



# City of Hidden Hills

6165 Spring Valley Road \* Hidden Hills, California 91302  
(818) 888-9281 \* Fax (818) 719-0083

December 14, 2023

## **ADDENDUM NO. 2**

### **City of Hidden Hills Fiber to Homes Project**

NOTICE IS HEREBY GIVEN to all bidders and plan holders that the plans and specifications for the construction of the above-described project are hereby amended as follows:

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#### **1. Bid Submittal/Opening**

The bid opening has been extended. The first paragraph of the Notice Inviting Bids is hereby amended to say:

“NOTICE IS HEREBY GIVEN that the City of Hidden Hills, California (“City”) invites sealed Bids for the Project. The City will receive such Bids at the City Clerk’s office, City Hall, 6165 Spring Valley Road, Hidden Hills, California 91302 up to 10:00 a.m. on January 3, 2024 at which time they will be publicly opened and read aloud.”

#### **2. Fiber Design**

The attached fiber design plans are hereby added to:

“APPENDIX A

Plan and Details”

#### **3. Fiber**

SMF 28 ribboned fiber is to be provided and placed by the contractor. Acceptable fiber manufacturers include AFL, Corning, OFS, Draka, or equivalent.

#### **4. Tracer Wire**

Tracer wire size shall be #6 and is to be provided and installed by the contractor.

#### **5. Cabinet and Cabinet Pads**

Cabinet pads and anchor hardware are to be provided and installed by the contractor. Cabinets are to be provided by the City and installed by the contractor. The attached cabinet details provide

details and dimensions for the anchor hardware to be installed in the pads. The attached cabinet details are hereby added to:

“Appendix A

Plans and Details”

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Full compensation for all work and requirements of this addendum shall be considered as included in the appropriate price bid and no additional compensation will be allowed therefore.



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Dirk Lovett, City Engineer

Acknowledgment of the Addendum by signing and returning a copy with your bid is required. Failure to do so may result in the disqualification of your bid.

RECEIPT OF THIS ADDENDUM IS HEREBY ACKNOWLEDGED:

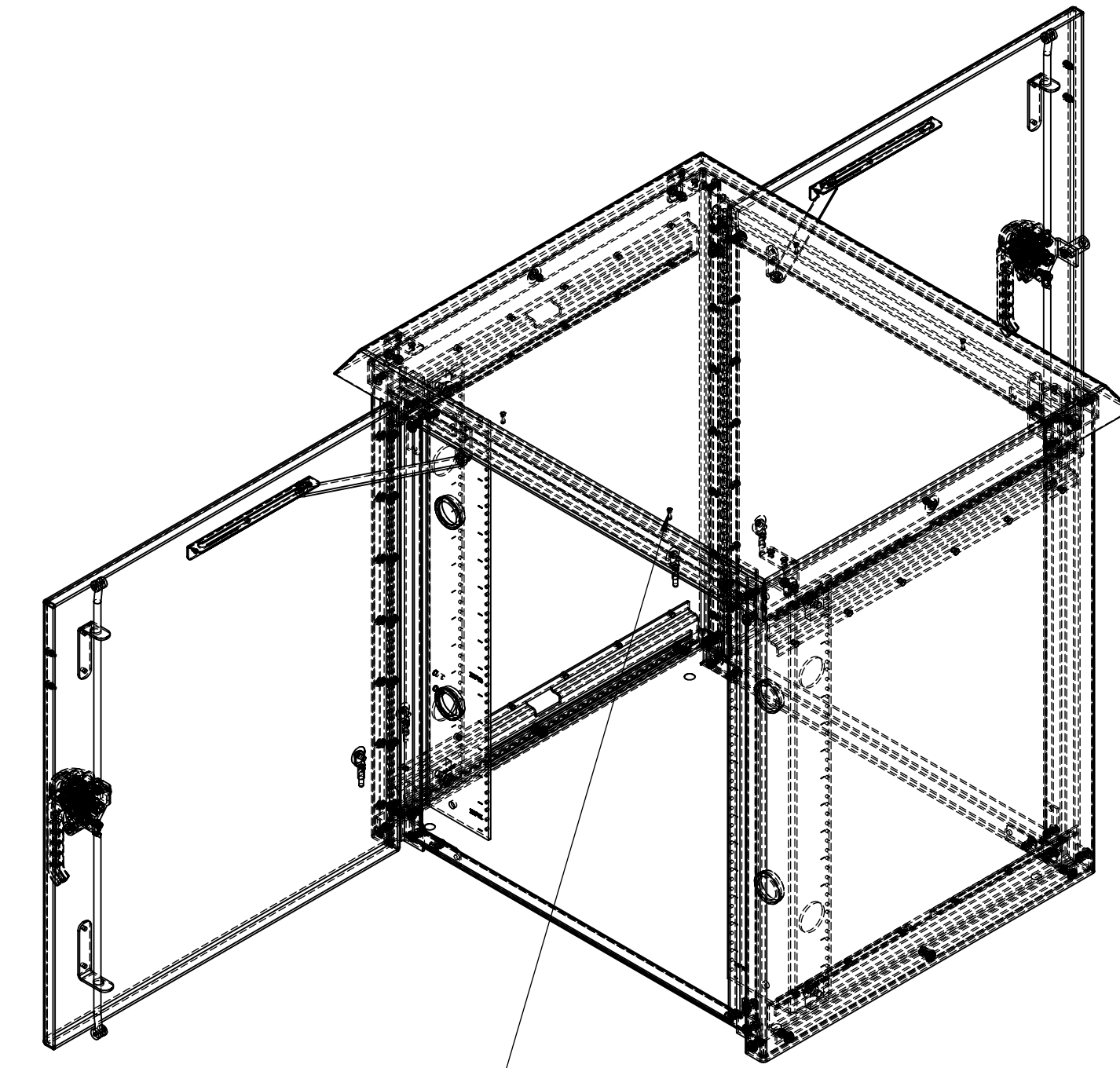
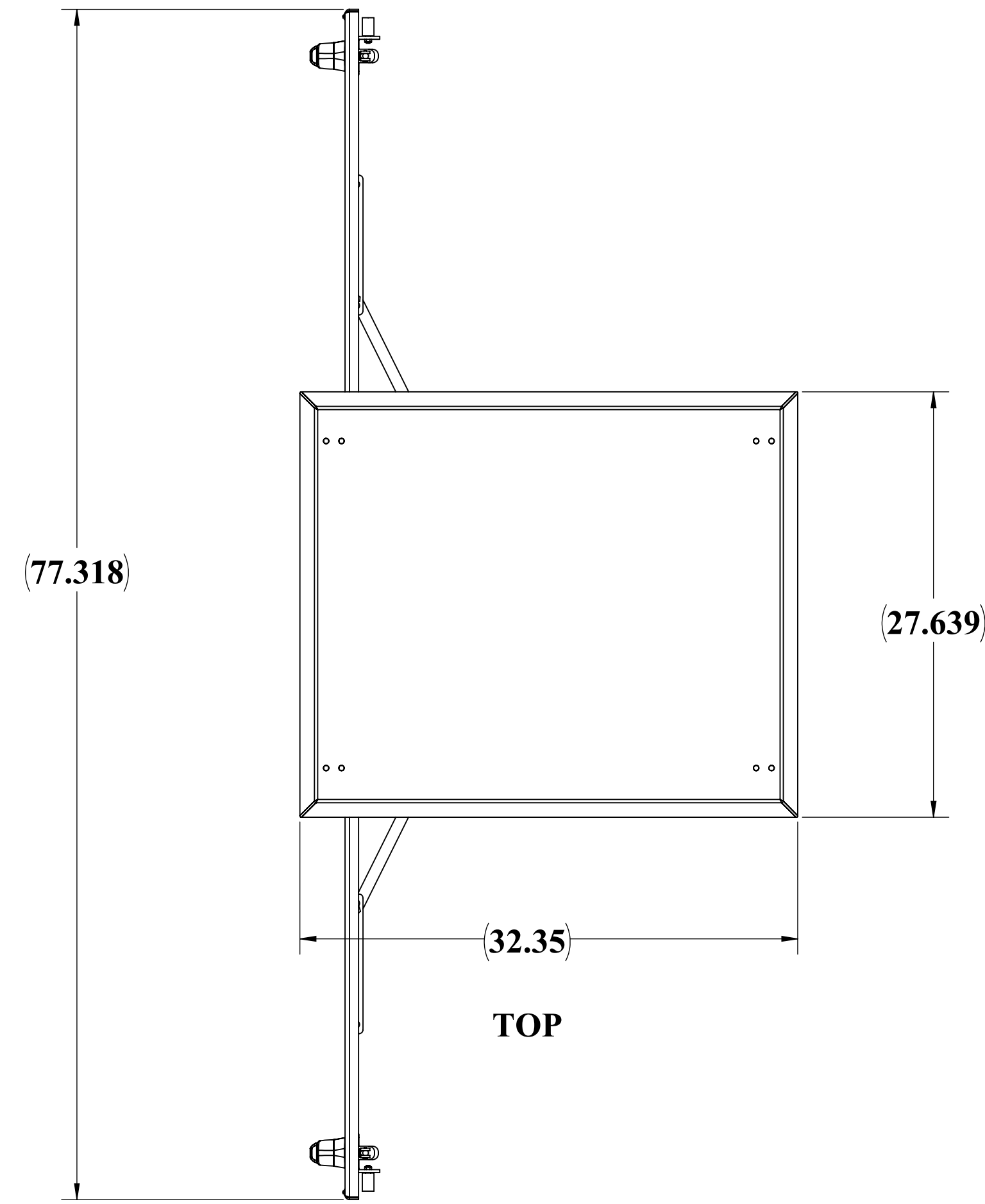
\_\_\_\_\_  
Firm

\_\_\_\_\_  
DATE

BY: \_\_\_\_\_

WEB DRAWING (NOT FOR FABRICATION)

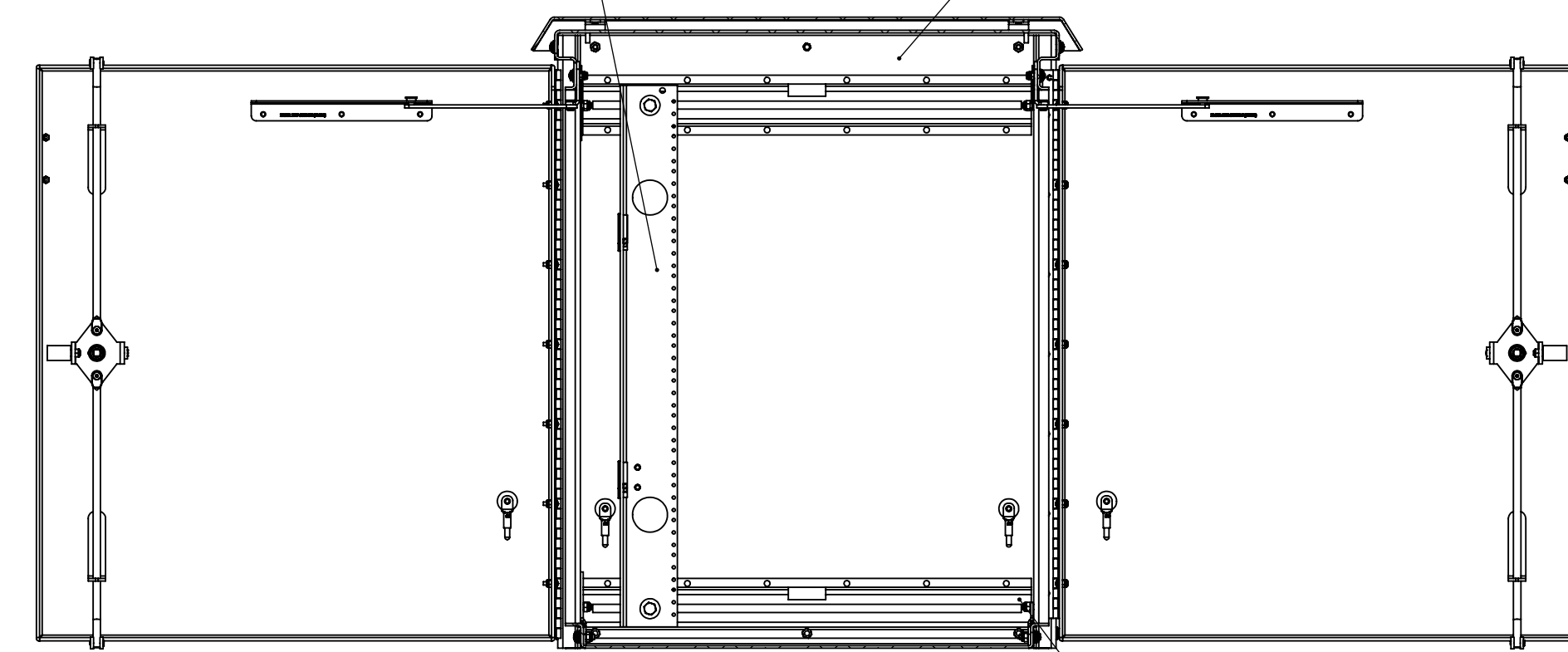
REVISIONS		
REV.	DESCRIPTION	DATE
A	CREATED DRAWING PER DR-02052	7/16/2019



STANDOFFS ARE STANDARD FOR OPTIONAL LIGHTING OVER EACH DOOR FRONT AND REAR

FRONT SET OF RAILS ARE STANDARD

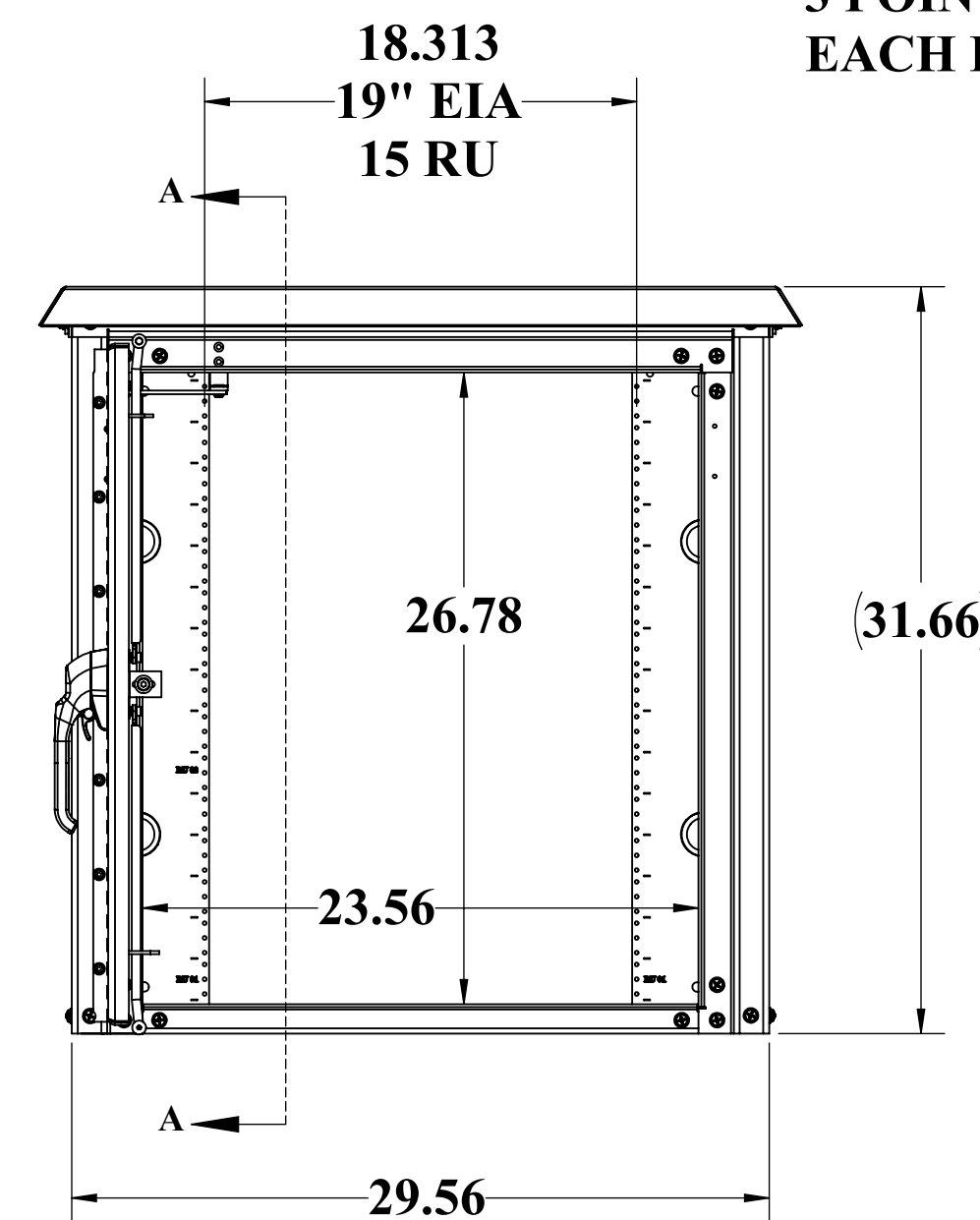
NO CEILING LOUVERS



SECTION A-A  
SCALE 1:8

R-STRUTS FOR RAIL ADJUSTMENTS

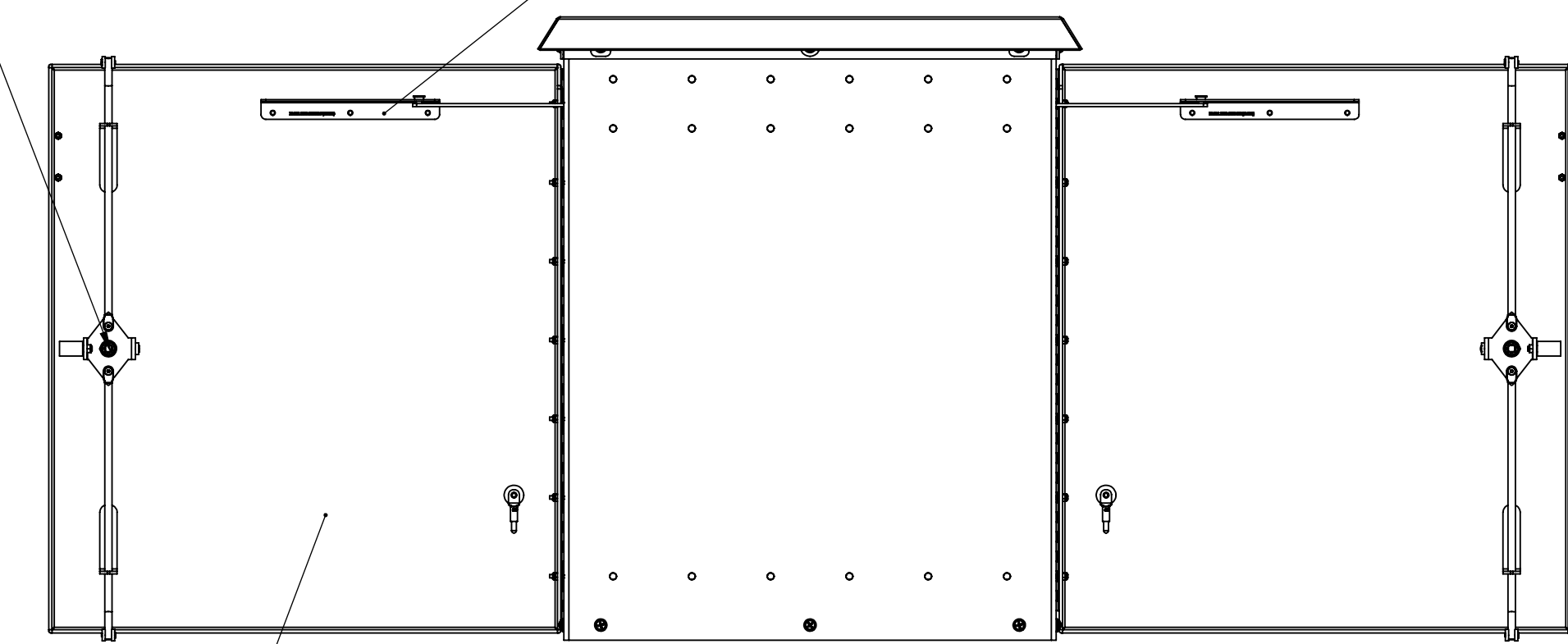
3 POINT LOCKING EACH DOOR



FRONT

NO FILTERED LOUVERS

STANDARD WINDLOCKS FOR EACH DOOR

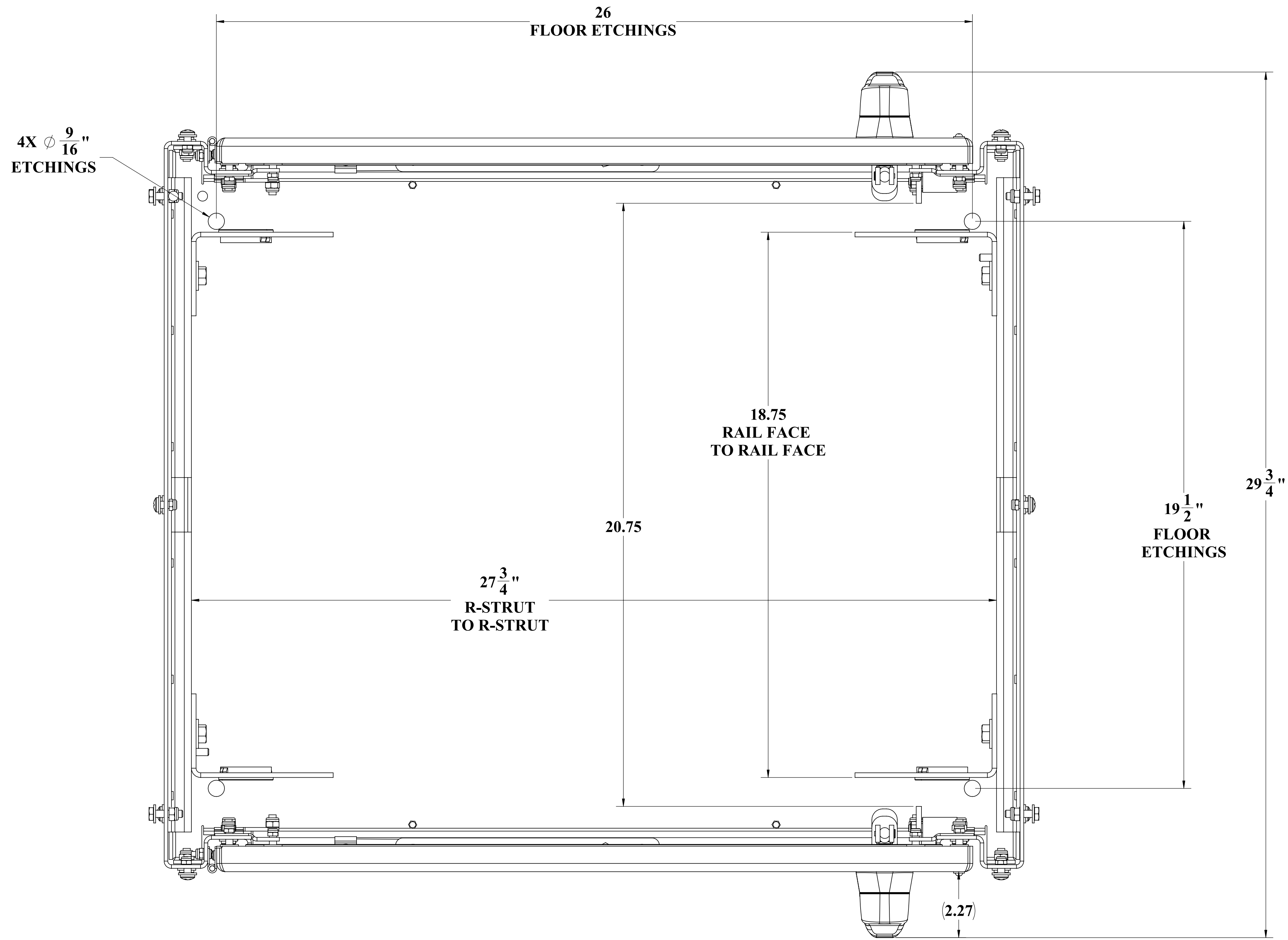


RIGHT SIDE

WEB DRAWING (NOT FOR FABRICATION)

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	DDB Unlimited Inc.			
DIMENSIONS ARE IN INCHES		Model by:	DDB	6/28/2019	WOD-XXXX-UL50		
ANGULAR:	±1°	Drawn by:	Gerion E.	6/28/2019	WOD, 30"H, DX-UL50		
FRACTIONAL/NO DECIMAL:	±0.1250	Sales.Rep.:	tray	07/18/19	SIZE	Cage Code:	DWG. NO.:
ONE PLACE DECIMAL:	±0.0625	Prod.Mgr.:	ClarkK	07/19/19	D	385Y5	02052
TWO PLACE DECIMAL:	±0.0312	Control Number:			SCALE: 1:12	WEIGHT: 100 lbs.	SHEET 1 OF 3
THREE PLACE DECIMAL:	±0.0156						
ALL HOLES: ±0.0010							
MATERIAL: 5052-H32-0.125" ASTM-B209-04							
PAINT: DIAMOND VOGEL, BEIGE GLOSS TEXTURE ET-828							
MATERIAL THICKNESS IS: 0.125"							
DO NOT SCALE DRAWING							

WEB DRAWING (NOT FOR FABRICATION)



TOP VIEW  
NO CEILING OR ALUMASHIELD SHOWN

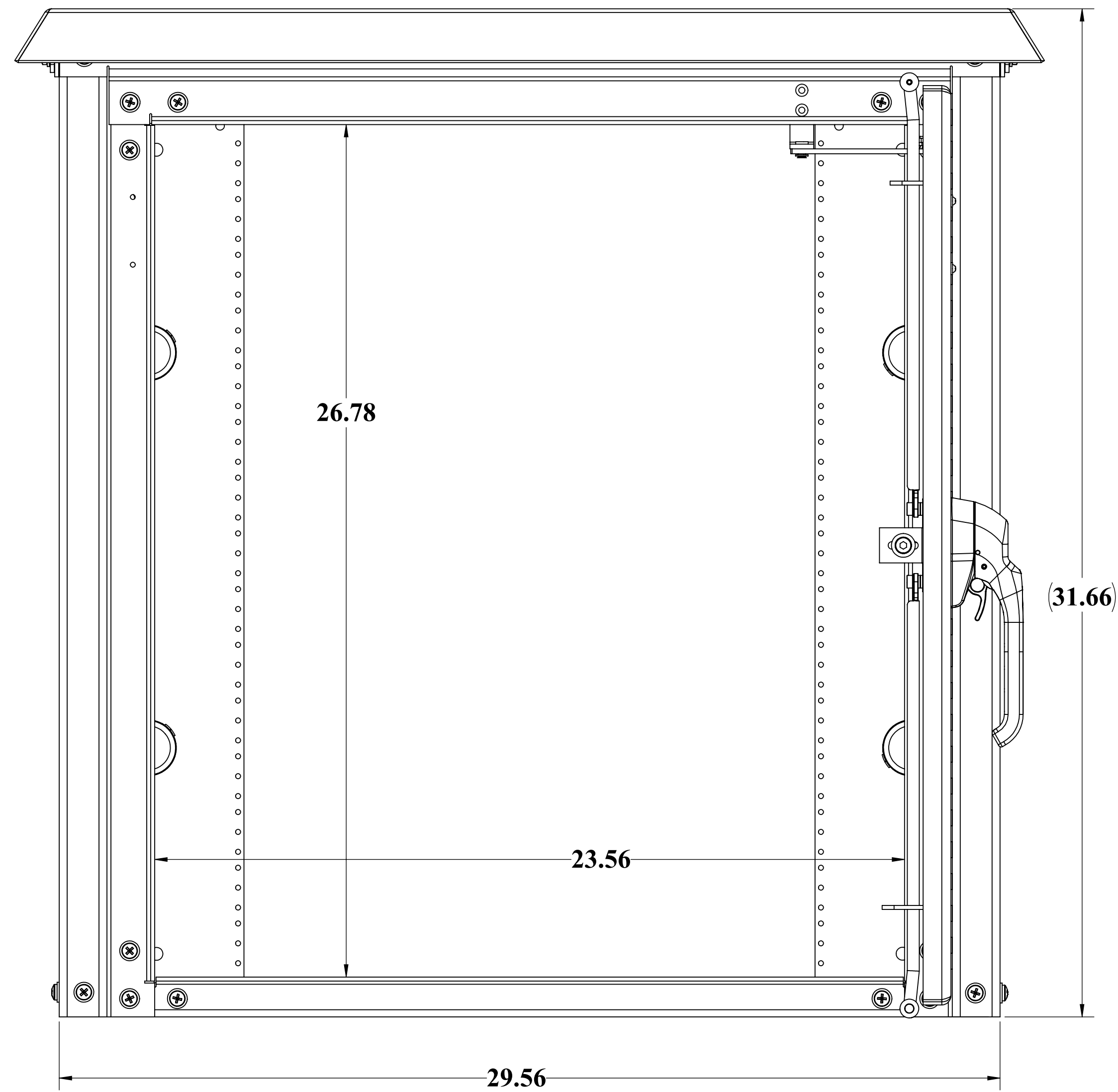
WEB DRAWING (NOT FOR FABRICATION)

UNLESS OTHERWISE SPECIFIED:		<b>DDB Unlimited Inc.</b>	
DIMENSIONS ARE IN INCHES		DX-UL50E-CLOSED	
ANCHOR:		WOD, CLOSED, DX-UL50	
FRACTIONAL NO DECIMAL: ±.0125		SIZE	Cage Code: DWG. NO.: REV
ONE PLACE DECIMAL: ±.0025		D	385Y5 02052 A
TWO PLACE DECIMAL: ±.0010		SCALE: 1:12 WEIGHT: 77 lbs. SHEET 2 OF 3	
THREE PLACE DECIMAL: ±.0005		DO NOT SCALE DRAWING	
ALL HOLES: ±.0030 Ø.			
MATERIAL: 5052-H32-0.125" ASTM-B209-04			
PAINT: DIAMOND VOGEL, BEGG GLOSS TEXTURE FT-408			

PROPRIETARY AND CONFIDENTIAL  
 THIS DRAWING IS THE SOLE PROPERTY OF DDB Unlimited, INC. ANY  
 REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF DDB Unlimited, INC. IS PROHIBITED.

