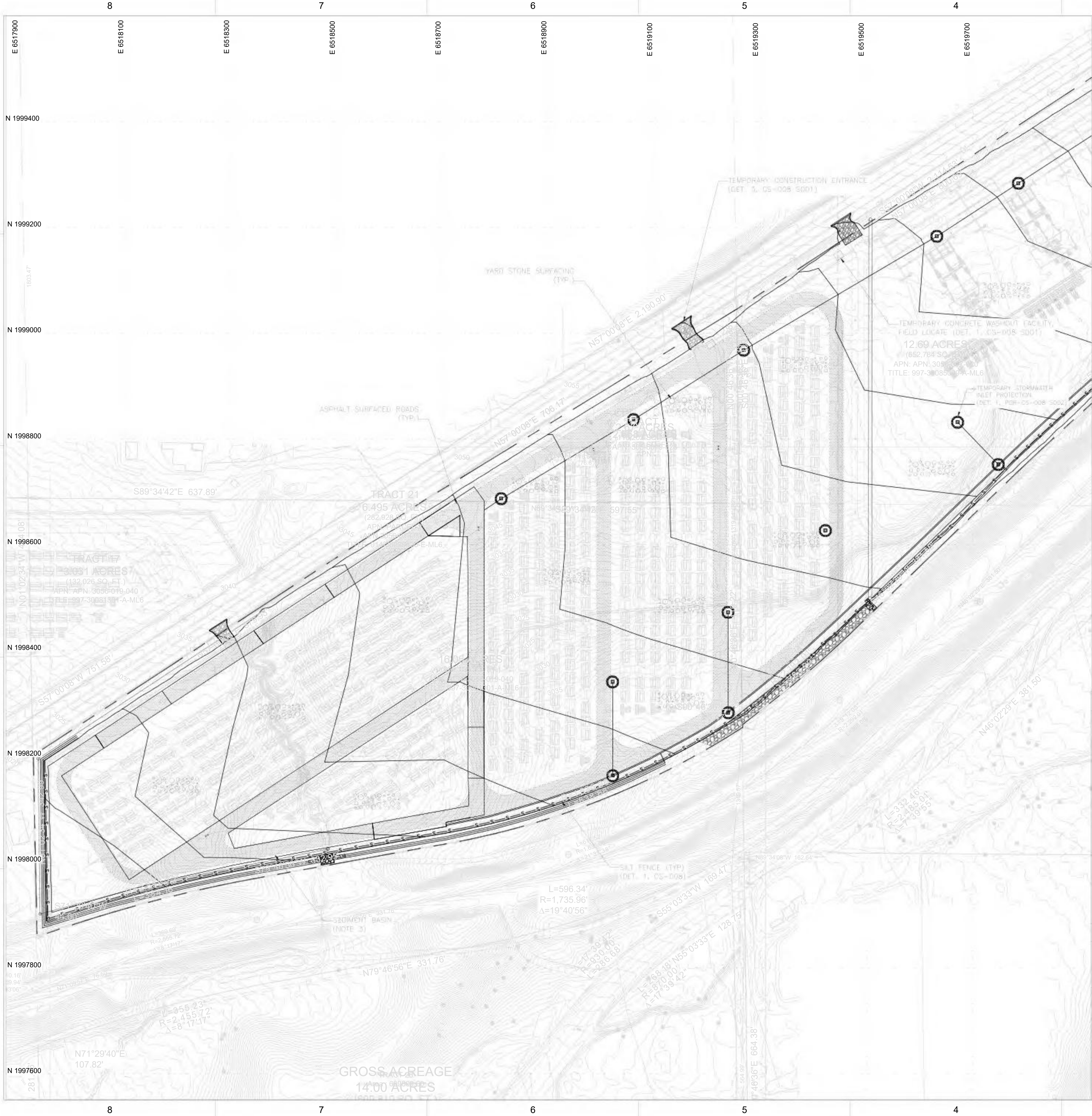
100'

0'

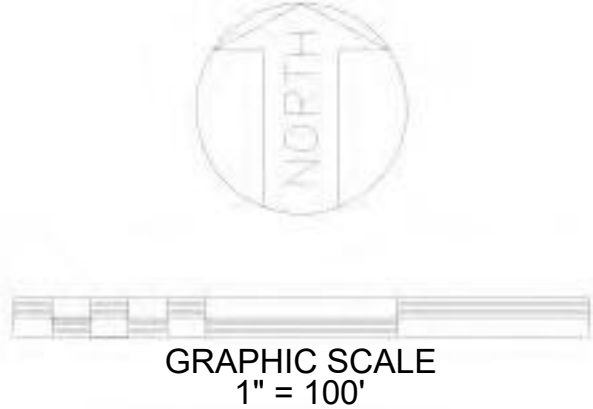
100'

