

DOCKETED	
Docket Number:	25-OPT-02
Project Title:	Prairie Song Reliability Project
TN #:	266806
Document Title:	Updated DR Response 2 Attachment 28 - Appendix 2A Site Plan Package - Part 1A
Description:	N/A
Filer:	Erin Phillips
Organization:	Dudek
Submitter Role:	Applicant Consultant
Submission Date:	10/23/2025 4:59:21 PM
Docketed Date:	10/23/2025

Attachment 28

Updated Appendix 2A

Section 2.0

Project Description

Appendices

1 of 4

Appendix 2A

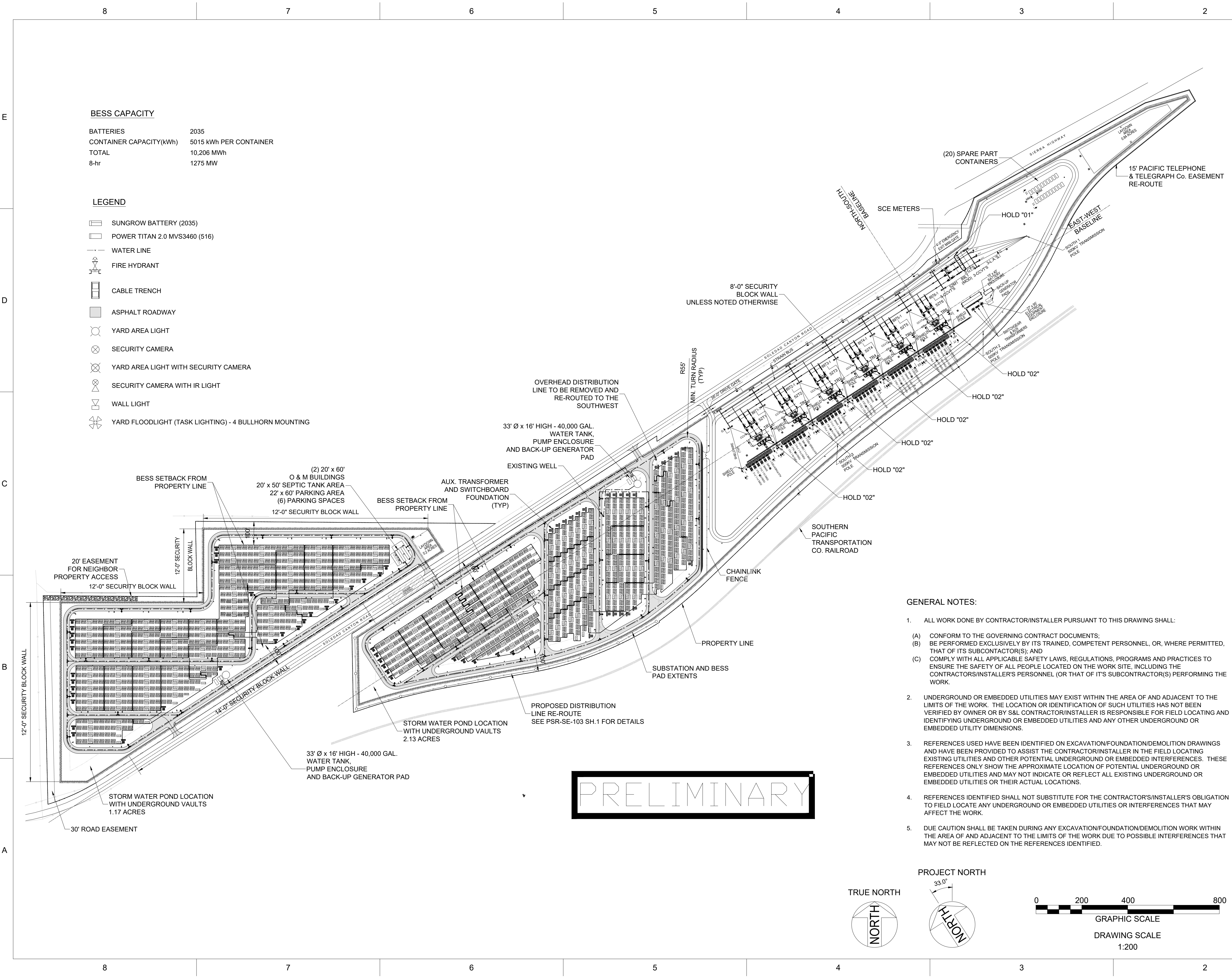
Site Plan Package

1 of 2

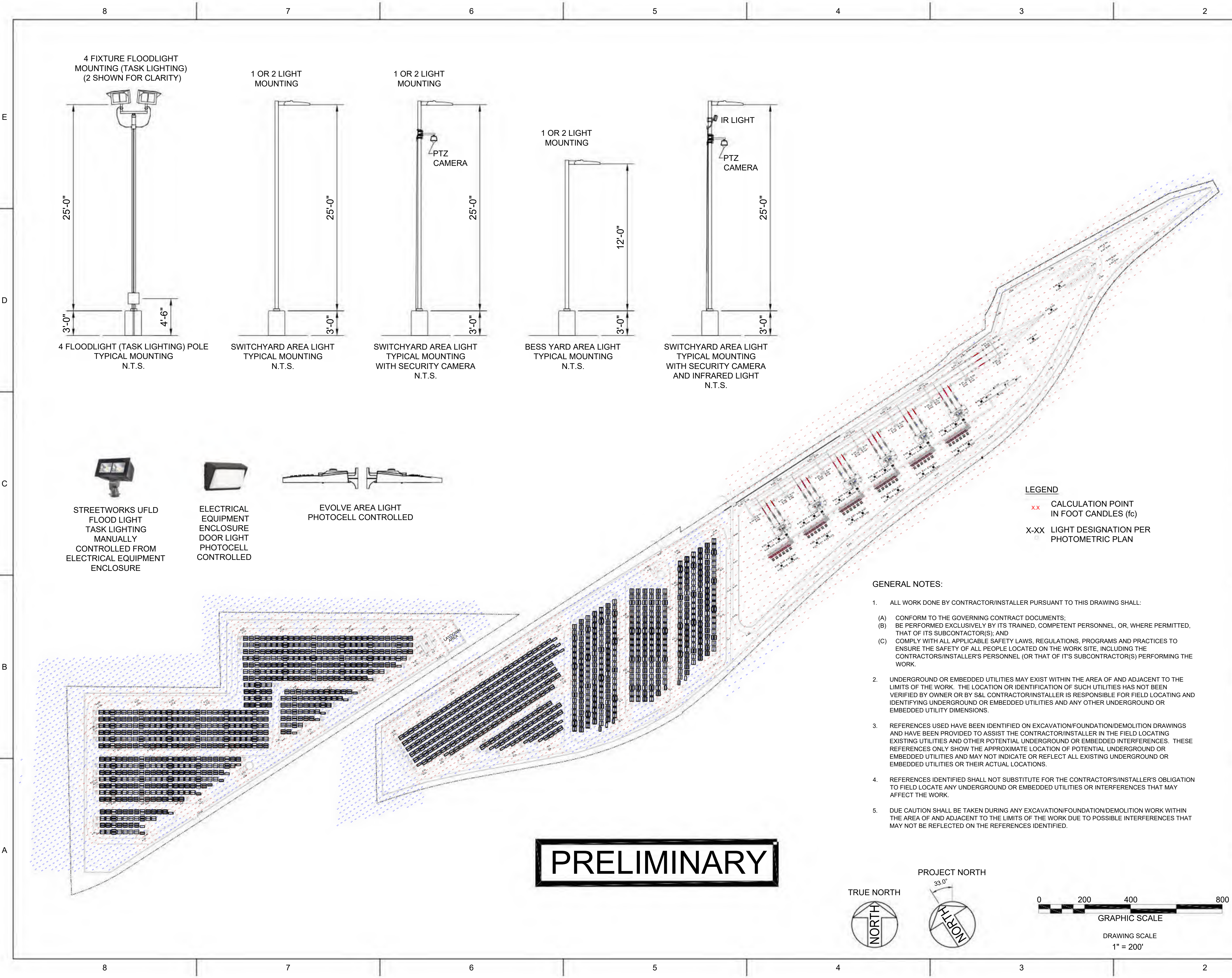
PRAIRIE SONG RELIABILITY PROJECT (BESS ELECTRICAL)	
DWG. NO.	DRAWING TITLE
PSR-BE-100_S001	TYPICAL BESS AND MVT ELEVATION
PSR-BE-200_S001	TYPICAL O&M BUILDING FRONT & REAR ELEVATIONS
PSR-BE-200_S002	TYPICAL O&M BUILDING SIDE ELEVATIONS
PSR-BE-201_S001	FIRE SAFETY AND WATER CIRCULATION PLAN

PRAIRIE SONG RELIABILITY PROJECT DRAWING LIST (SUBSTATION ELECTRICAL)	
DWG. NO.	DRAWING TITLE
PSR-SE-001_S001	SINGLE LINE

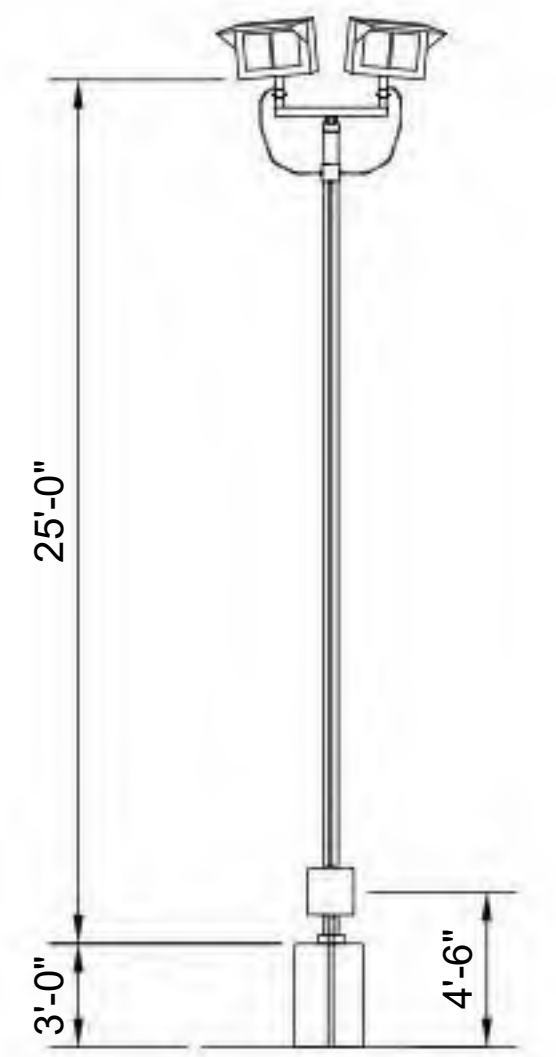
HOLD INFORMATION		
NO.	DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/ INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
0A	3/31/2025	ISSUED FOR PERMIT
0B	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-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 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
MASTER DRAWING LIST		
DRAWING NUMBER		REVISION
PSR-001		0B
SHEET	1 OF 1	



HOLD INFORMATION		
NO.	DESCRIPTION	
01	PHASING TO BE PROVIDED BY CLIENT	
02	REACTOR RATINGS ON HOLD PENDING DETAILED DESIGN ENGINEERING STUDIES	
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
0E	8/14/2025	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-101_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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
GENERAL ARRANGEMENT		
DRAWING NUMBER		REVISION
PSR-SE-101		0E
SHEET	1 OF 2	

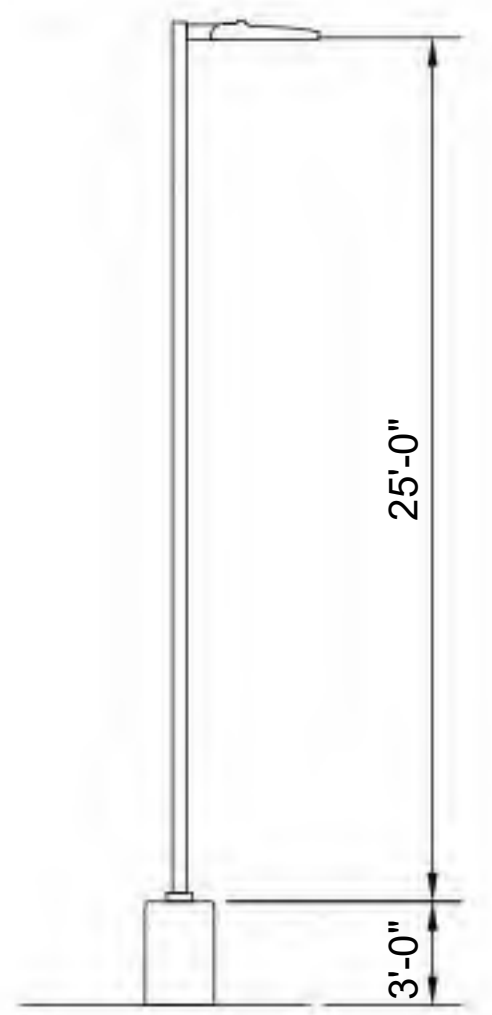


4 FIXTURE FLOODLIGHT MOUNTING (TASK LIGHTING) (2 SHOWN FOR CLARITY)



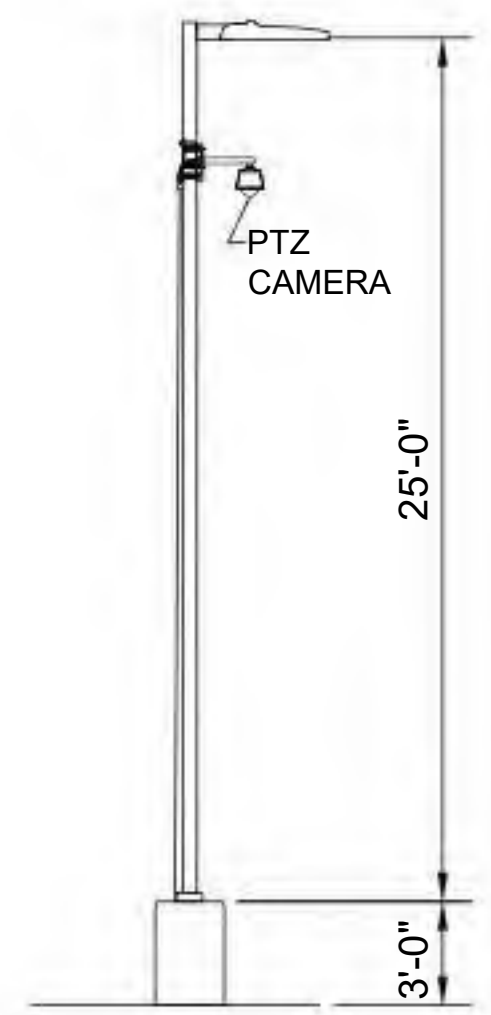
4 FLOODLIGHT (TASK LIGHTING) POLE TYPICAL MOUNTING N.T.S.

1 OR 2 LIGHT MOUNTING



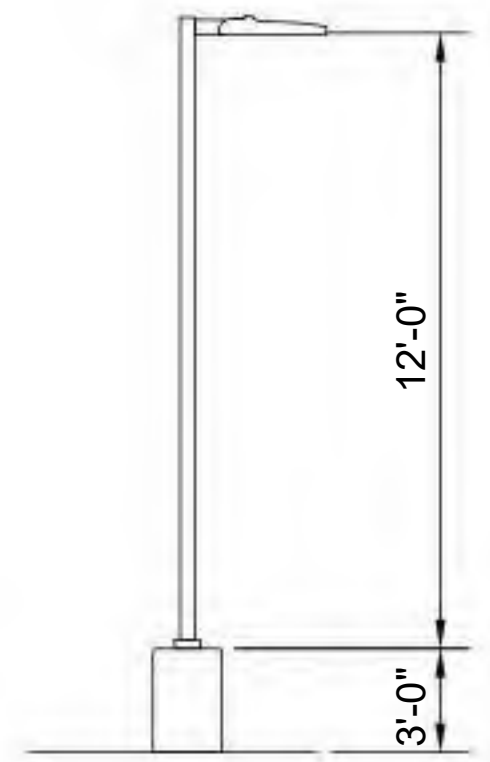
SWITCHYARD AREA LIGHT TYPICAL MOUNTING N.T.S.

1 OR 2 LIGHT MOUNTING



SWITCHYARD AREA LIGHT TYPICAL MOUNTING WITH SECURITY CAMERA N.T.S.

1 OR 2 LIGHT MOUNTING



BESS YARD AREA LIGHT TYPICAL MOUNTING N.T.S.



SWITCHYARD AREA LIGHT TYPICAL MOUNTING WITH SECURITY CAMERA AND INFRARED LIGHT N.T.S.

STREETWORKS UFLD FLOOD LIGHT TASK LIGHTING MANUALLY CONTROLLED FROM ELECTRICAL EQUIPMENT ENCLOSURE

ELECTRICAL EQUIPMENT ENCLOSURE DOOR LIGHT PHOTOCELL CONTROLLED

EVOLVE AREA LIGHT PHOTOCELL CONTROLLED

- LEGEND**
- xx CALCULATION POINT IN FOOT CANDLES (fc)
 - X-XX LIGHT DESIGNATION PER PHOTOMETRIC PLAN

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); AND
 - COMPLY WITH ALL APPLICABLE SAFETY LAWS, REGULATIONS, PROGRAMS AND PRACTICES TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING THE CONTRACTORS/INSTALLER'S PERSONNEL (OR THAT OF IT'S 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.
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- 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.

TRUE NORTH

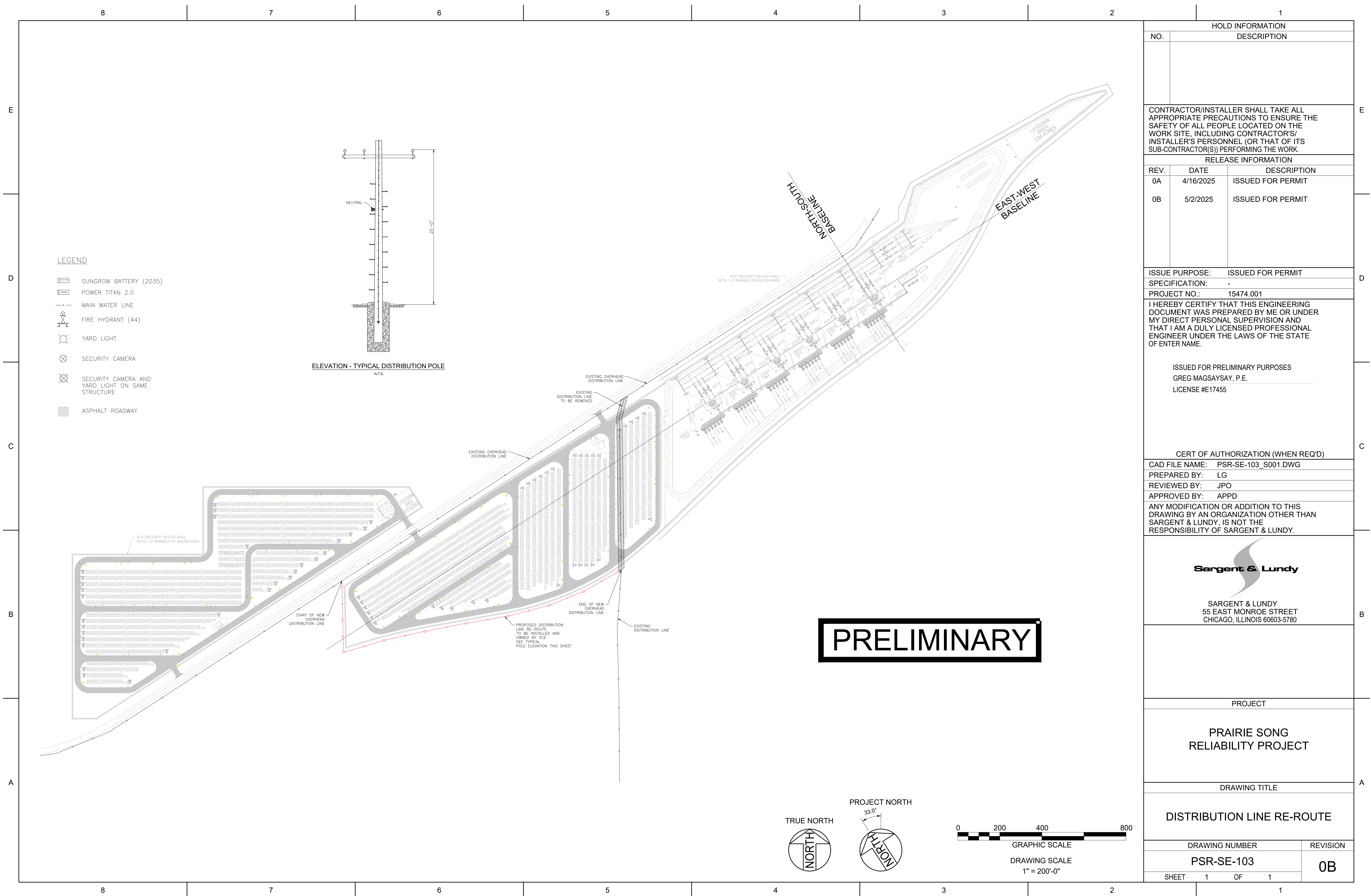
PROJECT NORTH 33.0°

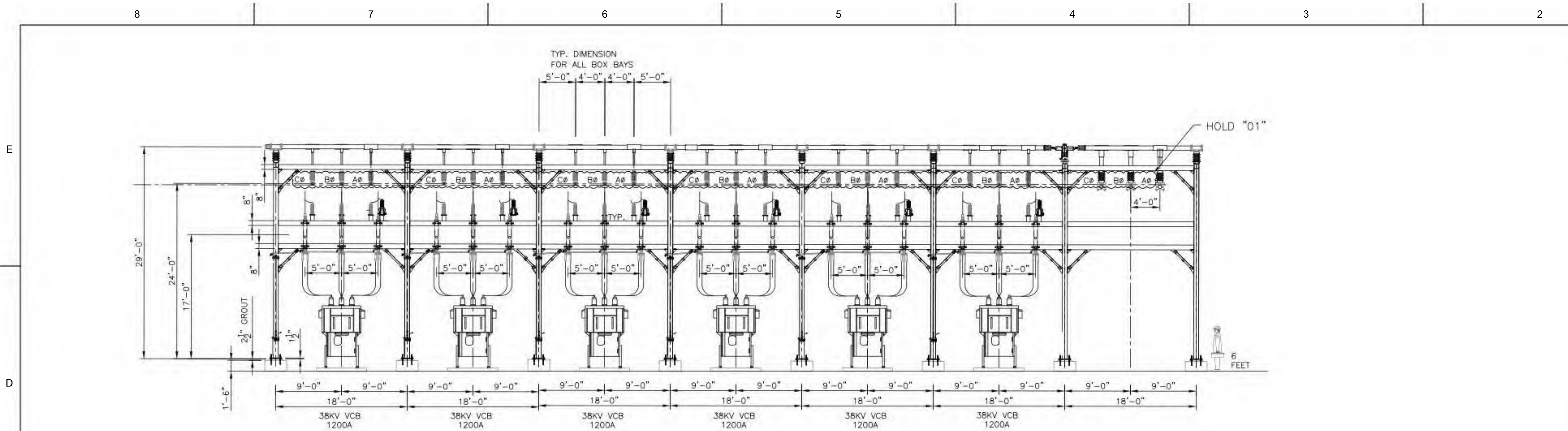
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GRAPHIC SCALE