DDB FORM: 7.1-2-REV:K 08/02/17

WEB DRAWING (NOT FOR FABRICATION)



BACK VIEW  
GASKET NOT SHOWN

WEB DRAWING (NOT FOR FABRICATION)

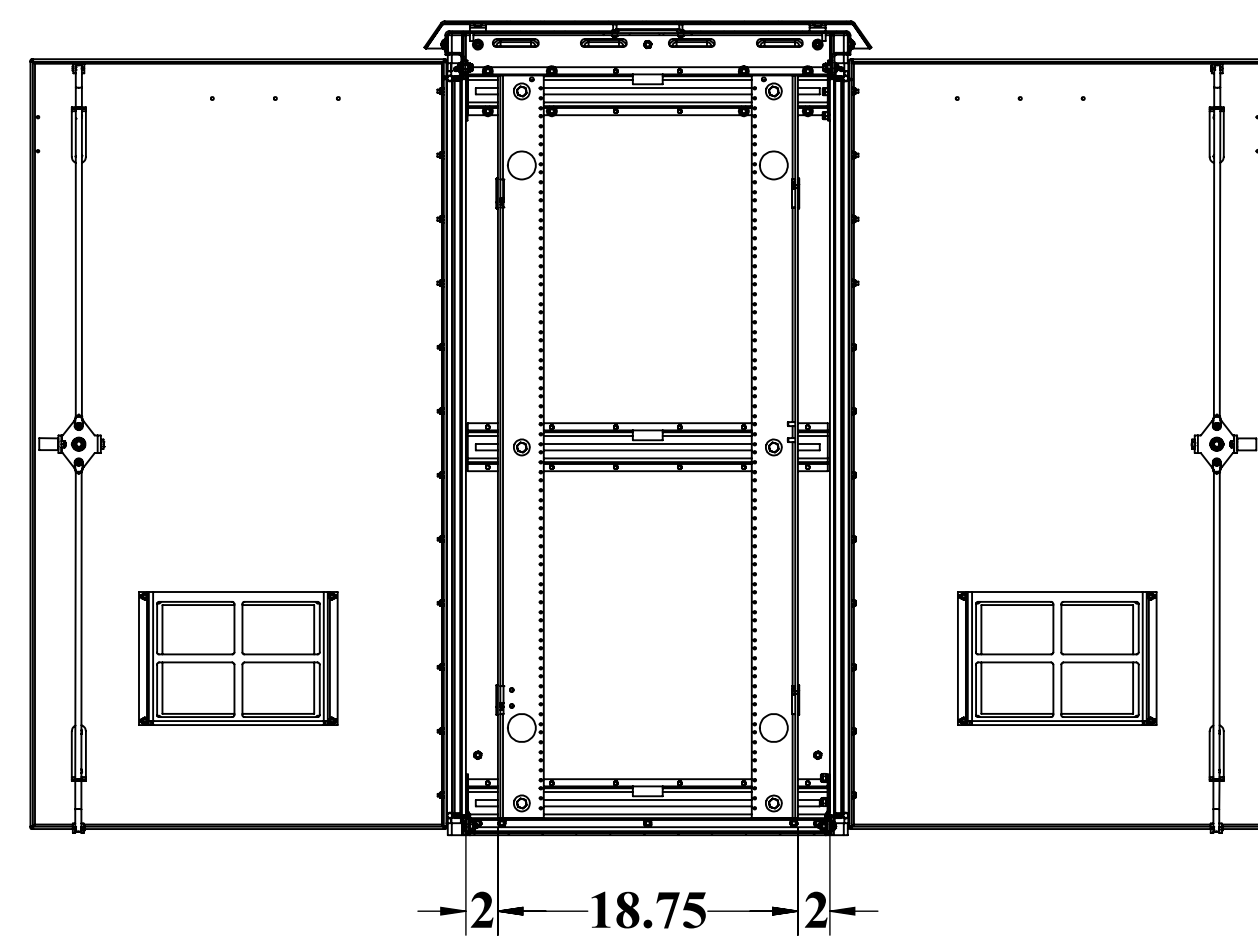
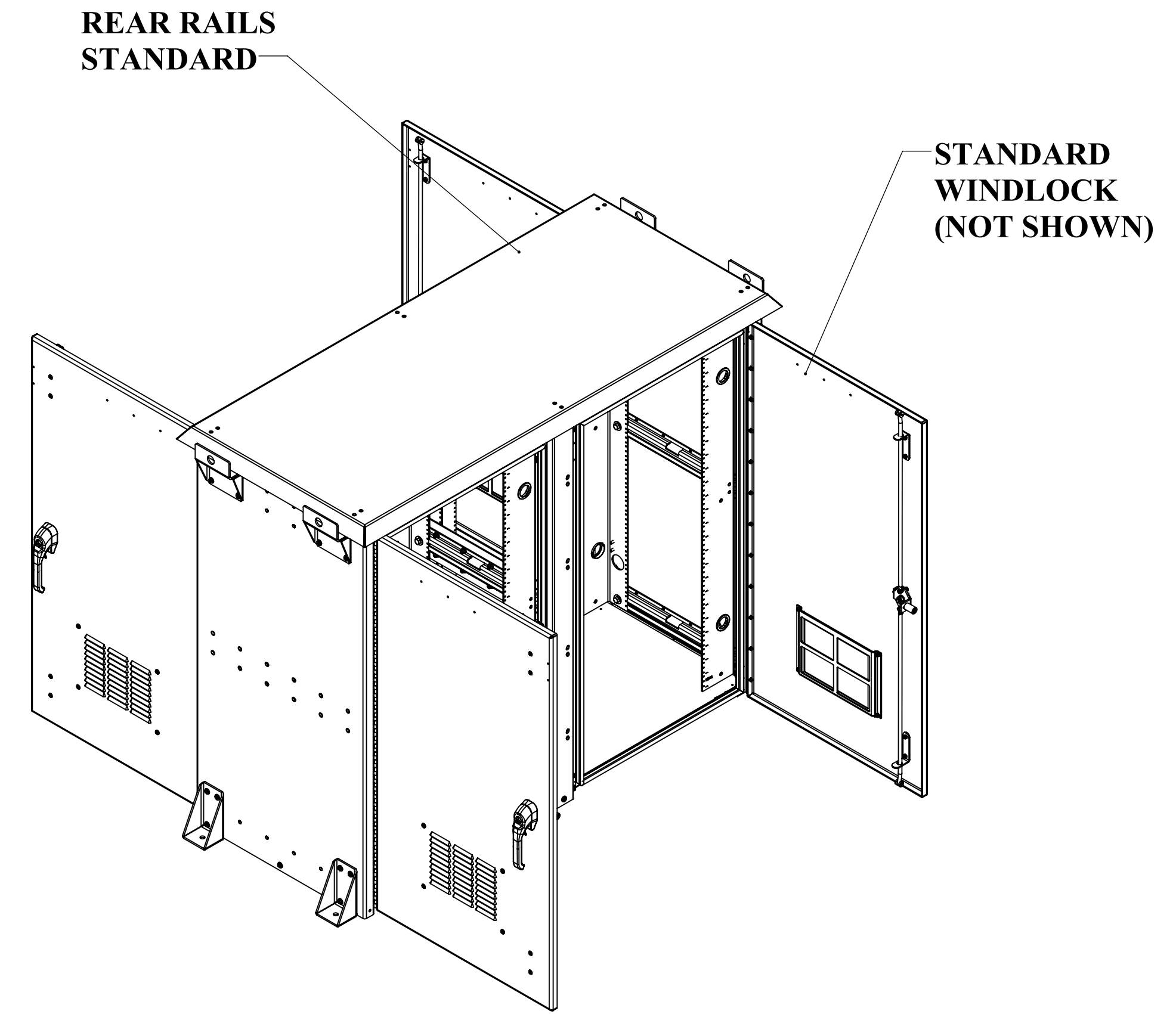
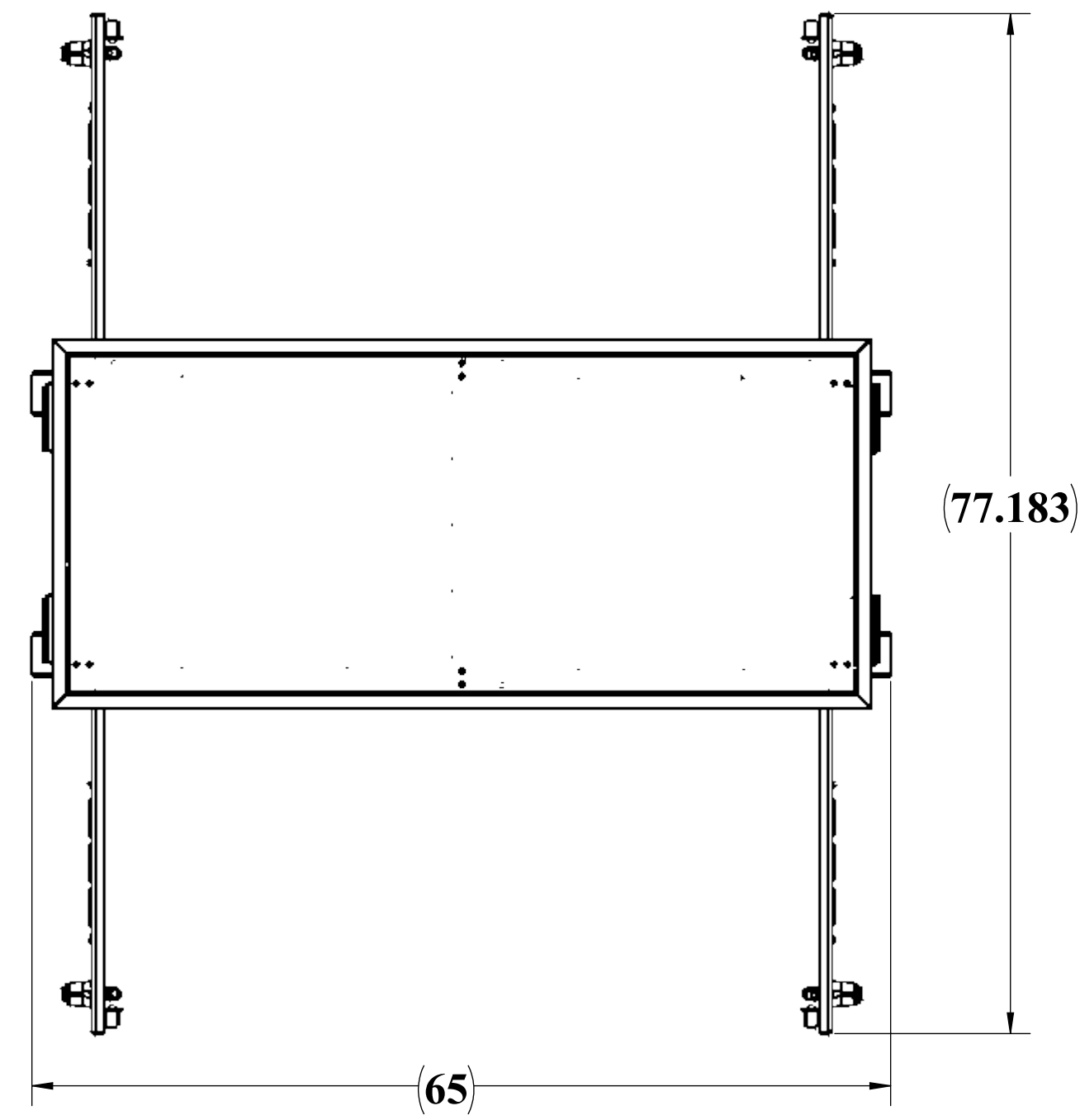
UNLESS OTHERWISE SPECIFIED:		<b>DDB Unlimited Inc.</b>	
DIMENSIONS ARE IN INCHES		WOD-30DX-UL50E	
ANGULAR: ±1°		WOD, 30"H, DX-UL50	
FRACTIONAL NO DECIMAL: ±0.1250		SIZE	REV
ONE PLACE DECIMAL: ±0.0625		Cage Code:	DWG. NO.:
TWO PLACE DECIMAL: ±0.0313		D	385Y5
THREE PLACE DECIMAL: ±0.0156			02052
ALL HOLES: ±0.0031		SCALE: 1:12	WEIGHT: 100 lbs.
MATERIAL: 5052-H32-O.125" ASTM-B209-04		SHEET 3 OF 3	
PAINT: DIAMOND VOGEL, BEIGE GLOSS TEXTURE FT-420		DO NOT SCALE DRAWING	

PROPRIETARY AND CONFIDENTIAL  
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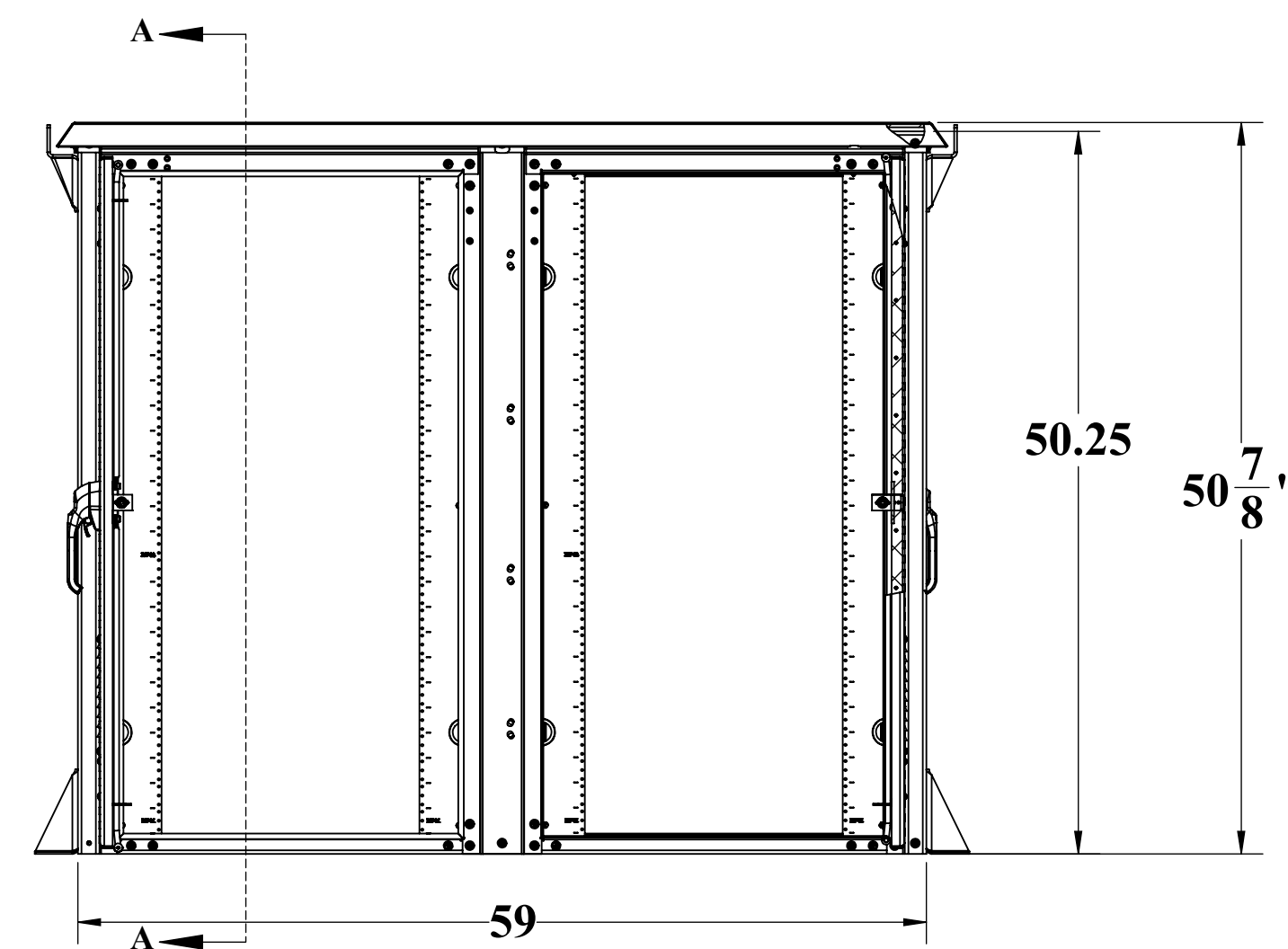
DDB FORM: 7.1-2-REV:K 08/02/17

WEB DRAWING (NOT FOR FABRICATION)

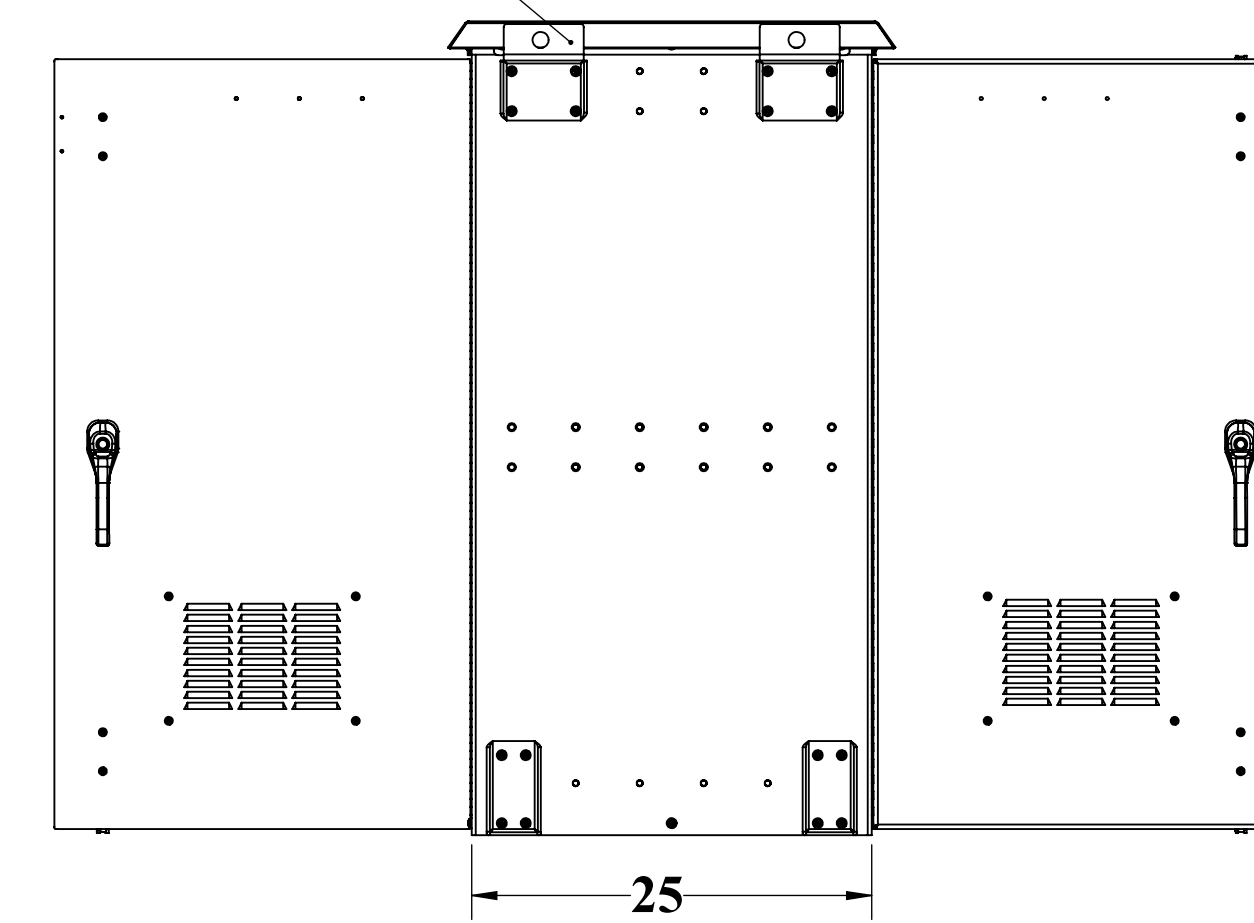
REVISIONS		
REV.	DESCRIPTION	DATE
A	Initial Release per DR-00963	5/28/2014
B	UPDATED TO 2017 WEBSITE FORMAT	8/11/2017
C	UPDATED NEW FORMAT	11/18/2020



SECTION A-A  
SCALE 1 : 12



STANDARD I-HOOKS



WEB DRAWING (NOT FOR FABRICATION)

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<b>DDB Unlimited Inc.</b>			
DIMENSIONS ARE IN INCHES		Model by:	DDB	20D-XXXX			
ANGULAR:	21°	Drawn by:	gerone	DWG, WEB, 20D, 50, DX			
FRACTIONAL/NO DECIMAL:	1/16	Sales.Rep.:	Bryan C.	SIZE	Cage Code:	DWG. NO.:	REV
ONE PLACE DECIMAL:	0.0005	Q.A.Appr.:	troy	D	385Y5	00963	C
TWO PLACE DECIMAL:	0.0002	Prod.Mgr.:	ClarkK	SCALE: 1:8	WEIGHT: 299 lbs.	SHEET 1 OF 3	
THREE PLACE DECIMAL:	0.0001	Control Number:					
MATERIAL:	5032-H32 ASTM B209-04						
PAINT:	RAMPOD VOGEL-BIDGE GLOSS TEXTURE ET-4308						
DO NOT SCALE DRAWING							

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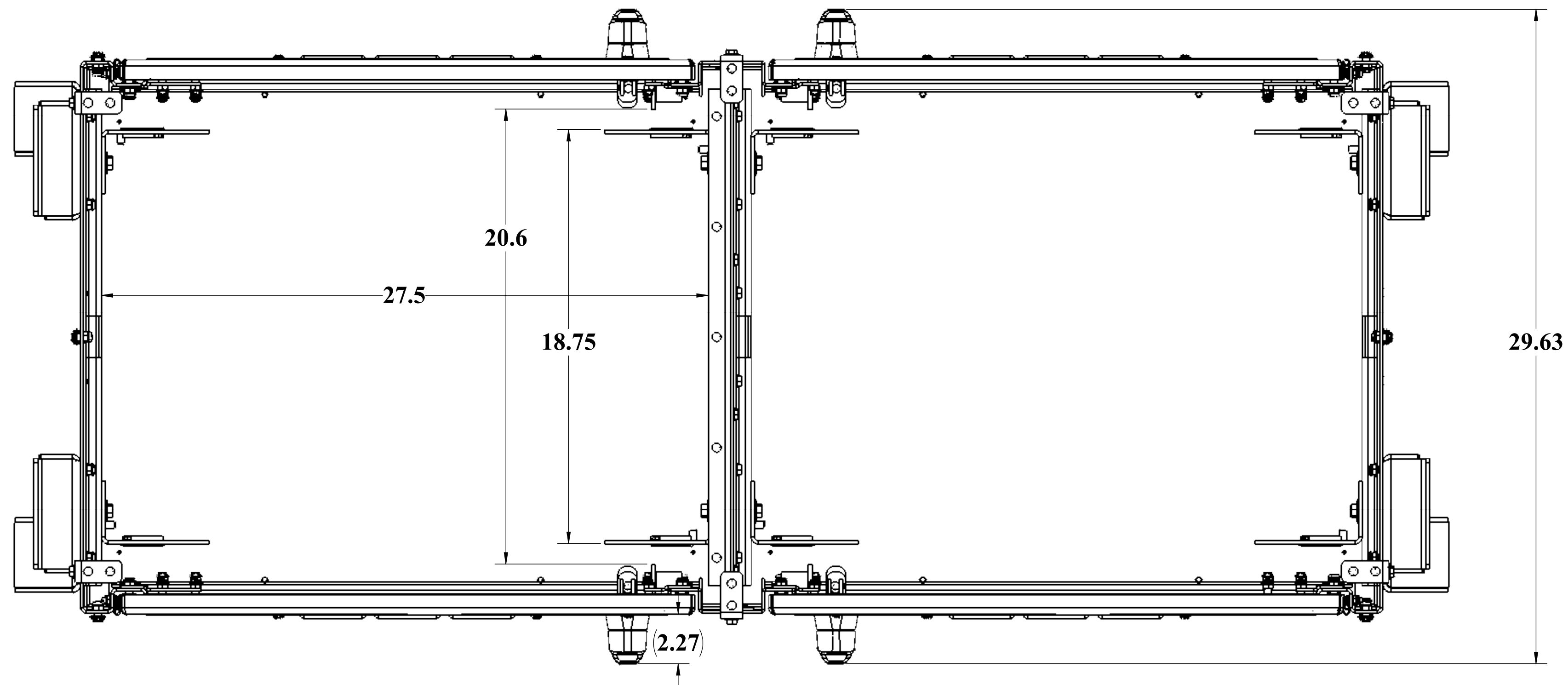
E