200'

NORTH



MATCHLINE PSR-CS-007 S006



NOTES


- GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
- FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
- THE TEMPORARY SEDIMENT BASIN WILL BE EXCAVATED AT THE BEGINNING OF THE GRADING WORK, AND USED FOR PLACEMENT OF PERMANENT STORMWATER DRAINAGE SYSTEM CHAMBERS NEAR THE END OF CONSTRUCTION. REFER TO DRAWINGS PSR-CS-004 S011 FOR LAYOUT OF PERMANENT STORMWATER DRAINAGE SYSTEM, AND DRAWING PSR-CS-009 FOR UNDERGROUND STORMWATER DETENTION BASIN DETAILS.

REFERENCE DRAWINGS

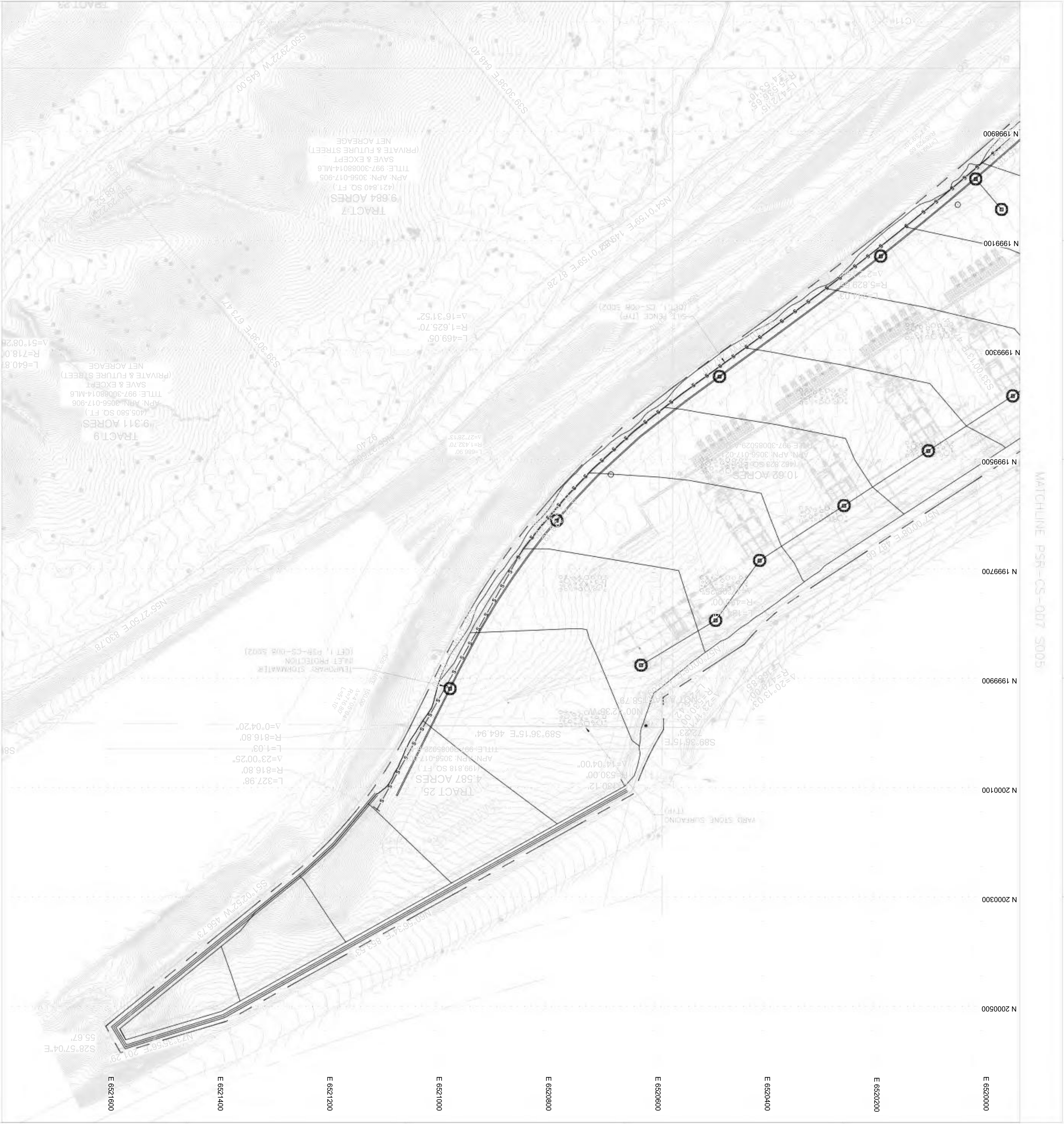
UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-007 S005.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
EROSION AND SEDIMENT CONTROL PLAN		
DRAWING NUMBER		REVISION
PSR-CS-007 S005		0C
SHEET 1	OF 1	