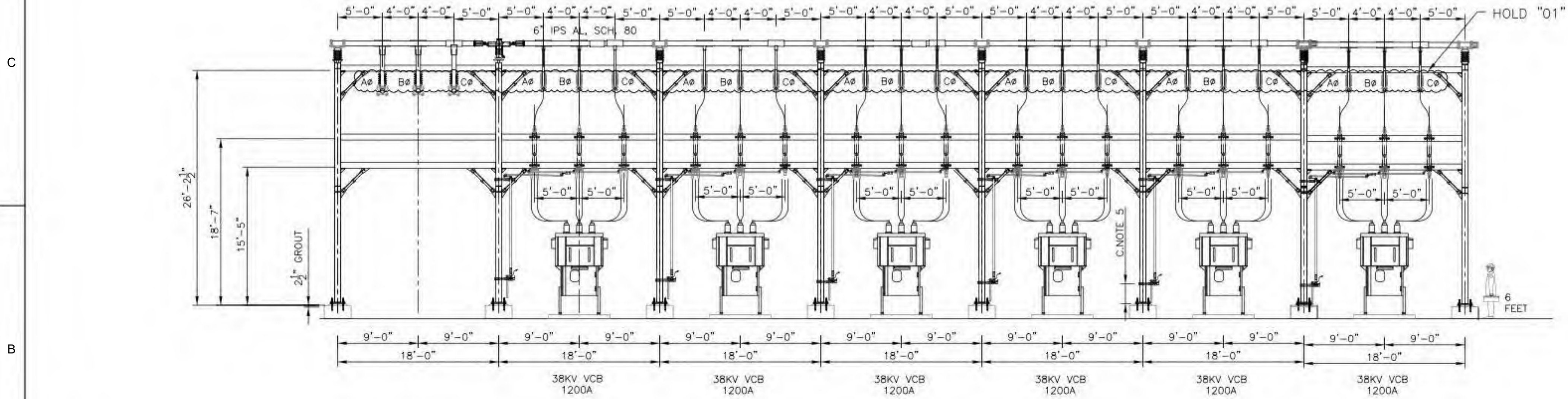
DRAWING SCALE 1" = 200'

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
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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE LIGHTING PLAN		
DRAWING NUMBER	REVISION	
PSR-SE-102	0C	
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

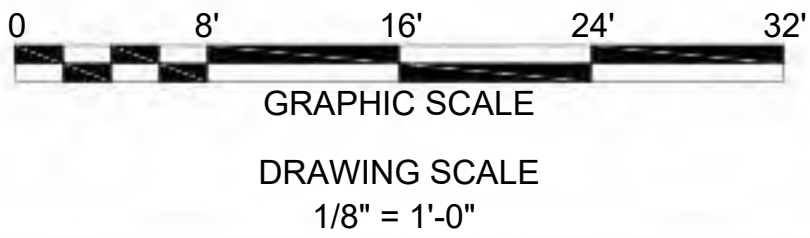
GENERAL NOTES:

- ALL WORK DONE BY CONTRACTOR/INSTALLER PURSUANT TO THIS DRAWING SHALL:
(A) CONFORM TO THE GOVERNING CONTRACT DOCUMENTS
(B) BE PERFORMED EXCLUSIVELY BY ITS TRAINED, COMPETENT PERSONNEL OR, WHERE PERMITTED, THAT OF ITS SUBCONTRACTOR(S)
(C) 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.
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- 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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
TYPICAL 34.5KV SWITCHYARD SECTIONS		
DRAWING NUMBER		REVISION
PSR-SE-402		0C
SHEET	1 OF 3	

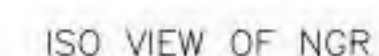
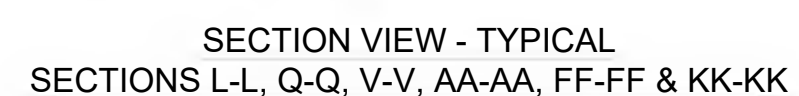
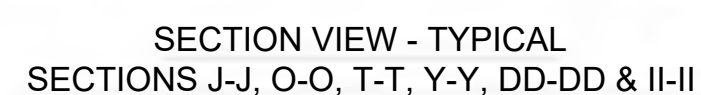




C



A



GENERAL NOTES:

1. ALL WORK DONE BY CONTRACTOR/INSTALLER PURSUANT TO THIS DRAWING SHALL:

- (A) CONFORM TO THE GOVERNING CONTRACT DOCUMENTS
(B) BE PERFORMED EXCLUSIVELY BY ITS TRAINED, COMPETENT PERSONNEL OR, WHERE PERMITTED, THAT OF ITS SUBCONTRACTOR(S)
(C) 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

2. 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.

3. 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.

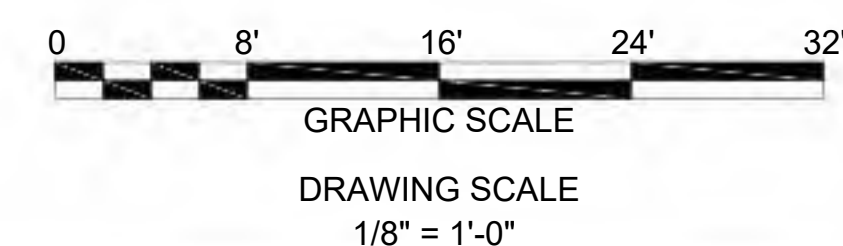
4. REFERENCES IDENTIFIED SHALL NOT SUBSTITUTE FOR THE CONTRACTOR'S/INSTALLER'S OBLIGATION TO FIELD LOCATE ANY UNDERGROUND OR EMBEDDED UTILITIES OR INTERFERENCES THAT MAY AFFECT THE WORK.

5. 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.

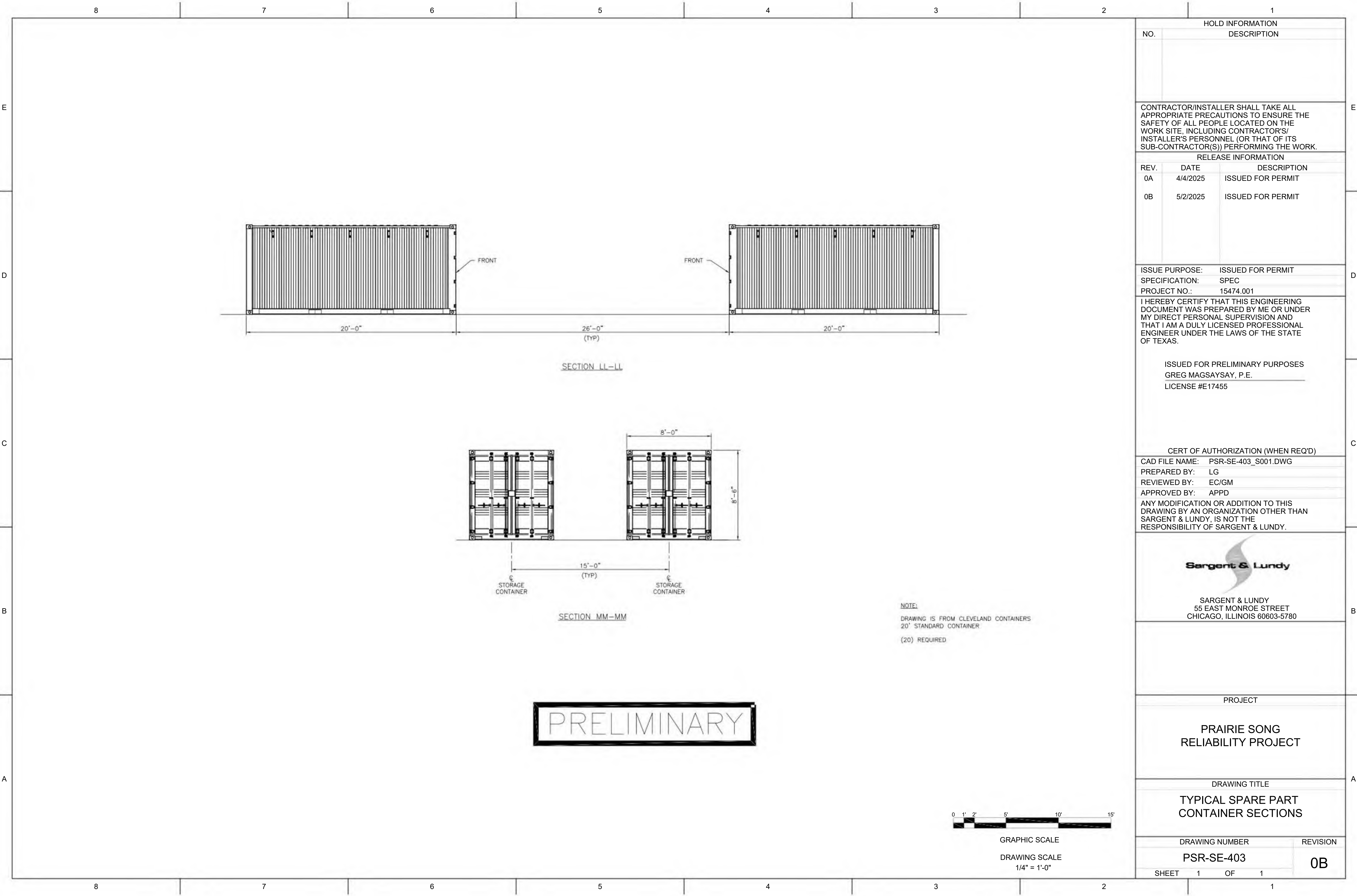
REFERENCE:

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

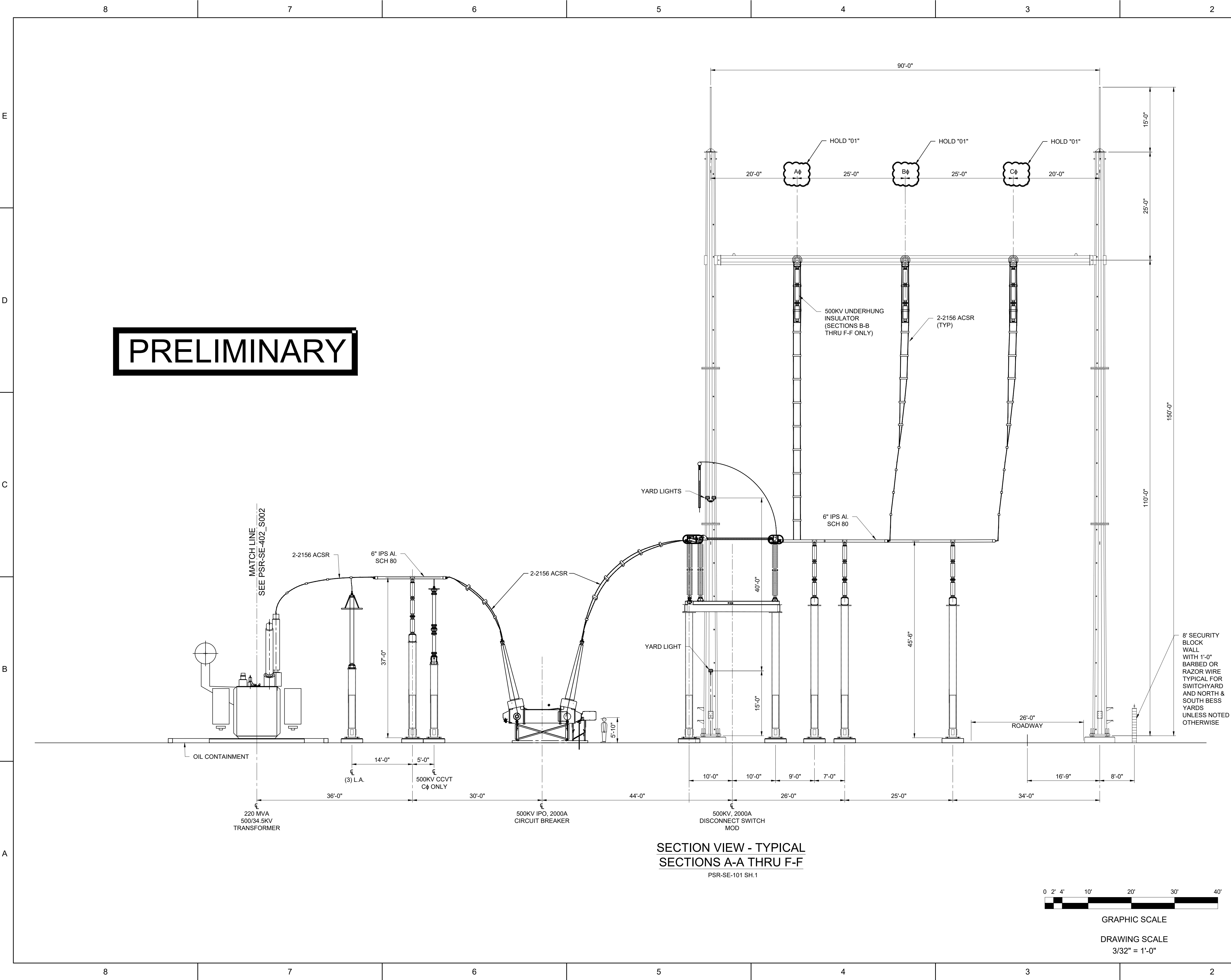
PRELIMINARY



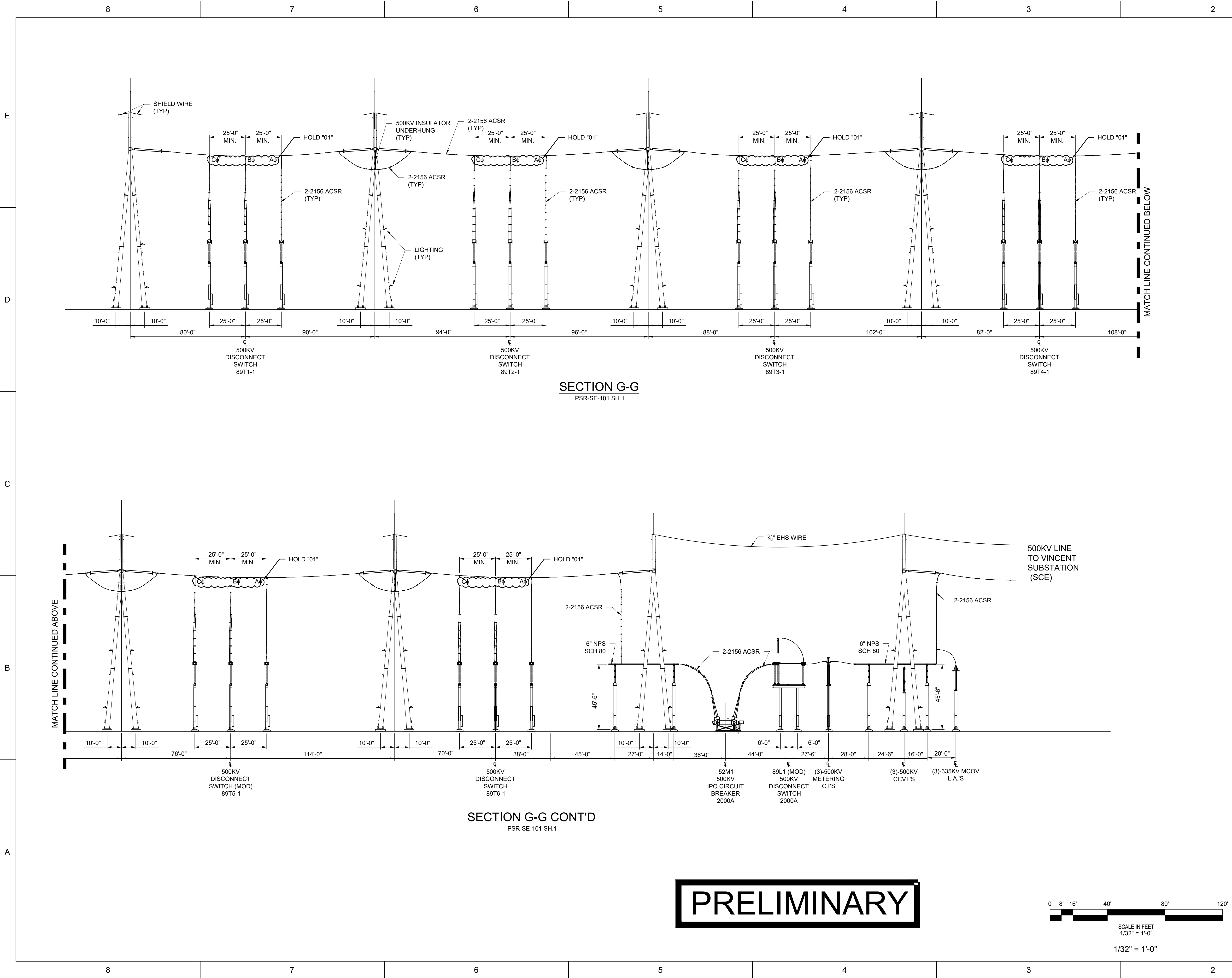
HOLD INFORMATION	
NO.	DESCRIPTION
01	PHASING TO BE PROVIDED BY CLIENT
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.	
RELEASE 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_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 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780	
PROJECT	
PRAIRIE SONG RELIABILITY PROJECT	
DRAWING TITLE	
TYPICAL 34.5KV SWITCHYARD SECTION 2	
DRAWING NUMBER	REVISION
PSR-SE-402	0C
SHEET 2 OF 3	



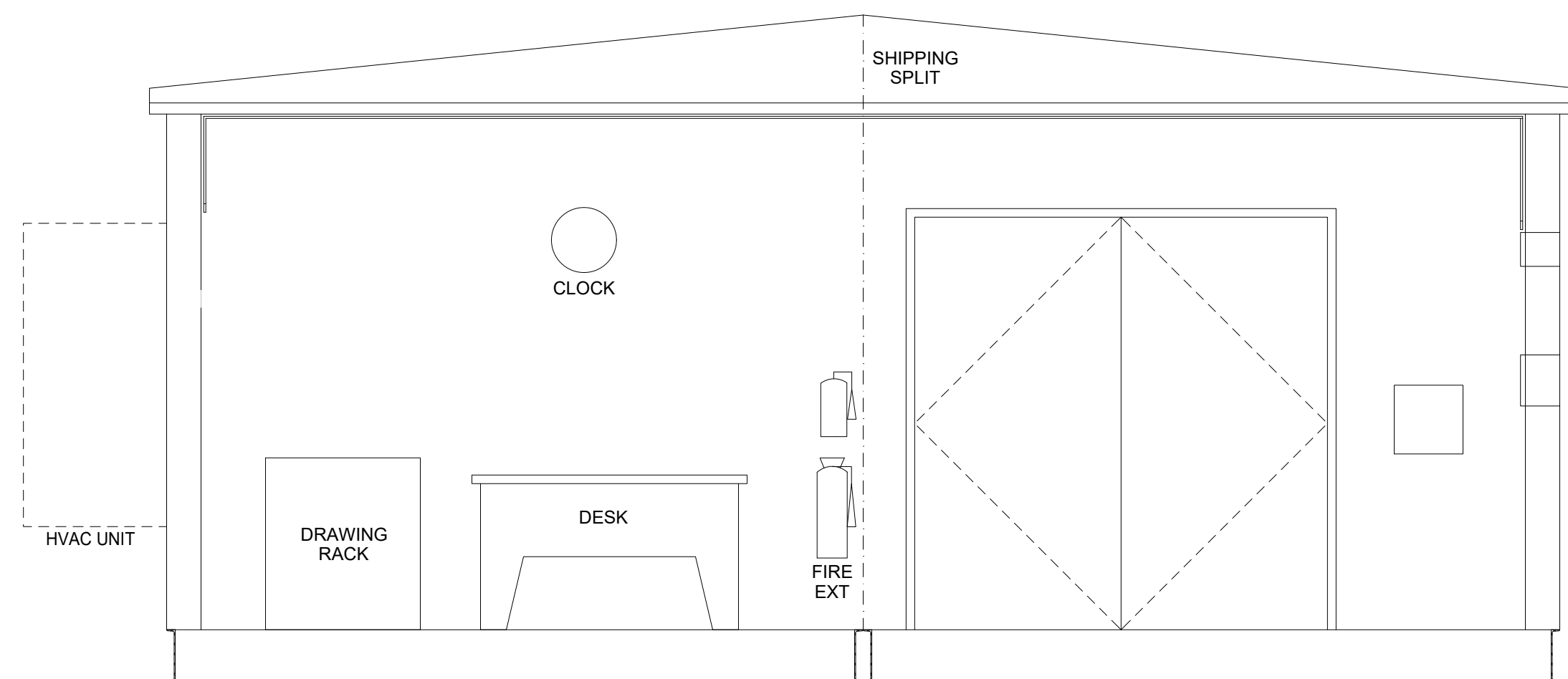
HOLD INFORMATION		
NO.	DESCRIPTION	
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REV.	DATE	DESCRIPTION
0A	4/4/2025	ISSUED FOR PERMIT
0B	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE: ISSUED FOR PERMIT		
SPECIFICATION: SPEC		
PROJECT NO.: 15474.001		
I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT 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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
TYPICAL SPARE PART CONTAINER SECTIONS		
DRAWING NUMBER		REVISION
PSR-SE-403		0B
SHEET	1 OF 1	