D

C

B

A



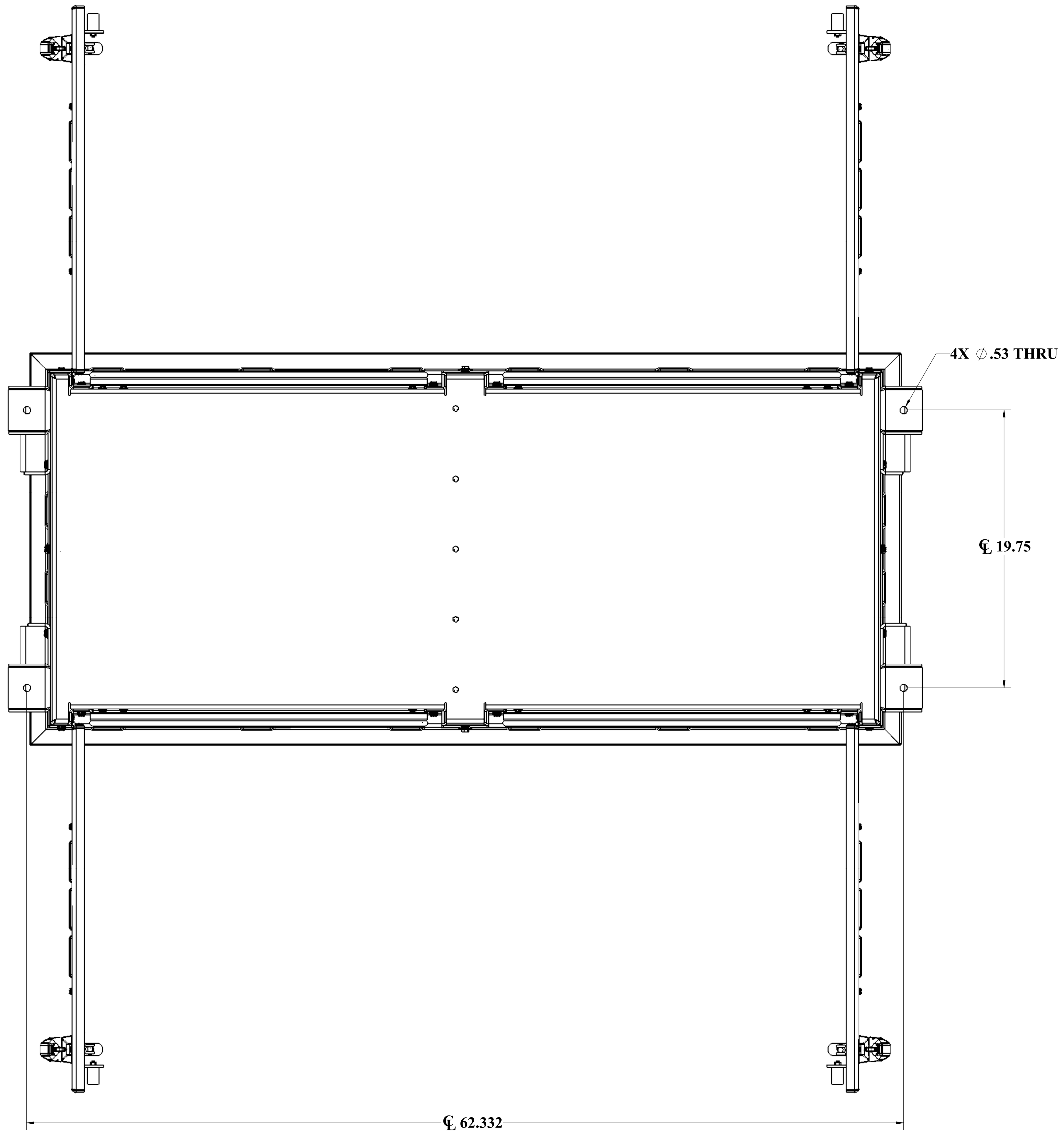
**TOP VIEW SOLAR SHIELD AND CEILING NOT SHOWN**

UNLESS OTHERWISE SPECIFIED:		<b>DDB Unlimited Inc.</b>	
DIMENSIONS ARE IN INCHES		20D-50DX (CLOSED)	
ANCHOR:		1"	
FRACTIONAL NO. DECIMAL:		±0.125	
ONE PLACE DECIMAL:		±0.0625	
TWO PLACE DECIMAL:		±0.03125	
THREE PLACE DECIMAL:		±0.015625	
ALL HOLES: ±0.0031			
MATERIAL:	5032-H32 ASTM B209-04	SIZE	Cage Code: DWG. NO.: REV
PAINT:	DIAMOND VOGEL, BEIGE GLOSS TEXTURE FT-408	D	385Y5 00963 C
<b>DO NOT SCALE DRAWING</b>		SCALE: 1:8	WEIGHT: 299 lbs. SHEET 2 OF 3

UNCLASSIFIED PUBLIC  
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8 7 6 5 4 3 2 1

H G F E D C B A



62.332

4X Ø.53 THRU

19.75

**MOUNTING HOLES**

UNLESS OTHERWISE SPECIFIED:		<b>DDB Unlimited Inc.</b>	
DIMENSIONS ARE IN INCHES		20D-50DX	
ANGULAR:	±1°	DWG. NO.: 00963	
FRACTIONAL NO DECIMAL:	±0.125	SIZE	REV
ONE PLACE DECIMAL:	±0.0625	Cage Code:	385Y5
TWO PLACE DECIMAL:	±0.03125	DWG. NO.:	00963
THREE PLACE DECIMAL:	±0.015625	SCALE:	1:8
ALL HOLES:	±0.0010	WEIGHT:	299 lbs.
MATERIAL:	5032-H32 ASTM B209-04	SHEET 3 OF 3	
PAINT:	DIAMOND VOGEL BEIGE GLOSS TEXTURE ET-628	DO NOT SCALE DRAWING	

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DDB FORM: 7.1-2-REV:K 08/02/17

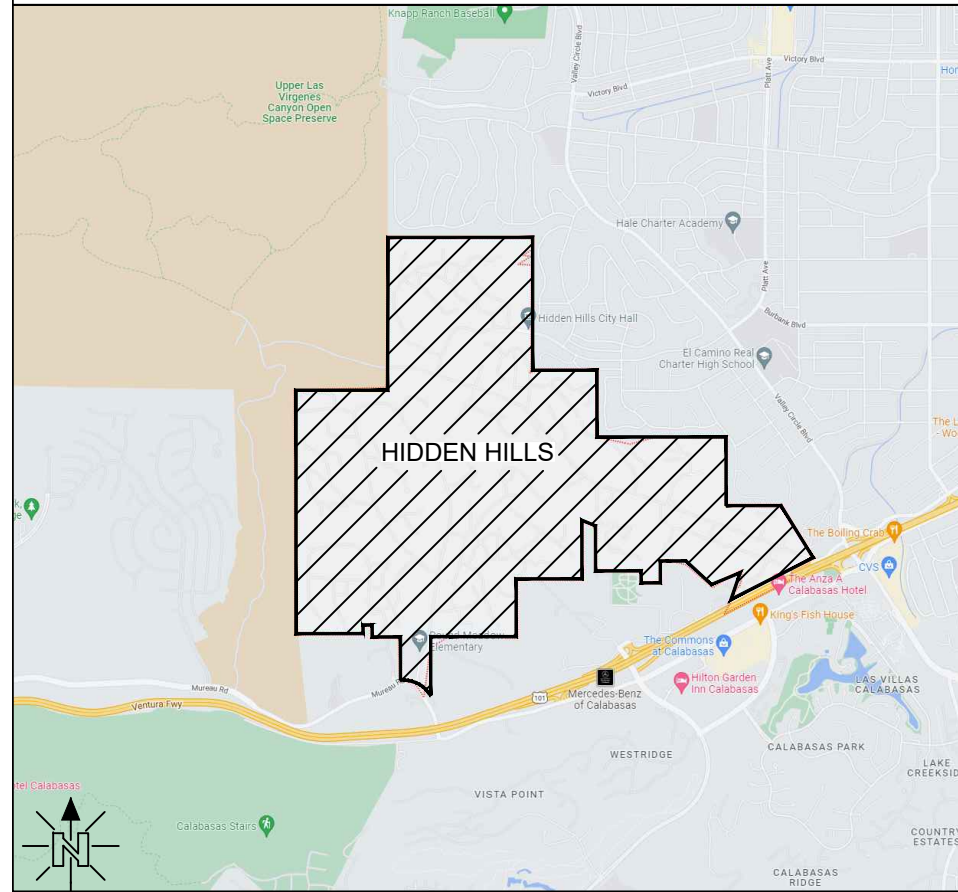


### JOB DESCRIPTION

THIS JOB WILL PLACE FIBER CABLE IN HIDDEN HILLS TO SERVE 684 UNITS  
 PHASE 1 - 63 UNITS & 4 CAMERAS  
 PHASE 2 - 174 UNITS, 8 CAMERAS & 1 GUARD SHACK  
 PHASE 3 - 131 UNITS & 15 CAMERAS  
 PHASE 4 - 177 UNITS, 4 CAMERAS + SMOKE CAMERA  
 PHASE 5 - 139 UNITS

### VICINITY MAP

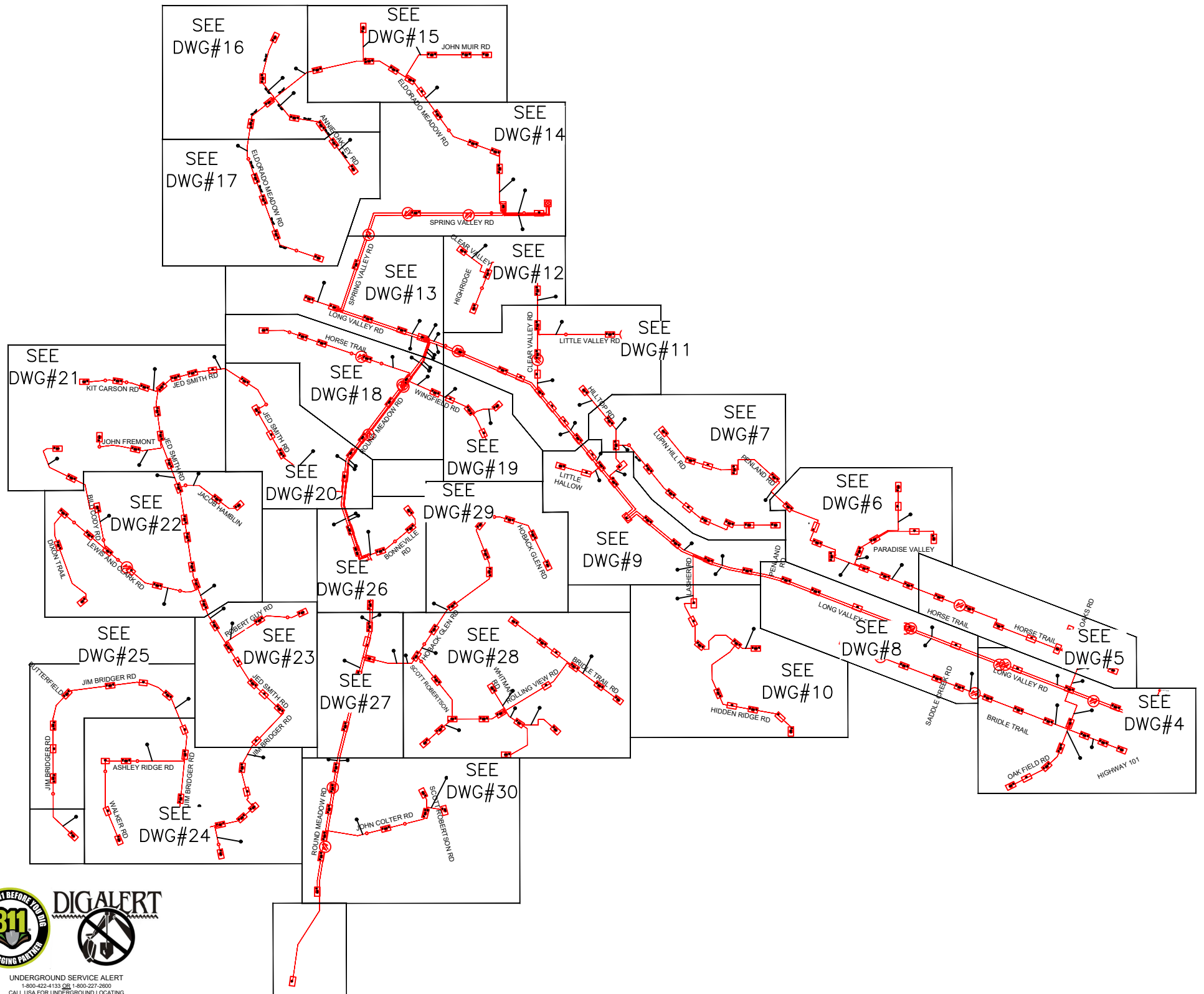
N.T.S.



### LEGEND

- |           |                                  |  |                    |
|-----------|----------------------------------|--|--------------------|
|           | GROUND ROD                       |  | FIBER CABLE        |
|           | FIBER ACCESS POINT - BUTT SPLICE |  | EXIST FIBER CABLE  |
|           | FIBER ACCESS POINT - MID SHEATH  |  | FUTURE FIBER CABLE |
|           | FIBER TERMINAL W/# DROPS         |  |                    |
|           | FDP (CABINET)                    |  |                    |
|           | PLAN MAP SPLICE LOCATION         |  |                    |
|           | STORAGE LOOP                     |  |                    |
| ACRONYMS: |                                  |  |                    |
| SFU       | SINGLE FAMILY UNIT               |  |                    |
| MDU       | MULTI DWELLING UNIT              |  |                    |
| BUS       | BUSINESS                         |  |                    |
| FUT       | FUTURE                           |  |                    |
- 
- |  |                            |
|--|----------------------------|
|  | # UNITS REQUIRED (SFU/MDU) |
|  | # SFU FIBERS REQUIRED      |
|  | # MDU FIBERS REQUIRED      |
|  | # BUS FIBERS REQUIRED      |
|  | # FUT/EXT FIBERS REQUIRED  |
|  | # TOTAL FIBERS REQUIRED    |
|  | # RIBBONS REQUIRED         |

### HIDDEN HILLS FIBER DESIGN - 684 SFU (+31 CAMERAS + 2 MISC)



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**COVER SHEET**  
 TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**  
 DWG 1 OF 33

VERSION  
06/12/2023  
 CONFIDENTIAL AND PROPRIETARY INFORMATION  
 THE INFORMATION CONTAINED HEREIN, IS NOT FOR USE OR  
 DISCLOSURE OUTSIDE PRAXIS OPTICAL NETWORKS, INC. OR THEIR  
 AFFILIATED COMPANIES EXCEPT UNDER WRITTEN AGREEMENT

SHEET INDEX	
DWG 1 - COVER PAGE	
DWG 2 - BILL OF MATERIALS	
DWG 3 - NOTES & DETAILS	
DWG 4 TO DWG 30 - FIBER DESIGN	
DWG 31 TO 32 - WIRING LIMITS	
DWG 33 TO 34 - PLAN MAP	

FIBER OPTIC CLOSURE SCHEDULE															
SPLICE #	DWG#	SPLICE TYPE	CLOSURE TYPE	SPLICE #	DWG#	SPLICE TYPE	CLOSURE TYPE	SPLICE #	DWG#	SPLICE TYPE	CLOSURE TYPE	SPLICE #	DWG#	SPLICE TYPE	CLOSURE TYPE
1	25	MID-SHEATH	MPT + 12F YourX	61	18	MID-SHEATH	MPT-08	121	28	MID-SHEATH	MPT-08	181	6	MID-SHEATH	MPT-04
2	25	MID-SHEATH	MPT-08	62	18	MID-SHEATH	MPT-08	122	29	MID-SHEATH	MPT-08	182	6	MID-SHEATH	MPT-08
3	25	MID-SHEATH	MPT-08	63	18	MID-SHEATH	MPT + 12F YourX	123	29	MID-SHEATH	MPT-08	183	5	MID-SHEATH	MPT-08
4	25	MID-SHEATH	MPT + 12F YourX	64	18	MID-SHEATH	MPT + 12F YourX	124	29	MID-SHEATH	MPT-04	184	5	MID-SHEATH	MPT-08
5	25	MID-SHEATH	MPT-08	65	18	MID-SHEATH	FOSC CLOSURE	125	29	MID-SHEATH	MPT-08	185	5	MID-SHEATH	MPT-08
6	25	MID-SHEATH	MPT + 12F YourX	66	13	MID-SHEATH	MPT-04	126	29	MID-SHEATH	MPT-08	186	5	MID-SHEATH	MPT-08
7	24	MID-SHEATH	MPT-08	67	13	MID-SHEATH	MPT-04	127	29	MID-SHEATH	MPT-08	187	5	MID-SHEATH	FOSC CLOSURE
8	24	MID-SHEATH	MPT + 12F YourX	68	13	MID-SHEATH	MPT-08	128	29	MID-SHEATH	MPT-08	188	5	MID-SHEATH	MPT-08
9	24	MID-SHEATH	MPT-08	69	13	MID-SHEATH	MPT-08	129	28	MID-SHEATH	MPT-04	189	5	MID-SHEATH	FOSC CLOSURE
10	24	MID-SHEATH	MPT-08	70	14	MID-SHEATH	MPT-08	130	28	MID-SHEATH	FOSC CLOSURE	190	8	MID-SHEATH	MPT + 12F YourX
11	24	BUTT-SPLICE	FOSC CLOSURE	71	14	MID-SHEATH	MPT-04	131	27	MID-SHEATH	MPT-08	191	8	MID-SHEATH	MPT-08
12	24	MID-SHEATH	MPT-08	72	17	MID-SHEATH	MPT-08	132	26	MID-SHEATH	MPT-08	192	8	MID-SHEATH	MPT-08
13	24	MID-SHEATH	MPT-08	73	17	MID-SHEATH	MPT-08	133	26	MID-SHEATH	MPT-08	193	8	MID-SHEATH	MPT-04
14	24	MID-SHEATH	MPT + 12F YourX	74	17	MID-SHEATH	MPT-08	134	26	MID-SHEATH	MPT-08	194	4	MID-SHEATH	MPT-04
15	23	MID-SHEATH	MPT-08	75	17	MID-SHEATH	MPT-04	135	26	MID-SHEATH	MPT-08	195	4	MID-SHEATH	MPT-04
16	23	MID-SHEATH	MPT + 12F YourX	76	16	MID-SHEATH	MPT-02	136	26	MID-SHEATH	MPT-08	196	4	MID-SHEATH	MPT-08
17	23	MID-SHEATH	MPT-08	77	17	MID-SHEATH	MPT-08	137	11	MID-SHEATH	MPT-08	197	4	MID-SHEATH	MPT + 12F YourX
18	23	MID-SHEATH	MPT-04	78	17	MID-SHEATH	MPT-08	138	11	MID-SHEATH	MPT-04	198	4	MID-SHEATH	MPT-08
19	23	MID-SHEATH	FOSC CLOSURE	79	16	MID-SHEATH	MPT-08	139	12	MID-SHEATH	MPT-08	199	4	MID-SHEATH	MPT-04
20	23	MID-SHEATH	MPT-08	80	16	MID-SHEATH	MPT-08	140	12	MID-SHEATH	MPT-08	200	4	MID-SHEATH	MPT-04
21	22	MID-SHEATH	MPT-08	81	16	MID-SHEATH	MPT-08	141	12	MID-SHEATH	MPT-08	201	4	MID-SHEATH	MPT-04
22	22	MID-SHEATH	MPT-08	82	16	MID-SHEATH	MPT-08	142	12	MID-SHEATH	MPT-04	202	4	MID-SHEATH	MPT-04
23	22	MID-SHEATH	MPT-04	83	16	MID-SHEATH	FOSC CLOSURE	143	11	MID-SHEATH	MPT + 12F YourX	203	4	MID-SHEATH	MPT-04
24	22	MID-SHEATH	MPT-08	84	15	MID-SHEATH	MPT + 12F YourX	144	11	MID-SHEATH	MPT-08	204	4	MID-SHEATH	MPT-08
25	22	MID-SHEATH	MPT-04	85	15	MID-SHEATH	MPT-08	145	11	MID-SHEATH	FOSC CLOSURE	205	24	MID-SHEATH	FOSC CLOSURE
26	21	MID-SHEATH	MPT-02	86	15	MID-SHEATH	FOSC CLOSURE	146	11	MID-SHEATH	MPT-08	206	21	MID-SHEATH	FOSC CLOSURE
27	21	MID-SHEATH	MPT-04	87	15	MID-SHEATH	MPT-08	147	11	MID-SHEATH	MPT-02	207	27	BUTT-SPLICE	FOSC CLOSURE
28	22	MID-SHEATH	MPT-04	88	15	MID-SHEATH	MPT-08	148	9	MID-SHEATH	MPT-08	208	28	MID-SHEATH	FOSC CLOSURE
29	22	MID-SHEATH	FOSC CLOSURE	89	15	MID-SHEATH	MPT-08	149	7	MID-SHEATH	MPT-04	209	28	MID-SHEATH	FOSC CLOSURE
30	22	MID-SHEATH	MPT-04	90	15	MID-SHEATH	MPT-04	150	7	MID-SHEATH	MPT-08	206	21	MID-SHEATH	FOSC CLOSURE
31	22	BUTT-SPLICE	FOSC CLOSURE	91	15	MID-SHEATH	FOSC CLOSURE	151	7	MID-SHEATH	MPT-08	211	13	BUTT-SPLICE	FOSC CLOSURE
32	22	MID-SHEATH	MPT-08	92	14	MID-SHEATH	MPT + 12F YourX	152	7	MID-SHEATH	MPT-04	212	14	CABINET	CABINET
33	22	MID-SHEATH	MPT-08	93	14	MID-SHEATH	MPT-08	153	7	MID-SHEATH	MPT-08	213	11	BUTT-SPLICE	FOSC CLOSURE
34	22	MID-SHEATH	MPT-02	94	14	MID-SHEATH	MPT-08	154	7	MID-SHEATH	MPT-04	214	12	BUTT-SPLICE	FOSC CLOSURE
35	22	MID-SHEATH	MPT + 12F YourX	95	14	MID-SHEATH	MPT + 12F YourX	155	11	MID-SHEATH	MPT + 12F YourX	215	9	BUTT-SPLICE	FOSC CLOSURE
36	22	MID-SHEATH	MPT-02	96	30	MID-SHEATH	MPT-08	156	7	MID-SHEATH	MPT-08	216	10	MID-SHEATH	FOSC CLOSURE
37	22	MID-SHEATH	FOSC CLOSURE	97	30	MID-SHEATH	MPT-08	157	7	MID-SHEATH	FOSC CLOSURE	217	6	BUTT-SPLICE	FOSC CLOSURE
38	21	MID-SHEATH	MPT + 12F YourX	98	30	MID-SHEATH	MPT-08	158	9	MID-SHEATH	FOSC CLOSURE	218	4	BUTT-SPLICE	FOSC CLOSURE
39	21	MID-SHEATH	MPT-08	99	30	MID-SHEATH	MPT-08	159	9	MID-SHEATH	MPT-04	219	4	BUTT-SPLICE	FOSC CLOSURE
40	21	MID-SHEATH	MPT-08	100	30	MID-SHEATH	FOSC CLOSURE	160	9	MID-SHEATH	MPT-08	220	4	CABINET	CABINET
41	21	MID-SHEATH	FOSC CLOSURE	101	30	MID-SHEATH	MPT-08	161	10	MID-SHEATH	MPT + 12F YourX	221	13	MID-SHEATH	FOSC CLOSURE
42	21	MID-SHEATH	MPT-04	102	30	MID-SHEATH	FOSC CLOSURE	162	10	MID-SHEATH	MPT-08				
43	21	MID-SHEATH	MPT + 12F YourX	103	30	MID-SHEATH	MPT-04	163	10	MID-SHEATH	MPT-08				
44	21	MID-SHEATH	MPT-08	104	30	MID-SHEATH	MPT-08	164	10	MID-SHEATH	MPT-04				
45	21	MID-SHEATH	MPT-04	105	30	MID-SHEATH	MPT-08	165	10	MID-SHEATH	MPT-08				
46	21	MID-SHEATH	MPT-04	106	27	MID-SHEATH	MPT-04	166	9	BUTT-SPLICE	FOSC CLOSURE				
47	21	MID-SHEATH	MPT-04	107	27	MID-SHEATH	MPT-08	167	9	MID-SHEATH	MPT-04				
48	20	MID-SHEATH	MPT-08	108	27	MID-SHEATH	MPT-08	168	8	MID-SHEATH	MPT-04				
49	20	MID-SHEATH	MPT-08	109	28	MID-SHEATH	MPT-08	169	8	MID-SHEATH	MPT-04				
50	20	MID-SHEATH	MPT-08	110	28	MID-SHEATH	MPT-08	170	7	MID-SHEATH	MPT-08				
51	26	MID-SHEATH	MPT-04	111	28	MID-SHEATH	MPT-08	171	7	MID-SHEATH	MPT-08				
52	26	MID-SHEATH	MPT-08	112	28	MID-SHEATH	MPT + 12F YourX	172	7	MID-SHEATH	MPT-02				
53	20	BUTT-SPLICE	FOSC CLOSURE	113	28	MID-SHEATH	FOSC CLOSURE	173	7	MID-SHEATH	MPT-04				
54	20	MID-SHEATH	MPT-08	114	28	MID-SHEATH	MPT-08	174	6	MID-SHEATH	MPT-08				
55	18	MID-SHEATH	MPT-08	115	28	MID-SHEATH	MPT-08	175	6	MID-SHEATH	MPT-04				
56	18	MID-SHEATH	MPT-04	116	28	MID-SHEATH	FOSC CLOSURE	176	6	MID-SHEATH	MPT-04				
57	19	MID-SHEATH	MPT + 12F YourX	117	28	MID-SHEATH	MPT-08	177	6	MID-SHEATH	MPT + 12F YourX				
58	19	MID-SHEATH	MPT-08	118	28	MID-SHEATH	MPT-08	178	6	MID-SHEATH	MPT + 12F YourX				
59	19	MID-SHEATH	FOSC CLOSURE	119	28	MID-SHEATH	MPT-08	179	6	MID-SHEATH	FOSC CLOSURE				
60	18	MID-SHEATH	MPT-08	120	28	MID-SHEATH	MPT-08	180	6	MID-SHEATH	MPT-08				