\$FILE\$ABREV\$
A
\$TIMES\$
\$DATES\$




UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.	
REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.	
THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.	

REFERENCE DRAWINGS	

1. GEOTECHNICAL ENGINEERING REPORT PREPARED BY: TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.	2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
---	--

NOTES	

<div></div> <div></div>	
--	--

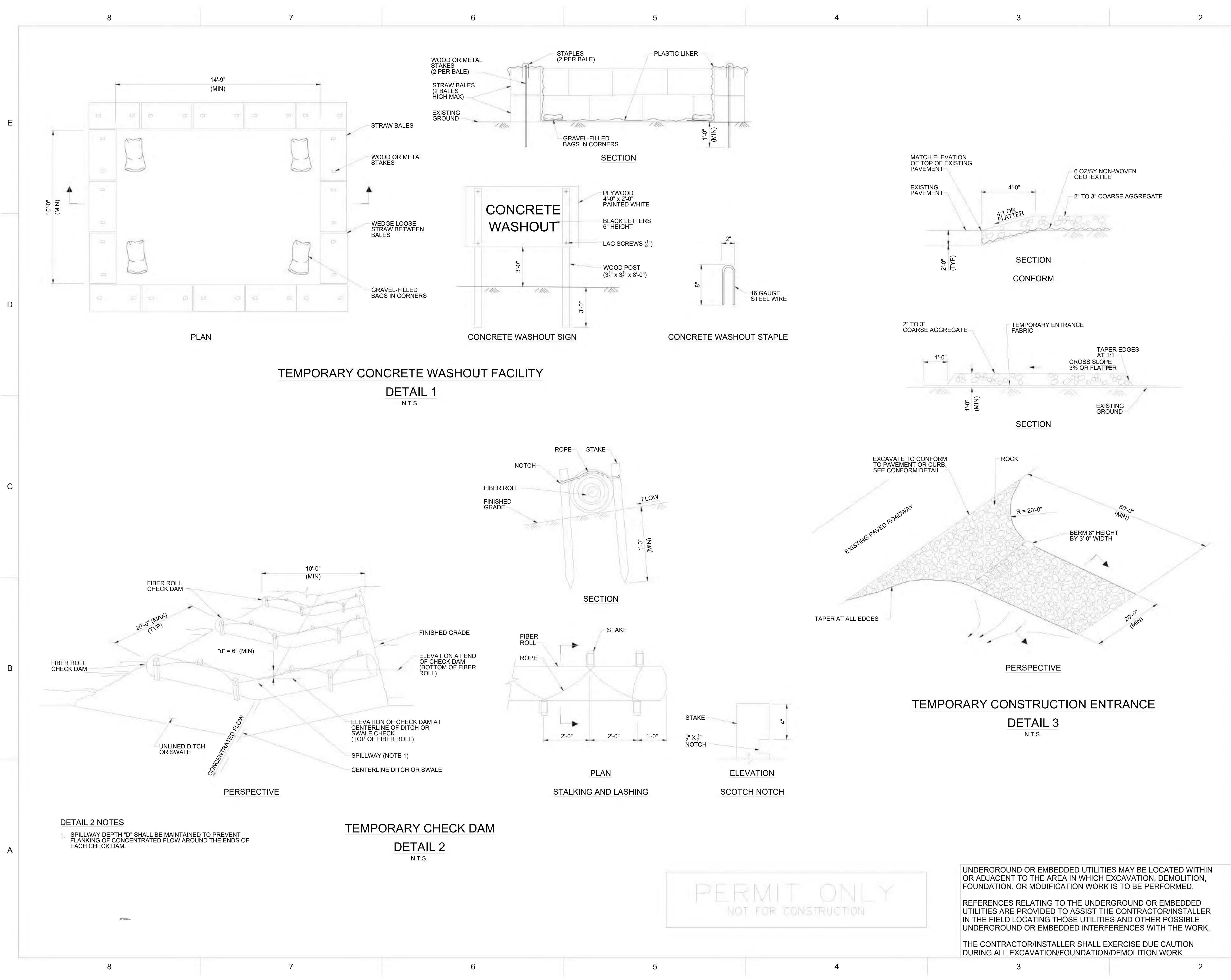
NO.		HOLD INFORMATION	
DESCRIPTION			
CONTRACTOR/INSTALLER SHALL TAKE ALL			
APPROPRIATE PRECAUTIONS TO ENSURE THE			
SAFETY OF ALL PEOPLE LOCATED ON THE			
WORK SITE, INCLUDING CONTRACTORS/			
INSTALLER'S PERSONNEL (OR THAT OF ITS			
SUB-CONTRACTOR(S)) PERFORMING THE WORK.			
RELEASE INFORMATION			
REV.	DATE		
0A	2/14/2025	ISSUED FOR 30%	
0B	3/31/2025	ISSUED FOR PERMIT	
0C	5/16/2025	ISSUED FOR PERMIT	
ISSUE PURPOSE:			
SPECIFICATION: -			
PROJECT NO.: 15474.001			
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 CALIFORNIA.			
ISSUED FOR PRELIMINARY PURPOSES			
JOSHUA BICKETT			
P.E. LICENSE #95625			
CAD FILE NAME: PSR-CS-007 S006.DWG			
PREPARED BY: CAF/JN			
REVIEWED BY: JTP			
APPROVED BY: --			
ANY MODIFICATION OR ADDITION TO THIS			
DRAWING BY AN ORGANIZATION OTHER THAN			
SARGENT & LUNDY, IS NOT THE			
RESPONSIBILITY OF SARGENT & LUNDY.			
			