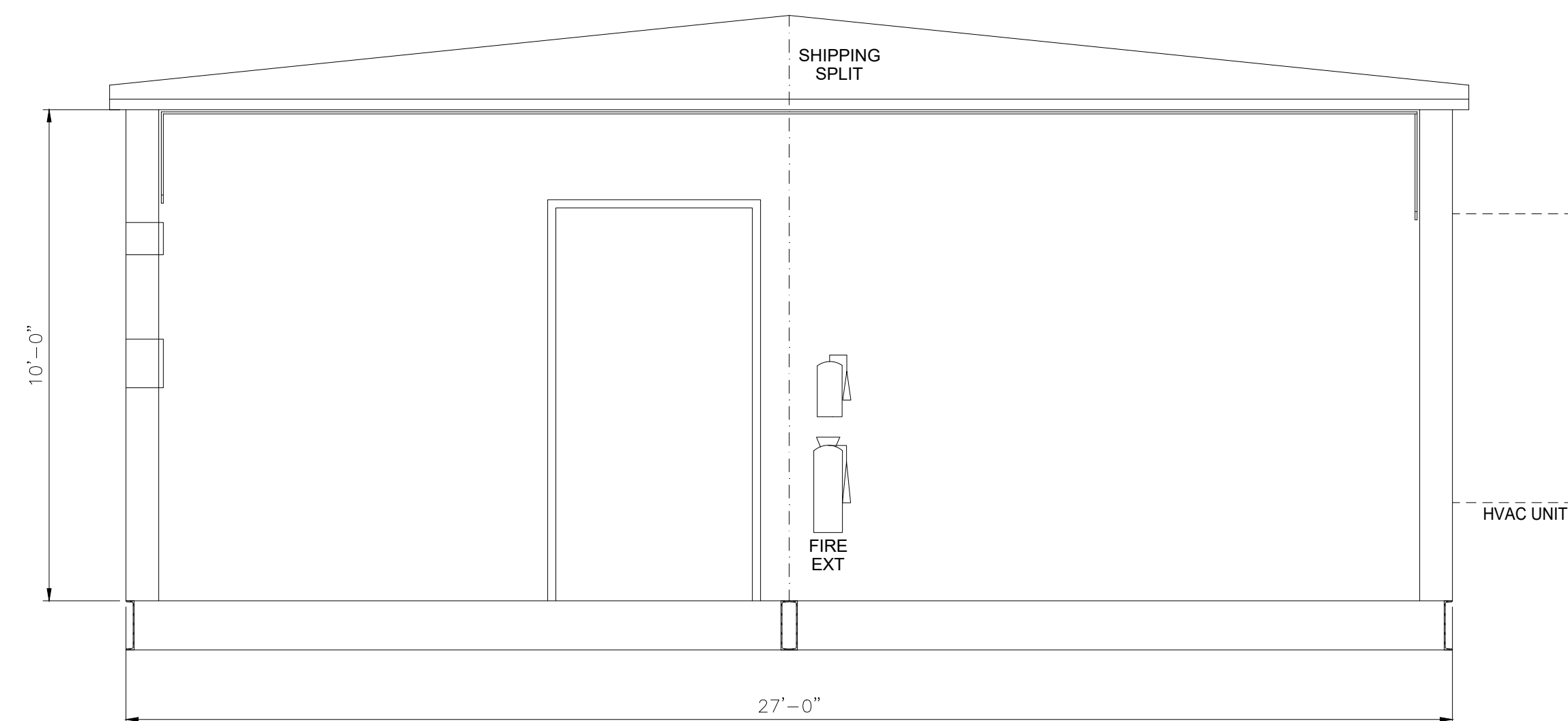
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0C	5/2/2025	ISSUED FOR PERMIT
0D	5/20/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		SPEC
PROJECT NO.:		15474.001
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ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
TYPICAL 500KV SWITCHYARD ELEVATION 2		
DRAWING NUMBER		REVISION
PSR-SE-014		0C
SHEET	7 OF 7	



SECTION B-B



SECTION A-A

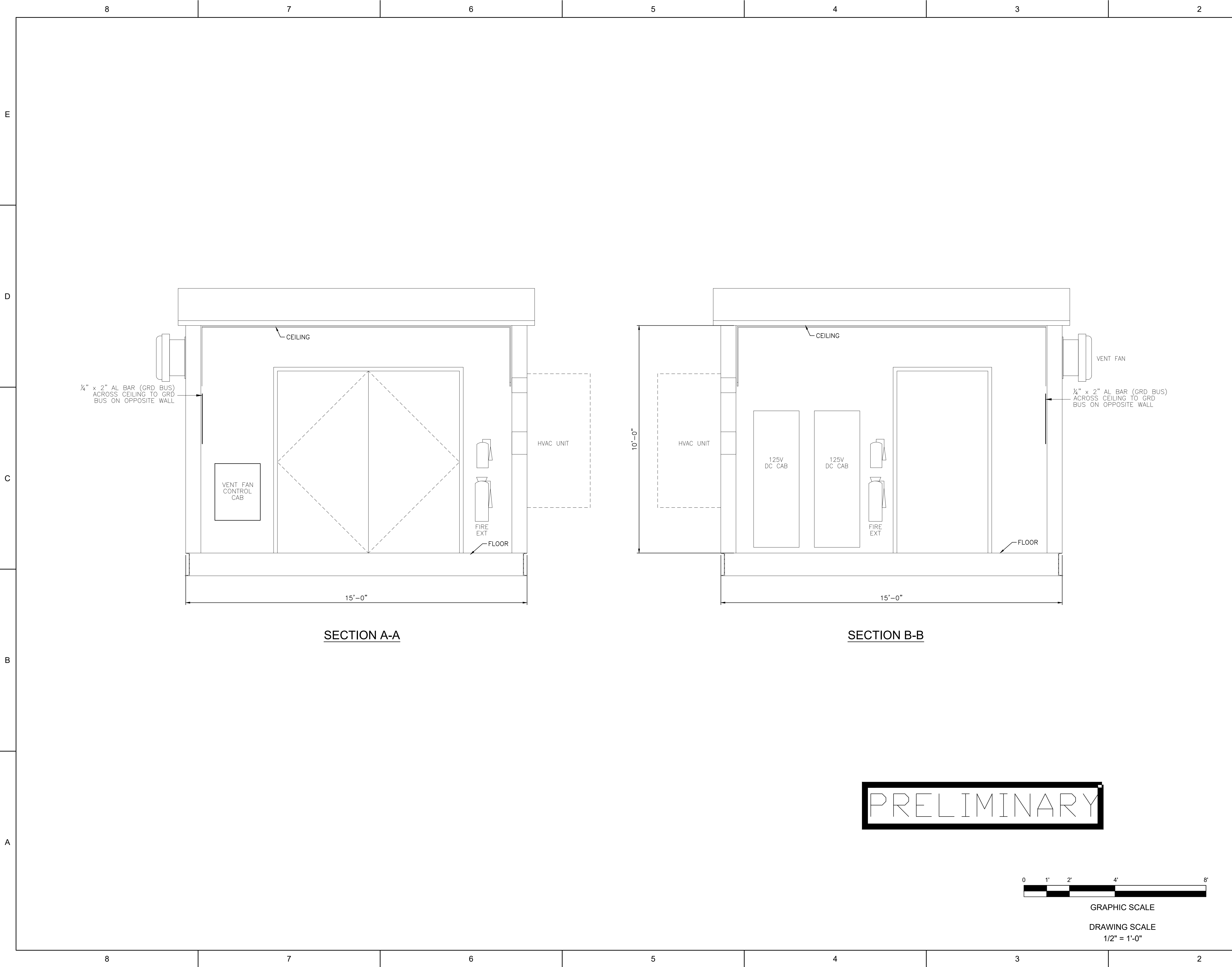
PRELIMINARY



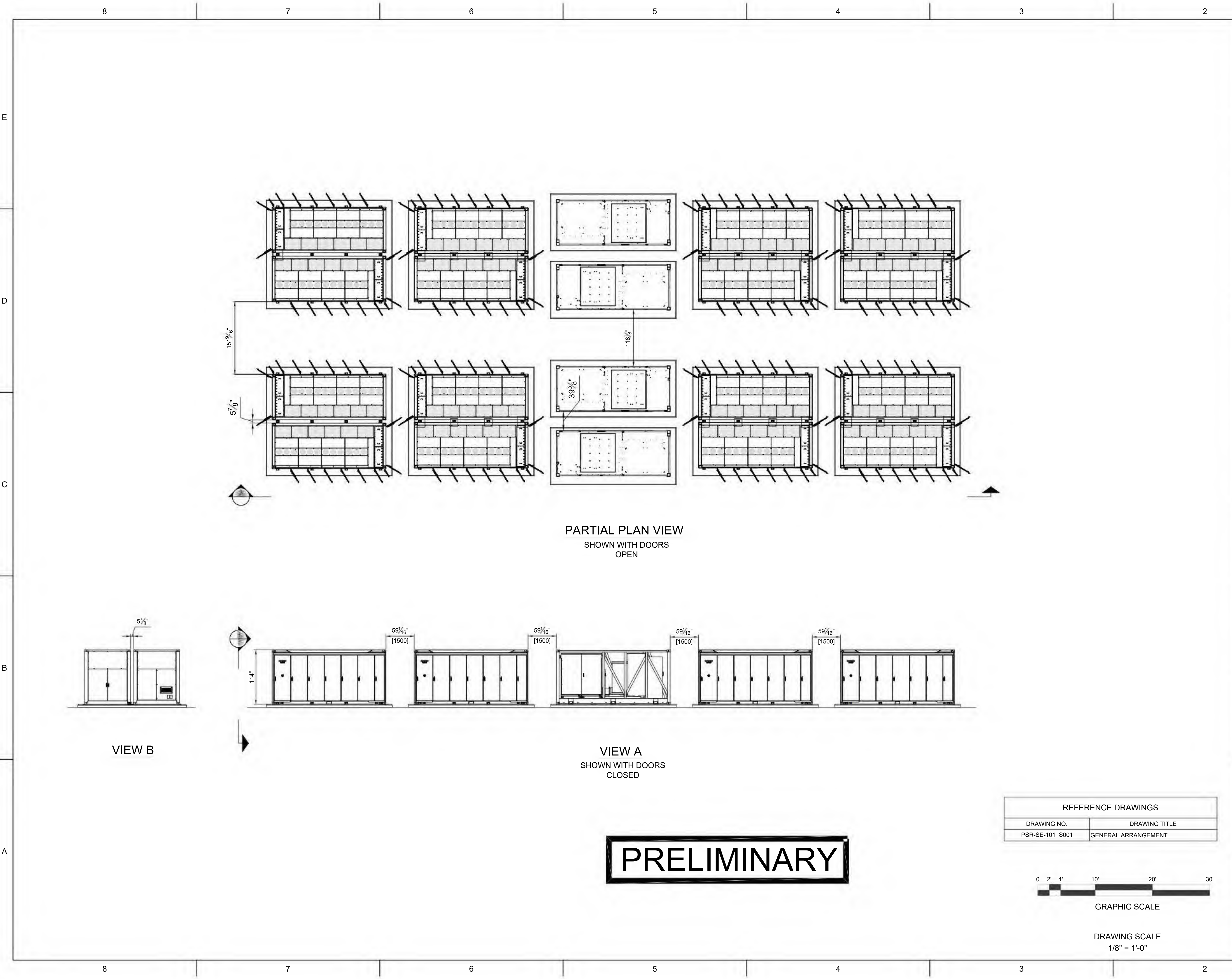
GRAPHIC SCALE

DRAWING SCALE
3/8" = 1'-0"

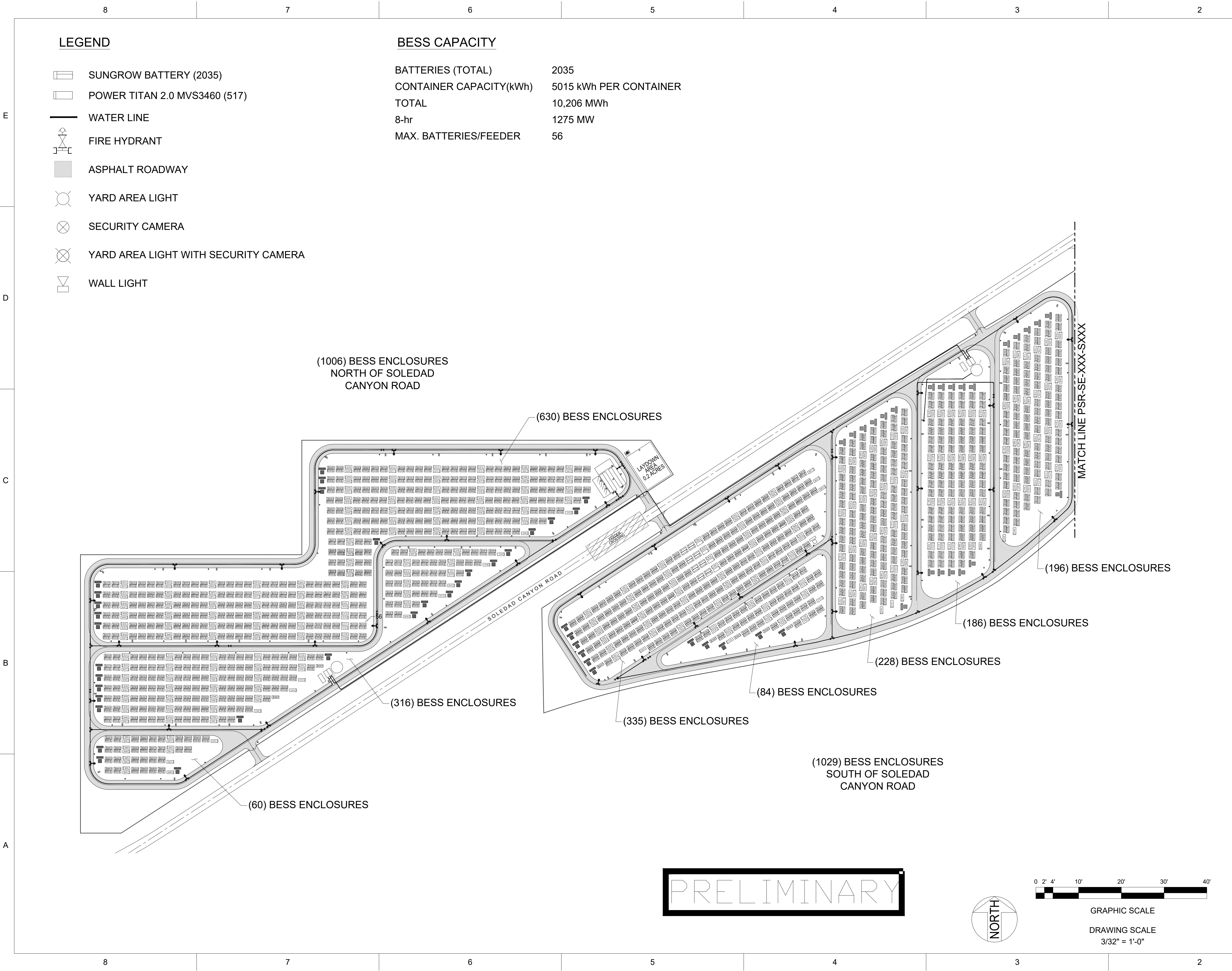
HOLD INFORMATION		
NO.	DESCRIPTION	
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
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0B	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		SPEC
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ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME:		PSR-SE-015_S002.DWG
PREPARED BY:		LG
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 500KV SWITCHYARD ELECTRICAL EQUIPMENT ENCLOSURE		
DRAWING NUMBER		REVISION
PSR-SE-015		0B
SHEET	2 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	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 ENTER NAME.		
ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME:		PSR-SE-015_S005.DWG
PREPARED BY:		LG
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 SUBSTATION BATTERY BACKUP ENCLOSURE SECTIONS		
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	3/31/2025	ISSUED FOR PERMIT
0C	4/4/2025	ISSUED FOR PERMIT
0D	5/2/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		SPEC
PROJECT NO.:		15474.001
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ISSUED FOR PRELIMINARY PURPOSES GREG MAGSAYSAY, P.E. LICENSE #E17455		
CERT OF AUTHORIZATION (WHEN REQ'D)		
CAD FILE NAME:		PSR-BE-100_S001.DWG
PREPARED BY:		LG
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 BESS AND MVT ELEVATION		
DRAWING NUMBER		REVISION
PSR-BE-100		0D
SHEET	1 OF 1	



LEGEND

- SUNGROW BATTERY (2035)
- POWER TITAN 2.0 MVS3460 (517)
- WATER LINE
- FIRE HYDRANT
- ASPHALT ROADWAY
- YARD AREA LIGHT
- SECURITY CAMERA
- YARD AREA LIGHT WITH SECURITY CAMERA
- WALL LIGHT

BESS CAPACITY

BATTERIES (TOTAL)	2035
CONTAINER CAPACITY(kWh)	5015 kWh PER CONTAINER
TOTAL	10,206 MWh
8-hr	1275 MW
MAX. BATTERIES/FEEDER	56

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	08/14/2025	ISSUED FOR PERMIT

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

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

CERT OF AUTHORIZATION (WHEN REQ'D)

CAD FILE NAME:	PSR-BE-101_S001.DWG
PREPARED BY:	LG
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

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

PROJECT

PRAIRIE SONG
RELIABILITY PROJECT

DRAWING TITLE

BESS YARD
BESS ENCLOSURE TOTALS

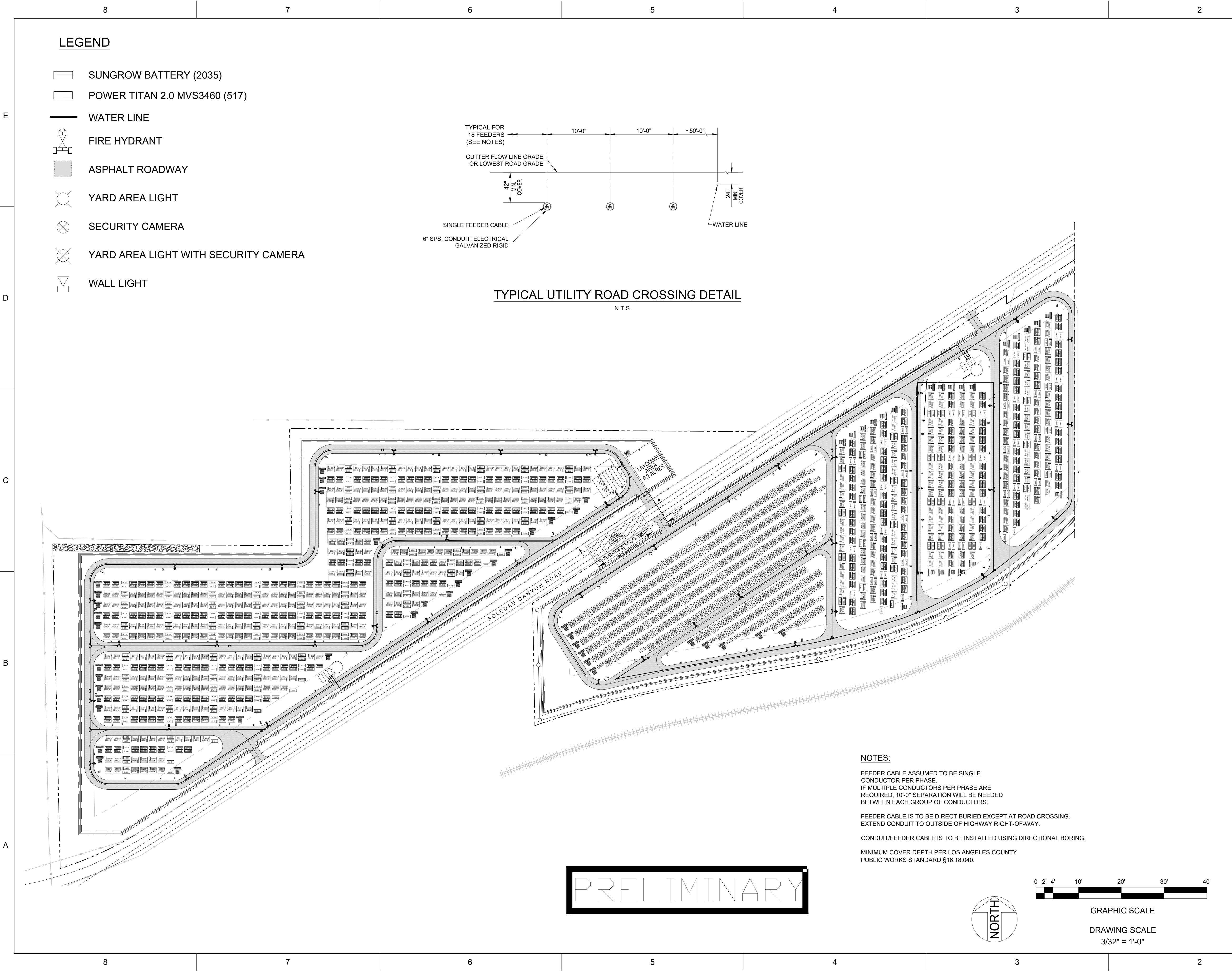
DRAWING NUMBER

PSR-BE-101

REVISION

0A

SHEET 1 OF 1



LEGEND

- SUNGROW BATTERY (2035)
- POWER TITAN 2.0 MVS3460 (517)
- WATER LINE
- FIRE HYDRANT
- ASPHALT ROADWAY
- YARD AREA LIGHT
- SECURITY CAMERA
- YARD AREA LIGHT WITH SECURITY CAMERA
- WALL LIGHT

TYPICAL UTILITY ROAD CROSSING DETAIL

N.T.S.

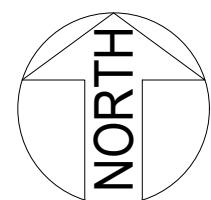
NOTES:

FEEDER CABLE ASSUMED TO BE SINGLE CONDUCTOR PER PHASE.
IF MULTIPLE CONDUCTORS PER PHASE ARE REQUIRED, 10'-0" SEPARATION WILL BE NEEDED BETWEEN EACH GROUP OF CONDUCTORS.

FEEDER CABLE IS TO BE DIRECT BURIED EXCEPT AT ROAD CROSSING.
EXTEND CONDUIT TO OUTSIDE OF HIGHWAY RIGHT-OF-WAY.

CONDUIT/FEEDER CABLE IS TO BE INSTALLED USING DIRECTIONAL BORING.

