

**U.S. Army Corps  
of Engineers®**

[illegible]

DRAWN BY:	SOLICITATION NO.:	CONTRACT NO.:
A MEELY JR	XXXXXX-XX-XXXX	XXXXXX-XX-XXXX
CHECKED BY:	SUBMITTED BY:	DATE:
K FISCHER	MATHANES	2410
		ISSUING FILE NUMBER:
		130-254933

COVER PAGE

SHEET ID

G-001

G

F

E

D

C

B

A

SHEET SETS	
SHEET SET ORDER	SHEET SET NAMES
1	GENERAL
2	SURVEY
3	CIVIL
4	ELECTRICAL
TOTAL SHEETS: 55	

GENERAL	
SHEET NUMBER	SHEET NAMES
G-001	COVER PAGE
G-002	SHEET INDEX
G-003	GENERAL NOTES
TOTAL SHEETS: 3	

SURVEY	
SHEET NUMBER	SHEET NAMES
V-100	TOPO SURVEY
V-101	TOPO SURVEY
V-102	TOPO SURVEY
V-103	TOPO SURVEY
V-104	TOPO SURVEY
V-105	TOPO SURVEY
V-100	TOPO SURVEY
V-106	TOPO SURVEY
V-107	TOPO SURVEY
V-108	TOPO SURVEY
V-109	TOPO SURVEY
V-110	TOPO SURVEY

V-111	TOPO SURVEY
V-112	TOPO SURVEY
V-113	TOPO SURVEY
V-114	TOPO SURVEY
TOTAL SHEETS: 16	

CIVIL	
SHEET NUMBER	SHEET NAMES
C-001	LEGEND & ABBREVIATIONS
CS101	SITE PLAN
CS102	SITE PLAN - OPTIONAL BID
TOTAL SHEETS: 3	

ELECTRICAL	
SHEET NUMBER	SHEET NAMES
E-001	LEGEND & ABBREVIATIONS
ED101	SITE DEMO PLAN
ED102	SITE DEMO PLAN
ED103	SITE DEMO PLAN
ED104	SITE DEMO PLAN
ED105	SITE DEMO PLAN
ED106	SITE DEMO PLAN
ED107	SITE DEMO PLAN
ED108	SITE DEMO PLAN
ED109	SITE DEMO PLAN
ED110	SITE DEMO PLAN
ED111	SITE DEMO PLAN
ED112	SITE DEMO PLAN
E-101	SITE PLAN
E-102	SITE PLAN
E-103	SITE PLAN
E-104	SITE PLAN
E-105	SITE PLAN

E-106	SITE PLAN
E-107	SITE PLAN
E-108	SITE PLAN
E-109	SITE PLAN
E-110	SITE PLAN
E-111	SITE PLAN
E-112	SITE PLAN
E-113	SITE PLAN
E-501	DETAILS
E-502	DETAILS
E-503	DETAILS
E-601	EXISTING ONE LINE DIAGRAM
E-602	NEW ONE LINE DIAGRAM
E-603	TELECOMMUNICATIONS RISER DIAGRAMS
TOTAL SHEETS: 32	

US Army Corps  
of Engineers®

DESIGNED BY:  
A MEELY JR.