SARGENT & LUNDY			
CHICAGO, ILLINOIS 60603-5780			
PROJECT			
PRAIRIE SONG RELIABILITY PROJECT			
DRAWING TITLE			
EROSION AND SEDIMENT CONTROL PLAN			
DRAWING NUMBER		REVISION	
PSR-CS-007 S006		0C	
SHEET 1 OF 1			


\$DATES\$

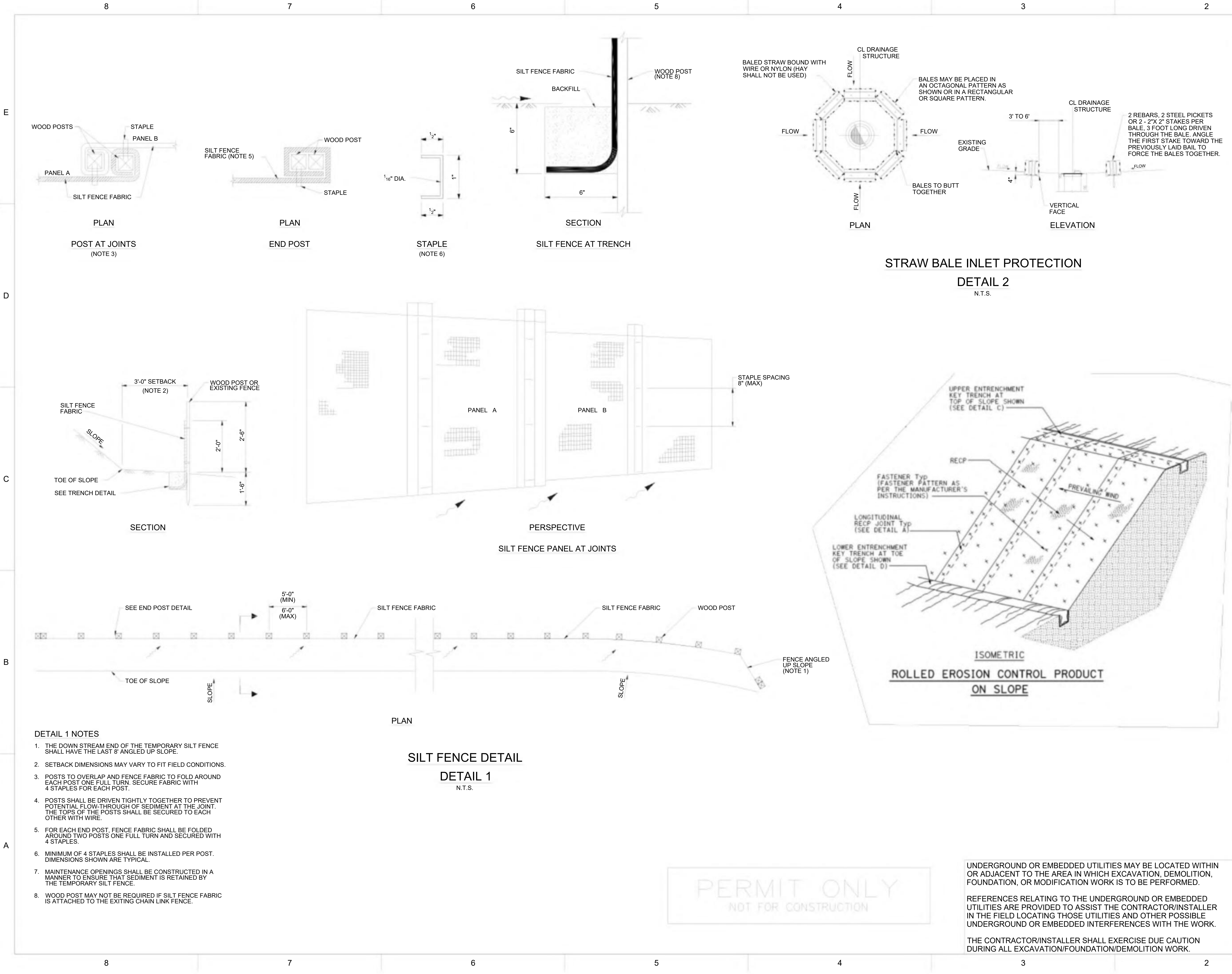
\$TIMES\$


\$FILEABREV\$

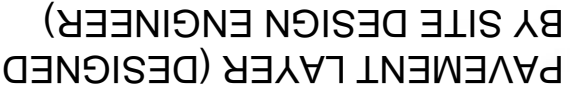
\$PINFO;\$
Form GDG-0401-01-09, ANSI (Imperial) MicroStation Border - Size D - 22 x 34
Revision 11A, Revision Date: 04-30-2010



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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 15474.001		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-008 S001.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div> SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
EROSION AND SEDIMENT CONTROL DETAILS		
DRAWING NUMBER		REVISION
PSR-CS-008 S001		0C
SHEET	1 OF 1	



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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 14089-012		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-008 S002.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
<div></div> <div>SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780</div>		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
EROSION AND SEDIMENT CONTROL DETAILS		
DRAWING NUMBER		REVISION
PSR-CS-008 S002		0C
SHEET	1 OF 1	



PERIMETER STONE (SEE NOTE 4)

EXCAVATION WALL (CAN BE SLOPED OR VERTICAL)

4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS. THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS, REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE.

N.T.S.

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", CHAMBER CLASSIFICATION 45X76

2. MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".

3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF THE FOUNDATION STONE WITH CONSIDERATION FOR

4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.

5. REQUIREMENTS FOR HANDLING AND INSTALLATION:

- | | |
|-------|---|
| 9. | STONE MATERIAL FOR LAYERS "A" AND "B" SHALL BE CLEAN, CRUSHED ANGULAR STONE MEETING THE GRADATION REQUIREMENTS OF AASHTO M43, GRADATION NO. 57. |
| 5.2. | TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73°F / 23°C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS. |
| 5.3. | THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT/%. THE ASO IS DEFINED IN SECTION 6.8 OF ASTM F2418. |
| 5.3.1 | TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION: |
| 5.3.2 | TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS. |
| 5.3.2 | TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3". |

7. STONE MATERIAL FOR LAYER "C" SHALL BE CALTRANS CLASS 2 BASE MATERIAL.

8. LAYER "D" SHALL CONSIST OF EITHER CLASS 2 BASE MATERIAL OR ASPHALT PAVING PER DETAILS 1 AND 2 ON DRAWING PSR-CS-006 SH001.