MINIMUM COVER DEPTH PER LOS ANGELES COUNTY PUBLIC WORKS STANDARD §16.18.040.



GRAPHIC SCALE

DRAWING SCALE
3/32" = 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	08/14/2025	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-BE-101_S001.DWG

PREPARED BY: LG

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

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

PROJECT

PRAIRIE SONG
RELIABILITY PROJECT

DRAWING TITLE

BESS YARD
UTILITY ROAD CROSSING
DETAIL

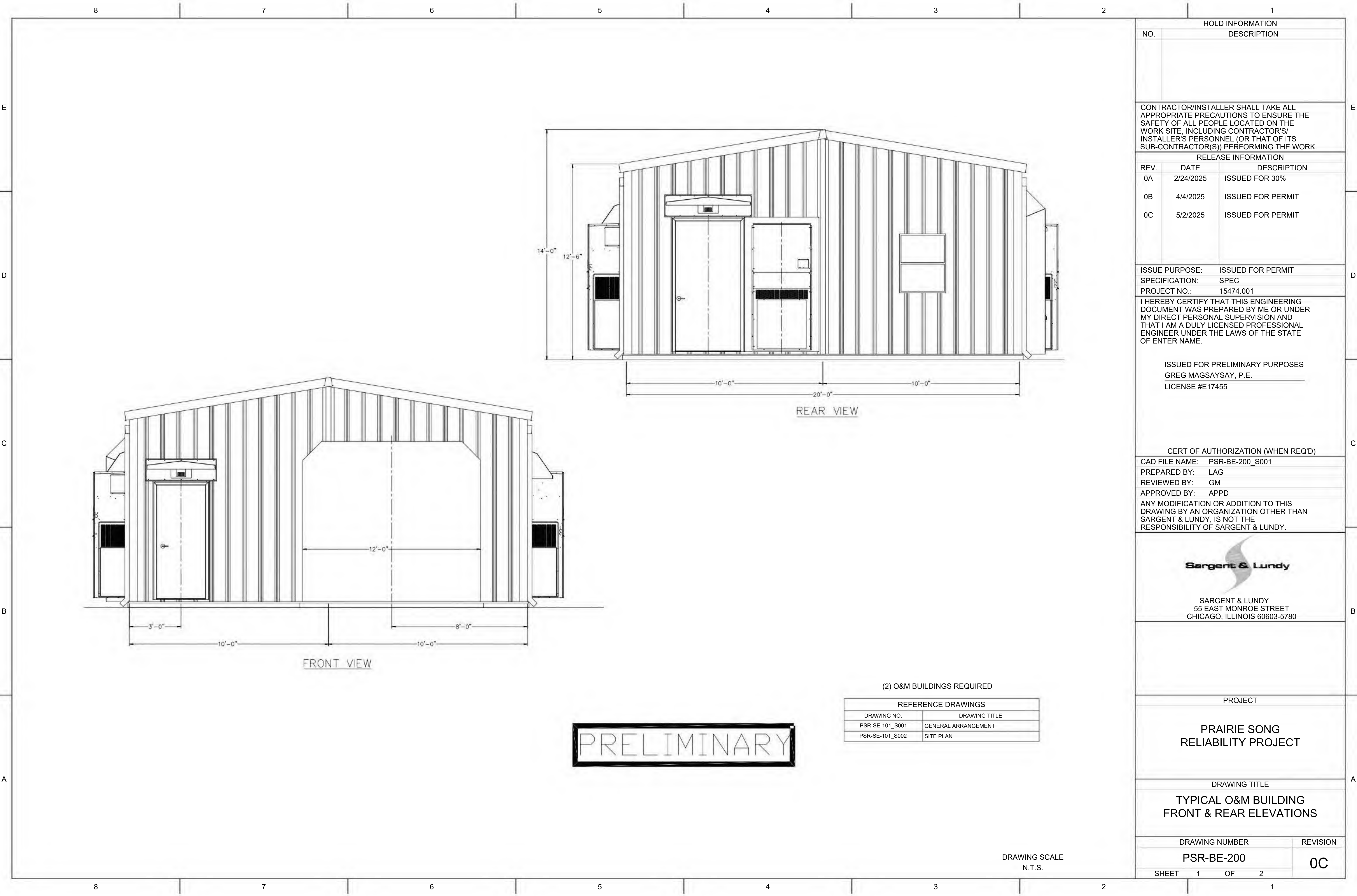
DRAWING NUMBER

PSR-BE-102

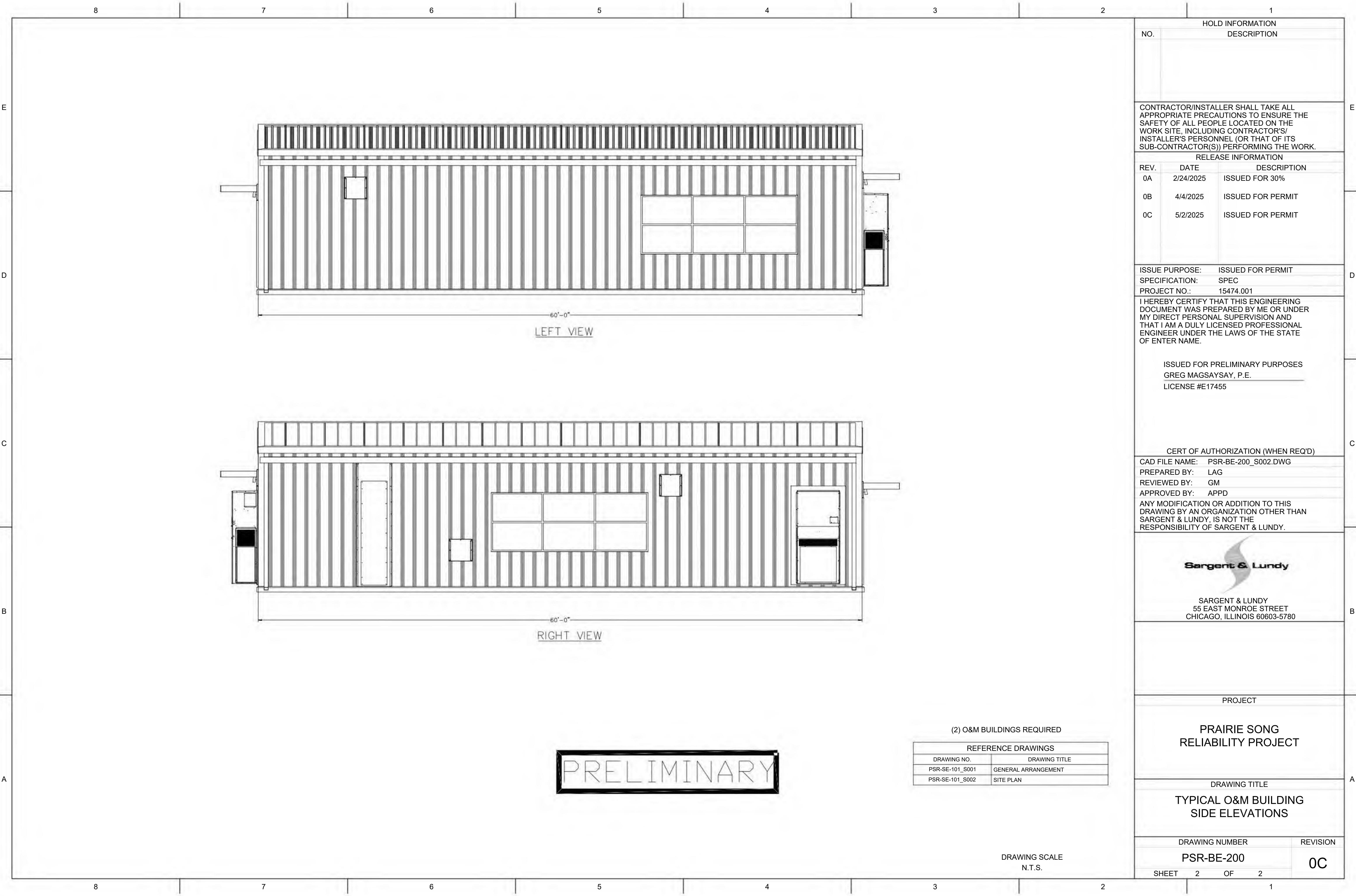
REVISION

0A

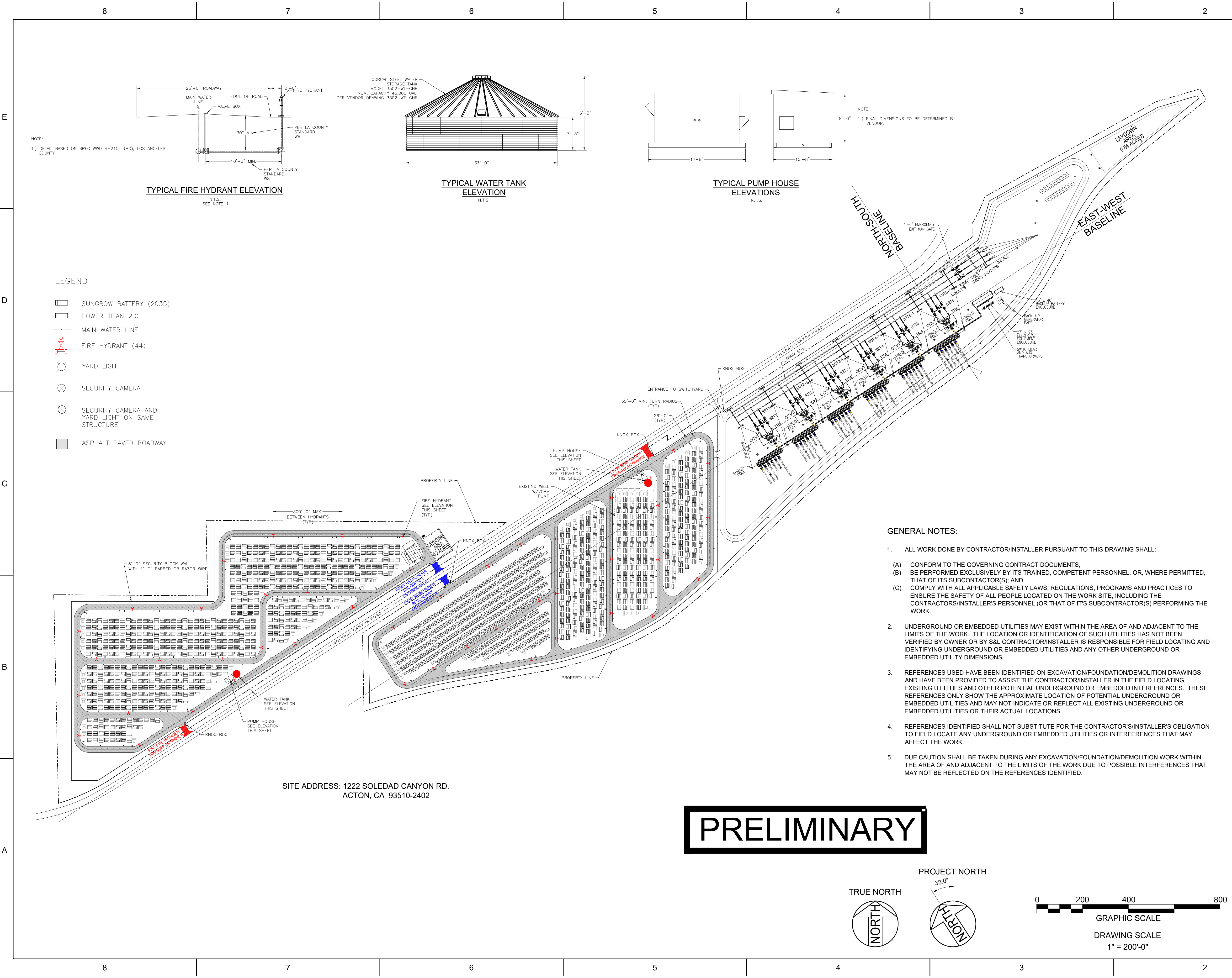
SHEET 1 OF 1



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	2/24/2025	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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
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	



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.		
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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		REVISION
PSR-BE-200		0C
SHEET	2 OF 2	



NOTE:
1.) DETAIL BASED ON SPEC WWD 4-2154 (PC), LOS ANGELES COUNTY

TYPICAL FIRE HYDRANT ELEVATION

N.T.S.
SEE NOTE 1

TYPICAL WATER TANK ELEVATION

N.T.S.

TYPICAL PUMP HOUSE ELEVATIONS

N.T.S.

NOTE:
1.) FINAL DIMENSIONS TO BE DETERMINED BY VENDOR.

LEGEND

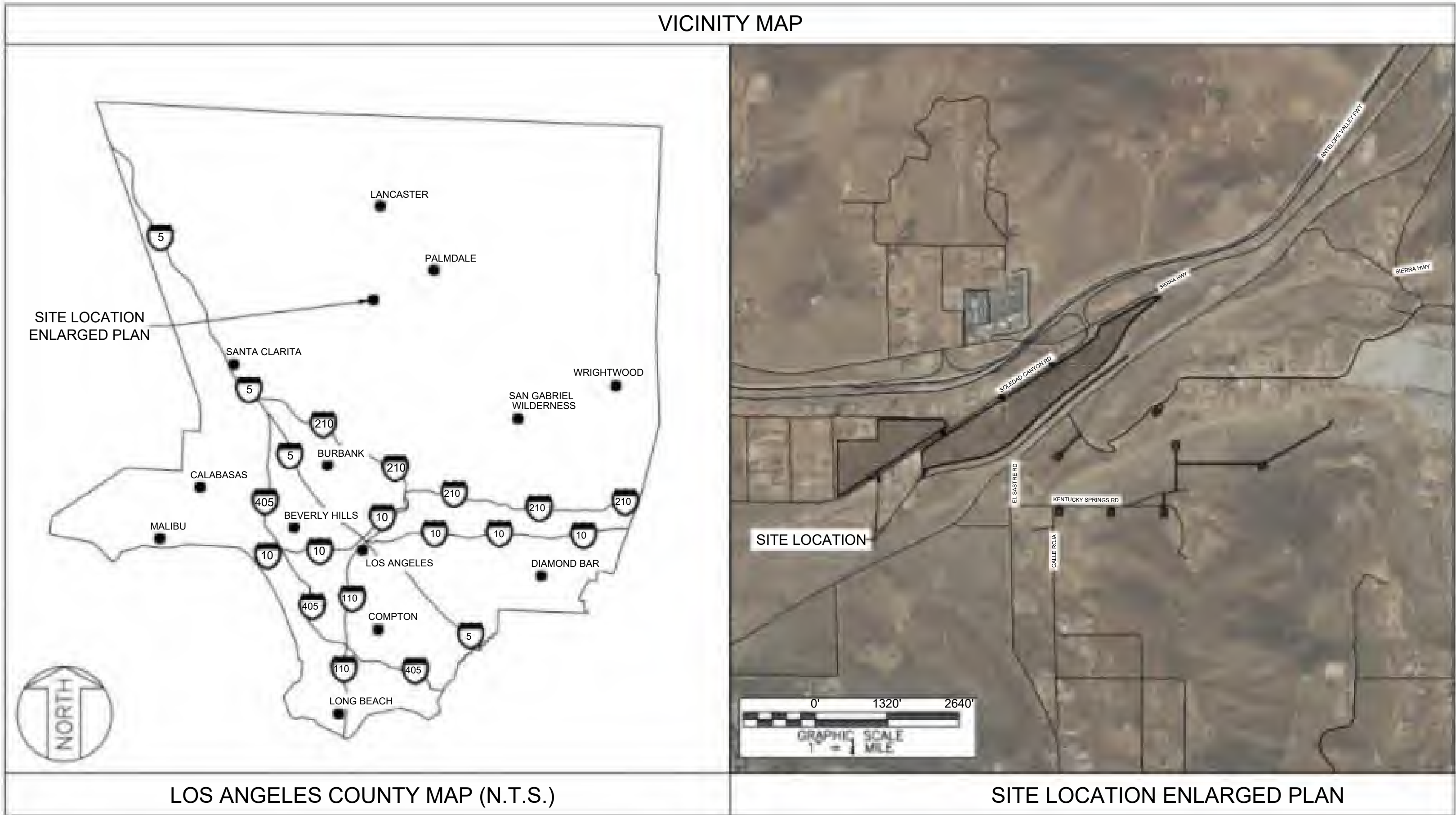
- SUNGROW BATTERY (2035)
- POWER TITAN 2.0
- MAIN WATER LINE
- FIRE HYDRANT (44)
- YARD LIGHT
- SECURITY CAMERA
- SECURITY CAMERA AND YARD LIGHT ON SAME STRUCTURE
- ASPHALT PAVED ROADWAY

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); AND
 - COMPLY WITH ALL APPLICABLE SAFETY LAWS, REGULATIONS, PROGRAMS AND PRACTICES TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING THE CONTRACTORS/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.

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



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 CONTRACTOR'S/ INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING THE WORK.		
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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 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
COVER SHEET		
DRAWING NUMBER		REVISION
PSR-CS-001		0C
SHEET	1 OF 1	