DRAWN BY:  
J HELLER

CHECKED BY:  
K FISCHER

SUBMITTED BY:  
M HAYNES

SIZE:  
ANSI D

ISSUE DATE:  
FEBRUARY 2022

SOLICITATION NO.:  
XXXXXX-XX-XXXX

CONTRACT NO.:  
XXXXXX-XXXX

SPEC NUMBER:  
2410

DRAWING FILE NUMBER:  
130-25-0933

U.S. ARMY CORPS OF ENGINEERS  
SACRAMENTO DISTRICT  
SACRAMENTO, CALIFORNIA

IN-HOUSE DESIGN  
1325 J STREET  
SACRAMENTO, CA 95814

DDIC TRACY, CA  
12KV OVERHEAD TO UNDERGROUND POWER LINE REPLACEMENT

SHEET INDEX

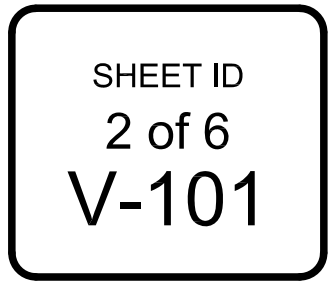
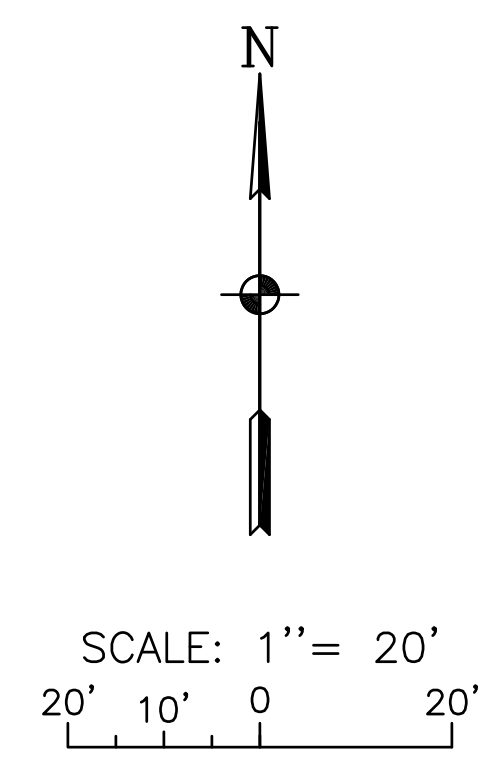
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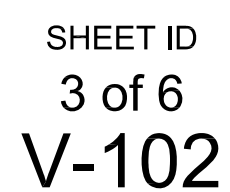
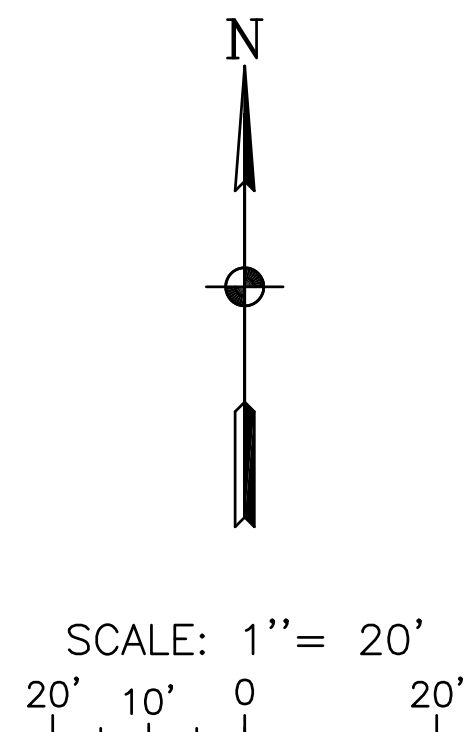