UNDERGROUND AND EXCAVATED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

EXCAVATION/FOUNDATION/DEMOLITION WORK.

DRAWING TITLE	UNDERGROUND STORMWATER DETENTION BASIN DETAIL
DRAWING NUMBER	PSR-CS-009
REVISION	00

PRAIRIE SONG RELIABILITY PROJECT

PROJECT

SARGENT & LUNDY
55 EAST MONROE STREET
CHICAGO, ILLINOIS 60603-5780

Sargent & Lundy

ANY MODIFICATION OR ADDITION TO THIS
DRAWING BY AN ORGANIZATION OTHER THAN
SARGENT & LUNDY, IS NOT THE
RESPONSIBILITY OF SARGENT & LUNDY.

APPROVED BY: --

REVIEWED BY: JTP

PREPARED BY: CAF/JN

CAD FILE NAME: PSR-CS-009.DWG

ISSUED FOR PRELIMINARY PURPOSES
JOSHUA BICKETT
P.E. LICENSE #958225

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 CALIFORNIA.

PROJECT NO.: 14089-012

ISSUE PURPOSE: ISSUED FOR PERMIT

0C	5/16/2025	ISSUED FOR PERMIT
----	-----------	-------------------

0B	3/31/2025	ISSUED FOR PERMIT
----	-----------	-------------------

0A	2/14/2025	ISSUED FOR 30%
----	-----------	----------------

RELEASE INFORMATION

SUB-CONTRACTOR(S)) PERFORMING THE WORK.