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

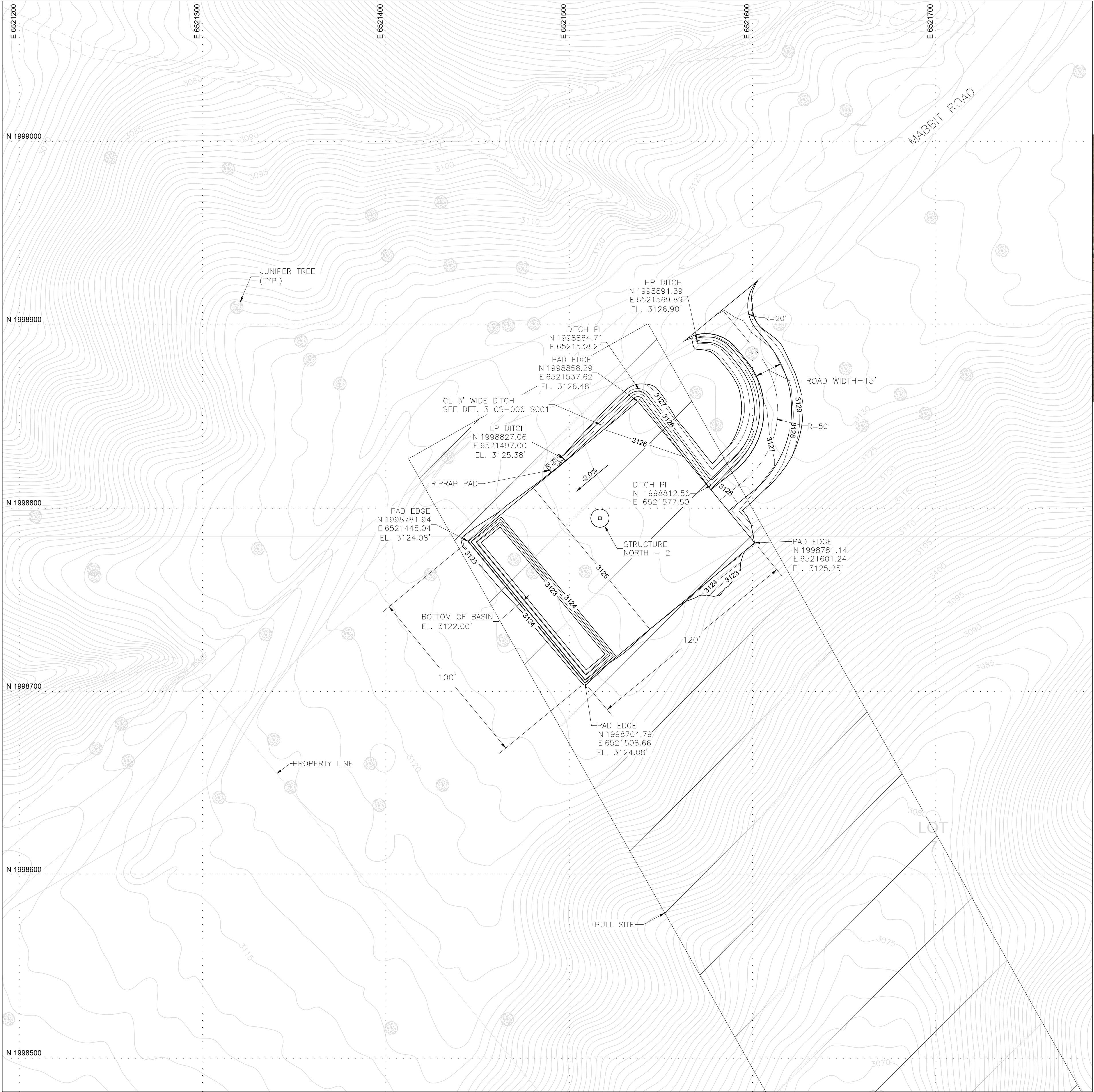
PERMIT ONLY
NOT FOR CONSTRUCTION

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

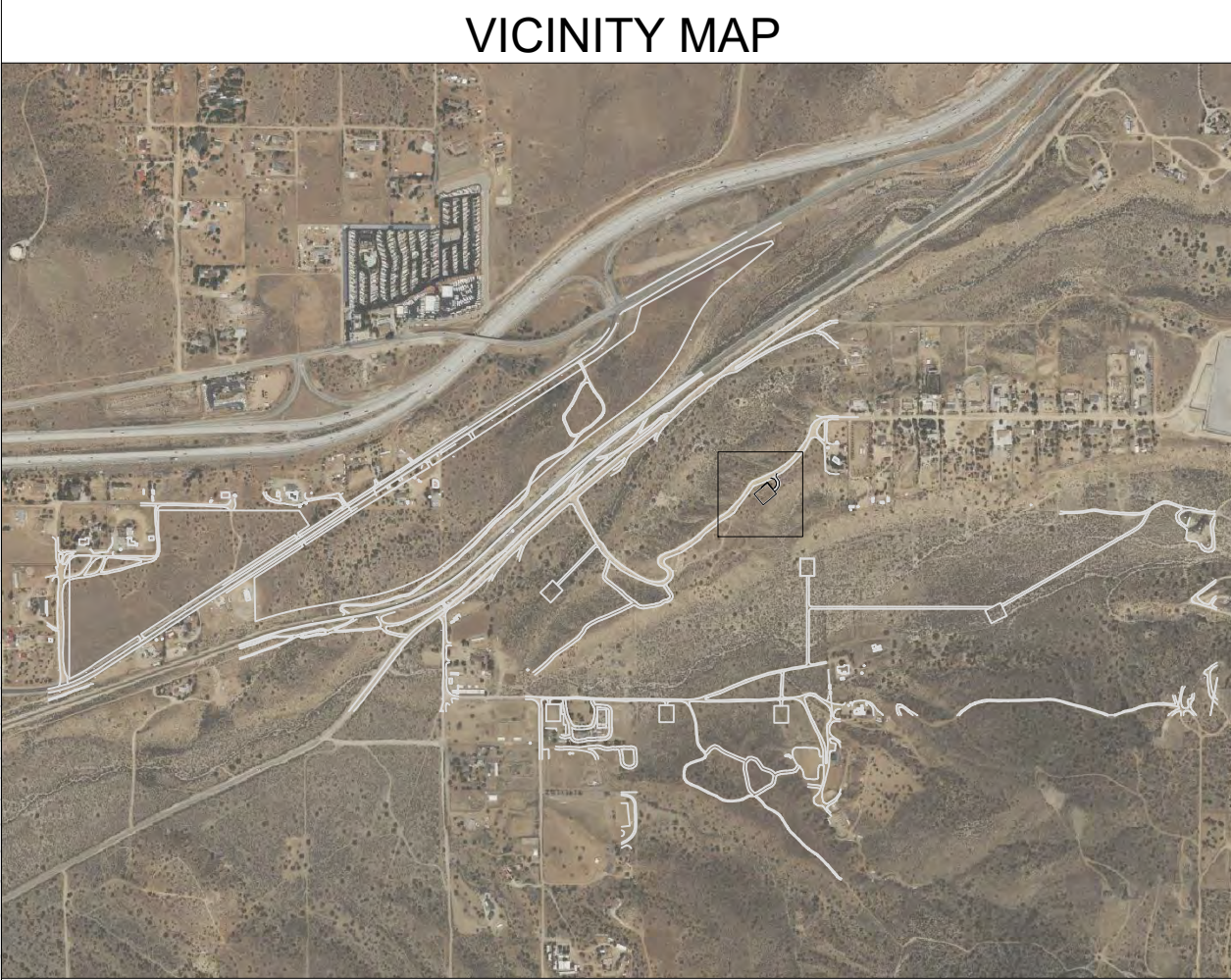
8	7	6	5	4	3	2	1															
GENERAL NOTES		ABBREVIATIONS		SYMBOLS		HOLD INFORMATION																
OWNERS OF RECORD: OWNER OF PROJECT: PRAIRIE SONG RELIABILITY PROJECT LLC OWNER OF PROJECT ADDRESS: OWNER OF PROJECT CONTACT NUMBER: OWNER OF LAND: OWNER OF LAND ADDRESS: OWNER OF LAND CONTACT NUMBER: ENGINEER: SARGENT AND LUNDY: 55 E. MONROE, CHICAGO, IL 60603		ROAD AND GRADING T/RD TOP OF ROAD ELEVATION EL OR ELEV GRADE ELEVATION INV INVERT ELEVATION HP HIGH POINT LP LOW POINT HPFS HIGH POINT FINISH SURFACING BC BEGINNING OF CURVE (HORIZONTAL CURVE) EC END OF CURVE (HORIZONTAL CURVE) PI POINT OF INTERSECTION (HORIZONTAL CURVE) PT POINT OF TANGENT PC POINT OF CURVE STA STATION VC VERTICAL CURVE BVC BEGINNING OF VERTICAL CURVE EVC END OF VERTICAL CURVE PIVC POINT OF INTERSECTION OF VERT. CURVE PRC POINT OF REVERSE CURVE PCC POINT OF COMPOUND CURVE R RADIUS T TANGENT L LENGTH OF CURVE D DEGREE OF CURVE I INTERIOR/DEFLECTION ANGLE OF CURVE UN UNLESS NOTED ROW RIGHT OF WAY OHL OVERHEAD LINE OC ON CENTER WL WATER LEVEL HWL HIGH WATER LEVEL YR YEAR DS DOWNSTREAM US UPSTREAM CL CENTERLINE AC ACRE N.T.S. NOT TO SCALE LWL LOW WATER LEVEL		PROPERTY LINE EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR MAJOR CONTOUR EXISTING MINOR CONTOUR FENCE SILT FENCE TRENCH CUT/FILL SLOPE SURFACE SLOPE W/ SLOPE PERCENTAGE ROAD STONE SURFACING YARD STONE SURFACING RETAINING WALL CATCH BASIN MANHOLE STORM PIPE STRAW BALE INLET PROTECTION		NO. DESCRIPTION 1 UTILITY SERVICES TO BE CONFIRMED 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-002.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.																
UTILITY COMPANIES SERVING THE PROJECT: UTILITY FOR ELECTRIC SUPPLY: SOUTHERN CALIFORNIA EDISON UTILITY FOR ELECTRIC SUPPLY ADDRESS: UTILITY FOR ELECTRIC SUPPLY CONTACT NUMBER: WATER SUPPLY: WELL WATER SUPPLY ADDRESS: N/A WATER SUPPLY CONTACT NUMBER: N/A SEWAGE DISPOSAL: NA (SEPTIC SYSTEM) TELEPHONE AND CABLE: TELEPHONE AND CABLE ADDRESS: NATURAL GAS: NA						HOLD 1																
ASSESSOR'S PARCEL NUMBER: PROJECT AREA PARCELS:																						
LEGAL DESCRIPTION: THE LEGAL DESCRIPTIONS OF PARCELS ARE INCLUDED IN PRELIMINARY TITLE REPORT. A LEASE OPTION HAS BEEN EXECUTED WITH LANDOWNER WHICH INCLUDES ACCESS RIGHTS AND A MEMORANDUM HAS BEEN PROVIDED.																						
GENERAL PLAN LAND USE:																						
<table><tr><td>AREA WITHIN 100 FEET</td><td>GENERAL PLAN USE DESIGNATION</td><td>ZONING</td></tr><tr><td>NORTH</td><td>RL2 - RURAL LAND 2</td><td>A-1-2, LIGHT AGRICULTURAL</td></tr><tr><td>SOUTH</td><td>RL5 - RURAL LAND 5</td><td>A-2-2, HEAVY AGRICULTURAL</td></tr><tr><td>EAST</td><td>RL2 - RURAL LAND 2</td><td>A-1-2, LIGHT AGRICULTURAL</td></tr><tr><td>WEST</td><td>RL2 - RURAL LAND 2</td><td>A-1-2, LIGHT AGRICULTURAL</td></tr></table>		AREA WITHIN 100 FEET	GENERAL PLAN USE DESIGNATION	ZONING	NORTH	RL2 - RURAL LAND 2	A-1-2, LIGHT AGRICULTURAL	SOUTH	RL5 - RURAL LAND 5	A-2-2, HEAVY AGRICULTURAL	EAST	RL2 - RURAL LAND 2	A-1-2, LIGHT AGRICULTURAL	WEST	RL2 - RURAL LAND 2	A-1-2, LIGHT AGRICULTURAL						
AREA WITHIN 100 FEET	GENERAL PLAN USE DESIGNATION	ZONING																				
NORTH	RL2 - RURAL LAND 2	A-1-2, LIGHT AGRICULTURAL																				
SOUTH	RL5 - RURAL LAND 5	A-2-2, HEAVY AGRICULTURAL																				
EAST	RL2 - RURAL LAND 2	A-1-2, LIGHT AGRICULTURAL																				
WEST	RL2 - RURAL LAND 2	A-1-2, LIGHT AGRICULTURAL																				
TRANSPORTATION PLAN REQUIREMENTS: THE CONTRACTOR SHALL DEVELOP A TRANSPORTATION PLAN THAT ADDRESSES ANY OFFSITE ROAD IMPROVEMENTS THAT ARE REQUIRED FOR CONSTRUCTION TO ENSURE THAT ALL MATERIALS AND EQUIPMENT CAN BE SAFELY DELIVERED TO THE PROJECT SITE. THE PLAN SHALL CONTAIN ITEMS INCLUDING BUT NOT LIMITED TO ROAD WIDTH IMPROVEMENTS, STABILITY AND SURFACING. THE PLAN SHALL BE SUBMITTED TO PRAIRIE SONG RELIABILITY PROJECT LLC FOR REVIEW AND APPROVAL.		SEWERS AND UNDERGROUND PIPE CB CATCH BASIN CO CLEANOUT MH MANHOLE RE RIM ELEVATION CL CENTERLINE S SLOPE BOP BOTTOM OF PIPE PVC POLY VINYL CHLORIDE PIPE HDPE HIGH DENSITY POLYETHYLENE PIPE RCP REINFORCED CONCRETE PIPE CMP CORRUGATED METAL PIPE CHDPE CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CISP CAST IRON SOIL PIPE DIWP DUCTILE IRON WATER PIPE STL CARBON STEEL PIPE IP IN PLACE SWS STORM WATER SEWER OWS OILY WATER SEWER SAN SANITARY SEWER PWS PROCESS WASTE SEWER C.S. CARBON STEEL																				
SAFETY NOTES 1. ALL WORK DONE BY CONTRACTOR/INSTALLER PURSUANT TO THIS DRAWING SHALL: (A) CONFORM TO THE GOVERNING CONTRACT DOCUMENTS; (B) BE PERFORMED EXCLUSIVELY BY ITS TRAINED, COMPETENT PERSONNEL OR, WHERE PERMITTED, THAT OF ITS SUBCONTRACTOR(S); AND (C) 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. 2. 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. 3. 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 APPROXIMATLOCATION OF POTENTIAL UNDERGROUND OR EMBEDDED UTILITIES AND MAY NOT INDICATE OR REFLECT ALL EXISTING UNDERGROUND OR EMBEDDED UTILITIES OR THEIR ACTUAL LOCATIONS. 4. 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. 5. 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.																						
						PERMIT ONLY NOT FOR CONSTRUCTION																
						PROJECT PRAIRIE SONG RELIABILITY PROJECT DRAWING TITLE GENERAL NOTES DRAWING NUMBER REVISION PSR-CS-002 0C SHEET 1 OF 1																

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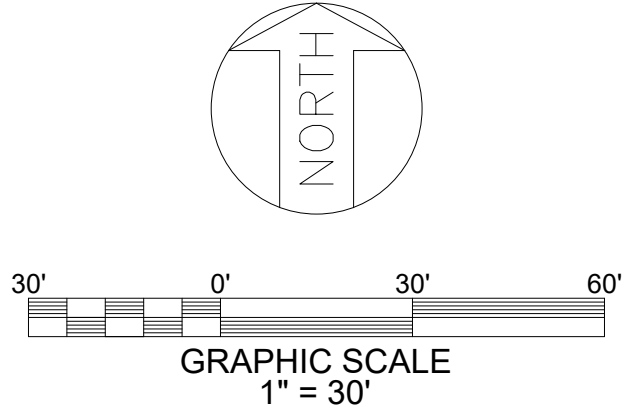
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Form GGG-0401-01-09, ANSI (Imperial) MicroStation Border - Size D - 22 x 34
Revision 11A, Revision Date: 04-30-2010



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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.

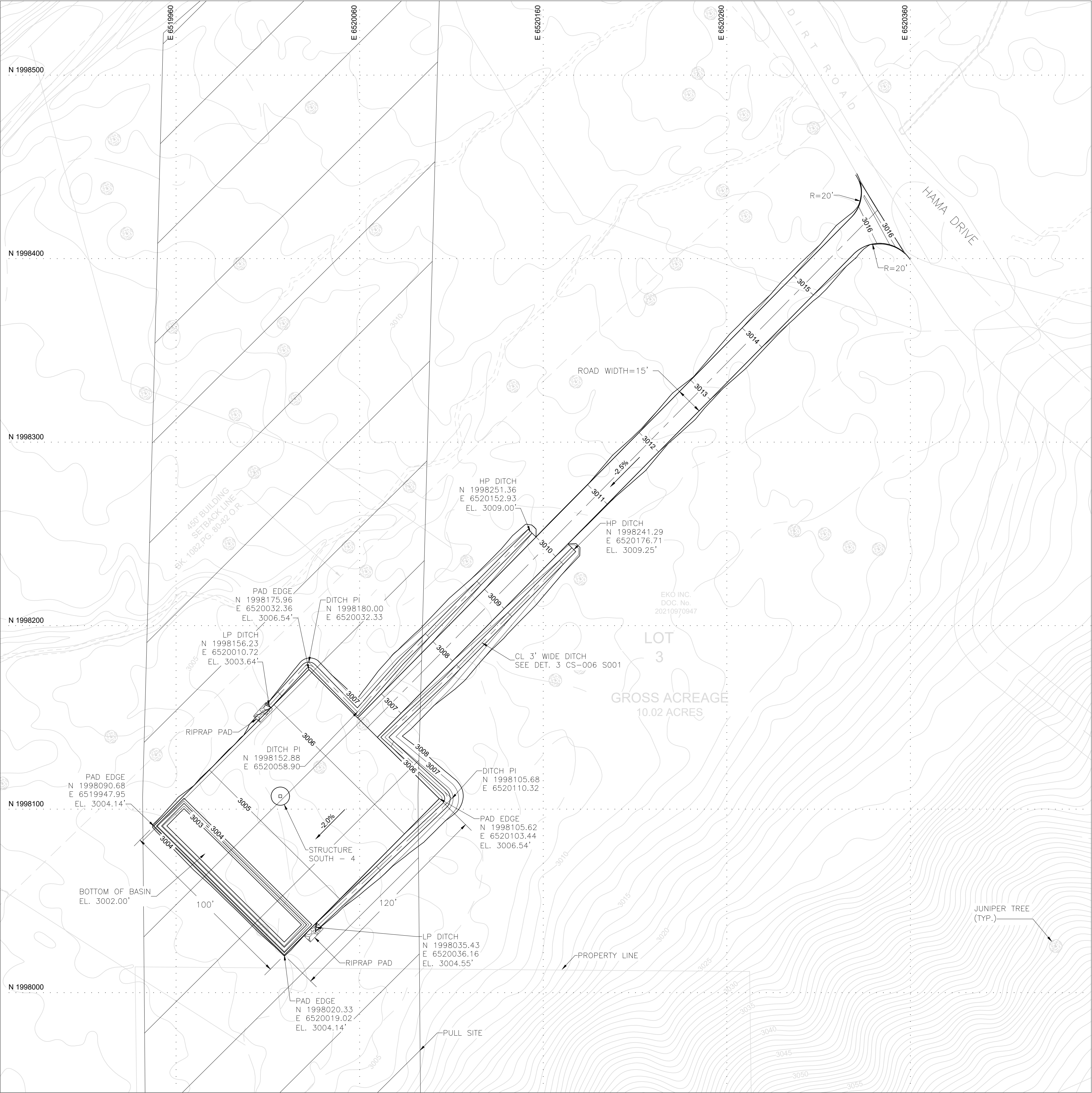
REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

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

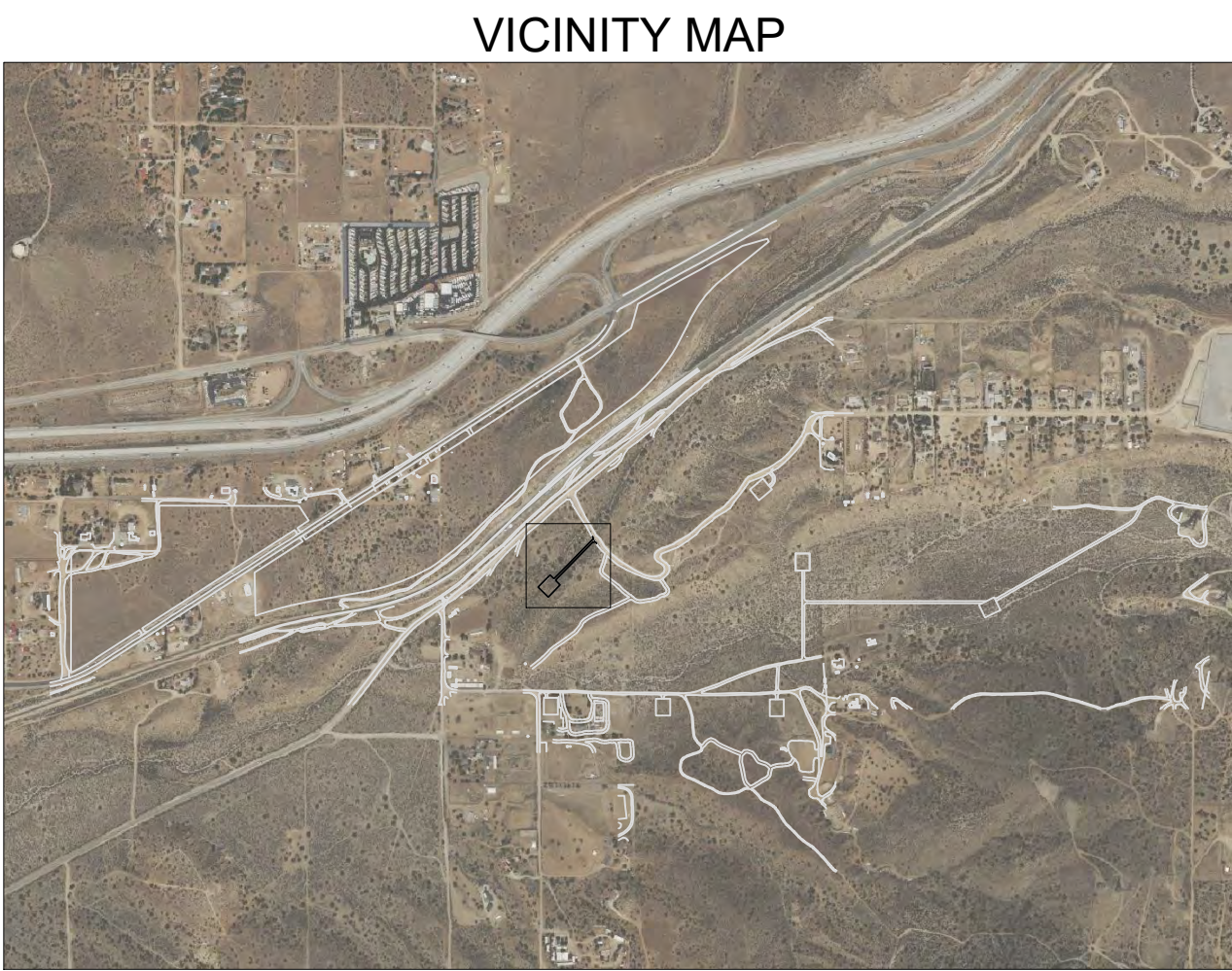
HOLD INFORMATION		
NO.	DESCRIPTION	
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RELEASE INFORMATION		
REV.	DATE	DESCRIPTION
0A	2/14/2025	ISSUED FOR 30%
0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		-
PROJECT NO.:		15474.001
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ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 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		
GEN-TIE GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S001		0C
SHEET	1 OF 1	

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

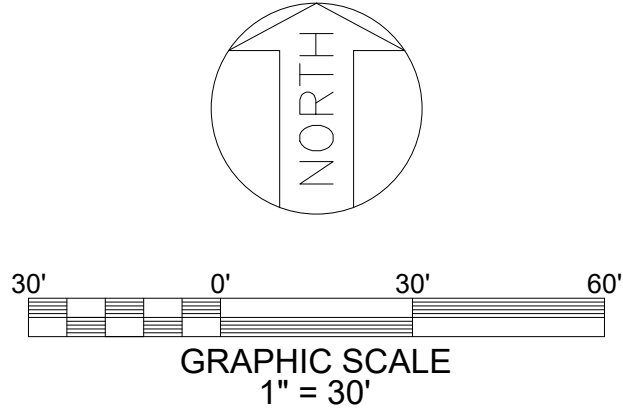
\$PINFO1\$
Form GDG-0401-01-09, ANSI (Imperial) MicroStation Border - Size D - 22 x 34
Revision 11A, Revision Date: 04-30-2010



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VICINITY MAP



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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

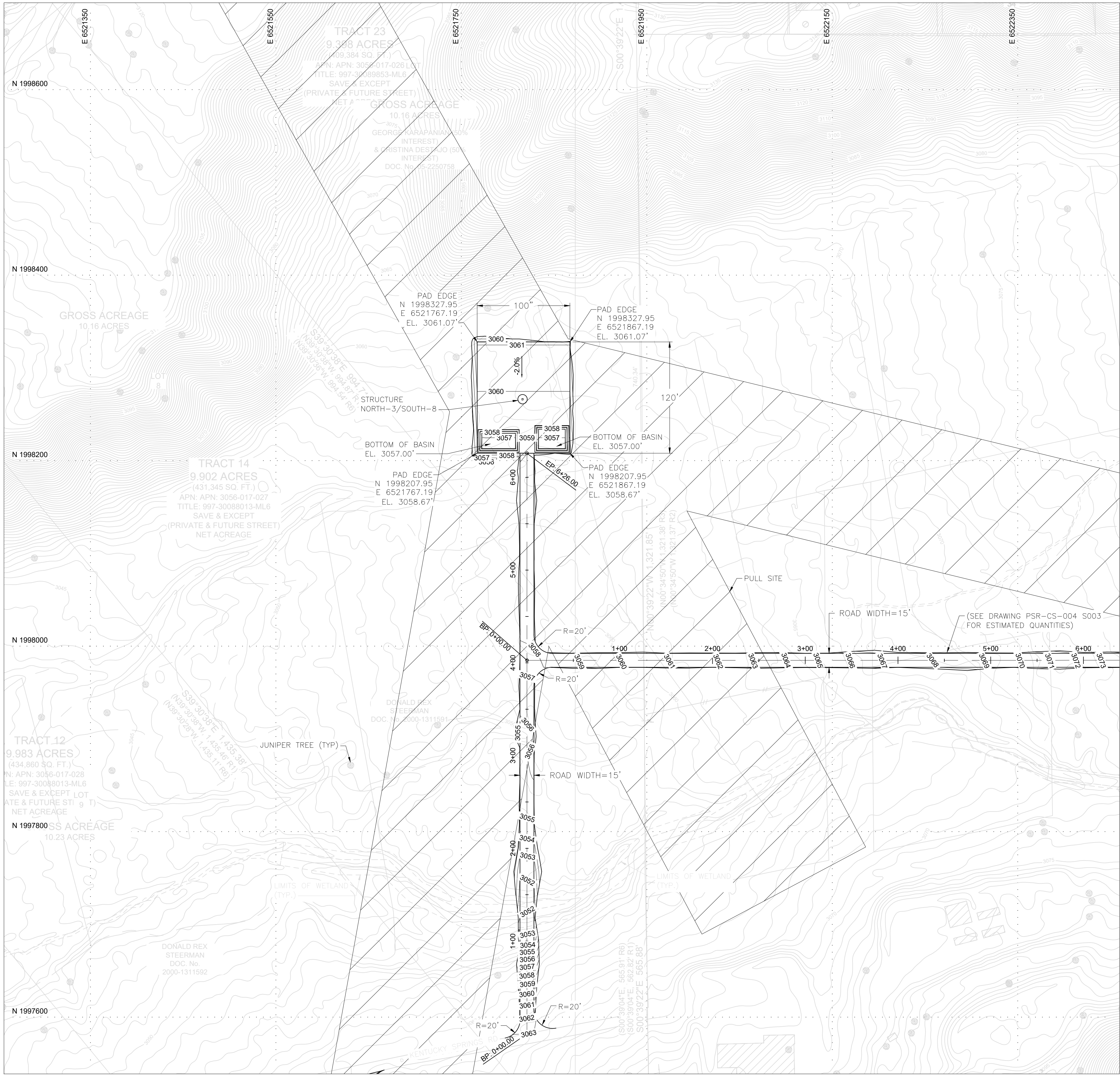
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THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

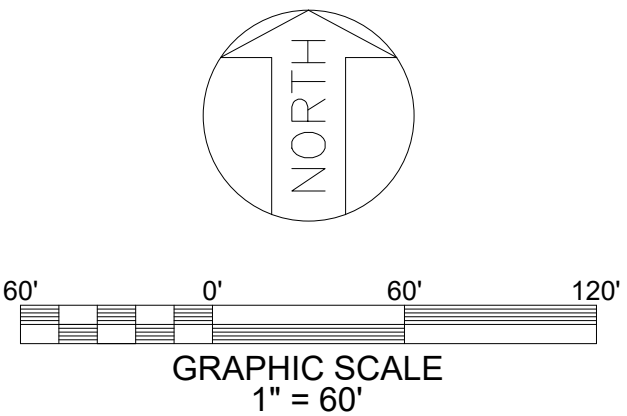
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SPECIFICATION:		-
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ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S002.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
ANY MODIFICATION 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	



DWG. PSR-CS-004 S004

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VICINITY MAP



NOTES

- | | |
|----|--|
| 1. | <p>GEOTECHNICAL ENGINEERING REPORT PREPARED BY:</p> <p>TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.</p> |
| 2. | <p>FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.</p> |
| 3. | <p>ESTIMATED PAD QUANTITIES</p> <p>CUT: 50 CY</p> <p>FILL: 760 CY</p> <p>12" TOPSOIL STRIP: 1520 SY</p> <p>NET: 710 CY FILL</p> |
| 4. | <p>ESTIMATED ACCESS ROAD QUANTITIES</p> <p>CUT: 180 CY</p> <p>FILL: 100 CY</p> <p>12" TOPSOIL STRIP: 2410 SY</p> <p>NET: 80 CY CUT</p> |

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.