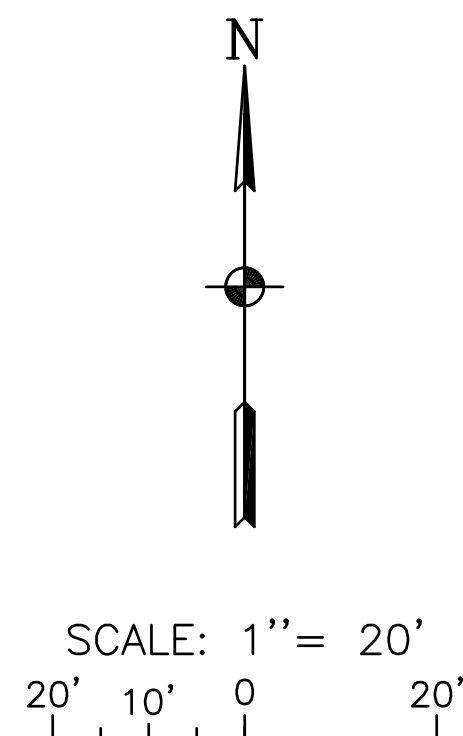


SHEET ID  
1 of 6  
V-100



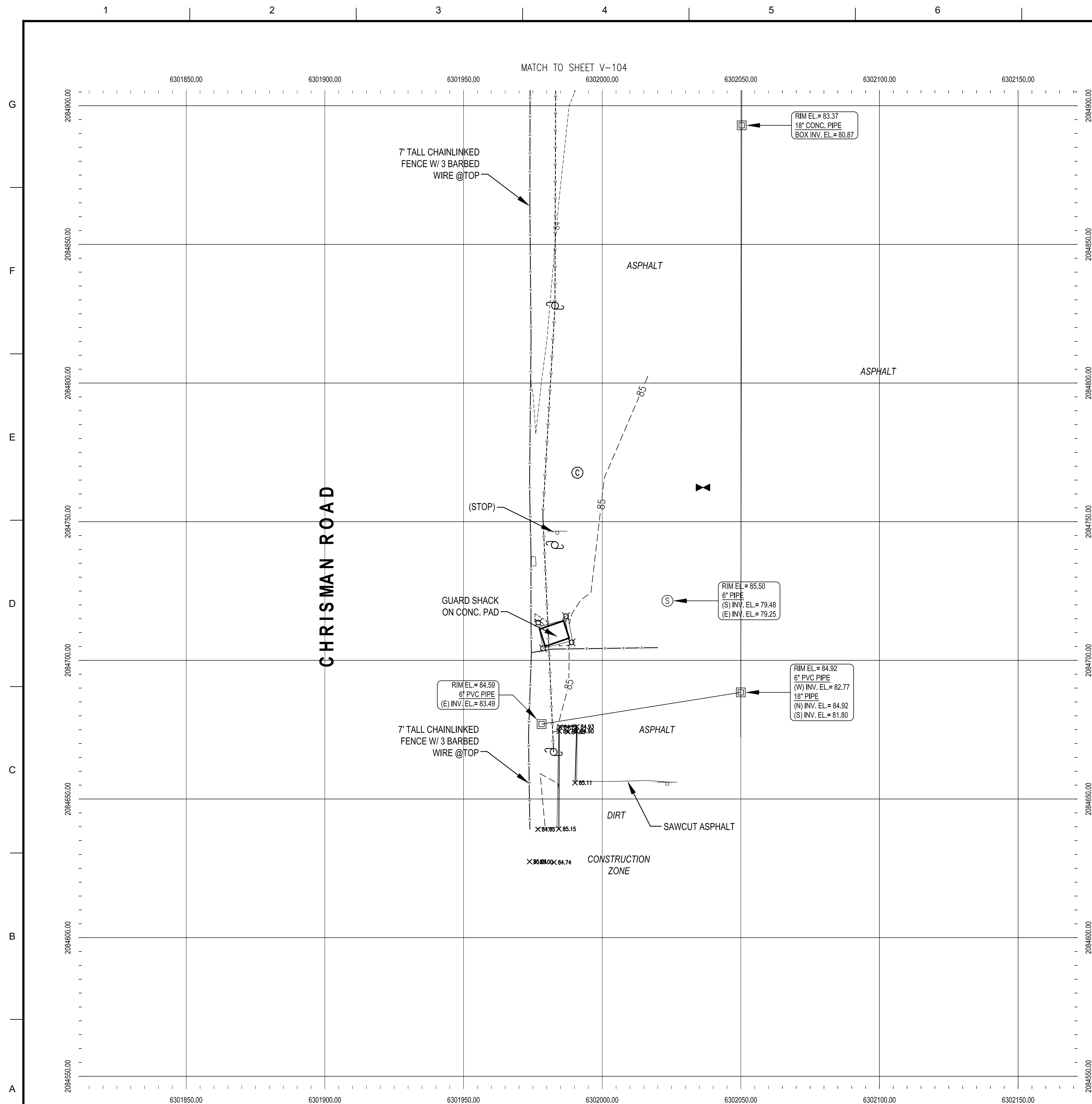












SURVEY NOTES

1. GRID COORDINATES ARE IN US SURVEY FEET AND REFER TO THE CALIFORNIA STATE COORDINATE SYSTEM ZONE III, NAD 83, AND ARE BASED ON STATION 2059.
2. TOPOGRAPHY BY TOTAL STATION & RTK SURVEY METHODS. FIELD SURVEY DATE: MARCH 24–30th 2021.
3. CONTOUR INTERVAL IS 1 FOOT.
4. OOMBINED FACTOR IS 0.99993025.
5. CONTROL WAS PROVIDED BY THE TRACY PROJECT ENGINEER FROM THE "181114 TRACY ACCESS CONTROL UPGRADE PROJECT" DONE BY KSN INC. AND COME WITH THE FOLLOWING SURVEY STATEMENT: AS REFERENCED BY AVAILABLE CITY OF TRACY CONTROL MONUMENTS PER RECORD OF SURVEY FILED IN BOOK 36 OF SURVEYS, PAGES 118–118D, SAN JOAQUIN COUNTY. ALL COORDINATES ARE GRID WITH A 2004.00 EPOCH DATE ADJUSTMENT. GROUND DISTANCES MUST BE MULTIPLIED BY 0.99993025 TO OBTAIN GRID DISTANCES.
6. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88), AS PER SAID RECORD OF SURVEY.

CONTROL TABULATION

STATION	NORTH	EAST	MON. EL.	DESCRIPTION
501	2094757.62	6301943.57	46.96	CHRISMAN BASE KSN RBRC
2053	2085117.30	6301818.48	86.70	2" BRASS DISK
2059	2082539.79	6301810.19	100.31	2" BRASS DISK

















































## ABBREVIATIONS

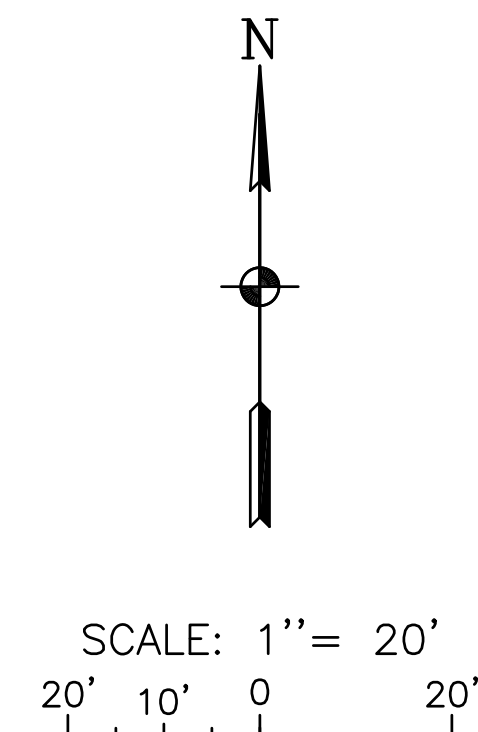
FOR A COMPLETE LIST OF SURVEY ABBREVIATIONS PLEASE SEE CODE LIST

BLDG	-BUILDING	N	-NORTH
CONC	-CONCRETE	S	-SOUTH
CMP	-CORRUGATED METAL PIPE	SD	-STORM DRAIN
DI	-DROP INLET	SS	-SANITARY SEWER
E	-EAST	SDMH	-STORM DRAIN MANHOLE
ELEV	-ELEVATION	SSMH	-SANITARY SEWER MANHOLE
INV	-INVERT	TOP	-TOP OF PIPE
JBOX	-JUNCTION BOX	W	-WEST