FIBER MATERIAL SUMMARY	
ITEM	QTY (IN FEET)
24 FIBER CABLE	22,121
48 FIBER CABLE	26,589
72 FIBER CABLE	11,418
144 FIBER CABLE	46,335
288 FIBER CABLE	13,117
432 FIBER CABLE	11,130
576 FIBER CABLE	1,285
SPlicing SUMMARY	
ITEM	QTY (EACH)
BUTT-SPLICE	12
MID-SHEATH	207
MPT-02	6
MPT-04	43
MPT-08	108
MPT + 12F YourX	23
FOSC CLOSURE	39



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**BILL OF MATERIALS**  
 TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**  
 DWG 2 OF 34

VERSION  
06/12/2023  
 CONFIDENTIAL AND PROPRIETARY INFORMATION  
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844-994-4448

JOB NO. HIDDEN HILLS - ALL PHASES

LOCATION HIDDEN HILLS, CA

ENGR JOY PADILLA

TEL 909-457-8448

SUBJECT

TYPICAL NOTES & DETAILS

TYPE OF CONST

UNDERGROUND FIBER DESIGN

DWG 2 OF 34

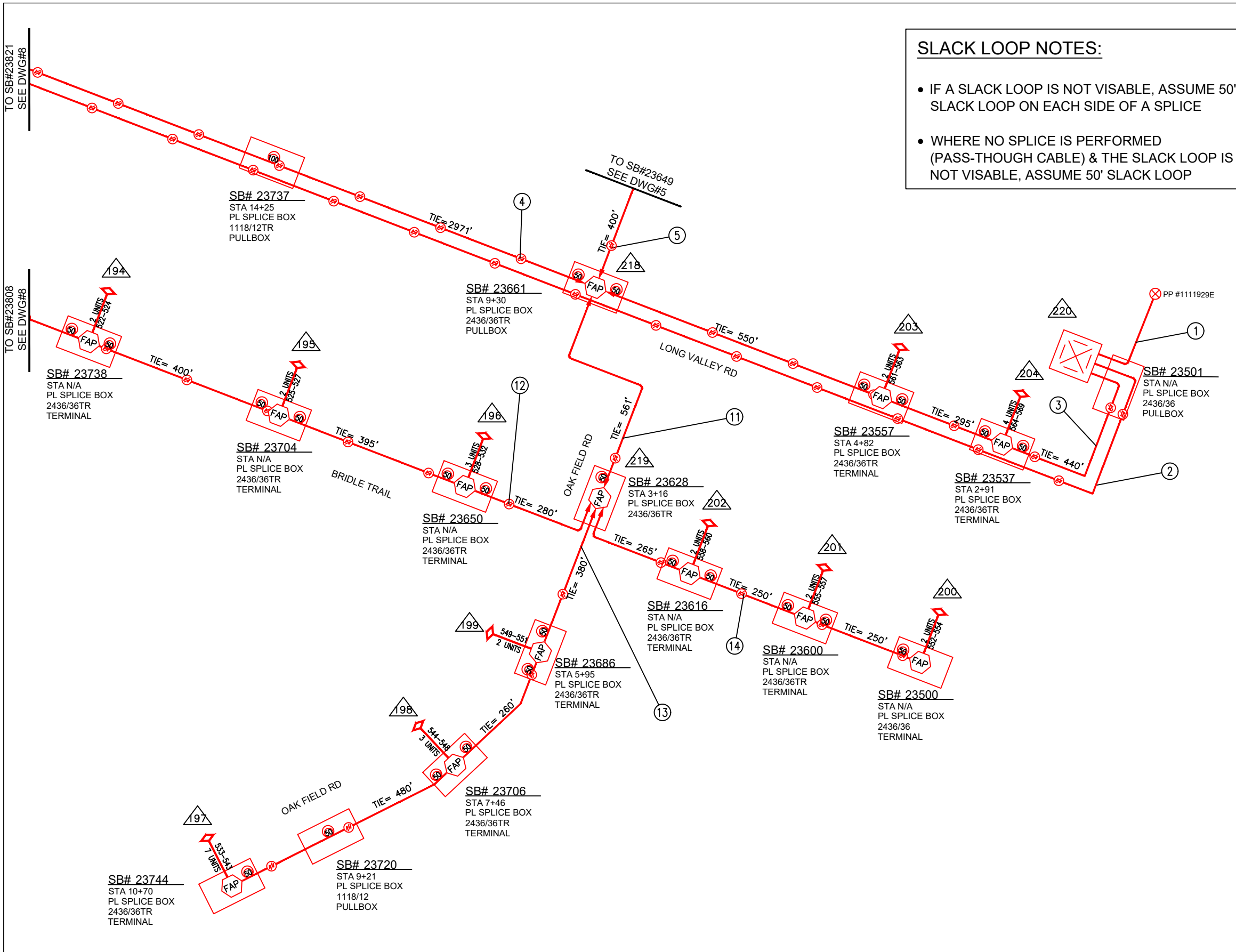
VERSION

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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

- ① PL 165'  
24 FIBER  
A, 1-24
- ② PL 9410'  
144 FIBER  
A, 1-144
- ③ PL 1285'  
576 FIBER  
23501LVR, 1-569  
A, 570-576
- ④ PL 4263'  
432 FIBER  
23501LVR, 1-390  
A, 391-432
- ⑤ PL 6579'  
144 FIBER  
23501LVR, 391-495  
A, 106-144
- ⑪ PL 561'  
72 FIBER  
23501LVR, 496-560  
A, 66-72
- ⑫ PL 2927'  
48 FIBER  
23501LVR, 496-532  
A, 38-48
- ⑬ PL 1120'  
24 FIBER  
23501LVR, 533-551  
A, 20-24
- ⑭ PL 765'  
24 FIBER  
23501LVR, 552-560  
A, 10-24



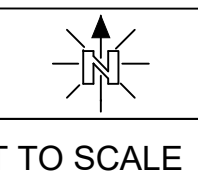
JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

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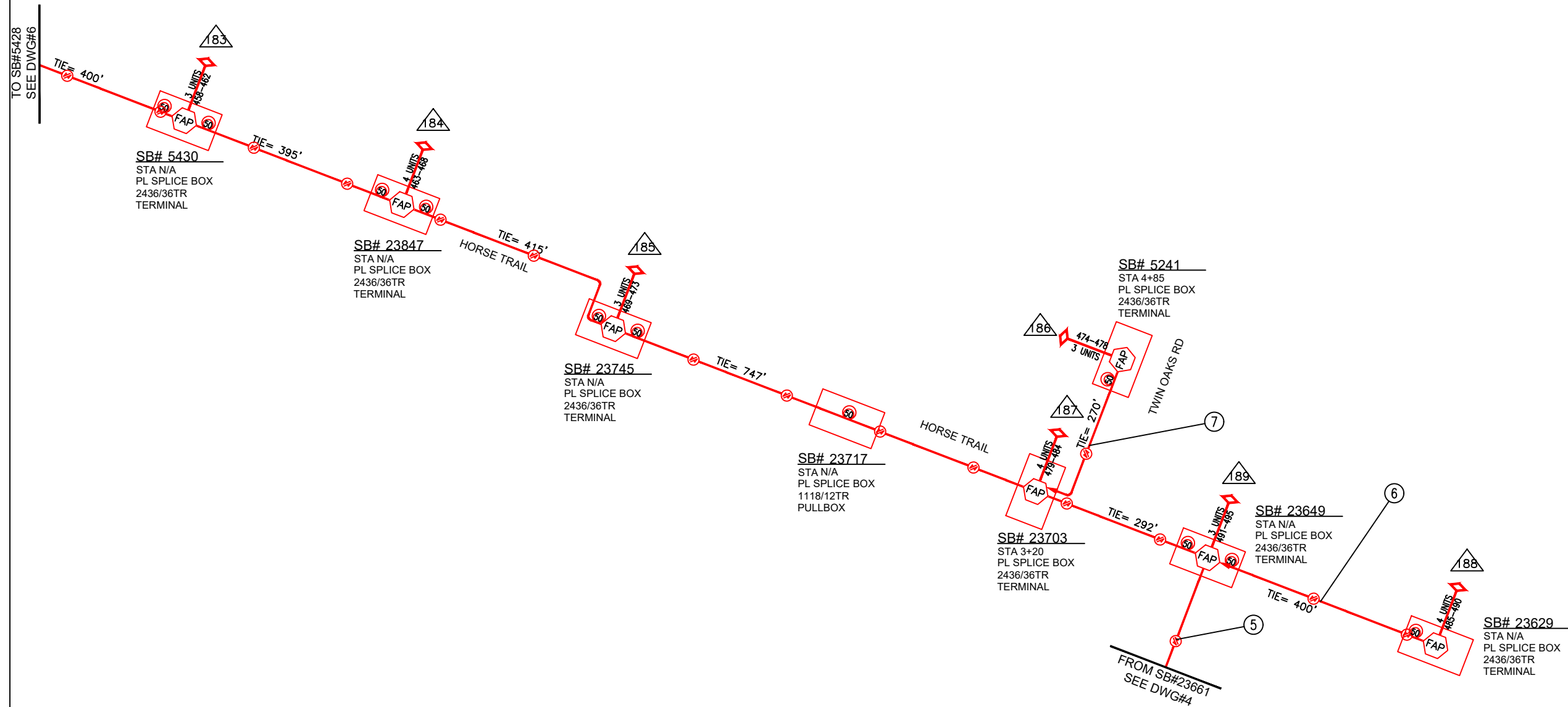
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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

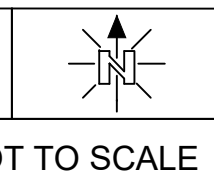
- ⑤ PL ON DWG #4  
144 FIBER  
23501LVR, 391-495  
A, 106-144
- ⑥ PL 400'  
24 FIBER  
23501LVR, 485-495  
A, 7-24
- ⑦ PL 270'  
24 FIBER  
23501LVR, 474-478  
A, 6-24



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT FIBER DESIGN  
 TYPE OF CONST UNDERGROUND FIBER DESIGN  
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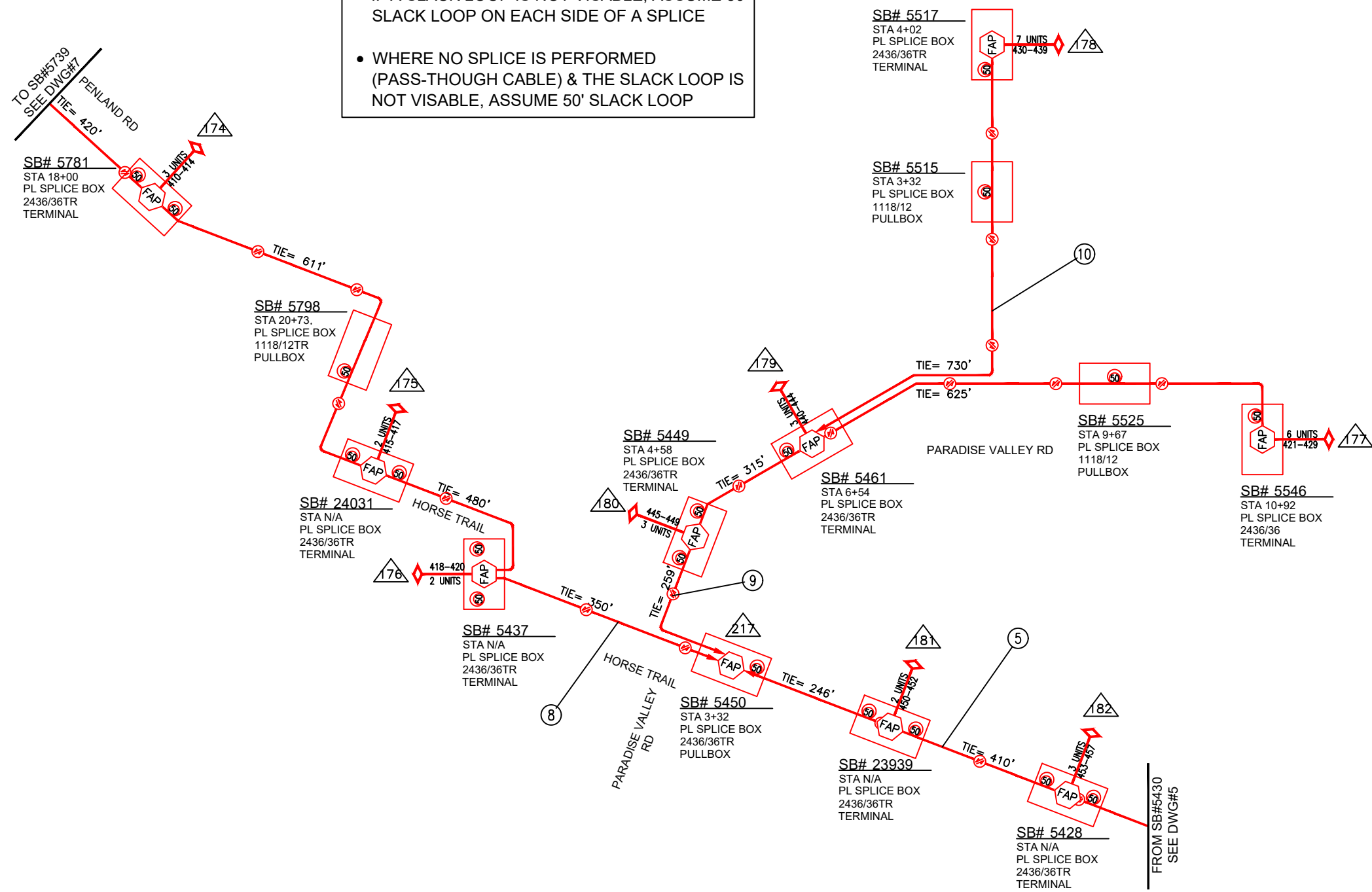
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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THROUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

- ⑦ PL ON DWG #6  
24 FIBER  
23501LVR, 474-478  
A, 6-24
- ⑧ PL 3324'  
48 FIBER  
23501LVR, 391-420  
A, 31-48
- ⑨ PL 1199'  
48 FIBER  
23501LVR, 421-449  
A, 30-48
- ⑩ PL 730'  
24 FIBER  
23501LVR, 430-439  
A, 11-24



TO SB#  
SEE DWG#

FROM SB#5430  
SEE DWG#5

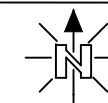


844-994-4448

JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**  
 TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**  
 DWG 6 OF 34

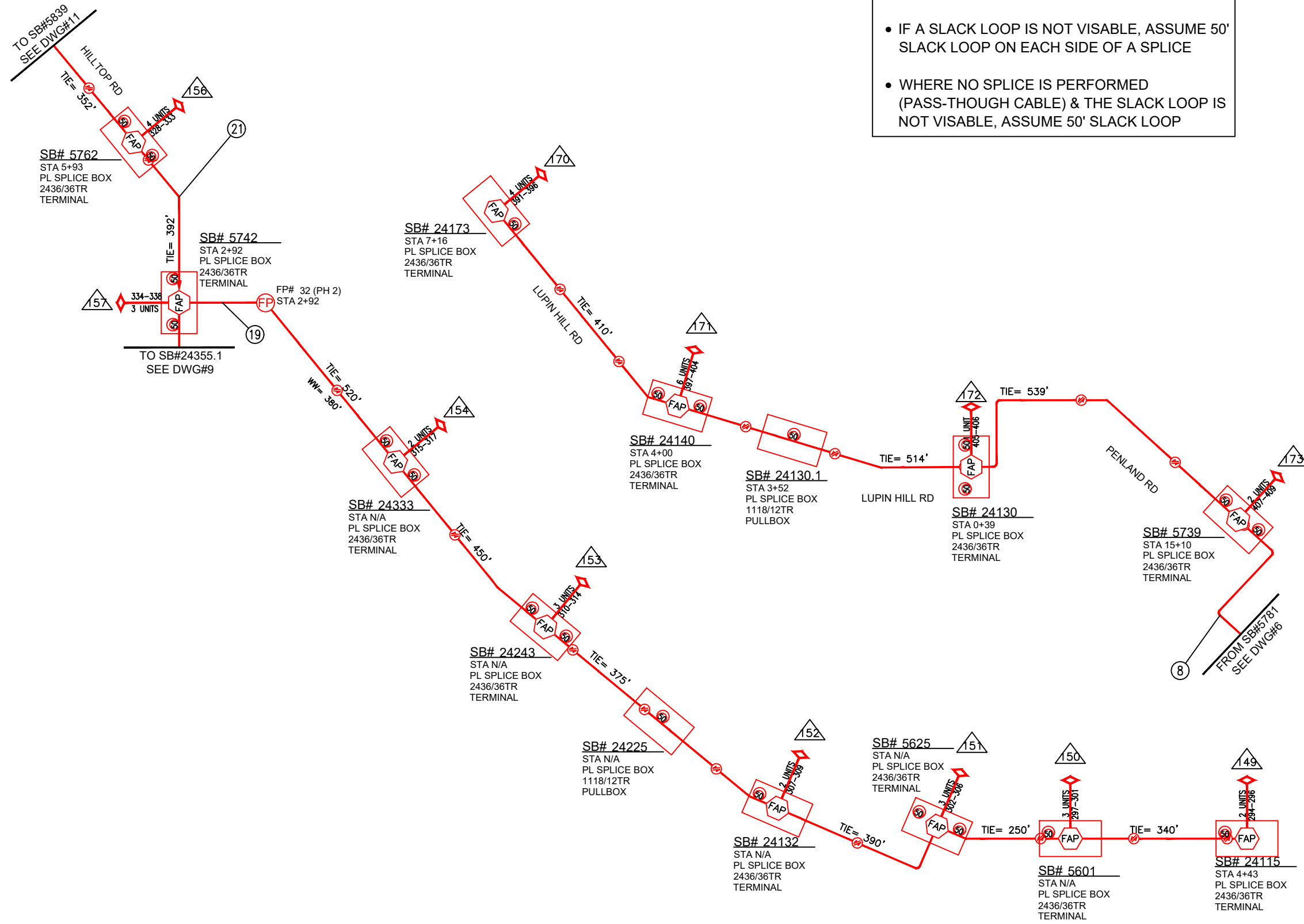
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SCALE: NOT TO SCALE

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- DWG 4 TO DWG 30 - FIBER DESIGN
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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

- ⑧ PL ON DWG #6  
48 FIBER  
23501LVR, 391-420  
A, 31-48
- ⑱ PL ON DWG #7  
48 FIBER  
23501LVR, 294-338  
A, 46-48
- ⑳ PL ON DWG #11  
24 FIBER  
23501LVR, 318-333  
A, 17-24



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

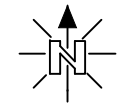
SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

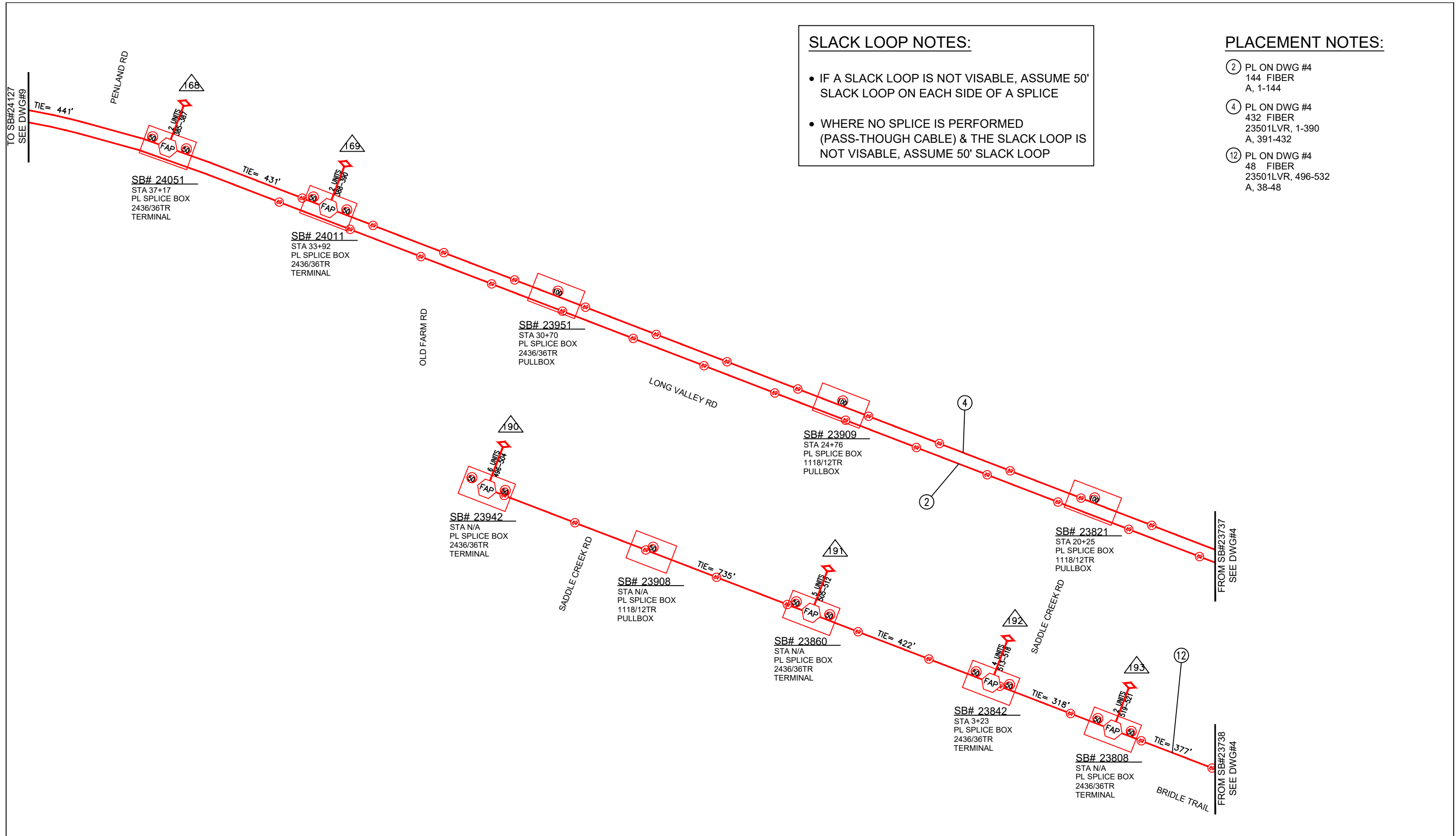
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SCALE: NOT TO SCALE



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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

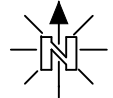
- ② PL ON DWG #4  
144 FIBER  
A, 1-144
- ④ PL ON DWG #4  
432 FIBER  
23501LVR, 1-390  
A, 391-432
- ⑫ PL ON DWG #4  
48 FIBER  
23501LVR, 496-532  
A, 38-48



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT FIBER DESIGN  
 TYPE OF CONST UNDERGROUND FIBER DESIGN  
 DWG 8 OF 34

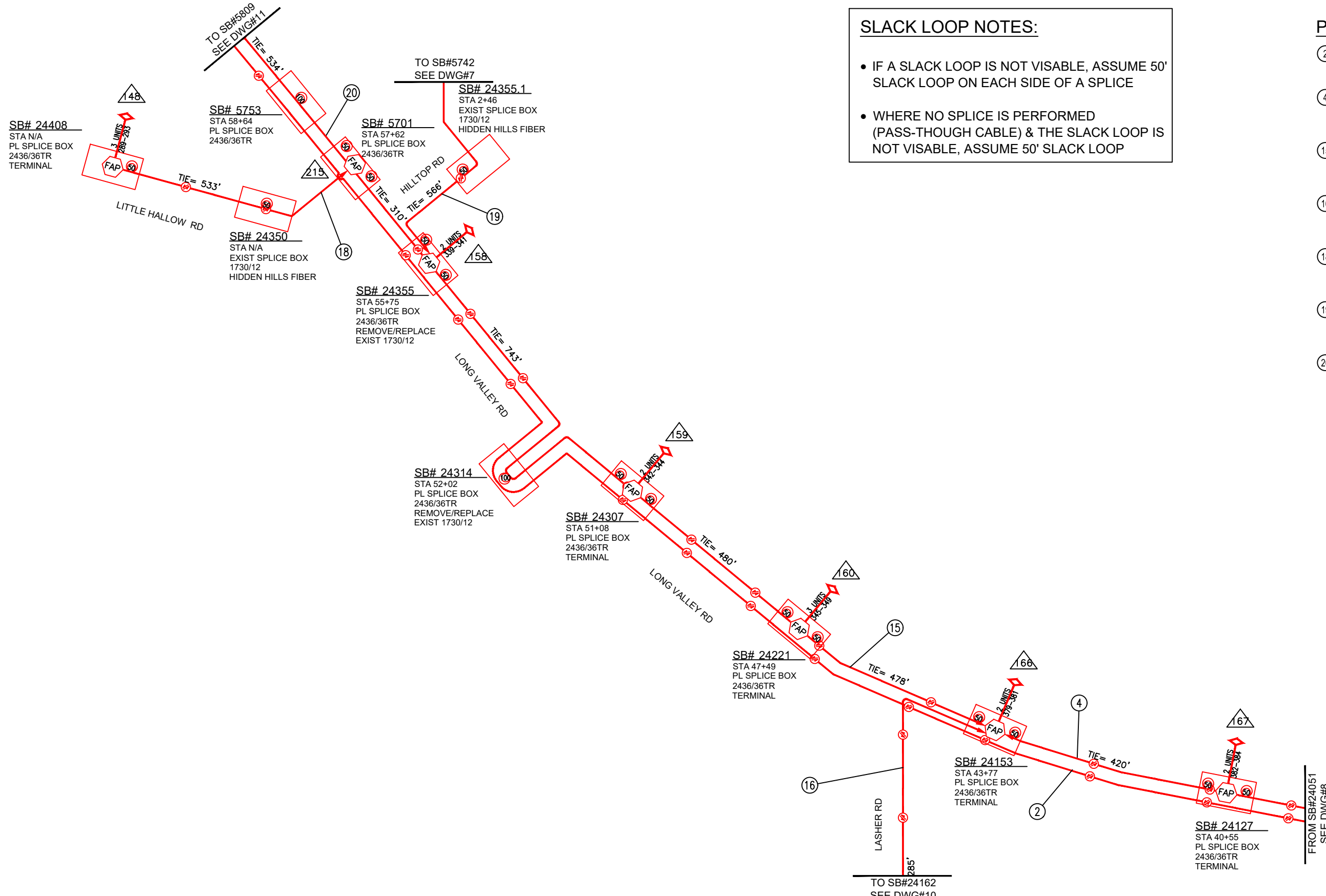
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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