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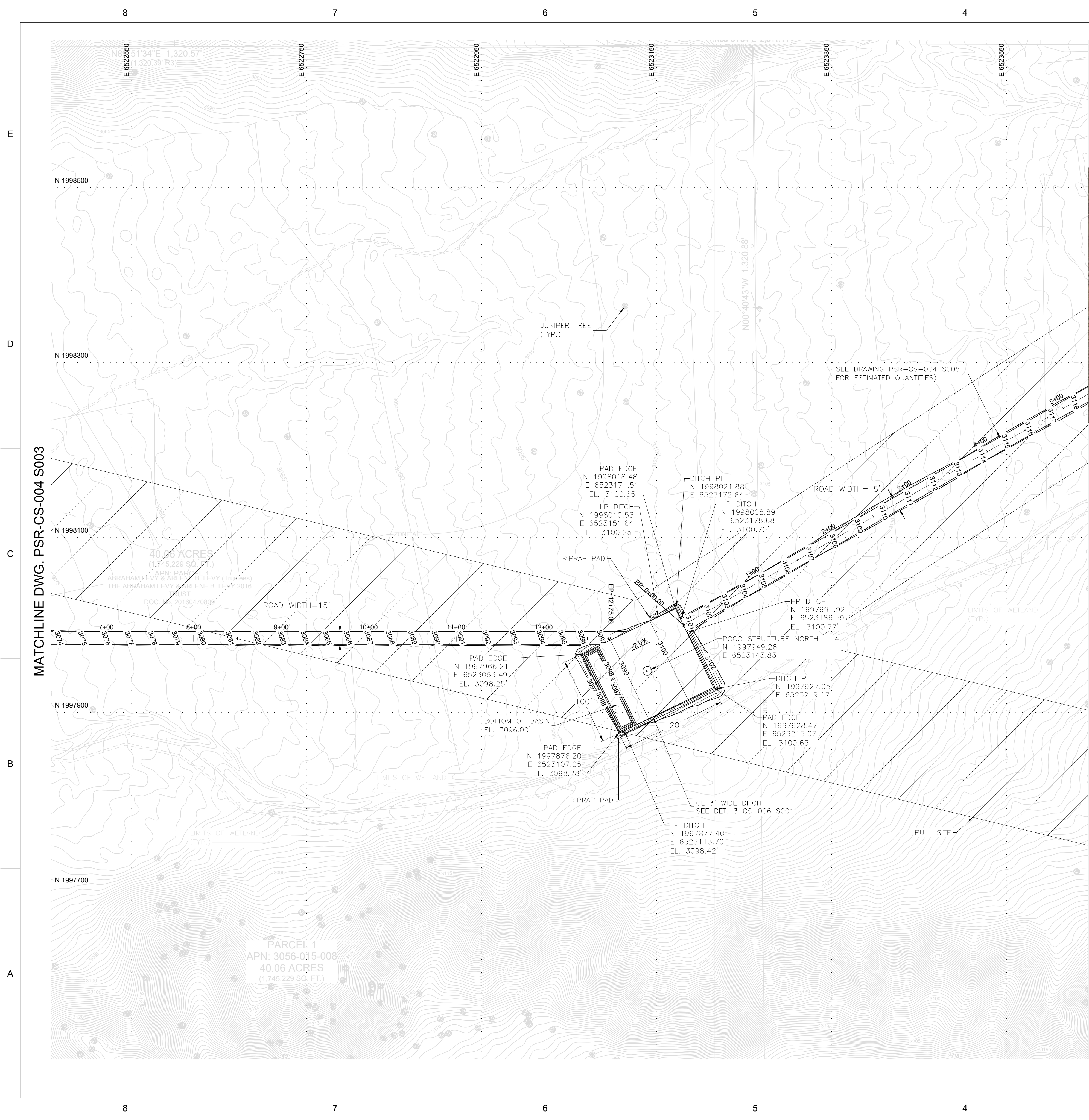
THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

HOLD INFORMATION	
NO.	DESCRIPTION
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RELEASE INFORMATION	
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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.	
 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 S003	0C
SHEET 1 OF 1	

\$FILEABBREV\$

\$TIME\$

\$DATE\$



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VICINITY MAP

MATCHLINE DWG. PSR-CS-004 S003

MATCHLINE DWG. PSR-CS-004 S005

NOTES

REFERENCE DRAWINGS

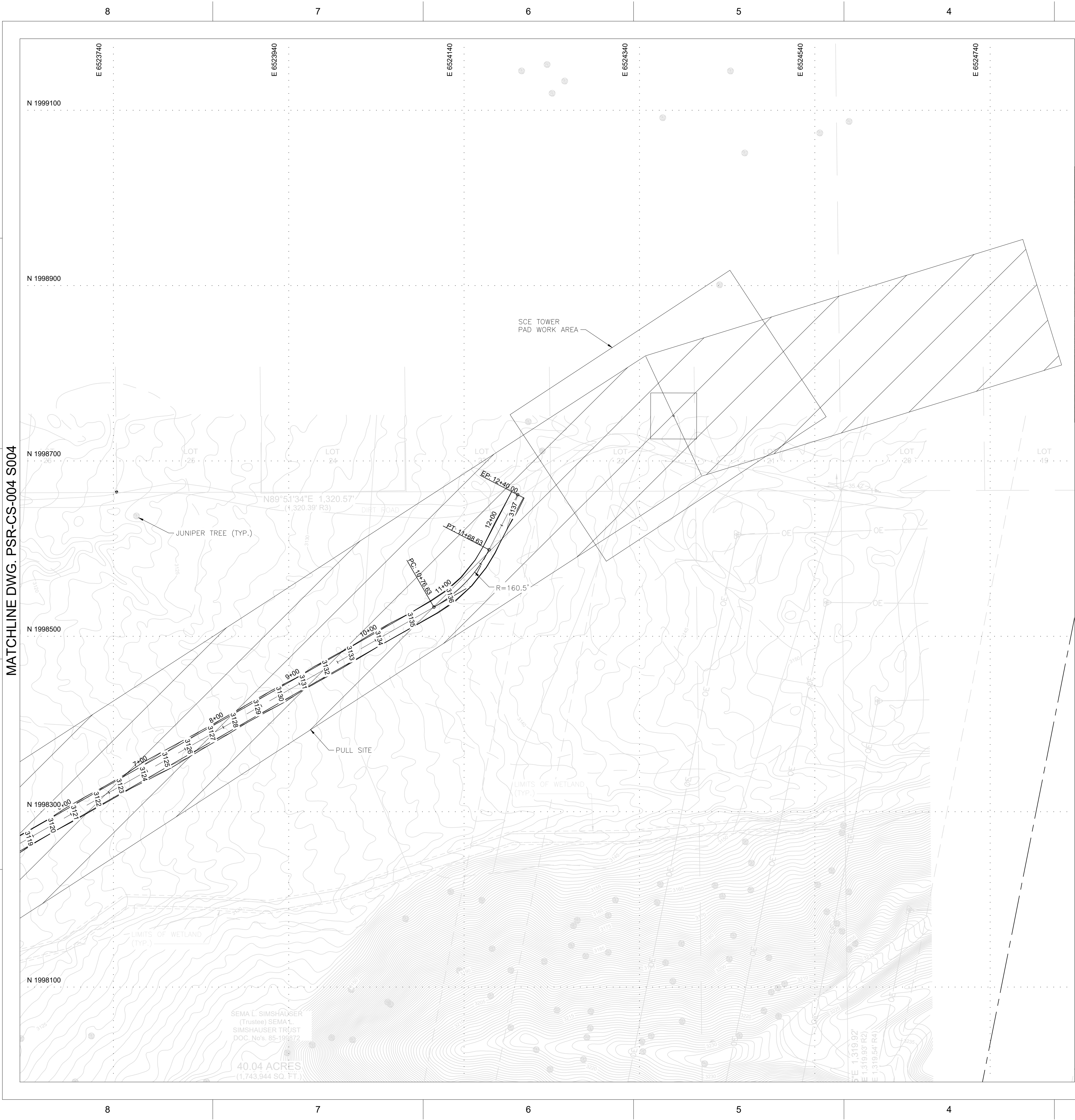
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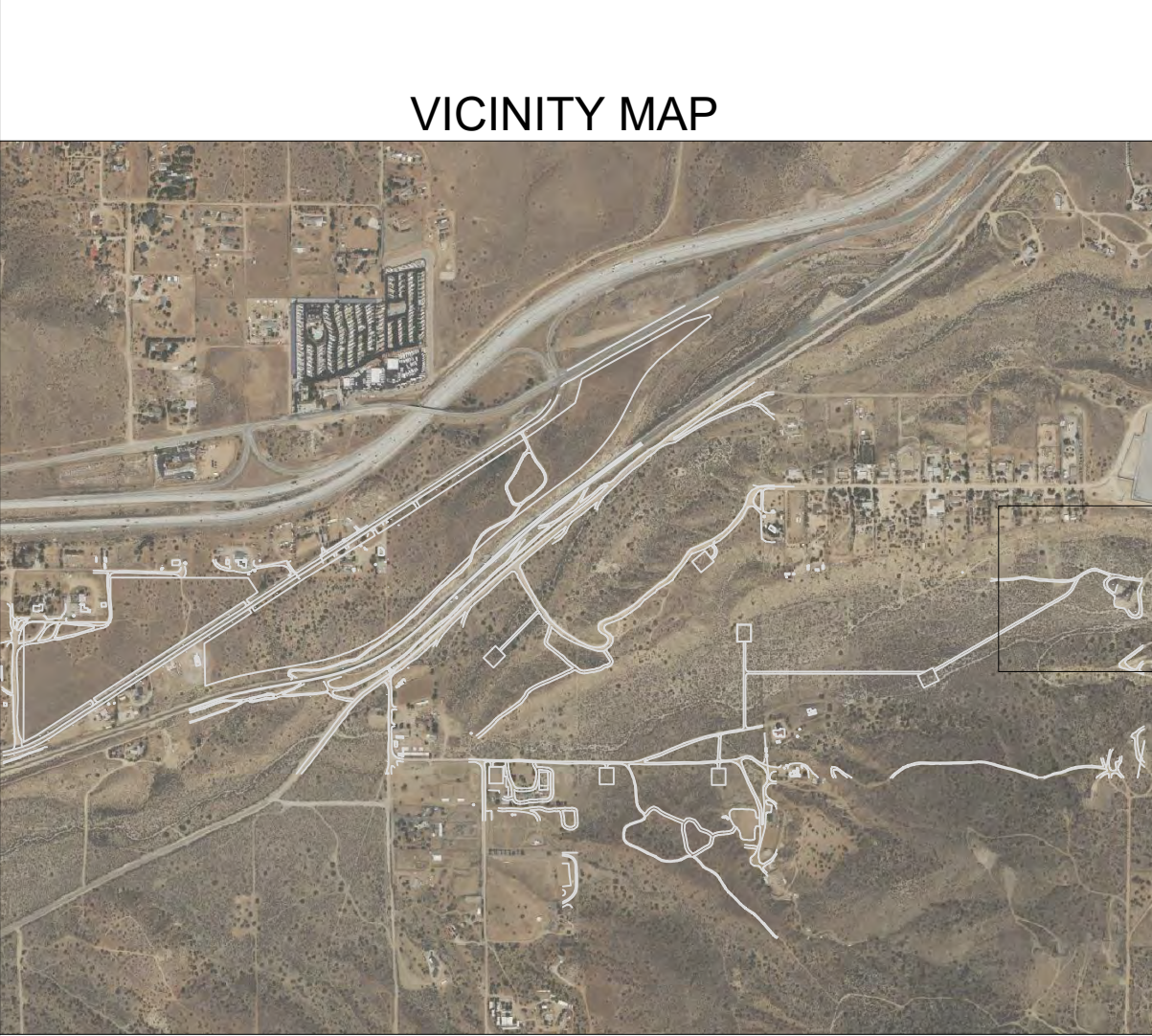
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CAD FILE NAME: PSR-CS-004 S004.DWG			
PREPARED BY: CAF/JN			
REVIEWED BY: JTP			
APPROVED BY: --			
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 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780			
PROJECT			
PRAIRIE SONG RELIABILITY PROJECT			
DRAWING TITLE			
GEN-TIE GRADING AND DRAINAGE PLAN			
DRAWING NUMBER			REVISION
PSR-CS-004 S004			0C
SHEET	1	OF 1	

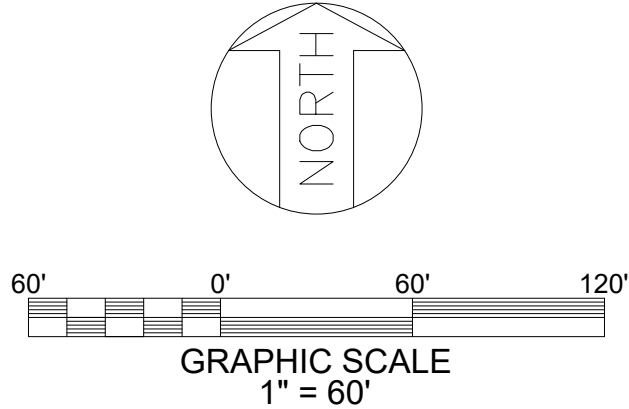
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VICINITY MAP



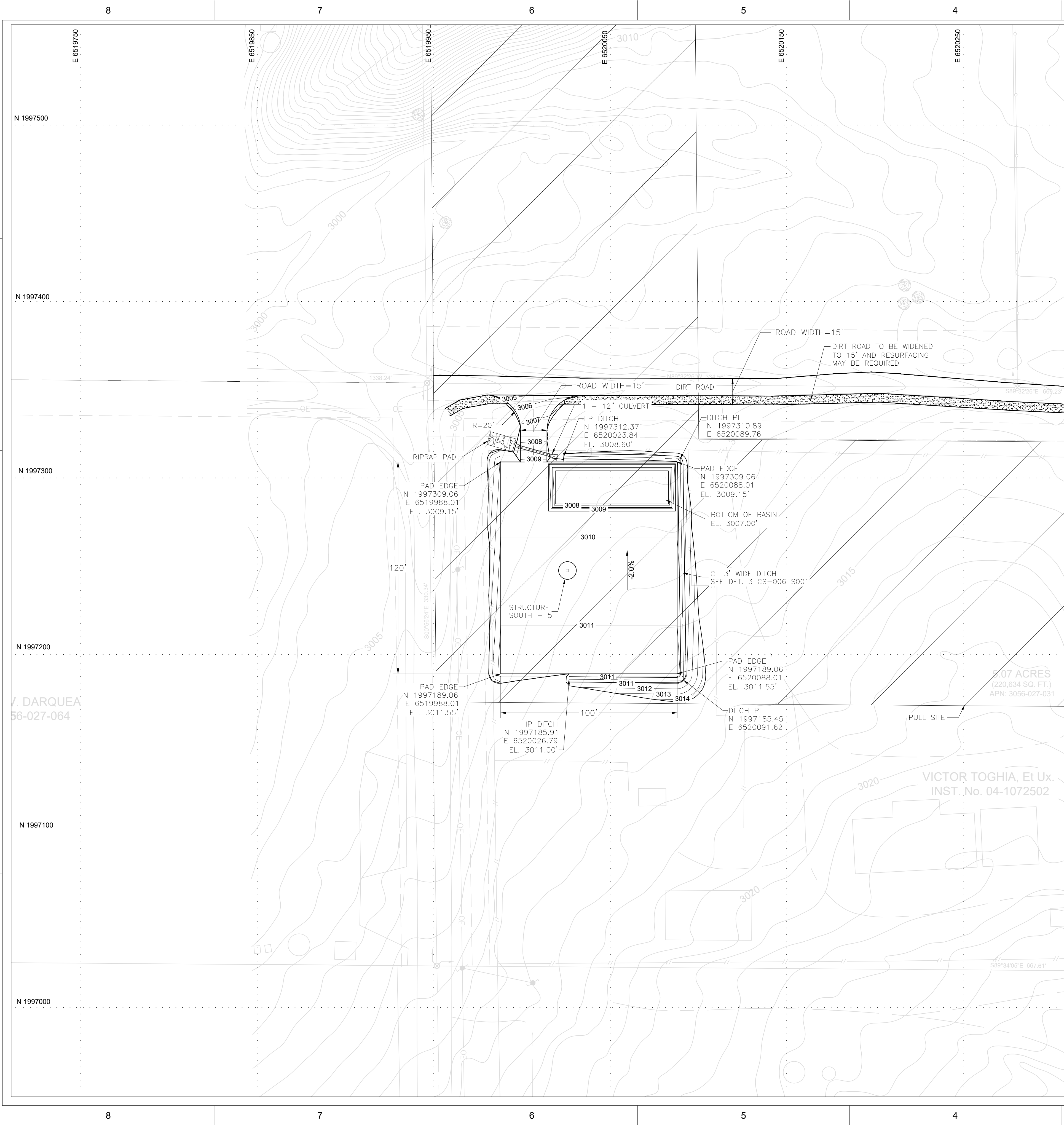
- NOTES**
- GEOTECHNICAL ENGINEERING REPORT PREPARED BY:
TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.
 - FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.
 - ESTIMATED QUANTITIES
CUT: 100 CY
FILL: 260 CY
12" TOPSOIL STRIP: 2410 SY
NET: 160 CY FILL
- REFERENCE DRAWINGS**

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.