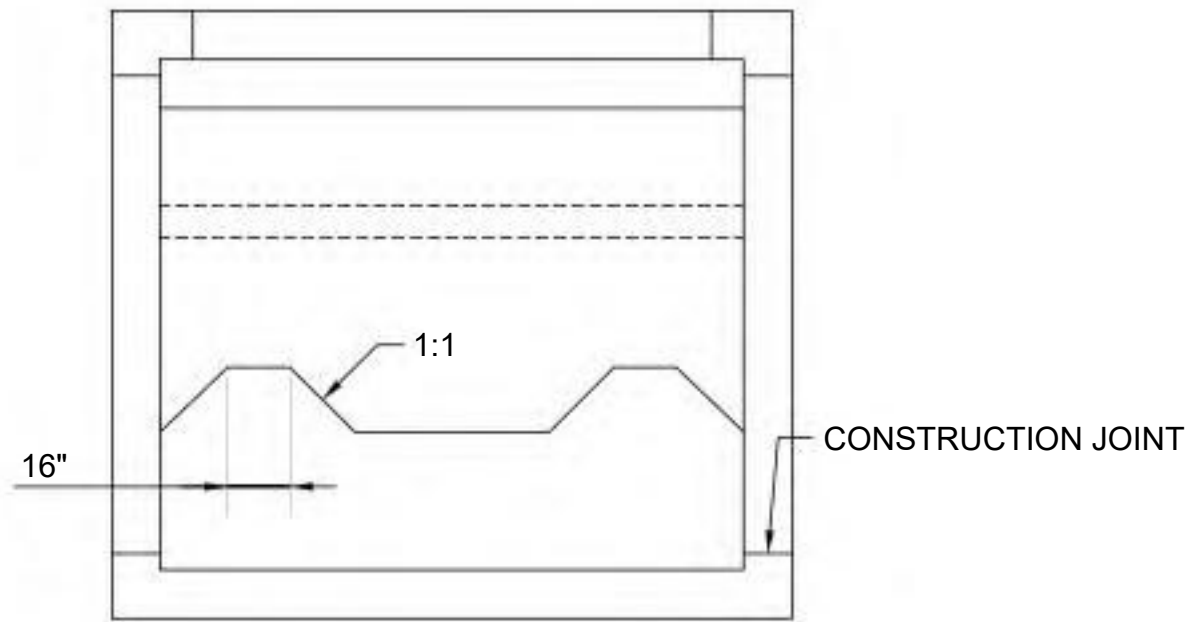
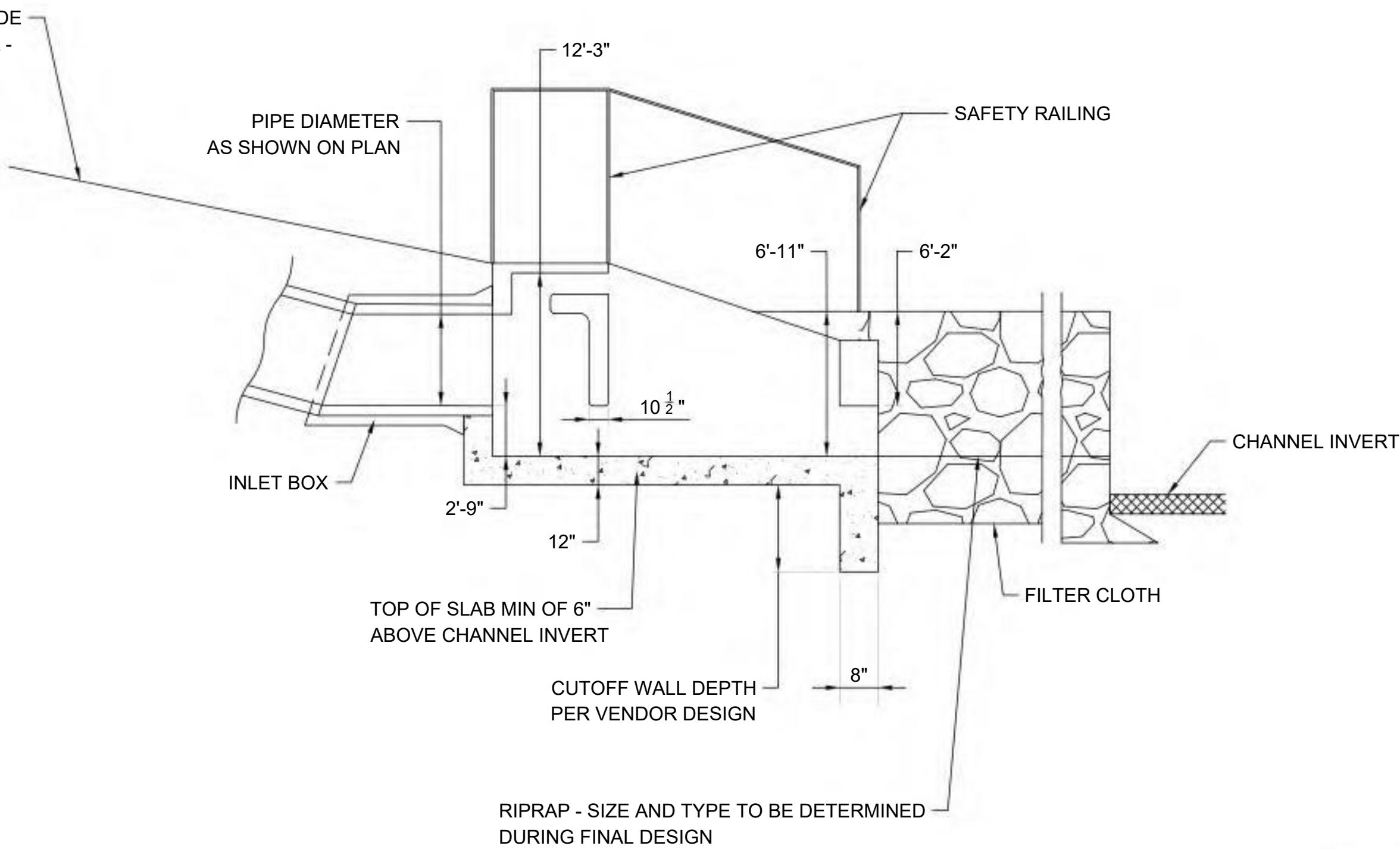