- PLACEMENT NOTES:**
- ② PL ON DWG #4  
144 FIBER  
A, 1-144
  - ④ PL ON DWG #4  
432 FIBER  
23501LVR, 1-390  
A, 391-432
  - ⑫ PL 2011'  
432 FIBER  
23501LVR, 1-349  
A, 350-432
  - ⑬ PL 3419'  
48 FIBER  
23501LVR, 350-378  
A, 30-48
  - ⑱ PL 533'  
24 FIBER  
23501LVR, 289-293  
A, 6-24
  - ⑲ PL 2891'  
48 FIBER  
23501LVR, 294-338  
A, 46-48
  - ⑳ PL 3071'  
288 FIBER  
23501LVR, 1-288



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

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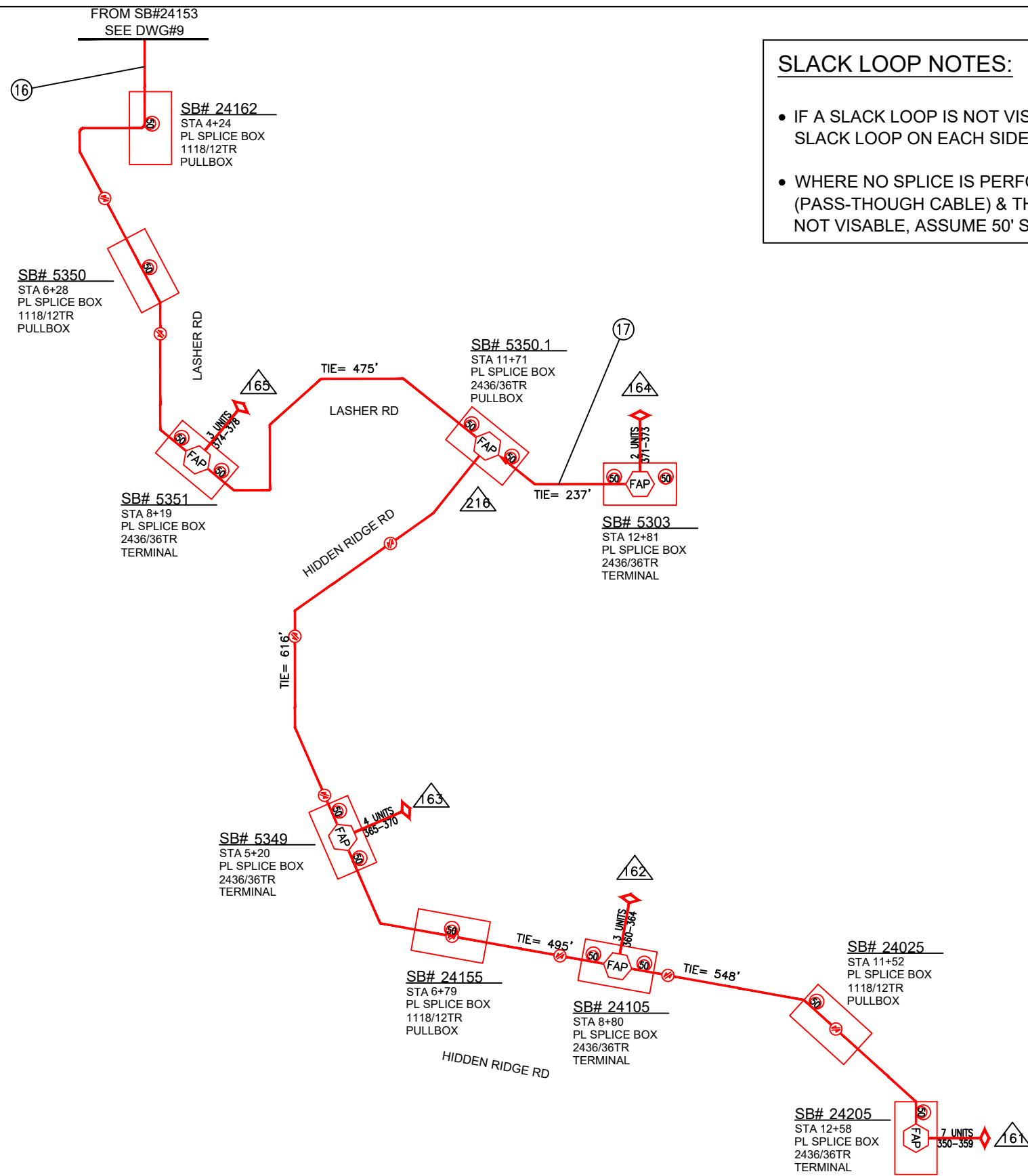
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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

- ①⑥ PL ON DWG #9  
48 FIBER  
23501LVR, 350-378  
A, 30-48
- ①⑦ PL 237'  
24 FIBER  
23501LVR, 371-373  
A, 4-24



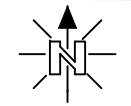
JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

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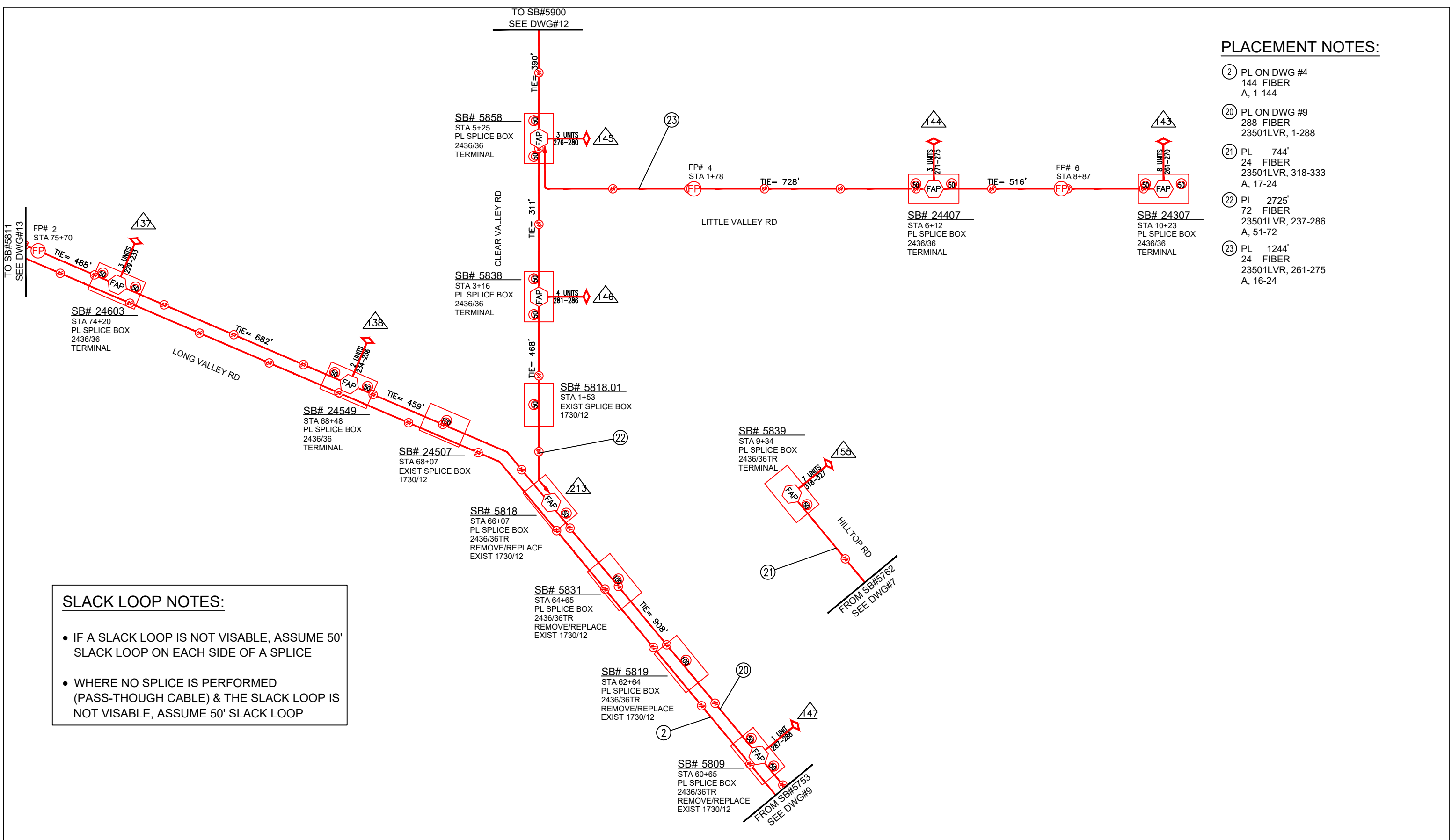
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 DWG 33 TO 34 - PLAN MAP



**PLACEMENT NOTES:**

- ② PL ON DWG #4  
144 FIBER  
A, 1-144
- ②⑩ PL ON DWG #9  
288 FIBER  
23501LVR, 1-288
- ②① PL 744'  
24 FIBER  
23501LVR, 318-333  
A, 17-24
- ②② PL 2725'  
72 FIBER  
23501LVR, 237-286  
A, 51-72
- ②③ PL 1244'  
24 FIBER  
23501LVR, 261-275  
A, 16-24

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THROUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

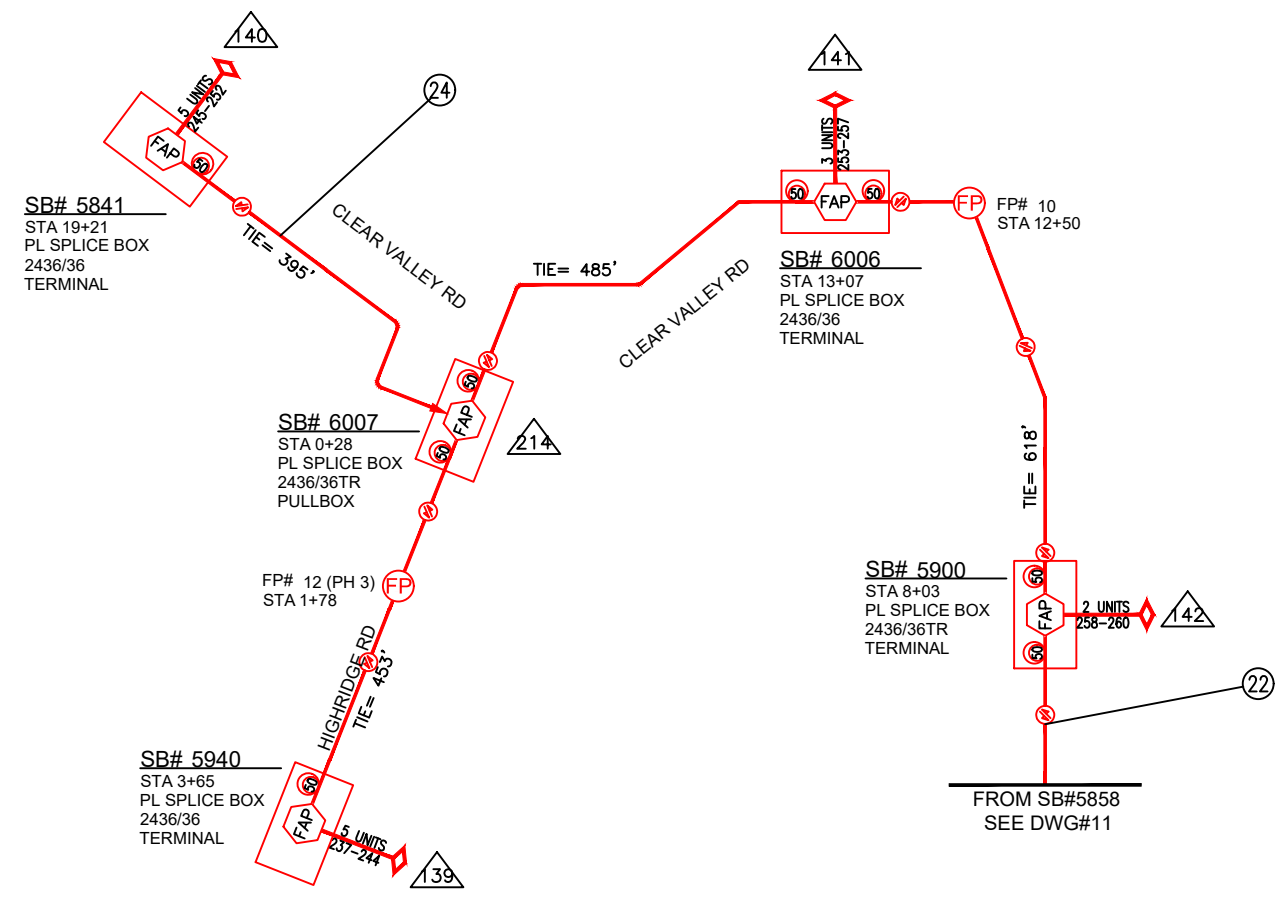
	JOB NO. <u>HIDDEN HILLS - ALL PHASES</u>	SUBJECT <b>FIBER DESIGN</b>	VERSION 06/12/2023		<b>SHEET INDEX</b> DWG 1 - COVER PAGE DWG 2 - BILL OF MATERIALS DWG 3 - NOTES & DETAILS DWG 4 TO DWG 30 - FIBER DESIGN DWG 31 TO 32 - WIRING LIMITS DWG 33 TO 34 - PLAN MAP
	LOCATION <u>HIDDEN HILLS, CA</u>	TYPE OF CONST <b>UNDERGROUND FIBER DESIGN</b>	<b>SCALE: NOT TO SCALE</b>		
ENGR <u>JOY PADILLA</u>	TEL <u>909-457-8448</u>	DWG <u>11</u> OF <u>34</u>			

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

- ②② PL ON DWG #11  
72 FIBER  
23501LVR, 237-286  
A, 51-72
- ②④ PL 395'  
24 FIBER  
23501LVR, 245-252  
A, 9-24

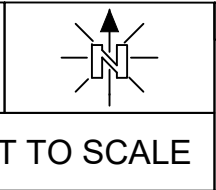


844-994-4448

JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

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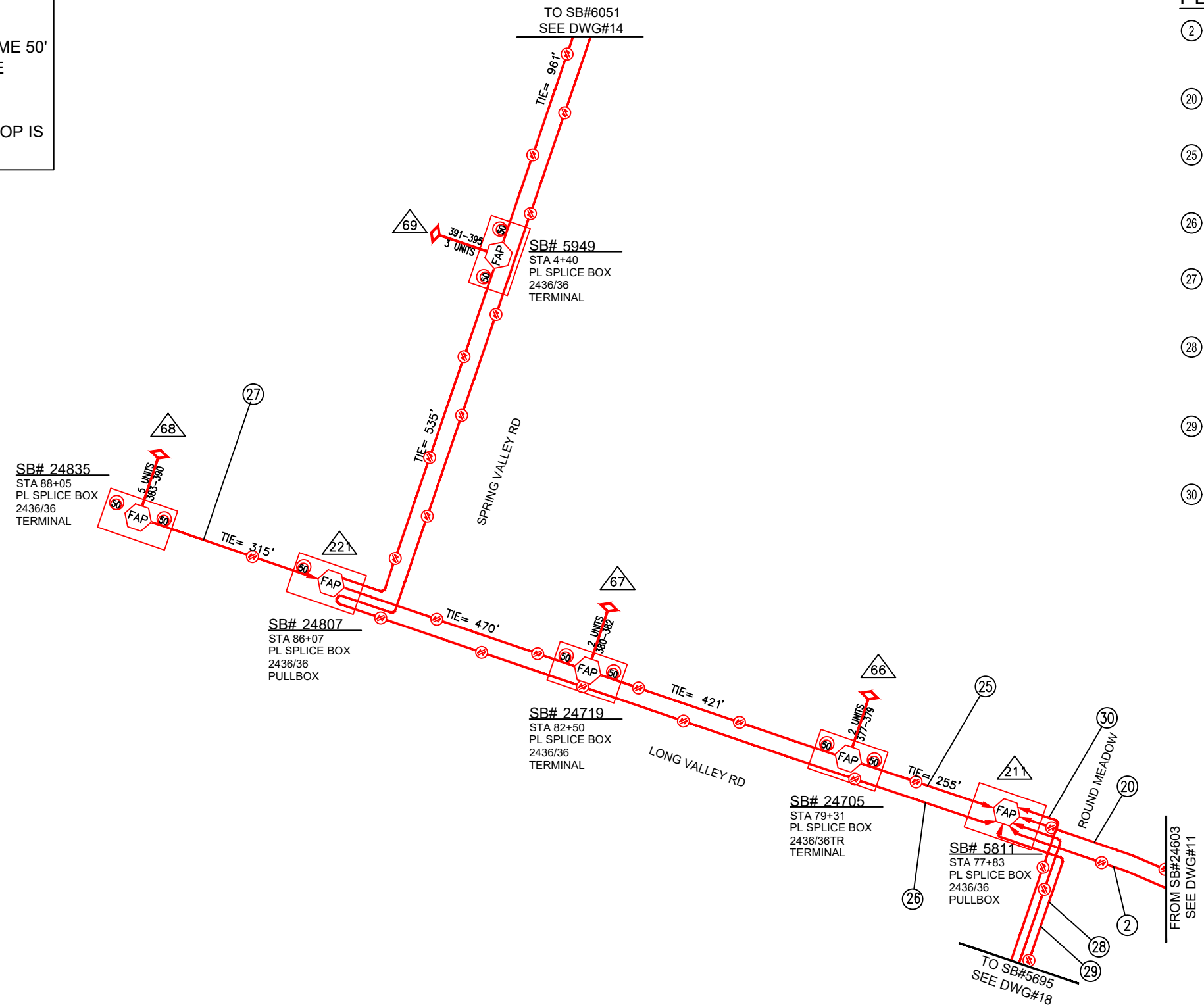
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DWG 33 TO 34 - PLAN MAP	

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

- ② PL ON DWG #4  
144 FIBER  
A, 1-144
- ⑩ PL ON DWG #9  
288 FIBER  
23501LVR, 1-288
- ⑫ PL 2886'  
432 FIBER  
6165SVR, 1-404  
A, 405-432
- ⑬ PL 3732'  
144 FIBER  
B, 1-144
- ⑭ PL 315'  
24 FIBER  
6165SVR, 383-390  
A, 9-24
- ⑮ PL 7741'  
144 FIBER  
A, 1-24  
B, 1-24  
C, 49-144
- ⑯ PL 4155'  
288 FIBER  
23501LVR, 1-228  
A, 229-288
- ⑰ PL 1970'  
432 FIBER  
6165SVR, 1-376  
A, 377-432



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

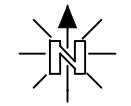
SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

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VERSION  
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SCALE: NOT TO SCALE

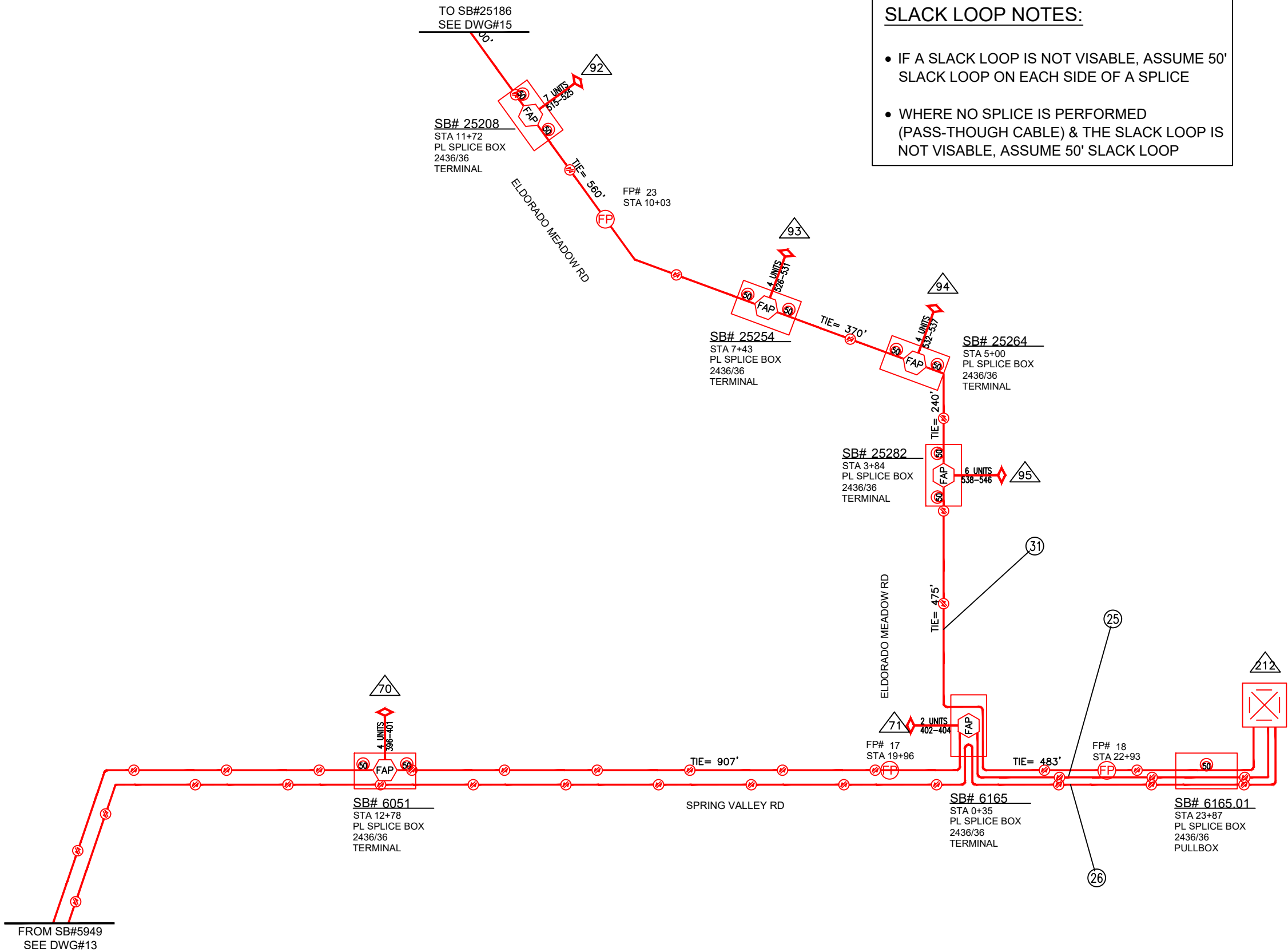


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DWG 33 TO 34 - PLAN MAP	

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

- PLACEMENT NOTES:**
- 25 PL ON DWG #13  
432 FIBER  
6165SVR, 1-404  
A, 405-432
  - 26 PL 3732'  
144 FIBER  
B, 1-144
  - 31 PL 6884'  
144 FIBER  
426-546  
A,143-144

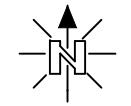


844-994-4448

JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT FIBER DESIGN  
 TYPE OF CONST UNDERGROUND FIBER DESIGN  
 DWG 14 OF 34

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SCALE: NOT TO SCALE

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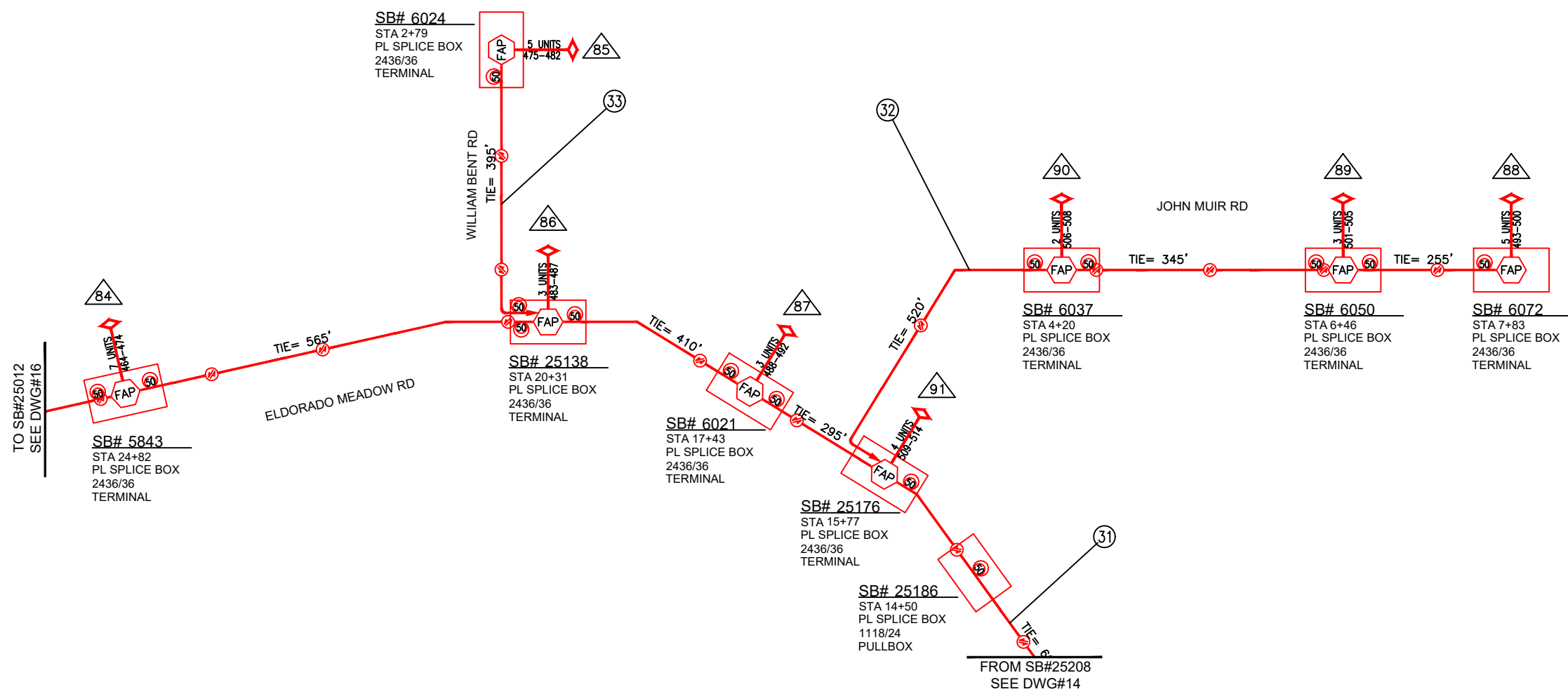
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- DWG 3 - NOTES & DETAILS
- DWG 4 TO DWG 30 - FIBER DESIGN
- DWG 31 TO 32 - WIRING LIMITS
- DWG 33 TO 34 - PLAN MAP