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SYMBOL LEGEND

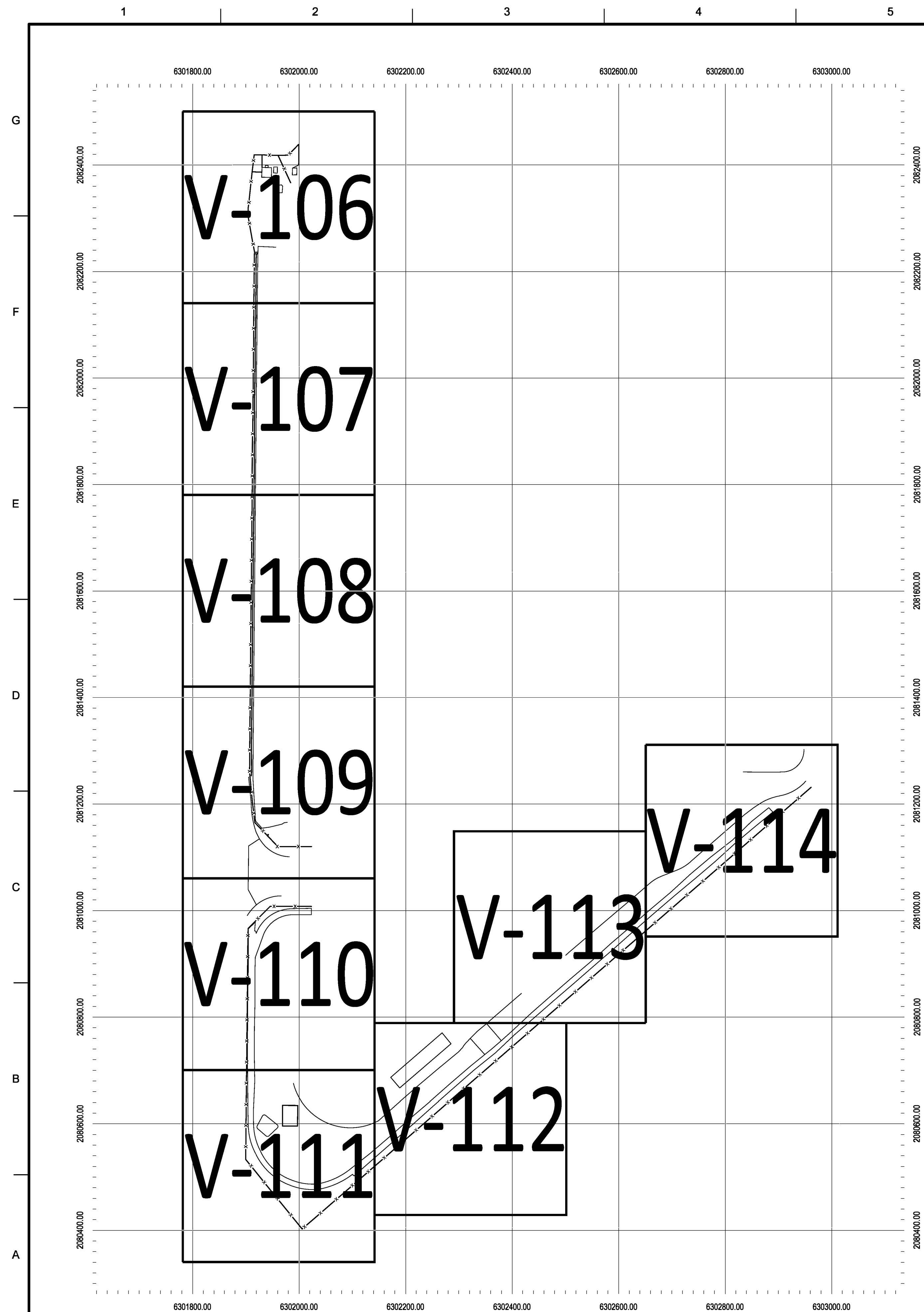
	AIR CONDITIONER		MANHOLE STORM DRAIN		TELEPHONE RISER
	BOLLARD		MANHOLE TELEPHONE		TEST WELL
	BORE HOLE		METER ELECTRICAL		TRANSFORMER
	CLEAN OUT		METER GAS		TREE
	CONTROL POINT		METER WATER		UNDERGROUND MARKER
	GUY WIRE		MISCELLANEOUS OBJECT		(10') US SURVEY FOOT EQUIVALENT
	ELECTRICAL BOX		MONITORING SITE		UNDERGROUND MARKER
	ELECTRICAL PANEL		POLE		VAULT COMMUNICATIONS
	HYDRANT		POINTS		VAULT ELECTRICAL
	IRRIGATION EQUIPMENT		ROCK		VAULT GAS
	JUNCTION BOX – E.S.B.		ROCK DECORATIVE		VAULT MISCELLANEOUS
	JBOX COMMUNICATIONS		SHRUB		VAULT TELEPHONE
	MANHOLE COMMUNICATIONS		SIDEWALK LIGHT		VAULT WATER
	MANHOLE ELECTRICAL		SIGN		WELL WATER
	MANHOLE MISCELLANEOUS		SPOT ELEV		VALVE
	MANHOLE SANITARY SEWER		STREET LIGHT		WALL WATER

[illegible]

DESIGN FILE NO:	XXXX-XX-XXXX
ANSI D	
SIZE:	
SUBMITTED BY:	J. OLIVER
CHECKED BY:	M. SHELTON
DRAWN BY:	G. PASCUA
SPEC NO:	XXXX
CONTRACT NO.:	XXXXXX-XX-X-XXXX
SOLICITATION NO.:	XXXXXX-XX-X-XXXX

**SURVEY IN-HOUSE**  
1325 J STREET  
SACRAMENTO, CA, 95814-2922

# TOPOGRAPHIC SURVEY MAP OF UNDERGROUND UTILITIES & PAVEMENT



SURVEY NOTES

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















































CONTROL TABULATION.