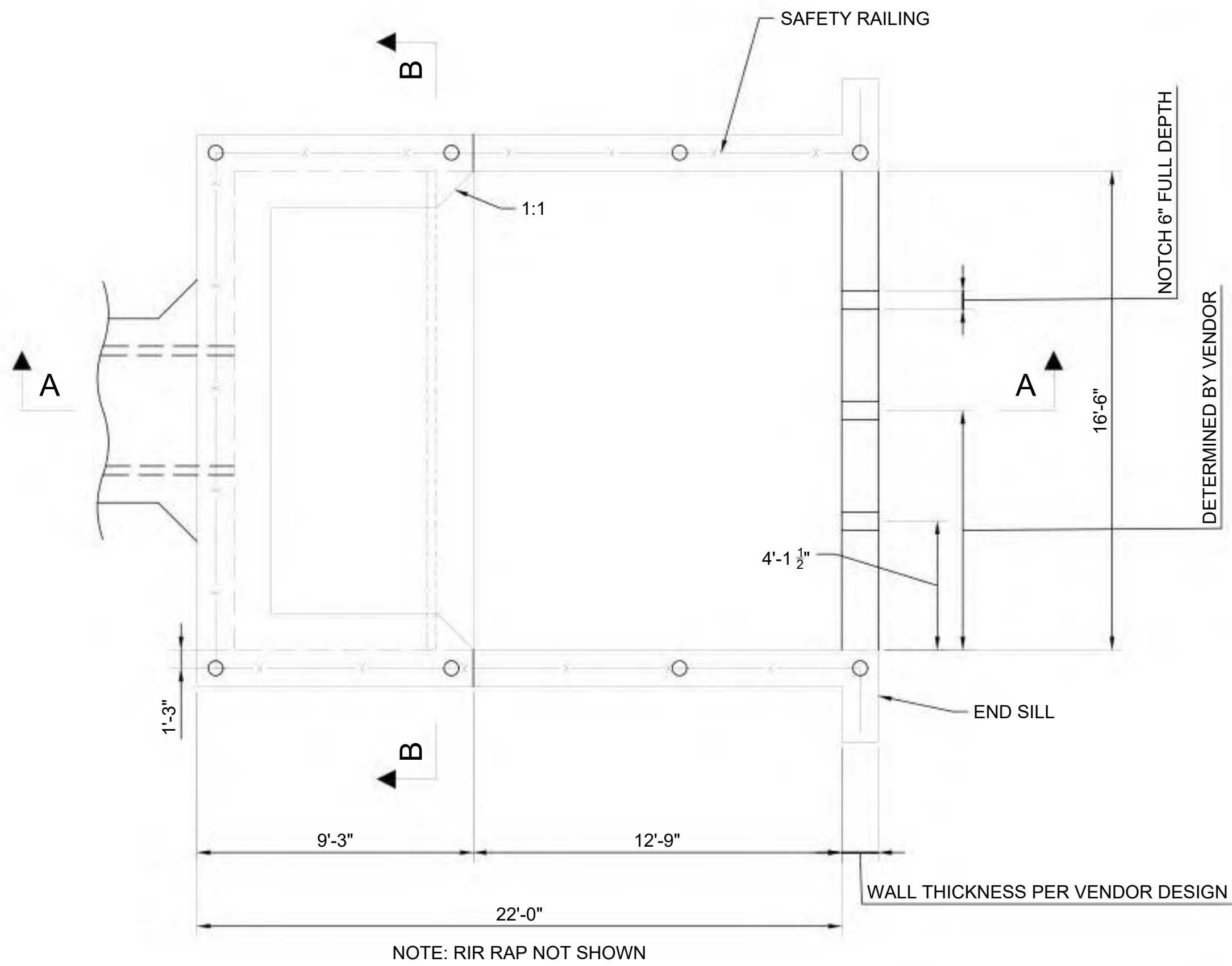
INSTALLER'S PERSONNEL (OR THAT OF ITS