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

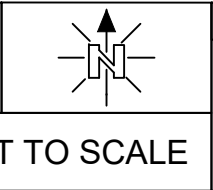
- ③1 PL ON DWG #14  
144 FIBER  
426-546  
A,143-144
- ③2 PL 1120'  
24 FIBER  
6165SVR, 493-508  
A, 17-24
- ③3 PL 395'  
24 FIBER  
6165SVR, 475-482  
A, 9-24



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT FIBER DESIGN  
 TYPE OF CONST UNDERGROUND FIBER DESIGN  
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DWG 33 TO 34 - PLAN MAP	

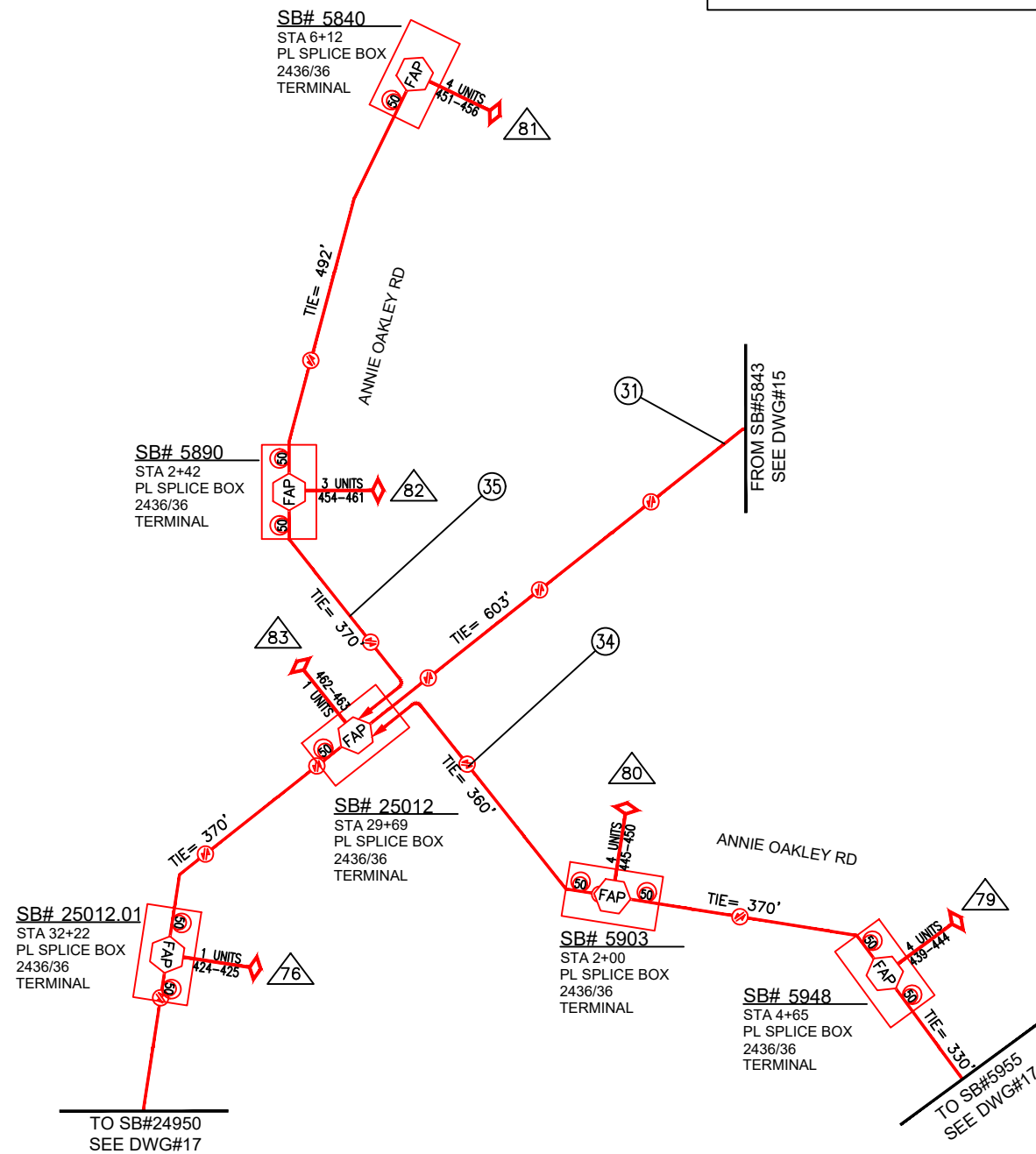
SCALE: NOT TO SCALE

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

- ③① PL ON DWG #14  
144 FIBER  
426-546  
A, 143-144
- ③④ PL 1465'  
48 FIBER  
6165SVR, 426-450  
A, 26-48
- ③⑤ PL 862'  
24 FIBER  
6165SVR, 451-461  
A, 12-12



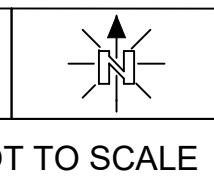
JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

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DWG 33 TO 34 - PLAN MAP	

SCALE: NOT TO SCALE

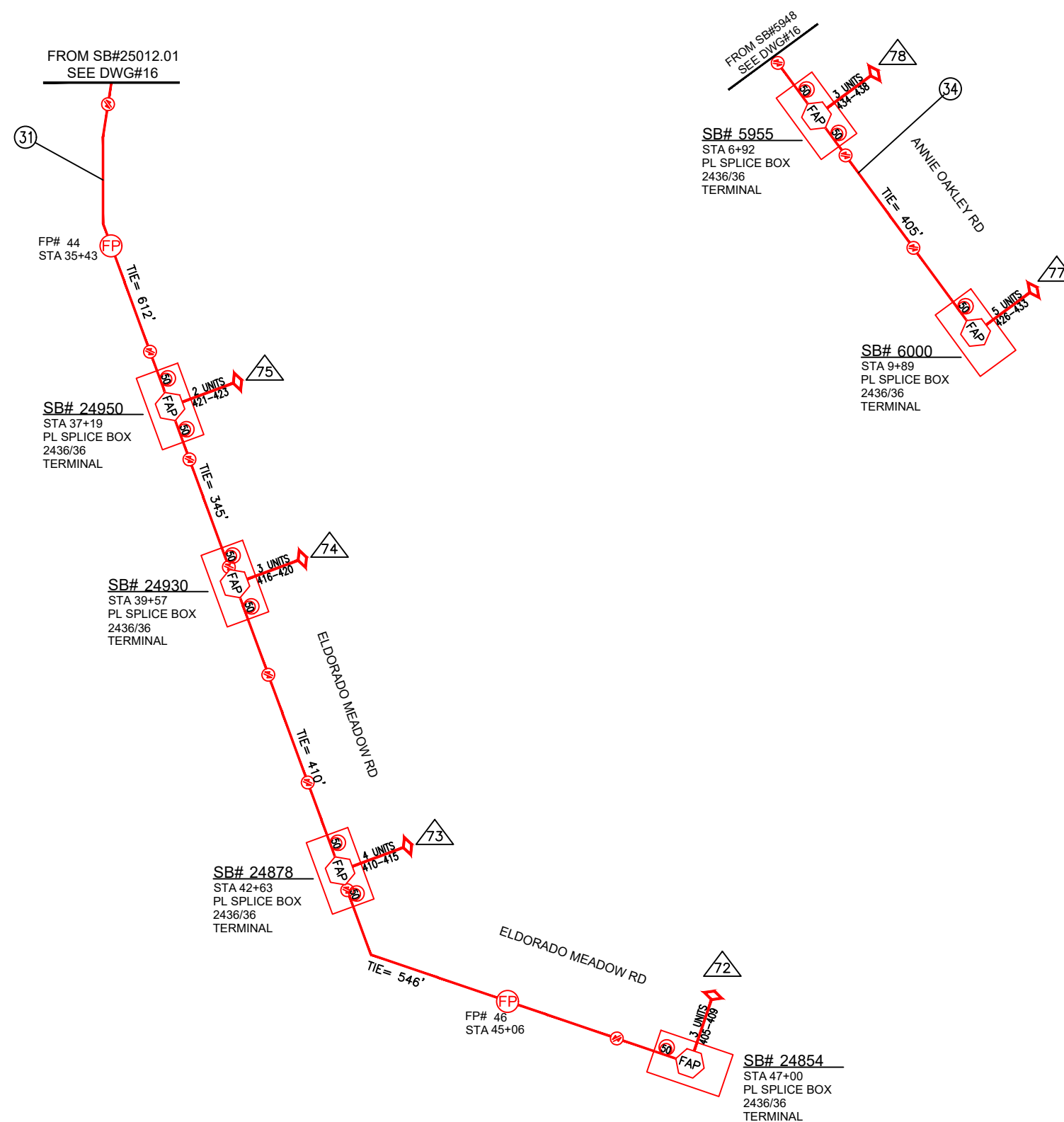


**PLACEMENT NOTES:**

- 31 PL ON DWG #14  
144 FIBER  
426-546  
A,143-144

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THROUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP



JOB NO. HIDDEN HILLS - ALL PHASES

LOCATION HIDDEN HILLS, CA

ENGR JOY PADILLA TEL 909-457-8448

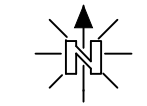
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**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

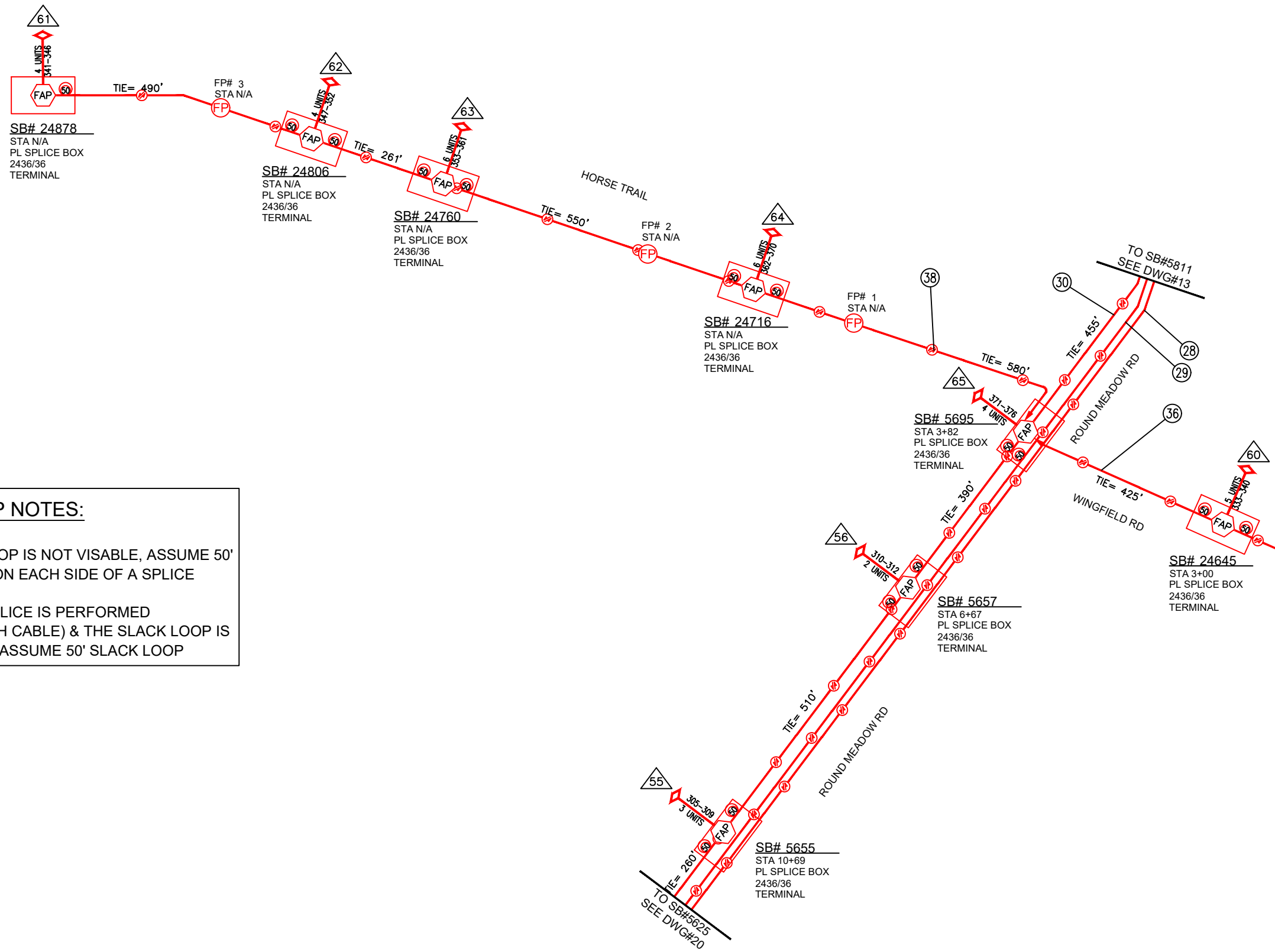
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SCALE: NOT TO SCALE



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**PLACEMENT NOTES:**

- 28 PL ON DWG #13  
144 FIBER  
A, 1-24  
B, 1-24  
C, 49-144
- 29 PL ON DWG #13  
288 FIBER  
23501LVR, 1-228  
A, 229-288
- 30 PL ON DWG #13  
432 FIBER  
6165SVR, 1-376  
A, 377-432
- 36 PL 1654'  
48 FIBER  
6165SVR, 313-340  
A, 29-48
- 38 PL 1881'  
48 FIBER  
6165SVR, 341-370  
A, 31-48

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

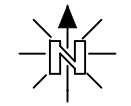
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**FIBER DESIGN**

TYPE OF CONST  
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SCALE: NOT TO SCALE



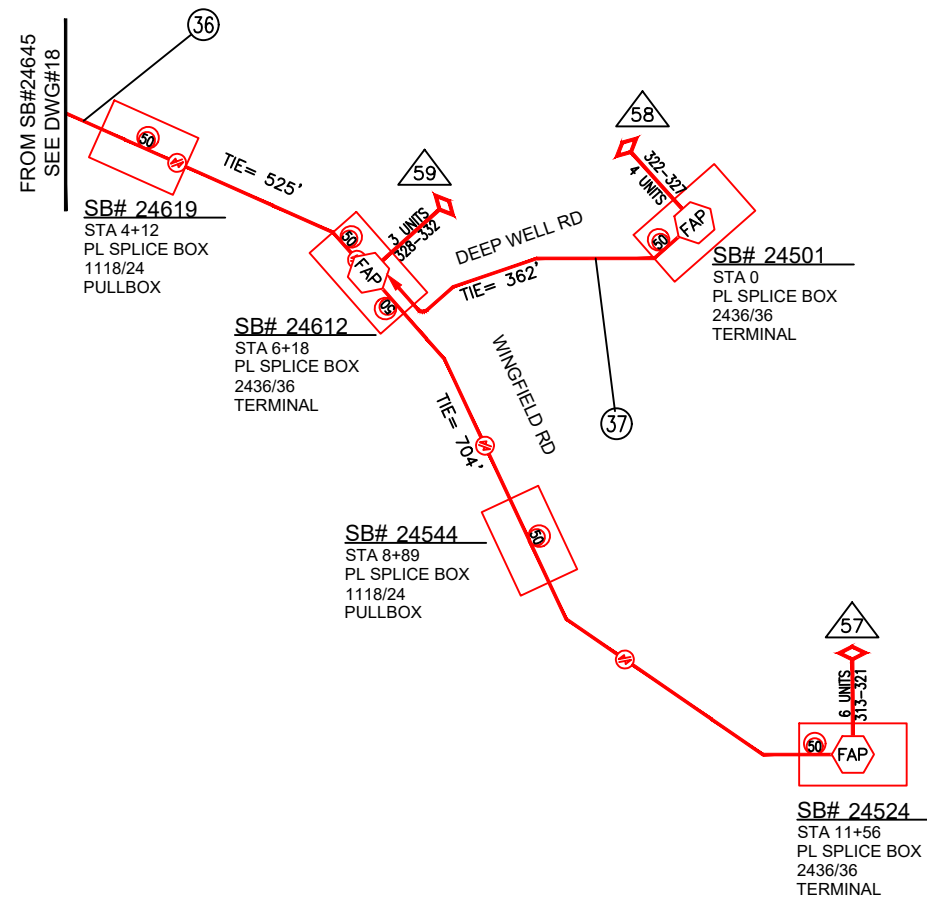
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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

- ③⑥ PL ON DWG #18  
48 FIBER  
6165SVR, 313-340  
A, 29-48
- ③⑦ PL 362'  
24 FIBER  
6165SVR, 322-327  
A, 7-24



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JOB NO. HIDDEN HILLS - ALL PHASES

LOCATION HIDDEN HILLS, CA

ENGR JOY PADILLA

TEL 909-457-8448

SUBJECT

**FIBER DESIGN**

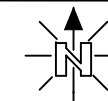
TYPE OF CONST

**UNDERGROUND FIBER DESIGN**

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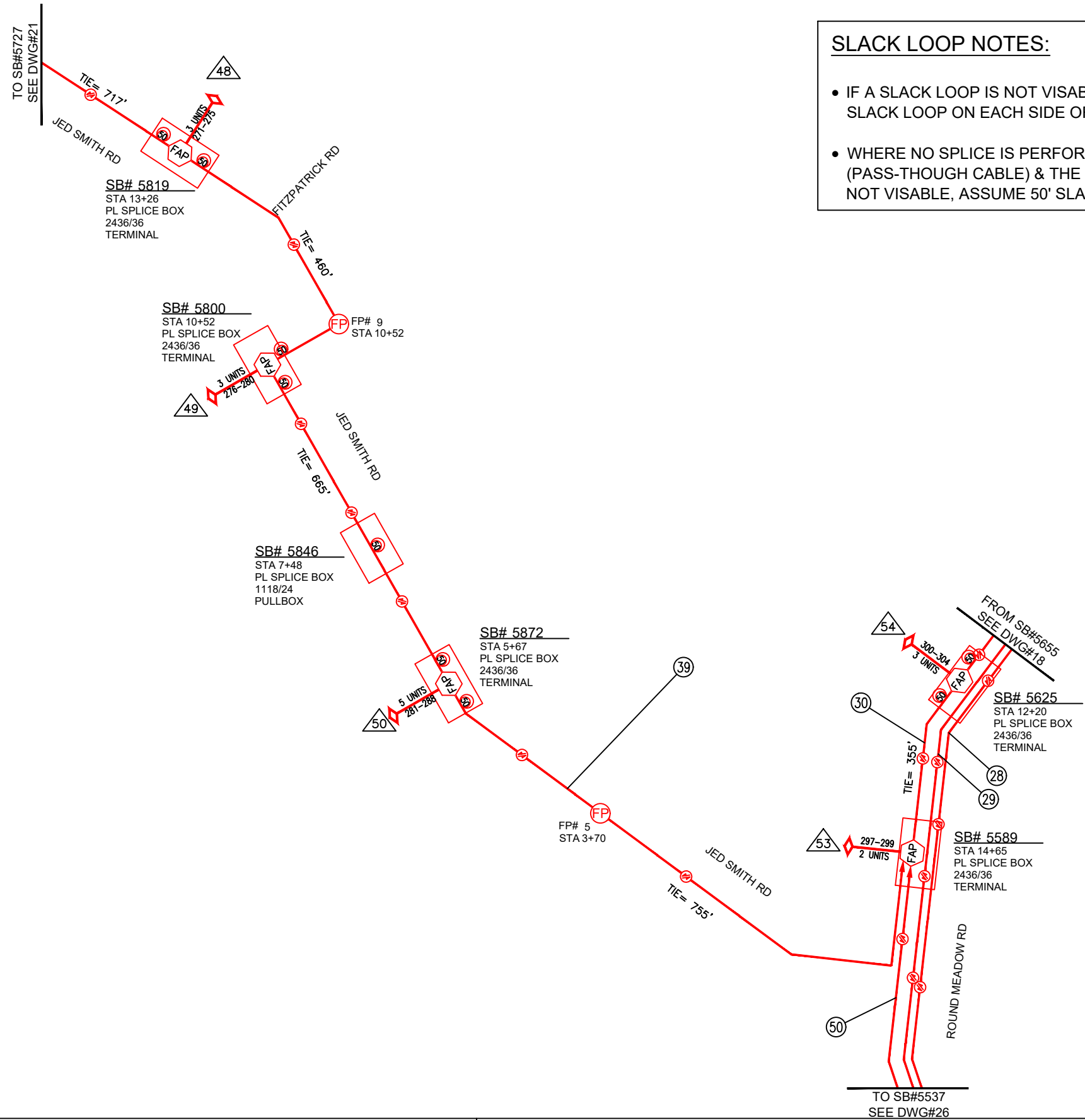
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SCALE: NOT TO SCALE

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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

- PLACEMENT NOTES:**
- ②8 PL ON DWG #13  
144 FIBER  
A, 1-24  
B, 1-24  
C, 49-144
  - ②9 PL ON DWG #13  
288 FIBER  
23501LVR, 1-228  
A, 229-288
  - ③0 PL ON DWG #13  
432 FIBER  
6165SVR, 1-376  
A, 377-432
  - ③9 PL 5891'  
288 FIBER  
6165SVR, 1-288
  - ⑤0 PL 975'  
24 FIBER  
6165SVR, 289-296  
A, 9-24



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

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SCALE: NOT TO SCALE

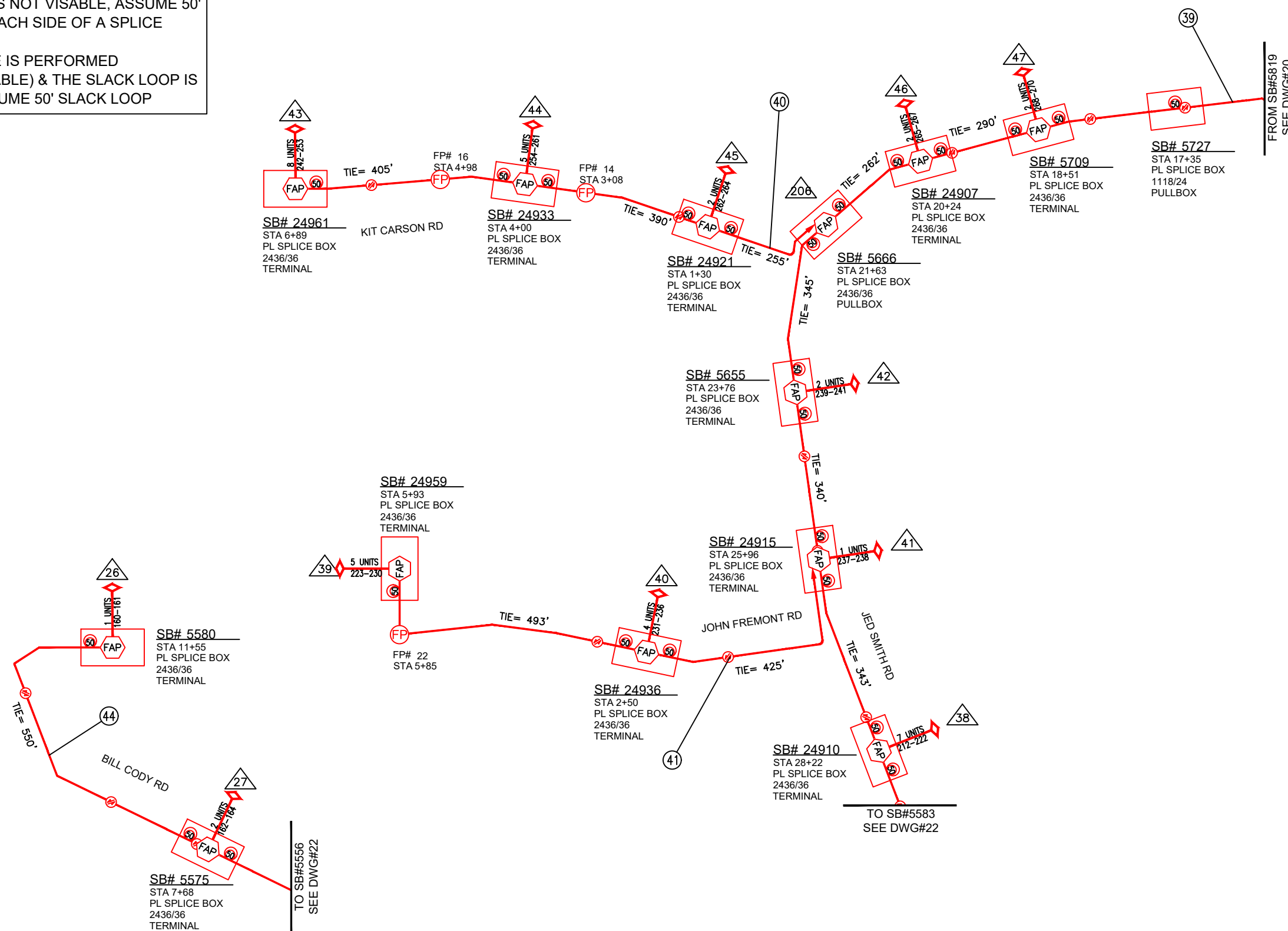
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DWG 4 TO DWG 30 - FIBER DESIGN	
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**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THROUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

- 39 PL ON DWG #20  
288 FIBER  
6165SVR, 1-288
- 40 PL 1050'  
24 FIBER  
6165SVR, 242-264  
A, 24-24
- 41 PL 918'  
24 FIBER  
6165SVR, 223-236  
A, 15-24
- 44 PL ON DWG #22  
24 FIBER  
6165SVR, 160-167  
A, 9-24