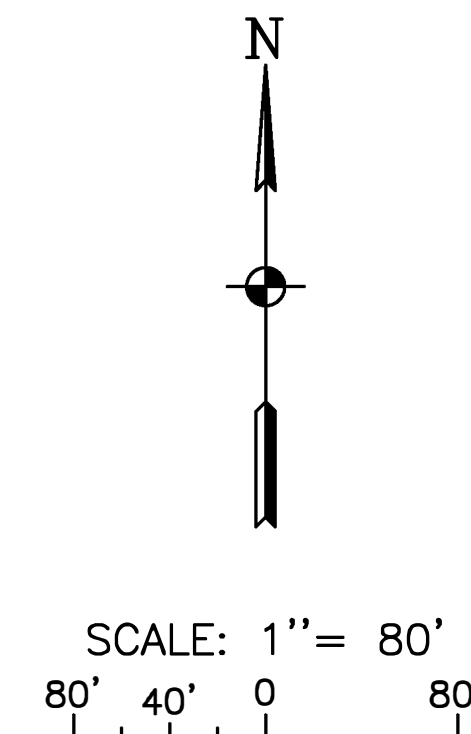
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ELEV	-ELEVATION	SSMH	-SANITARY SEWER MANHOLE
INV	-INVERT	TOP	-TOP OF PIPE
JBOX	-JUNCTION BOX	W	-WEST

SYMBOL LEGEND					
	AIR CONDITIONER		MANHOLE STORM DRAIN		TELEPHONE RISER
	BOLLARD		MANHOLE TELEPHONE		TEST WELL
	BORE HOLE		METER ELECTRICAL		TRANSFORMER
	CLEAN OUT		METER GAS		TREE
	CONTROL POINT		METER WATER		UNDERGROUND MARKER
	GUY WIRE		MISCELLANEOUS OBJECT		US SURVEY FOOT EQUIVALENT
	ELECTRICAL BOX		MONITORING SITE		UNDERGROUND MARKER
	ELECTRICAL PANEL		POLE		VAULT COMMUNICATIONS
	HYDRANT		POINTS		VAULT ELECTRICAL
	IRRIGATION EQUIPMENT		ROCK		VAULT GAS
	JUNCTION BOX -- E.S.B.		ROCK DECORATIVE		VAULT MISCELLANEOUS
	JBOX COMMUNICATIONS		SHRUB		VAULT TELEPHONE
	MANHOLE COMMUNICATIONS		SIDEWALK LIGHT		VAULT WATER
	MANHOLE ELECTRICAL		SIGN		WELL WATER
	MANHOLE MISCELLANEOUS		SPOT ELEV		VALVE
	MANHOLE SANITARY SEWER		STREET LIGHT		VALVE WATER

[illegible]

J. MARINO	NOVEMBER 15, 2021
DRAWN BY:	SOLICITATION NO.:
G. PASCUA	XXXXXX-XX-X-XXXX
CHECKED BY:	CONTRACT NO.:
M. M. SHELTON	XXXXXX-XX-X-XXXX
SUBMITTED BY:	SPEC NO.:
J. OLIVER	XXXX
SIZE:	DESIGN FILE NO.:
ANSI D	XXX-XX-XXXX

U.S. ARMY CORPS OF ENGINEERS  
SACRAMENTO DISTRICT  
1325 J STREET  
SACRAMENTO, CA. 95814-2922

1325 J STREET  
SACRAMENTO, CA. 95814-

TRACY ARMY DEPT  
TRACY, CA

# UNDERGROUND UTILITIES & PAVEMENT OF FOR ORIGINAL SURVEY MAP

SHEET ID  
1 of 10  
V-100