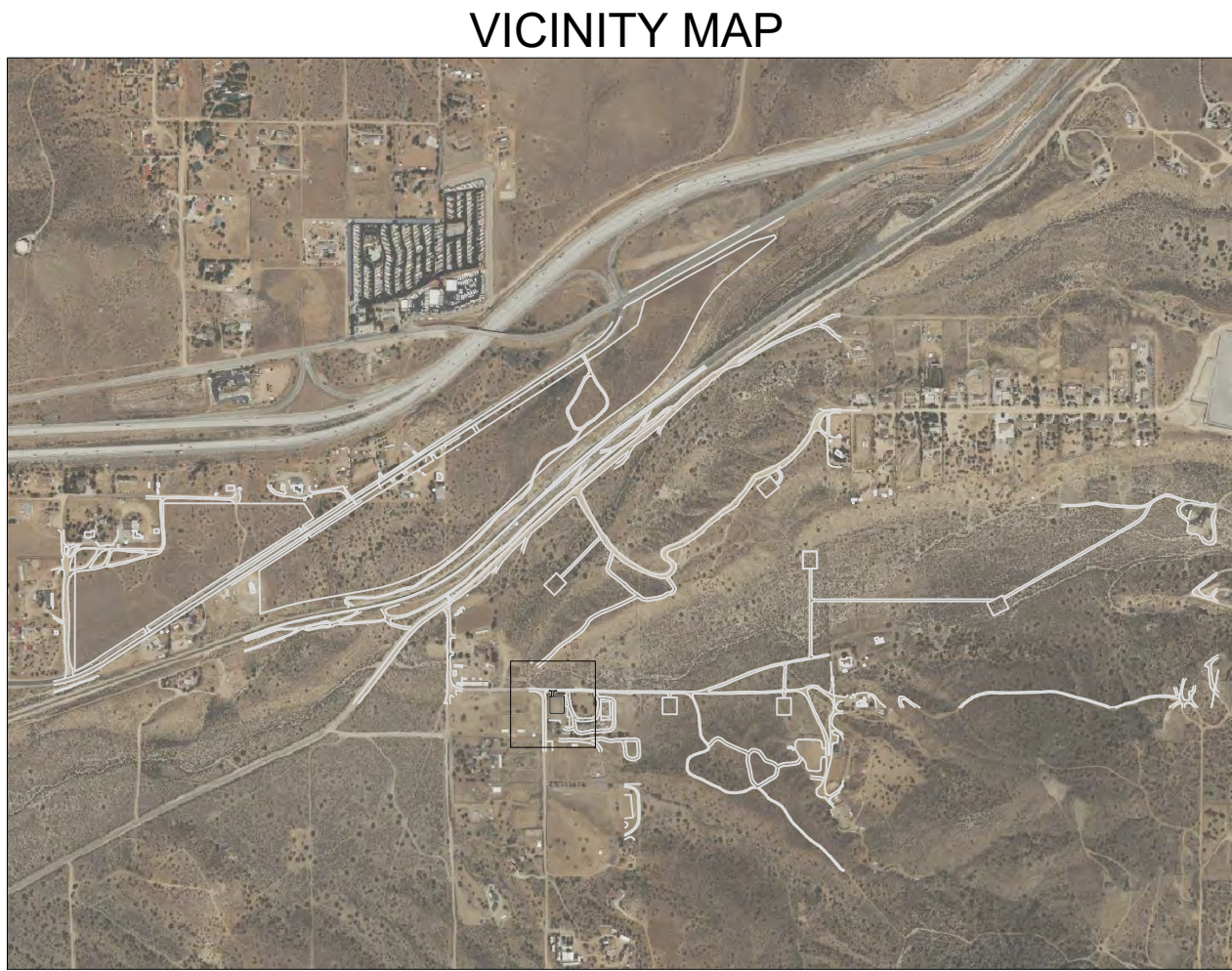
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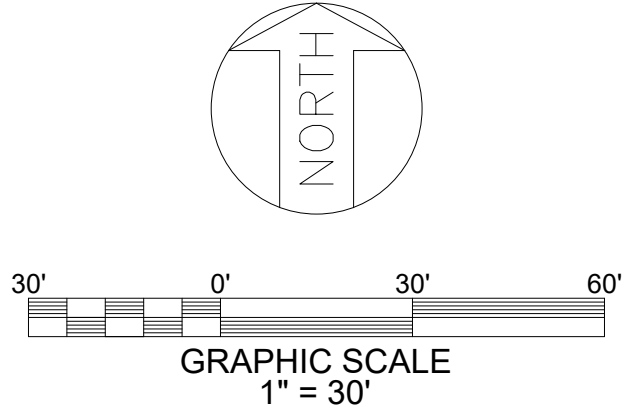
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CAD FILE NAME: PSR-CS-004 S005.DWG		
PREPARED BY: CAF/JN		
REVIEWED BY: JTP		
APPROVED BY: --		
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 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
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GEN-TIE GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S005		0C
SHEET	1 OF 1	



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 - 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

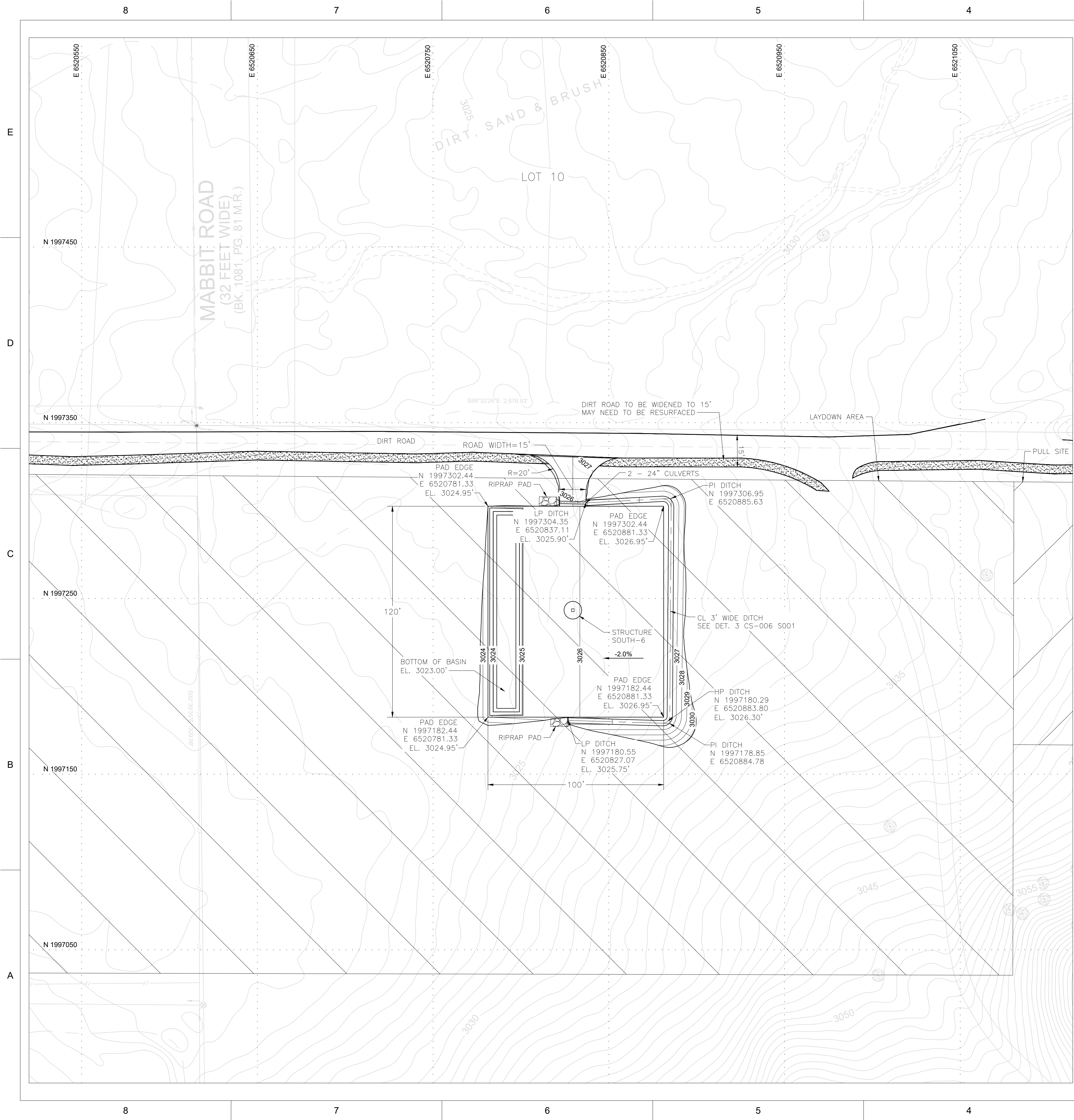
REFERENCE DRAWINGS

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.

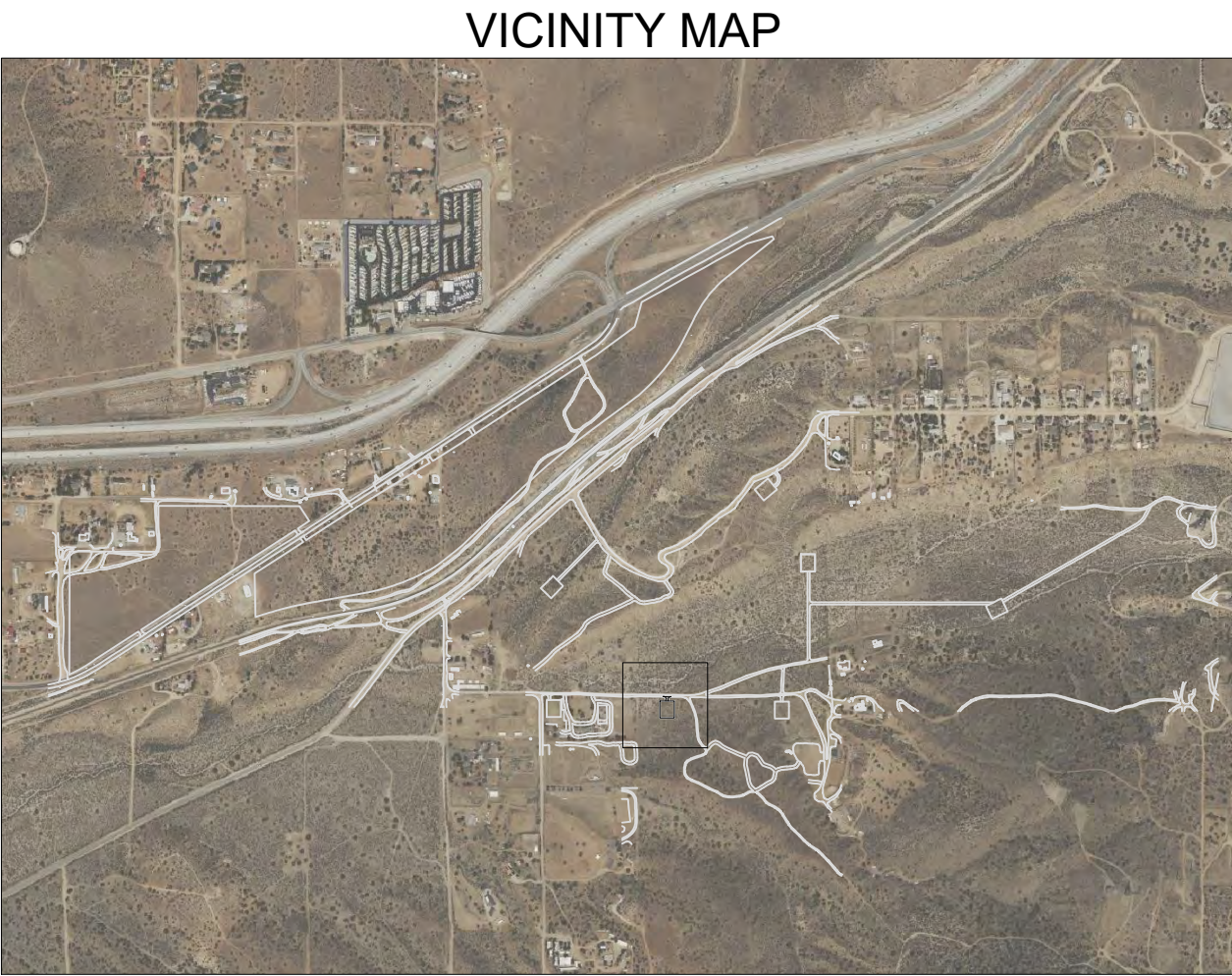
REFERENCES RELATING TO THE UNDERGROUND OR EMBEDDED UTILITIES ARE PROVIDED TO ASSIST THE CONTRACTOR/INSTALLER IN THE FIELD LOCATING THOSE UTILITIES AND OTHER POSSIBLE UNDERGROUND OR EMBEDDED INTERFERENCES WITH THE WORK.

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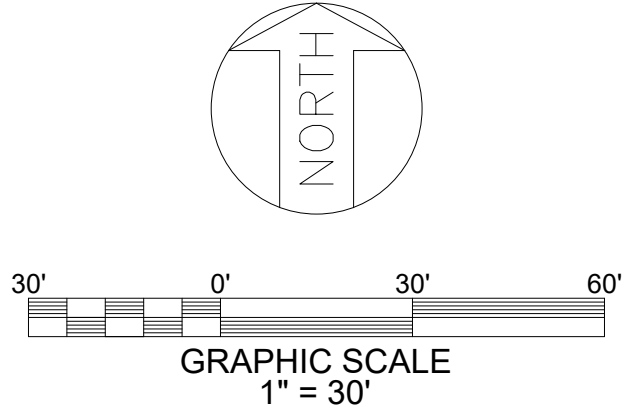
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HOLD INFORMATION			
NO.	DESCRIPTION		
CONTRACTOR/INSTALLER SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO ENSURE THE SAFETY OF ALL PEOPLE LOCATED ON THE WORK SITE, INCLUDING CONTRACTOR'S/INSTALLER'S PERSONNEL (OR THAT OF ITS SUB-CONTRACTOR(S)) PERFORMING 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.			
 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 S006		0C	
SHEET	1 OF 1		



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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

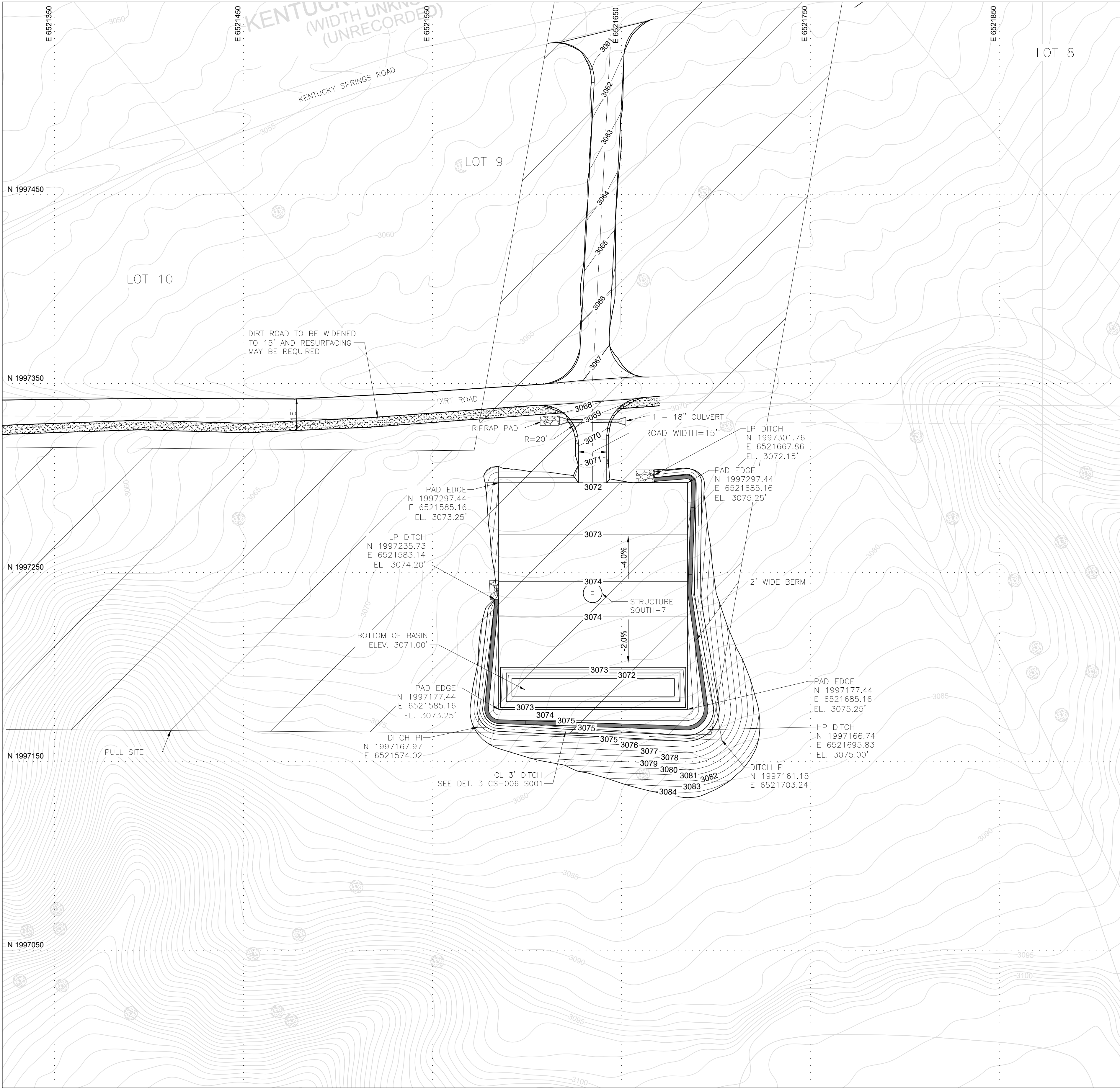
UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO THE AREA IN WHICH EXCAVATION, DEMOLITION, FOUNDATION, OR MODIFICATION WORK IS TO BE PERFORMED.

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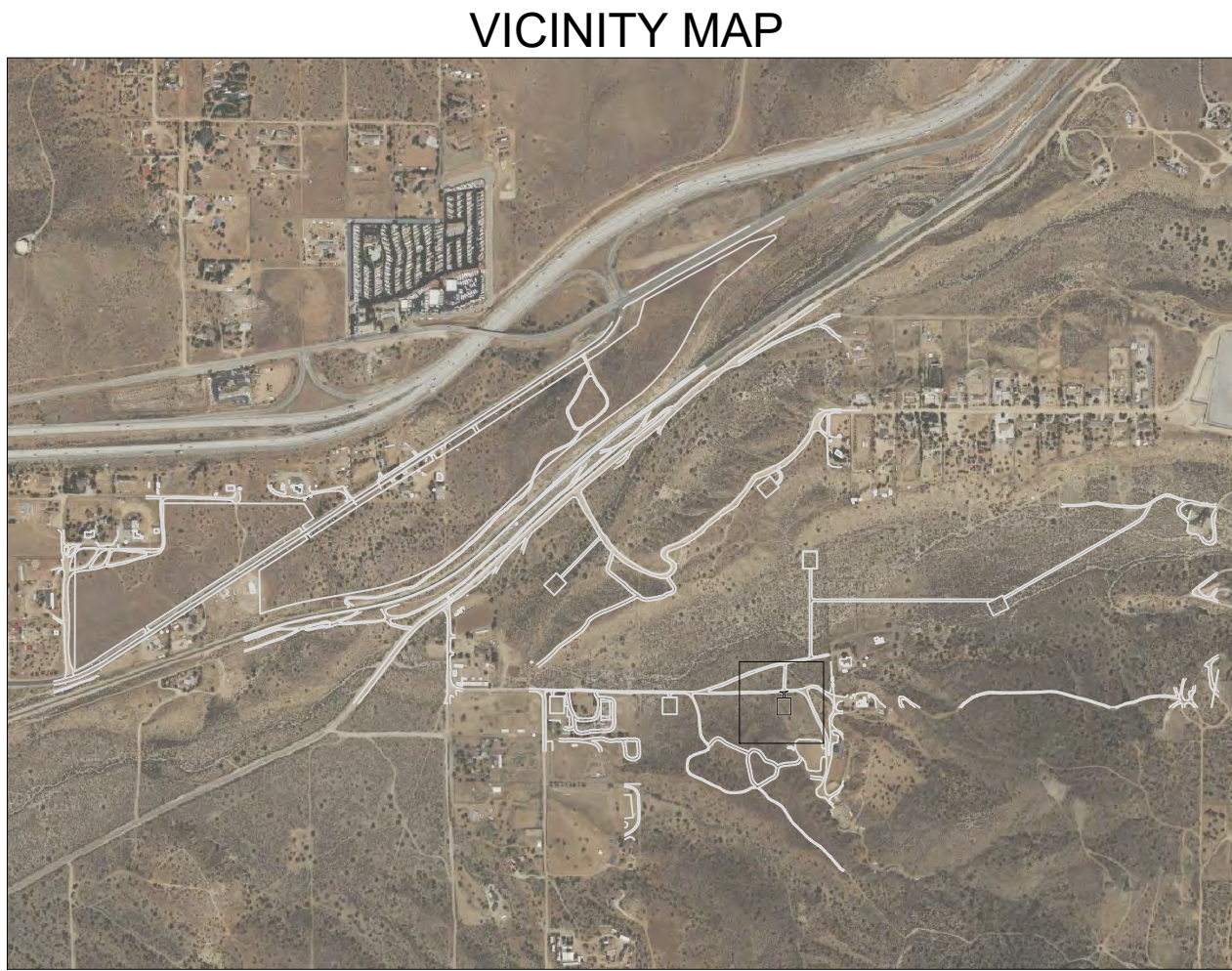
THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

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 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	

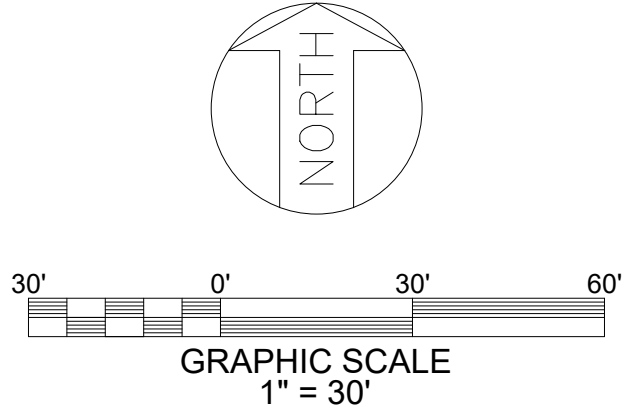
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Form GGG-0401-01-09, ANSI (Imperial) MicroStation Border - Size D - 22 x 34
Revision 11A, Revision Date: 04-30-2010



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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: 1885 CY
FILL: 190 CY
12" TOPSOIL STRIP: 2420 SY
NET: 1695 CY CUT

REFERENCE DRAWINGS

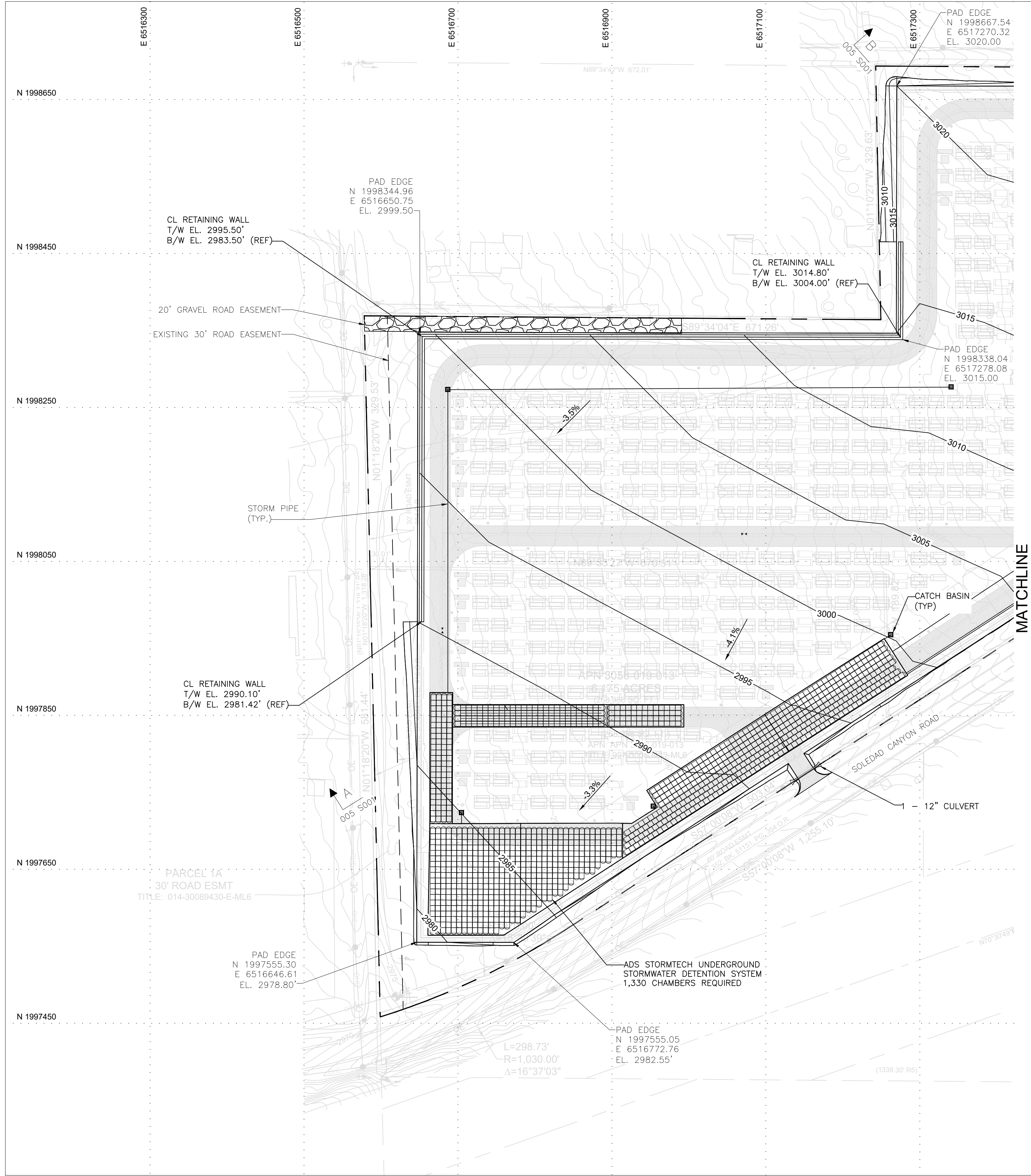
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0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		-
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ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: 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 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 S008		0C
SHEET	1 OF 1	

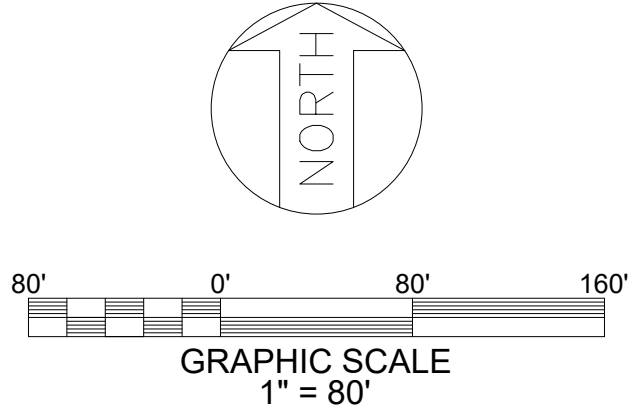
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\$TIMES\$
\$DATES\$



DWG. PSR-CS-004 S010

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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.