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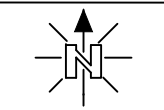
JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

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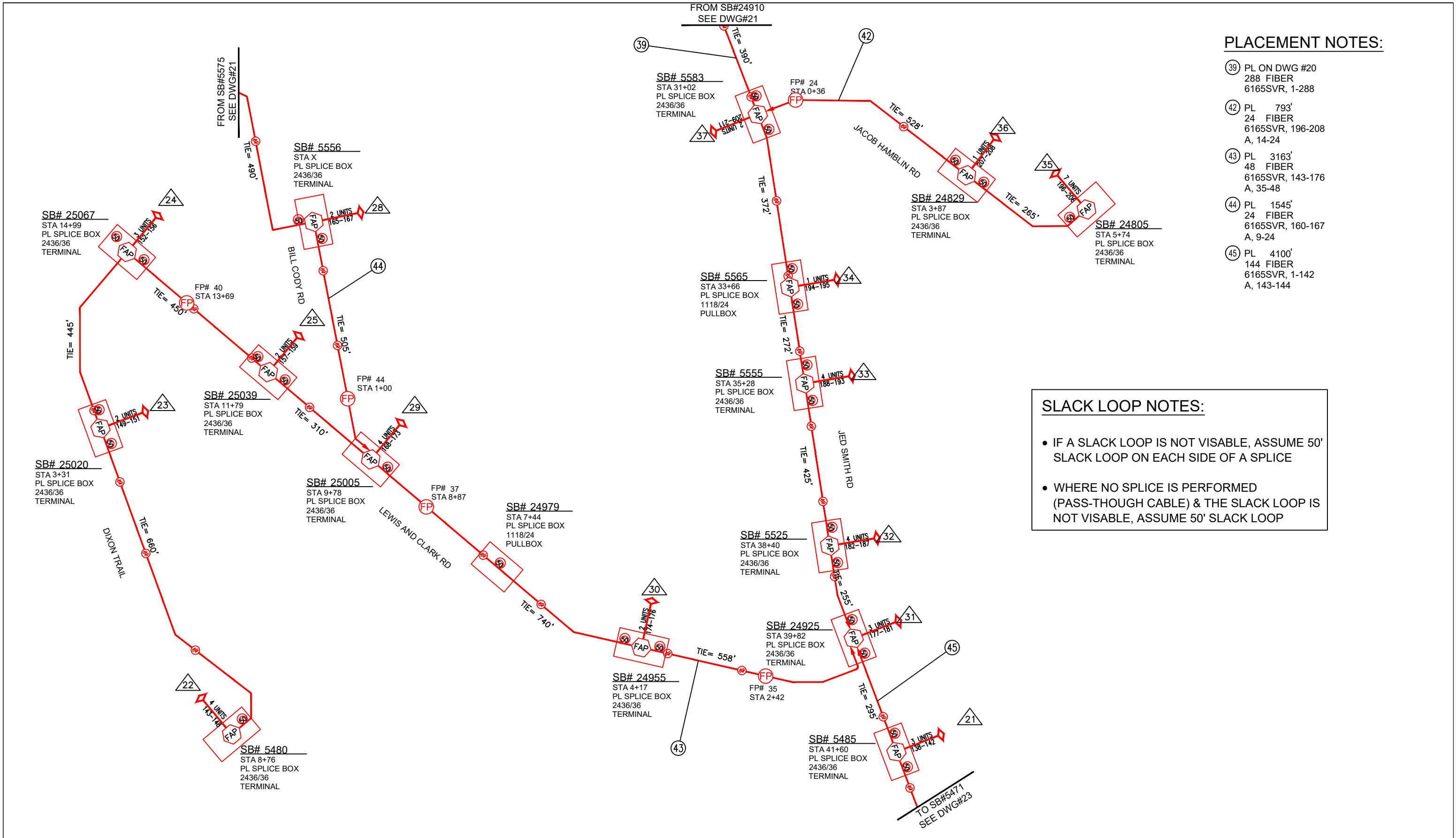
VERSION  
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SCALE: NOT TO SCALE

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**PLACEMENT NOTES:**

- 39 PL ON DWG #20  
288 FIBER  
6165SVR, 1-288
- 42 PL 793'  
24 FIBER  
6165SVR, 196-208  
A, 14-24
- 43 PL 3163'  
48 FIBER  
6165SVR, 143-176  
A, 35-48
- 44 PL 1545'  
24 FIBER  
6165SVR, 160-167  
A, 9-24
- 45 PL 4100'  
144 FIBER  
6165SVR, 1-142  
A, 143-144

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

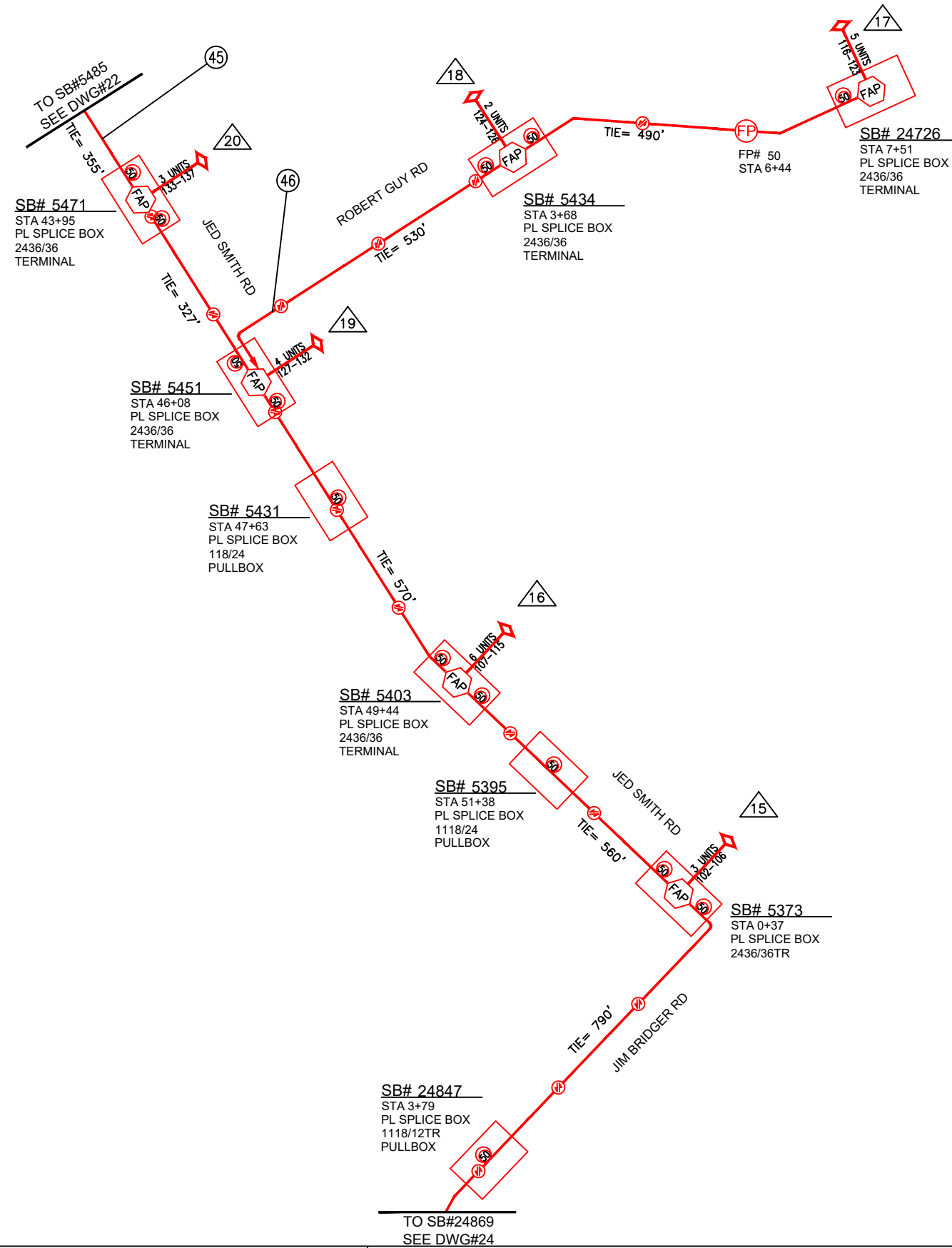
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SCALE: NOT TO SCALE



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DWG 31 TO 32 - WIRING LIMITS	
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**PLACEMENT NOTES:**

- ④5 PL ON DWG #22  
144 FIBER  
6165SVR, 1-142  
A, 143-144
- ④6 PL 1020'  
24 FIBER  
6165SVR, 116-126  
A, 12-24

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

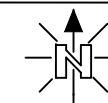


844-994-4448

JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**  
 TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**  
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SCALE: NOT TO SCALE

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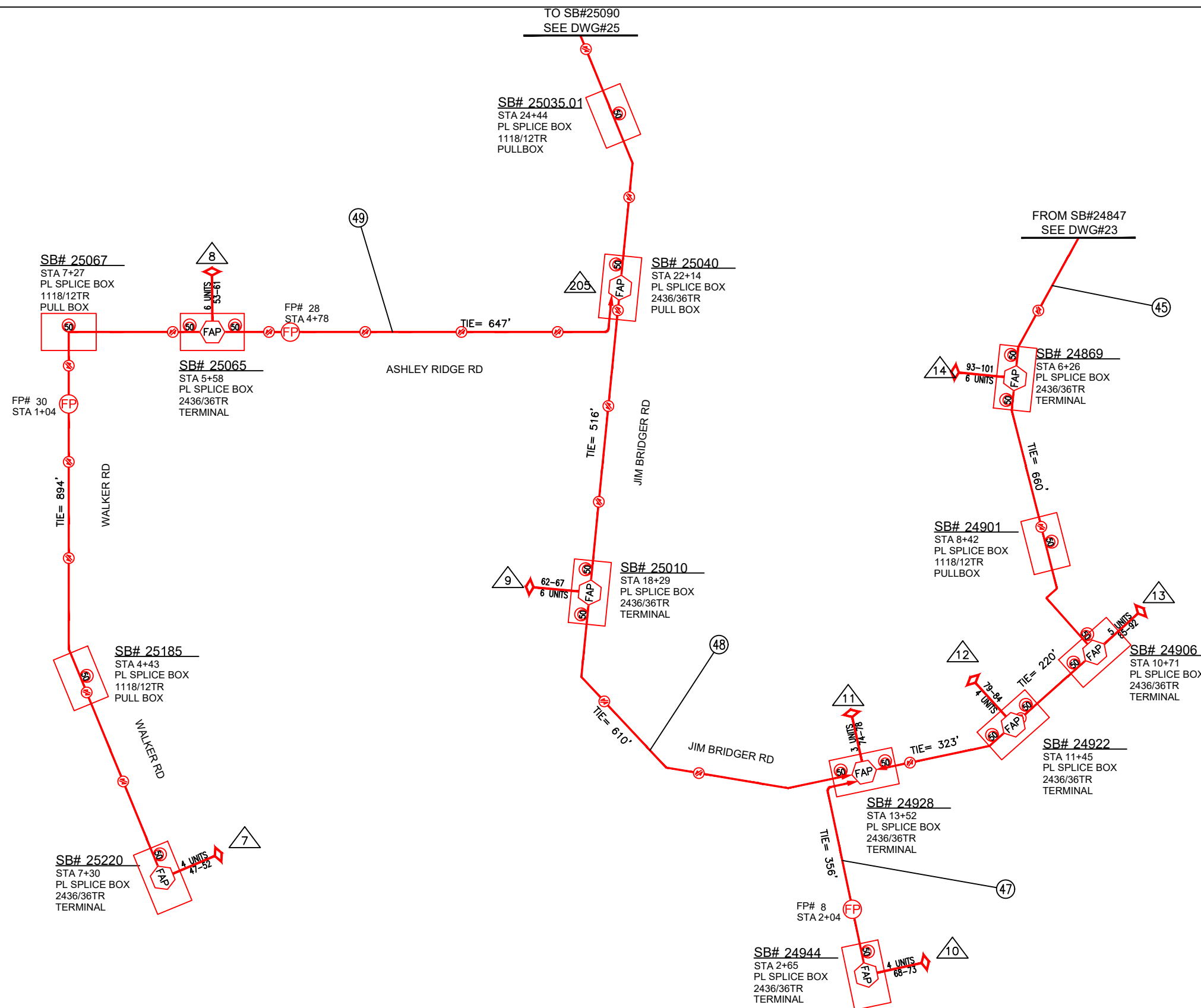
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- DWG 3 - NOTES & DETAILS
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**PLACEMENT NOTES:**

- ④5 PL ON DWG #22  
144 FIBER  
6165SVR, 1-142  
A, 143-144
- ④7 PL 356'  
24 FIBER  
6165SVR, 68-73  
A, 7-24
- ④8 PL 4846'  
72 FIBER  
6165SVR, 1-67  
A, 68-72
- ④9 PL 1541'  
24 FIBER  
6165SVR, 47-61  
A, 16-24

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THROUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP



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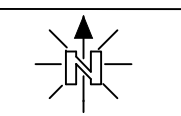
JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

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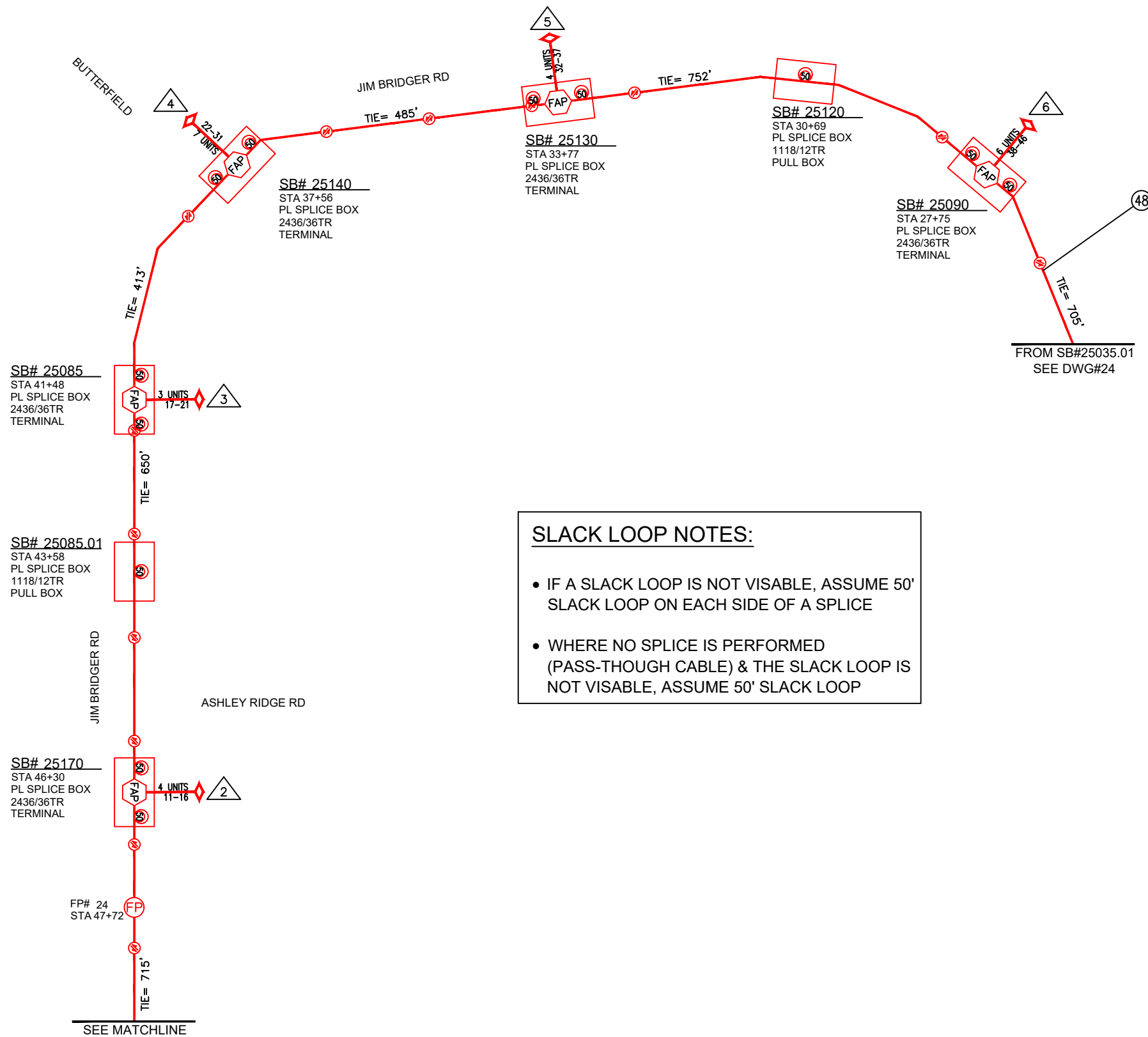
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- DWG 31 TO 32 - WIRING LIMITS
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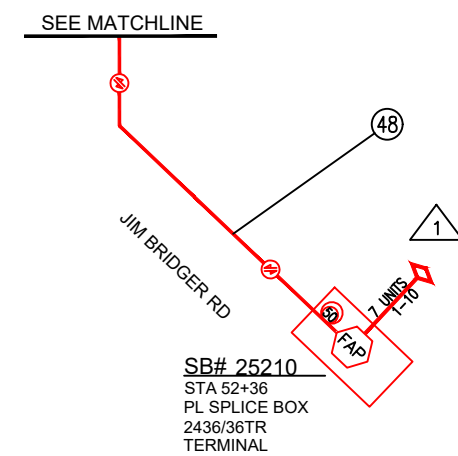
**PLACEMENT NOTES:**

- ④8 PL ON DWG #24
- 72 FIBER
- 6165SVR, 1-67
- A, 68-72



**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

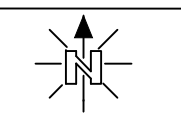


844-994-4448

JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT FIBER DESIGN  
 TYPE OF CONST UNDERGROUND FIBER DESIGN  
 DWG 25 OF 34

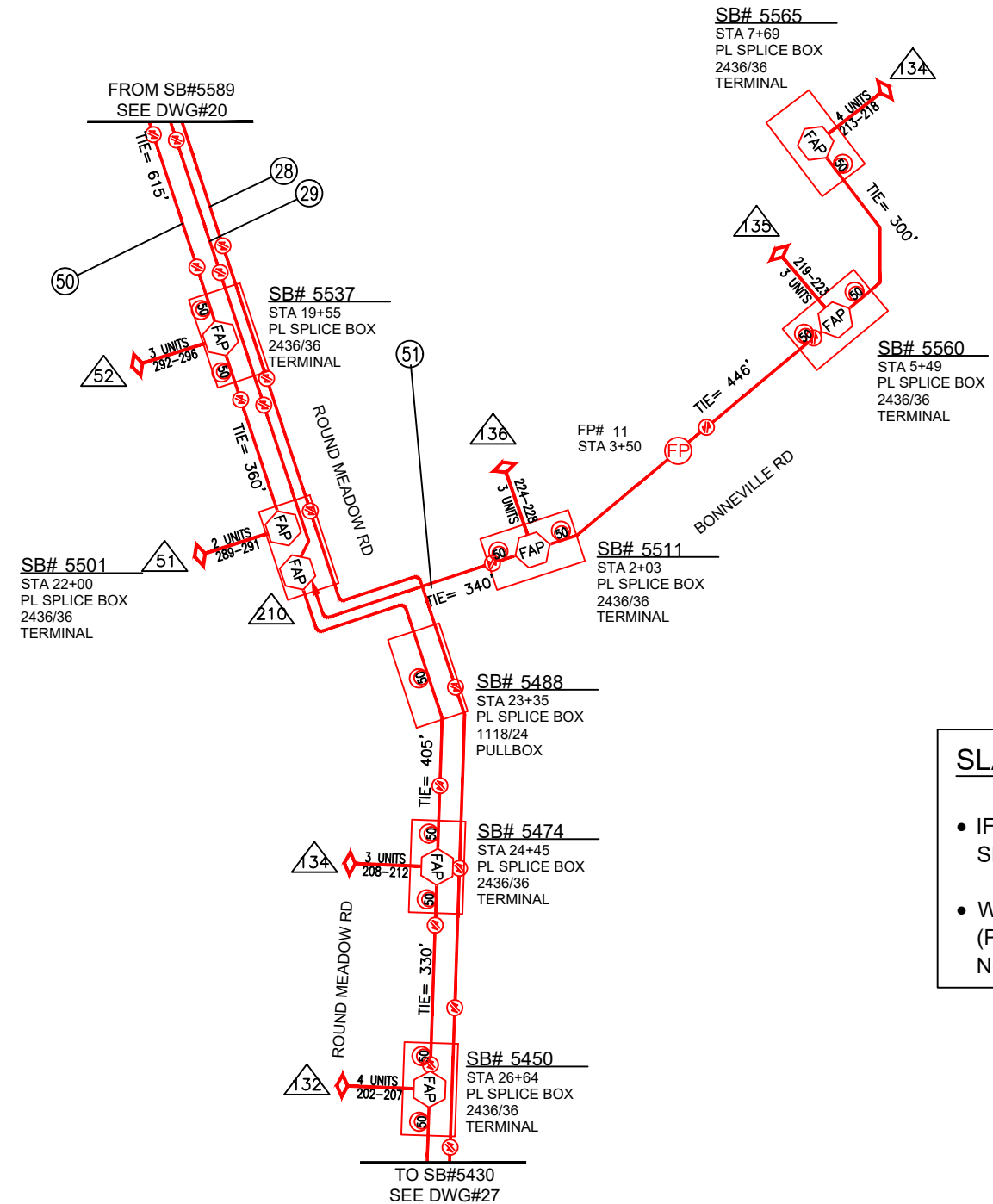
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**PLACEMENT NOTES:**

- 28 PL ON DWG #13  
144 FIBER  
A, 1-24  
B, 1-24  
C, 49-144
- 29 PL ON DWG #13  
288 FIBER  
23501LVR, 1-228  
A, 229-288
- 50 PL ON DWG #20  
24 FIBER  
6165SVR, 289-296  
A, 9-24
- 51 PL 1086'  
24 FIBER  
23501LVR, 213-228  
A, 17-24



**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP



844-994-4448

JOB NO. HIDDEN HILLS - ALL PHASES

LOCATION HIDDEN HILLS, CA

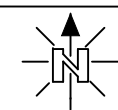
ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**FIBER DESIGN**

TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

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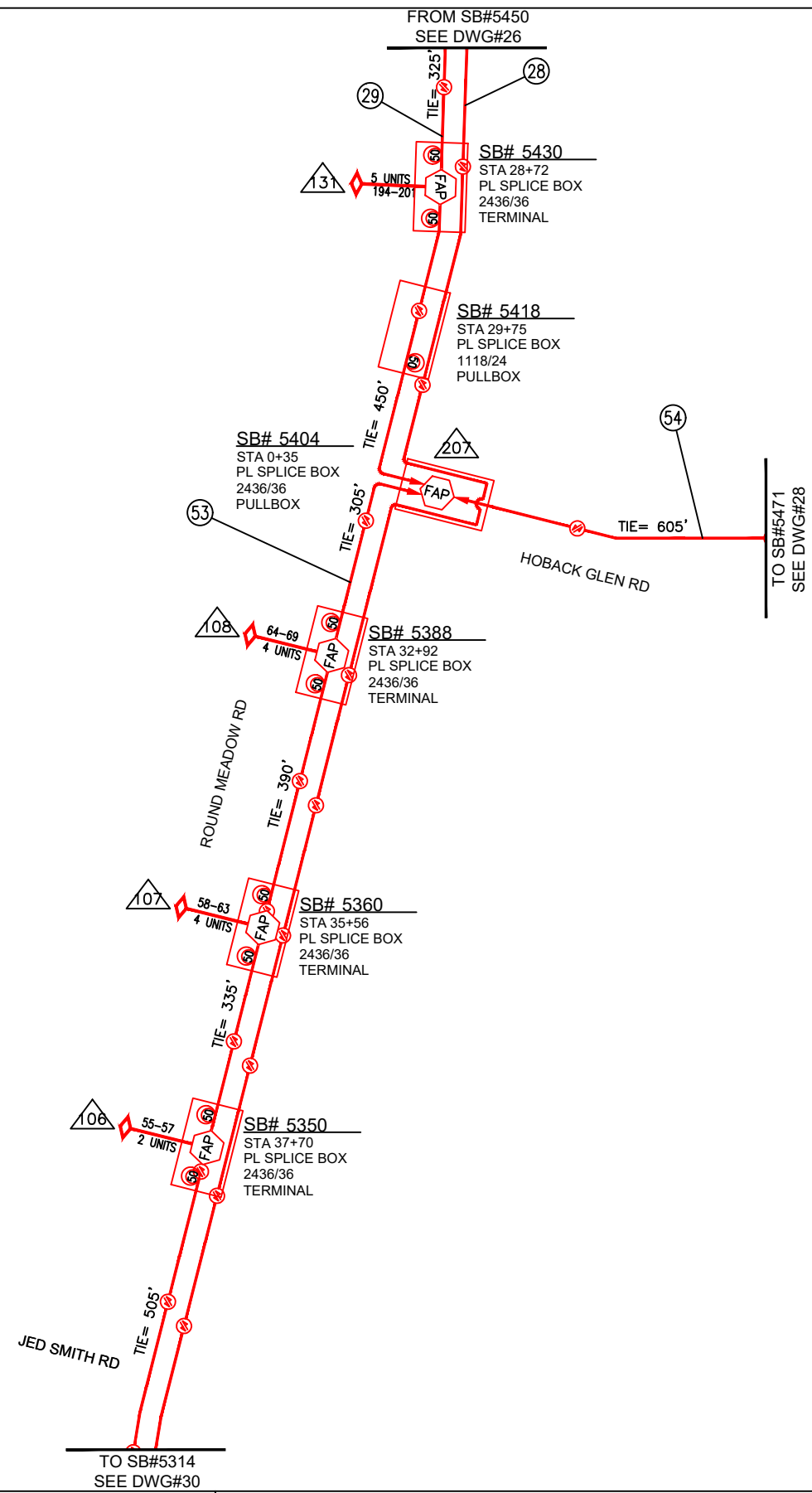
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**PLACEMENT NOTES:**

- ②8 PL ON DWG #13  
144 FIBER  
A, 1-24  
B, 1-24  
C, 49-144
- ②9 PL ON DWG #13  
288 FIBER  
23501LVR, 1-228  
A, 229-288
- ⑤3 PL 3286'  
72 FIBER  
23501LVR, 1-69  
A, 70-72
- ⑤4 PL 4157'  
144 FIBER  
23501LVR, 70-193  
A, 125-144

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

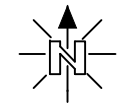
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TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**