SAFETY OF ALL PEOPLE LOCATED ON THE
WORK SITE INCLUDING CONTRACTOR'S/

APPROPRIATE PRECAUTIONS TO ENSURE THE

NO.	DESCRIPTION
-----	-------------

\$PINFO;\$
Form GDG-0401-01-09, ANSI (Imperial) MicroStation Border - Size D - 22 x 34
Revision 11A, Revision Date: 04-30-2010



NOTES:


1. ALL REINFORCING TO BE DESIGNED BY THE VENDOR.
2. DRAWING REPRESENTS A TYPICAL ENERGY DISSIPATOR THAT MAY BE USED FOR THE PROJECT. ACTUAL VENDOR DIMENSIONS MAY VARY SLIGHTLY FROM THOSE SHOWN.

PERMIT ONLY
NOT FOR CONSTRUCTION

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: -		
PROJECT NO.: 14089-012		
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 CALIFORNIA.		
ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-009.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION OR ADDITION TO THIS DRAWING BY AN ORGANIZATION OTHER THAN SARGENT & LUNDY, IS NOT THE RESPONSIBILITY OF SARGENT & LUNDY.		
		
SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
ENERGY DISSIPATOR DETAILS		
DRAWING NUMBER		REVISION
PSR-CS-010		0C
SHEET	1 OF 1	

