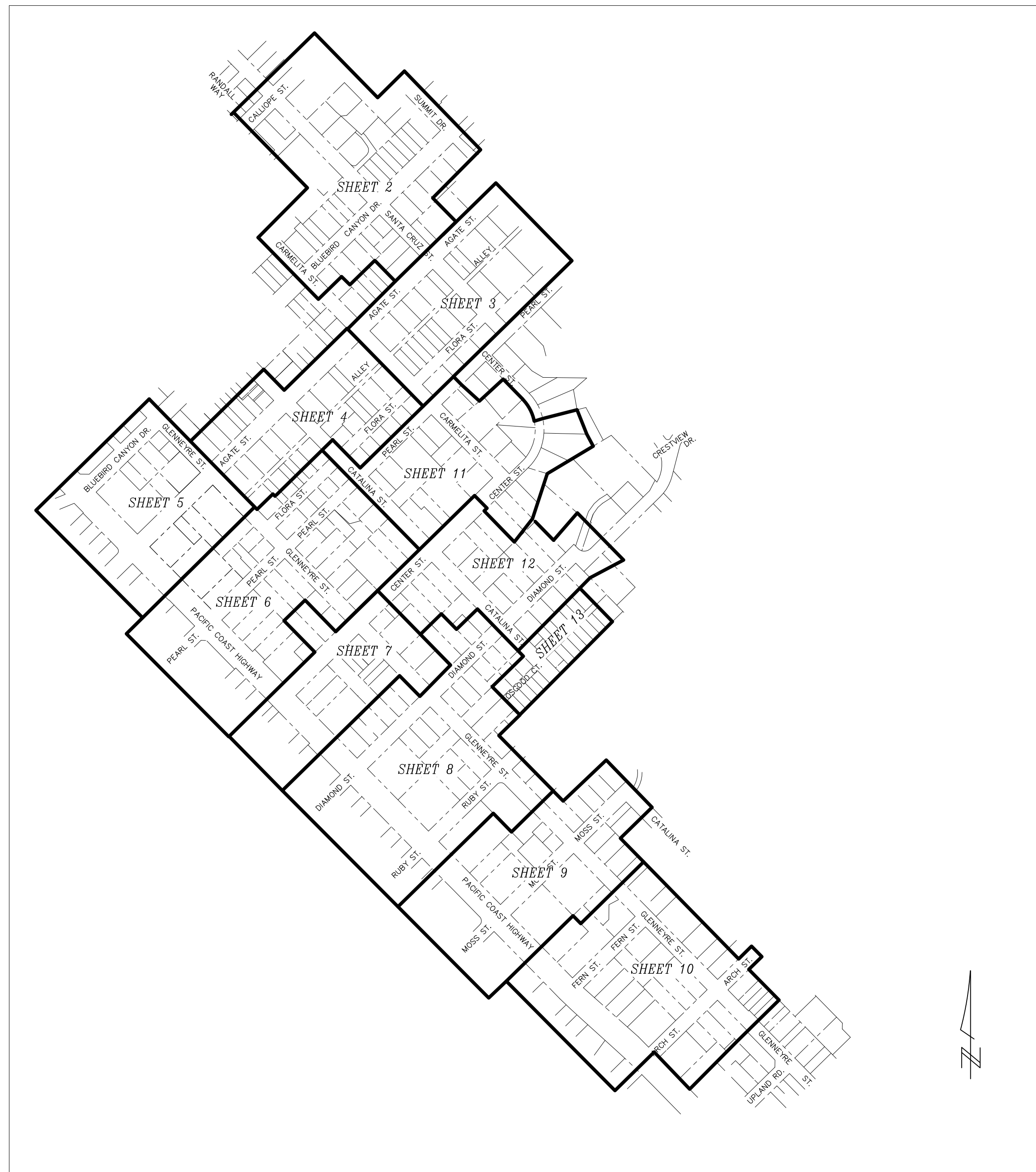


FRONTIER COMMUNICATION  
CONSTRUCTION SPECIFICATIONS

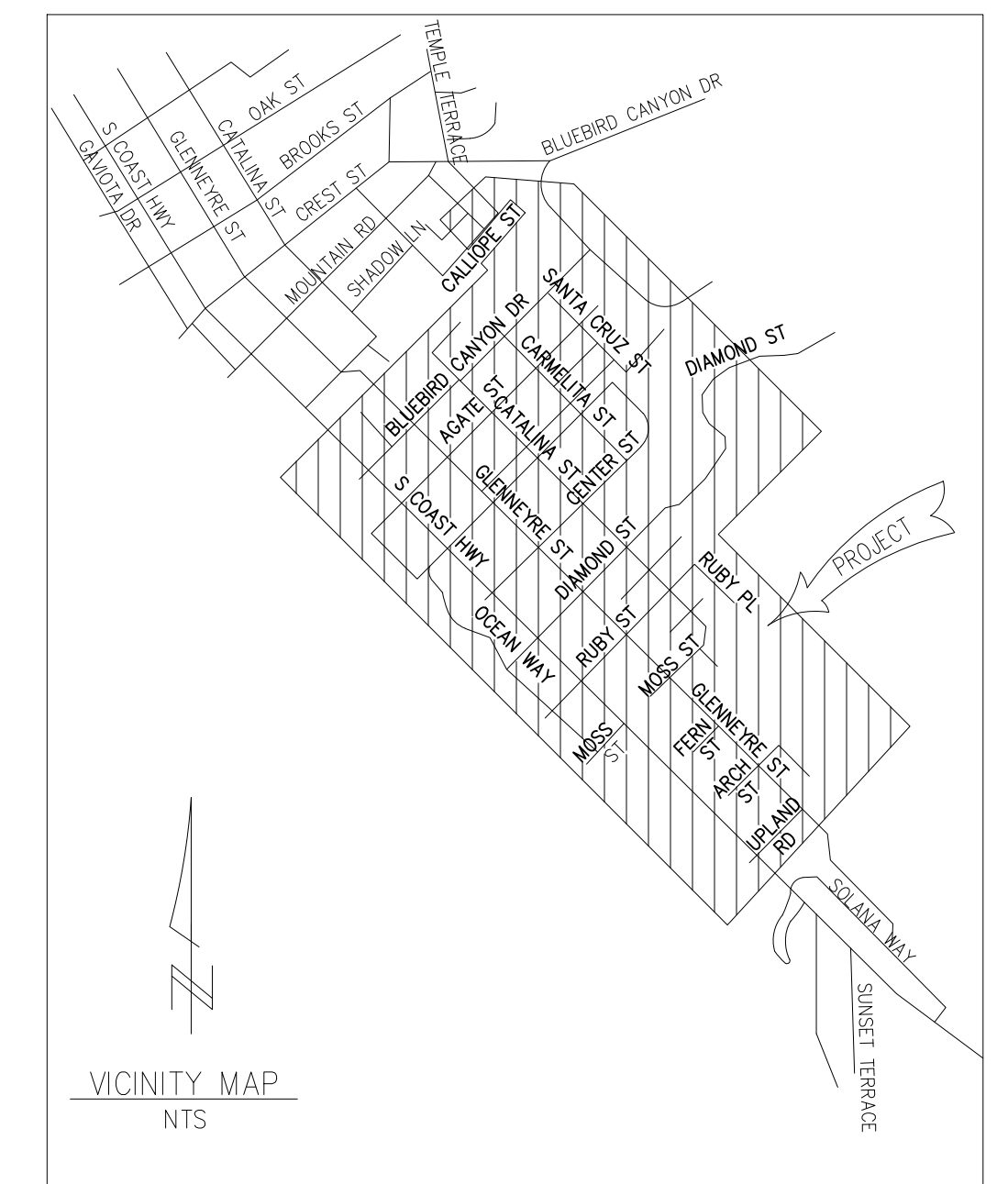
- Contact Frontier Engineer Mike Madrid (714) 469-9401 sixty (60) days prior to need of service in order to confirm compliance, order materials, and schedule work forces.  
NOTE: FRONTIER COMMUNICATIONS, INCORPORATED, RESERVES THE RIGHT TO REFUSE ANY CONDUIT, PULL BOXES, MANHOLES, OR UTILITY BOXES THAT DEVIATE FROM PLANS AND SPECIFICATIONS.
- all conduit risers bends to have a minimum thirty-six (36) inch radius.
- all horizontal ninety (90) degree bends shall have a radius of not less than 12.5 feet and all vertical ninety (90) degree bends shall have a radius of not less than three feet. no more than two ninety (90) degree horizontal bends shall be placed in any single run unless otherwise specified. contact frontier engineer concerning any required deviations
- all conduit must be proofed using a mandrel no less than a 1/2" smaller than the conduit placed. wall to wall measurements must be taken with a true tape and a 3/8" polypropylene pull rope provided in each duct. an accurate wall to wall measurement of conduit placed must be as-built on approved frontier construction plan. a copy of the as-built conduit work order must be provided to the frontier inspector assigned to your project, before entrance cable can be designed and ordered. contact frank fuentes (310) 508-0939 at the inspection office for coordination of inspection dates. DEVIATION FROM THIS PLAN WITHOUT CONSENT FROM FRONTIER MAY CAUSE DELAYS IN PROVIDING SERVICE.
- place weatherproof cap on end of all conduits terminated outside of a building.