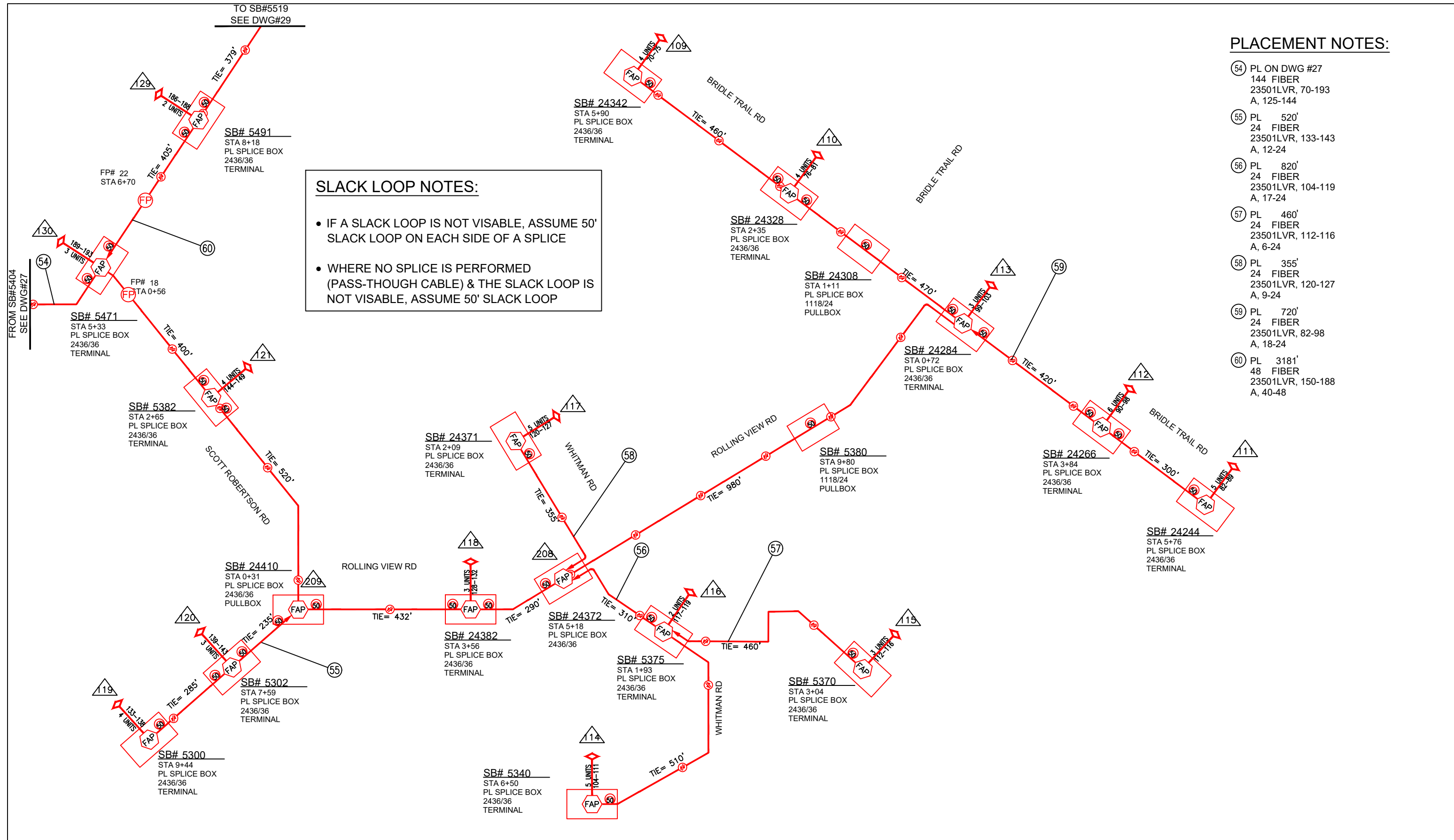
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**PLACEMENT NOTES:**

- 54 PL ON DWG #27  
144 FIBER  
23501LVR, 70-193  
A, 125-144
- 55 PL 520'  
24 FIBER  
23501LVR, 133-143  
A, 12-24
- 56 PL 820'  
24 FIBER  
23501LVR, 104-119  
A, 17-24
- 57 PL 460'  
24 FIBER  
23501LVR, 112-116  
A, 6-24
- 58 PL 355'  
24 FIBER  
23501LVR, 120-127  
A, 9-24
- 59 PL 720'  
24 FIBER  
23501LVR, 82-98  
A, 18-24
- 60 PL 3181'  
48 FIBER  
23501LVR, 150-188  
A, 40-48

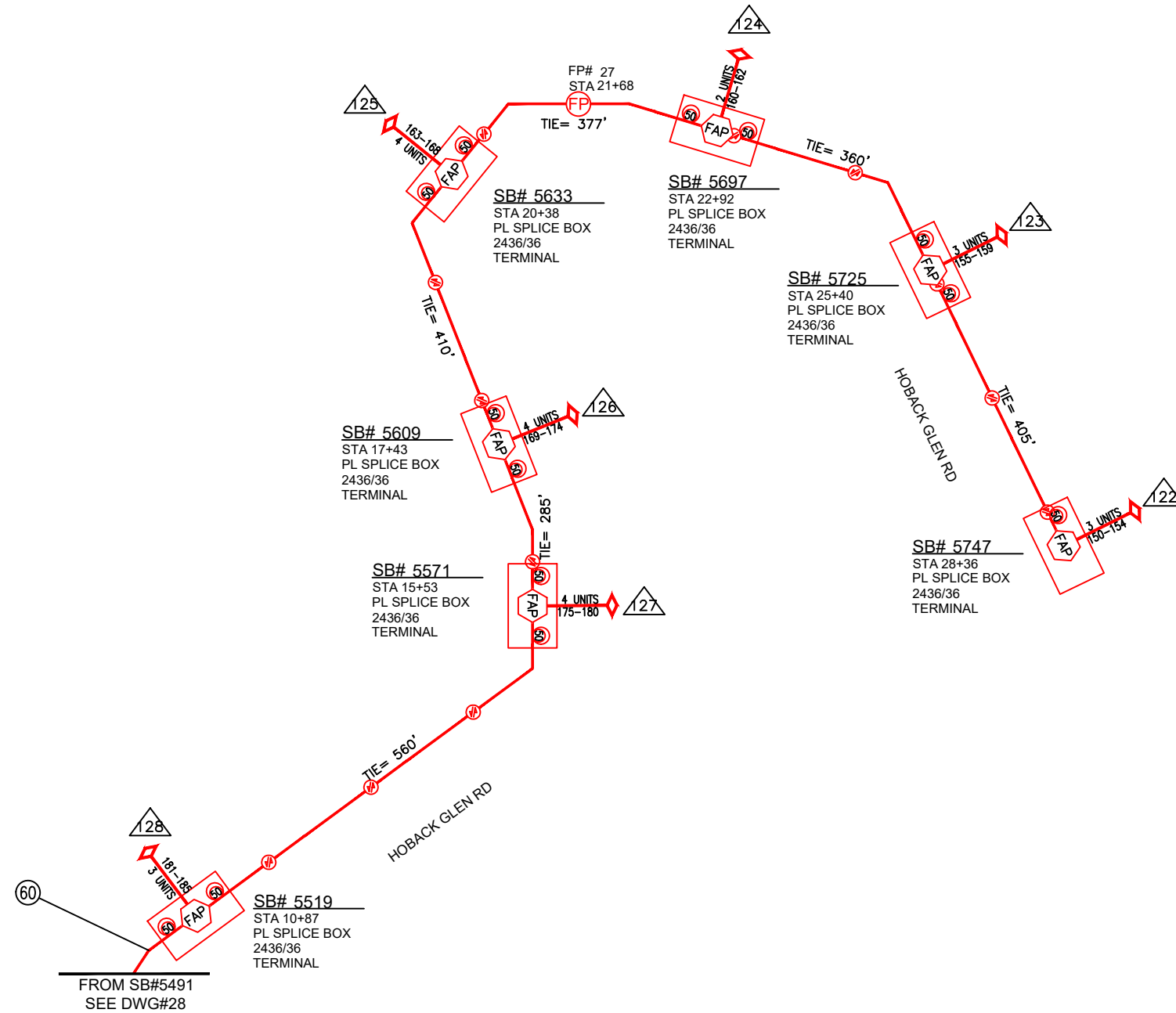
<p style="font-size: 8px;">Get Connected. Get Faster.</p> <p style="font-size: 10px;">844-994-4448</p>	JOB NO. <u>HIDDEN HILLS - ALL PHASES</u> LOCATION <u>HIDDEN HILLS, CA</u> ENGR <u>JOY PADILLA</u>	TEL <u>909-457-8448</u>	SUBJECT <h2 style="text-align: center;">FIBER DESIGN</h2> TYPE OF CONST <h3 style="text-align: center;">UNDERGROUND FIBER DESIGN</h3> DWG <u>28</u> OF <u>34</u>	VERSION 06/12/2023		<h3 style="text-align: center;">SHEET INDEX</h3> DWG 1 - COVER PAGE DWG 2 - BILL OF MATERIALS DWG 3 - NOTES & DETAILS DWG 4 TO DWG 30 - FIBER DESIGN DWG 31 TO 32 - WIRING LIMITS DWG 33 TO 34 - PLAN MAP
				SCALE: NOT TO SCALE		

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THOUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

**PLACEMENT NOTES:**

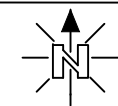
60 PL ON DWG #28  
 48 FIBER  
 23501LVR, 150-188  
 A, 40-48



JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT FIBER DESIGN  
 TYPE OF CONST UNDERGROUND FIBER DESIGN  
 DWG 29 OF 34

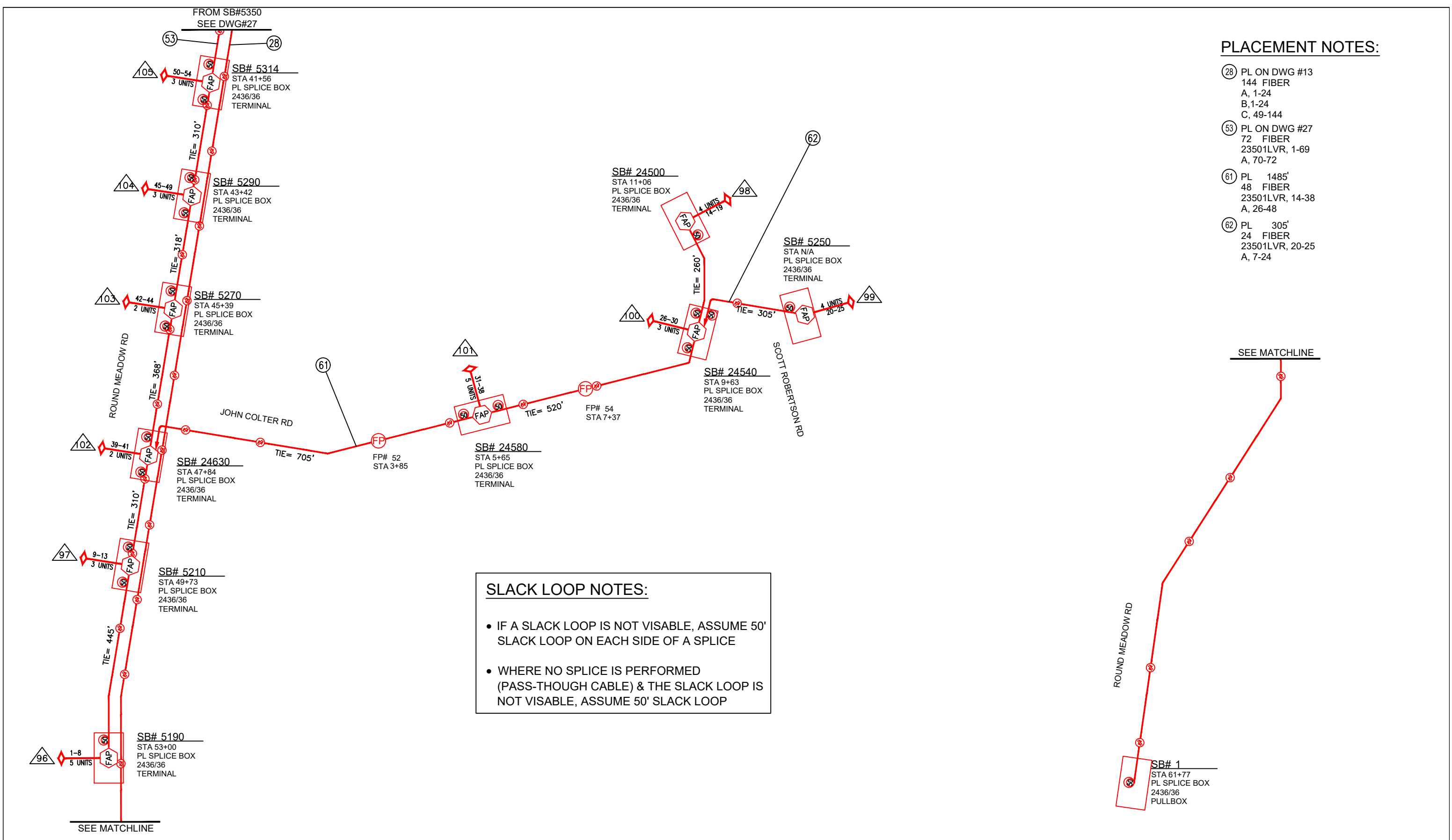
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SCALE: NOT TO SCALE

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**PLACEMENT NOTES:**

- ②8 PL ON DWG #13  
144 FIBER  
A, 1-24  
B, 1-24  
C, 49-144
- ⑤3 PL ON DWG #27  
72 FIBER  
23501LVR, 1-69  
A, 70-72
- ⑥1 PL 1485'  
48 FIBER  
23501LVR, 14-38  
A, 26-48
- ⑥2 PL 305'  
24 FIBER  
23501LVR, 20-25  
A, 7-24

**SLACK LOOP NOTES:**

- IF A SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP ON EACH SIDE OF A SPLICE
- WHERE NO SPLICE IS PERFORMED (PASS-THROUGH CABLE) & THE SLACK LOOP IS NOT VISABLE, ASSUME 50' SLACK LOOP

	JOB NO. <u>HIDDEN HILLS - ALL PHASES</u>	SUBJECT <b>FIBER DESIGN</b>	VERSION 06/12/2023		<b>SHEET INDEX</b> DWG 1 - COVER PAGE DWG 2 - BILL OF MATERIALS DWG 3 - NOTES & DETAILS DWG 4 TO DWG 30 - FIBER DESIGN DWG 31 TO 32 - WIRING LIMITS DWG 33 TO 34 - PLAN MAP
	LOCATION <u>HIDDEN HILLS, CA</u>	TYPE OF CONST <b>UNDERGROUND FIBER DESIGN</b>	<b>SCALE: NOT TO SCALE</b>		
ENGR <u>JOY PADILLA</u> TEL <u>909-457-8448</u>	DWG <u>30</u> OF <u>34</u>				

# HIDDEN HILLS WIRING LIMITS - CABINET 6132SVR

SPICE #	TERMINAL LOCATION	TERMINAL ASSIGNMENT	# OF UNITS	# OF FIBERS	SERVICE ADDRESS	UNIT TYPE	SPICE #	TERMINAL LOCATION	TERMINAL ASSIGNMENT	# OF UNITS	# OF FIBERS	SERVICE ADDRESS	UNIT TYPE	SPICE #	TERMINAL LOCATION	TERMINAL ASSIGNMENT	# OF UNITS	# OF FIBERS	SERVICE ADDRESS	UNIT TYPE	SPICE #	TERMINAL LOCATION	TERMINAL ASSIGNMENT	# OF UNITS	# OF FIBERS	SERVICE ADDRESS	UNIT TYPE
1	58825210	61655VR, 1-10	7	10	25199 Jim Bridger Road 25200 Jim Bridger Road 25210 Jim Bridger Road 25211 Jim Bridger Road 25212 Jim Bridger Road 25210 Jim Bridger Road 25199 Jim Bridger Road	SFU SFU SFU SFU SFU Camera - Jim Bridger East Camera - Jim Bridger West	21	5885485	61655VR, 138-142	3	5	5474 Jsd Smith Road 5484 Jsd Smith Road 5485 Jsd Smith Road 5486 Jsd Smith Road 5487 Jsd Smith Road 5488 Jsd Smith Road 5489 Jsd Smith Road	SFU SFU SFU SFU SFU SFU SFU	49	5885800	61655VR, 276-280	3	5	5791 Jsd Smith Road 5813 Jsd Smith Road 5824 Jsd Smith Road 5831 Jsd Smith Road 5832 Jsd Smith Road 5833 Jsd Smith Road 5834 Jsd Smith Road	SFU SFU SFU SFU SFU SFU SFU	74	58824930	61655VR, 435-420	3	5	24900 Eldorado Meadow Road 24901 Eldorado Meadow Road 24902 Eldorado Meadow Road 24903 Eldorado Meadow Road 24904 Eldorado Meadow Road 24905 Eldorado Meadow Road 24906 Eldorado Meadow Road	SFU SFU SFU SFU SFU SFU SFU

<p style="font-size: 8px; margin: 0;">Get Connected. Get Faster.</p> <p style="font-size: 10px; margin: 0;">844-994-4448</p>	JOB NO. <u>HIDDEN HILLS - ALL PHASES</u> LOCATION <u>HIDDEN HILLS, CA</u> ENGR <u>JOY PADILLA</u>	TEL <u>909-457-8448</u>	SUBJECT <h2 style="margin: 0;">WIRE LIMITS</h2> TYPE OF CONST <h2 style="margin: 0;">UNDERGROUND FIBER DESIGN</h2> DWG <u>31</u> OF <u>34</u>	VERSION <h2 style="margin: 0;">06/12/2023</h2>		<h2 style="margin: 0;">SHEET INDEX</h2> DWG 1 - COVER PAGE DWG 2 - BILL OF MATERIALS DWG 3 - NOTES & DETAILS DWG 4 TO DWG 30 - FIBER DESIGN DWG 31 TO 32 - WIRING LIMITS DWG 33 TO 34 - PLAN MAP
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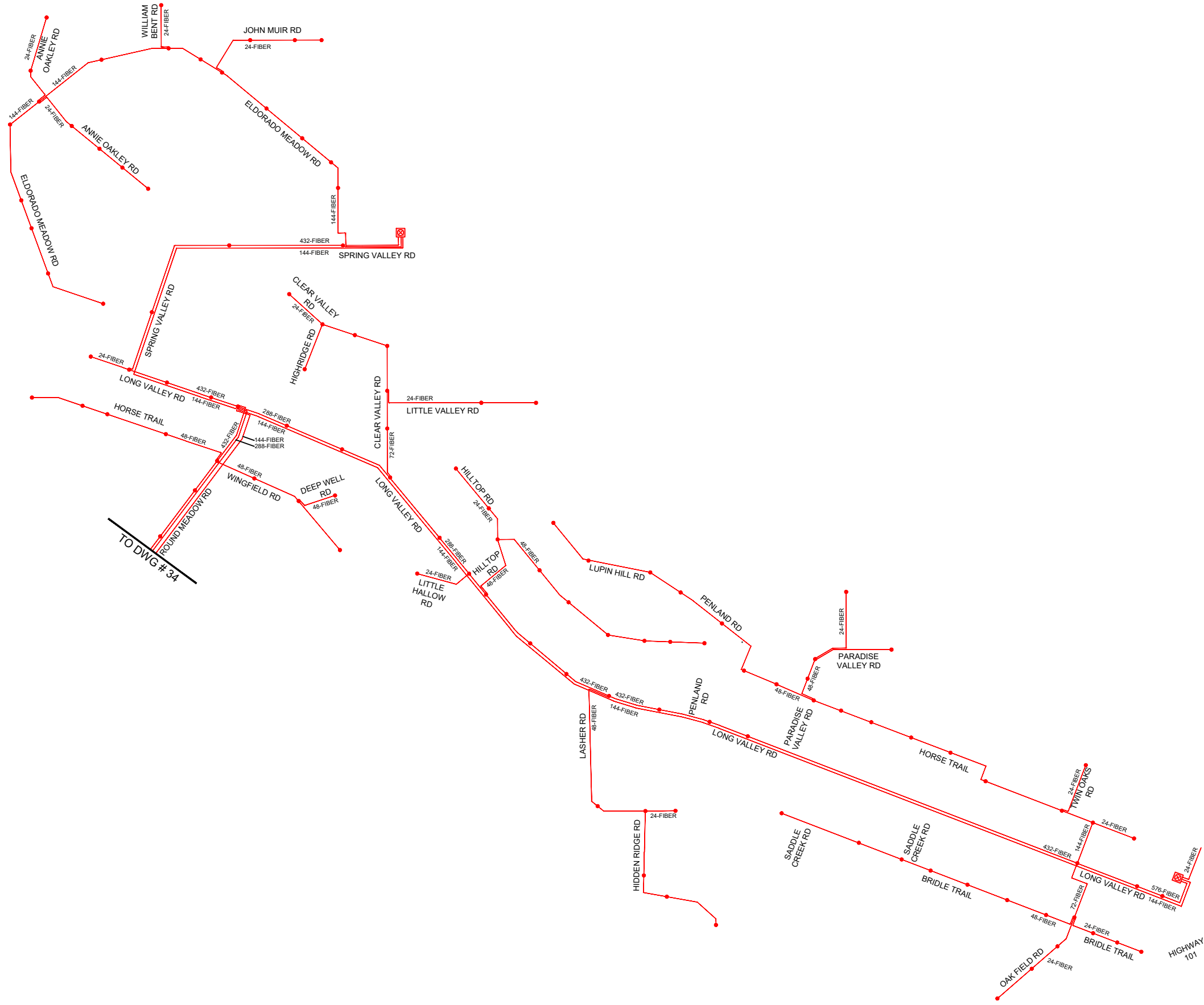




**FIBER SIZING NOTES:**

684 SFU	X1.5 =	1026
0 MDU	X1.5 =	0
1 OTHERS	X1.5 =	3
31 CAMERAS	X1.0 =	31
<b>417 TOTAL</b>		<b>1060</b>

**NOTES:**  
SOME RIBBONS MAY BE UPSIZED FROM FIBERS REQUIRED DUE TO TERMINAL SIZES



844-994-4448

JOB NO. HIDDEN HILLS - ALL PHASES

LOCATION HIDDEN HILLS, CA

ENGR JOY PADILLA

TEL 909-457-8448

SUBJECT

**PLAN MAP**

TYPE OF CONST

**UNDERGROUND FIBER DESIGN**

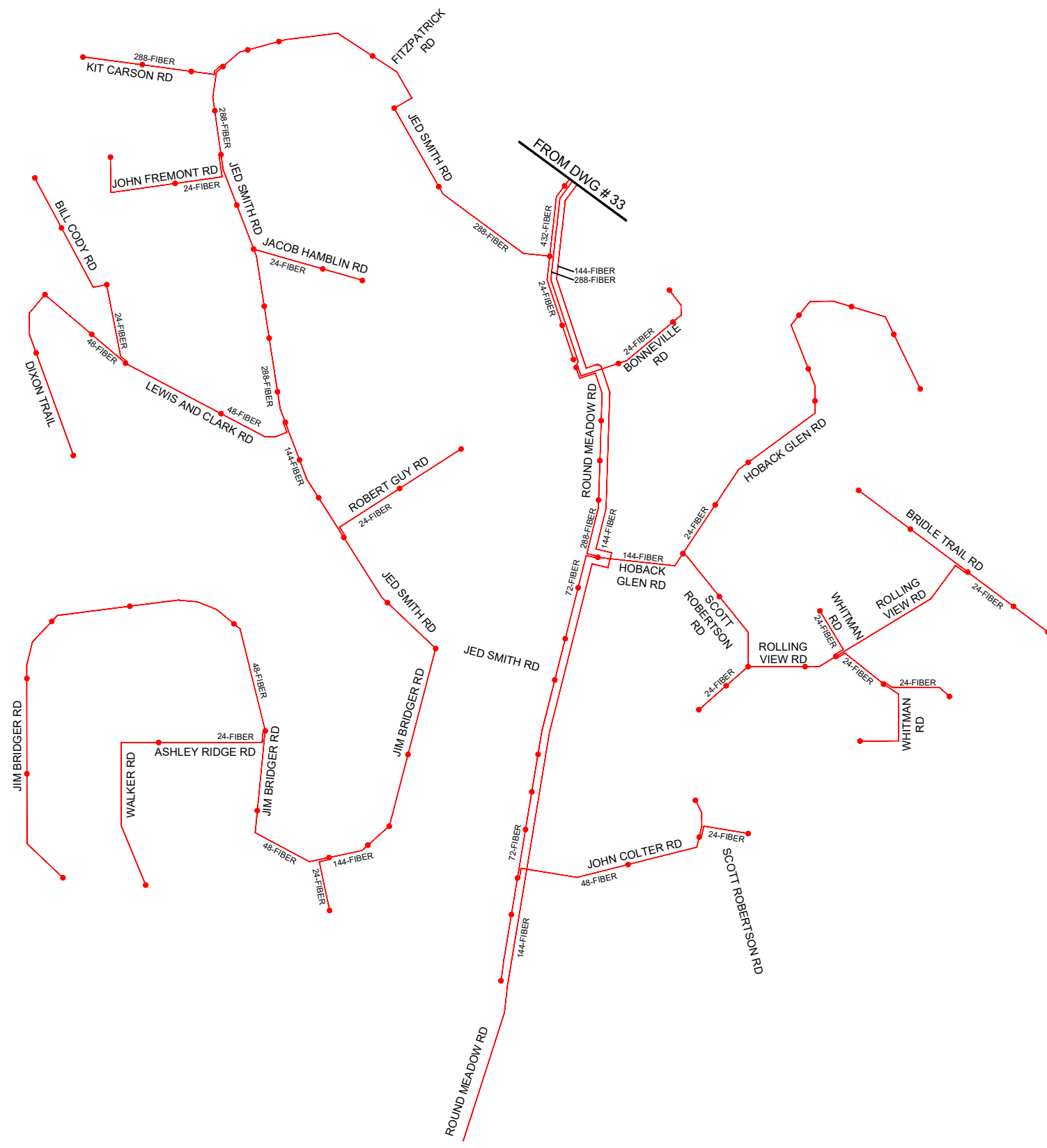
DWG 34 OF 34

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JOB NO. HIDDEN HILLS - ALL PHASES  
 LOCATION HIDDEN HILLS, CA  
 ENGR JOY PADILLA TEL 909-457-8448

SUBJECT  
**PLAN MAP**  
 TYPE OF CONST  
**UNDERGROUND FIBER DESIGN**  
 DWG 34 OF 34

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