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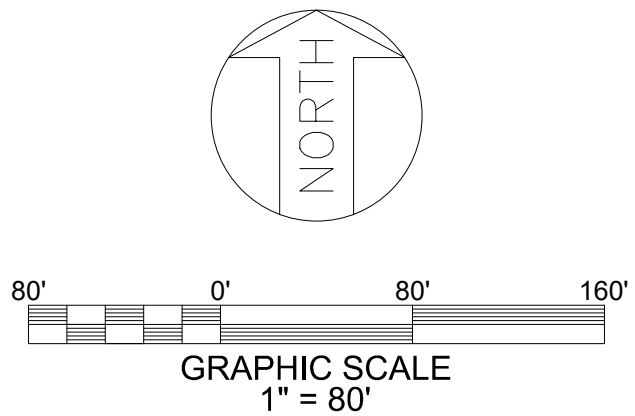
HOLD INFORMATION		
NO.	DESCRIPTION	
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REV.	DATE	DESCRIPTION
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0C	5/16/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		-
PROJECT NO.:		15474.001
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ISSUED 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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
BESS GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S009		0C
SHEET	1 OF 1	

MATCHLINE PSR-CS-004 S009



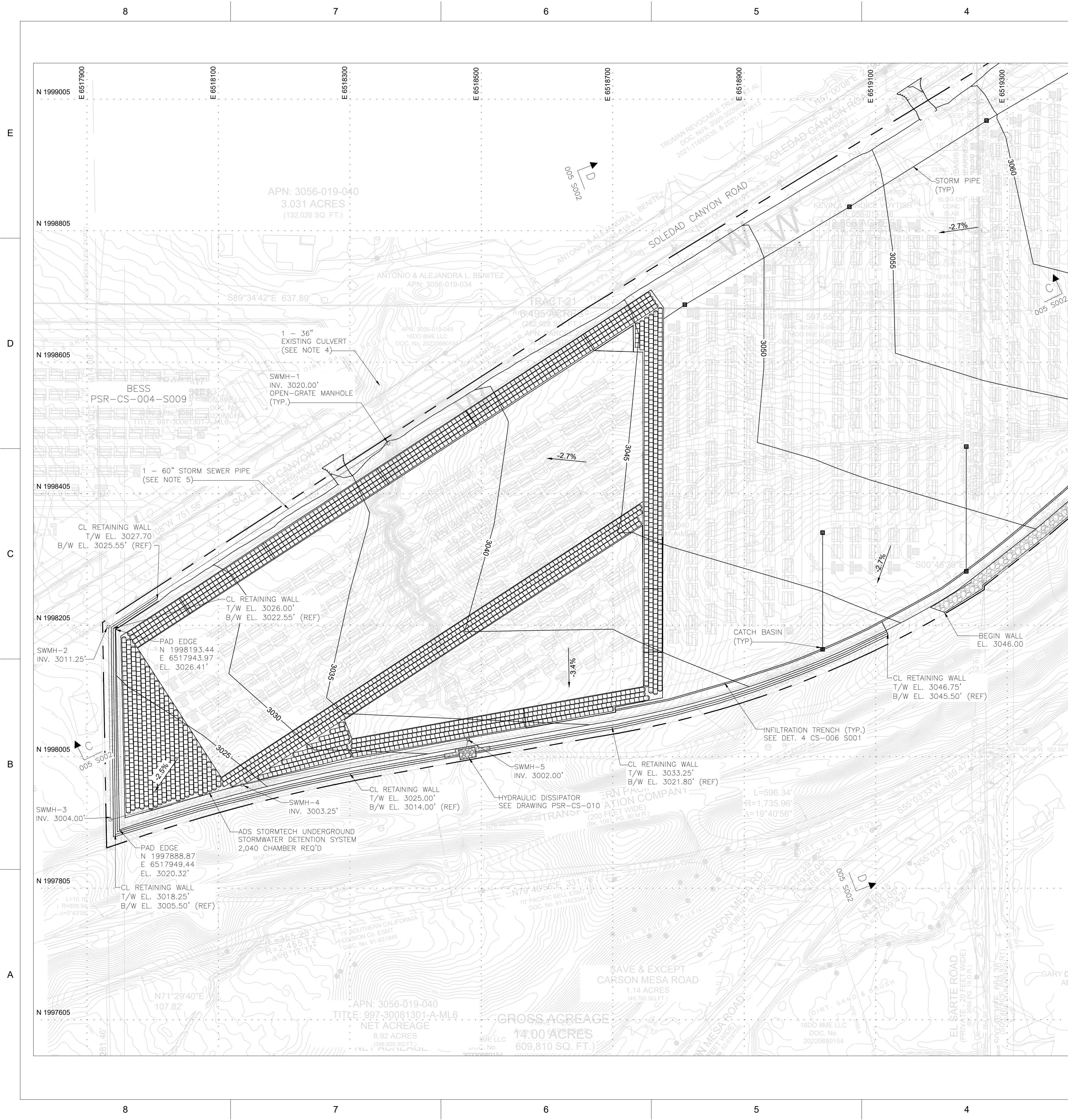
PERMIT ONLY
NOT FOR CONSTRUCTION

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 S009 4. EXISTING CULVERT WILL BE MAINTAINED THROUGHOUT CONSTRUCTION. THE DOWNSTREAM END OF THE CULVERT WILL BE CONNECTED TO A NEW MANHOLE TO PROVIDE CONTINUATION OF STORM WATER CONVEYANCE DOWNSTREAM OF THE BESS FACILITY.	
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.	
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0B	3/31/2025	ISSUED FOR PERMIT
0C	5/16/2025	ISSUED FOR PERMIT
0D	8/15/2025	ISSUED FOR PERMIT
ISSUE PURPOSE:		ISSUED FOR PERMIT
SPECIFICATION:		-
PROJECT NO.:		15474.001
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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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
BESS GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S010		0D
SHEET	1 OF 1	

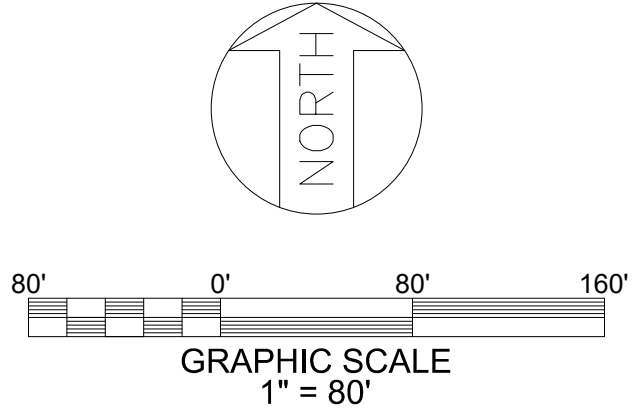


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VICINITY MAP

MATCHLINE PSR-CS-004 S012



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: 126,610 CY
FILL: 468,730 CY
12" TOPSOIL STRIP: 212,140 SY
NET: 342,120 CY FILL
4. EXISTING CULVERT WILL BE MAINTAINED THROUGHOUT CONSTRUCTION. THE
DOWNSTREAM END OF THE CULVERT WILL BE CONNECTED TO A NEW MANHOLE TO
PROVIDE CONTINUATION OF STORM WATER CONVEYANCE DOWNSTREAM OF THE
BESS FACILITY.
5. UPSTREAM FLOWS WHICH ARE NORMALLY CONVEYED THROUGH THE EXISTING
RAVINE WILL BE COLLECTED AND REROUTED THROUGH THE PIPELINE.
STORMWATER WILL DISCHARGE THROUGH A HYDRAULIC ENERGY DISSIPATOR AT
THE DOWNSTREAM LOCATION OF THE EXISTING RAVINE.

REFERENCE DRAWINGS

UNDERGROUND OR EMBEDDED UTILITIES MAY BE LOCATED WITHIN OR ADJACENT TO
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ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S011.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		
BESS GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S011		0D
SHEET	1 OF 1	

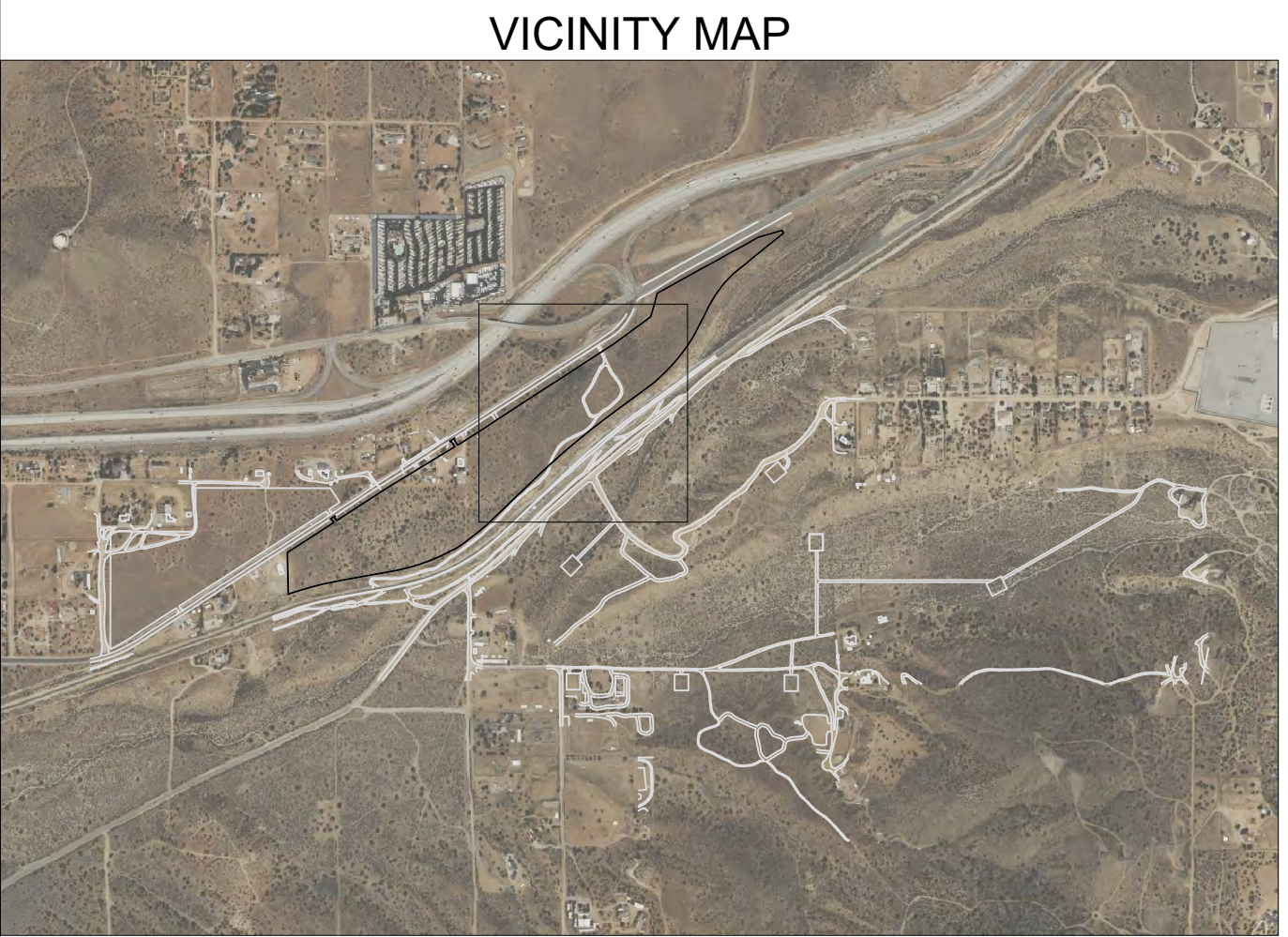
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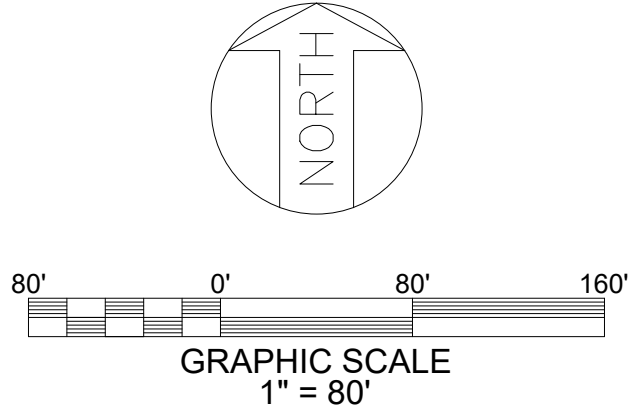
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VICINITY MAP

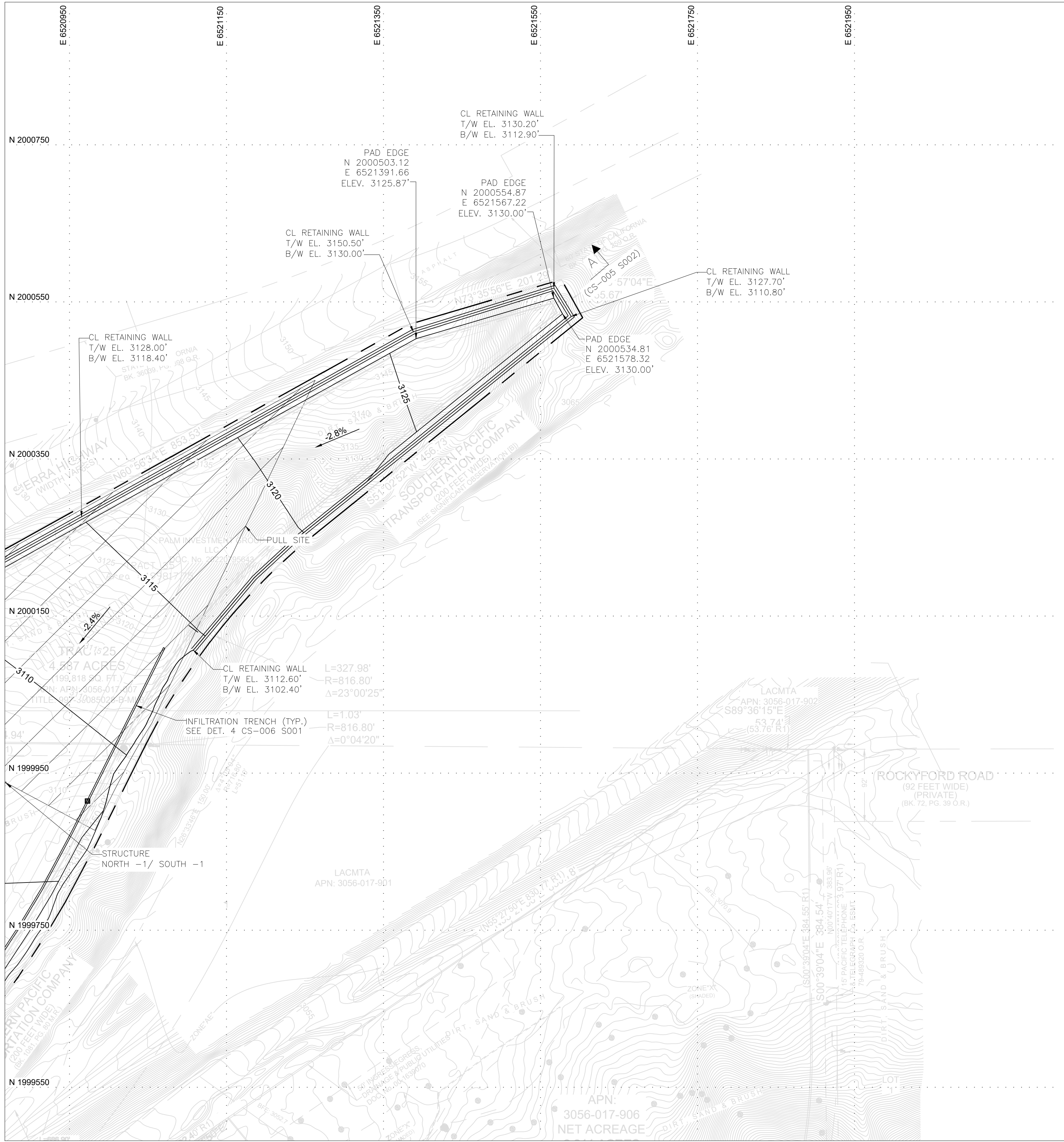


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1. GEOTECHNICAL ENGINEERING REPORT PREPARED BY: TERRACON CONSULTANTS INC., PROJECT NO. LA245085, DATED 05-14-2025.	
2. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING PSR-CS-002.	
3. ESTIMATED QUANTITIES: * SEE NOTES ON DRAWING PSR-CS-004 S011	
REFERENCE DRAWINGS	
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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.		
 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
BESS GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S012		0C
SHEET	1 OF 1	

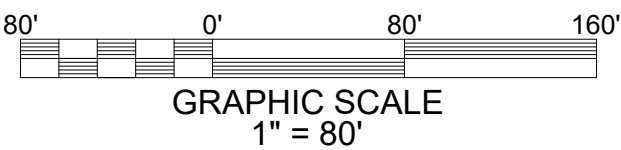
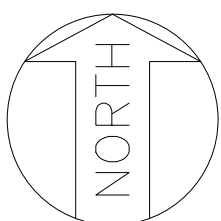
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MATCHLINE PSR-CS-004 S012



PERMIT ONLY
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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

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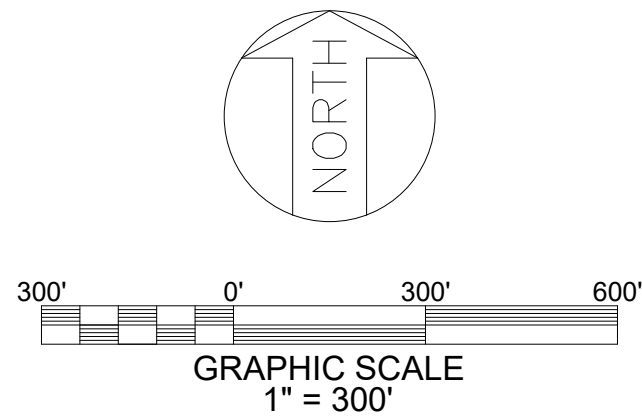
THE CONTRACTOR/INSTALLER SHALL EXERCISE DUE CAUTION DURING ALL EXCAVATION/FOUNDATION/DEMOLITION WORK.

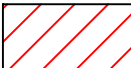
HOLD INFORMATION		
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ISSUED FOR PRELIMINARY PURPOSES JOSHUA BICKETT P.E. LICENSE #95825		
CAD FILE NAME: PSR-CS-004 S013.DWG		
PREPARED BY:		CAF/JN
REVIEWED BY:		JTP
APPROVED BY:		--
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 SARGENT & LUNDY 55 EAST MONROE STREET CHICAGO, ILLINOIS 60603-5780		
PROJECT		
PRAIRIE SONG RELIABILITY PROJECT		
DRAWING TITLE		
BESS GRADING AND DRAINAGE PLAN		
DRAWING NUMBER		REVISION
PSR-CS-004 S013		0C
SHEET	1 OF 1	

\$PINFO1\$
Form GDO-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:		--
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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	