- rigid steel or approved plastic conduit (pvc sch. #40, type-c (4") or db-120 (2") is specified in underground construction unless otherwise specified. condulets, flex, transite, plumbers fittings, water and gas pipes must not be used. RIGID STEEL MUST BE USED WHEN CONDUIT CAN BE EXPOSED TO VEHICULAR TRAFFIC.
- conduit terminated on a pole must be pvc sch. 80. if conduit will be exposed to traffic, rigid steel pipe and sweep will be required to 48" above finished grade otherwise turned up 12" above finished grade. location of riser on pole will be called out on conduit plan by frontier engineer.
- conduit placed in same trench with primary power conduit must be separated by not less than twelve (12) inches of well-packed sand or three inches of concrete, and have not less than thirty-six (36) inch cover to top of pipe when placed behind curb face. all street crossings and ducts placed in the driven portion of the roadway must have no less than forty-eight (48) inch of cover to top of pipe. CONTACT THE FRONTIER INSPECTOR 48 HOURS BEFORE TRENCHING AND UPON COMPLETION OF YOUR SUBSTRUCTURES TO SCHEDULE THE FINAL INSPECTION.
- provide manhole(s) x x -# quickset, brooks or equivalent with manhole cover marked "frontier", and conduit terminator's furnished from the manufacturer as per frontier specifications. provide 3' x 5' x 3' pull box(es). name brand quazite/ strongwell of composite and galvanized steel construction with torsion style parkway cover marked "FRONTIER". install cable racks and ground rod per manufacturer specifications, DO NOT PLACE PULL BOXES IN VEHICULAR TRAFFIC AREAS. SEE MANUFACTURERS CUT SHEET PROVIDED. FRONTIER RECOMMENDATIONS provide a minimum 1-4" conduit home run from each suite location to the main terminal backboard in lieu of running cables over drop ceiling access. frontier will not install cables not contained in conduit.
- provide source of ground at the telephone backboard location: (1) #6 insulated copper wire (solid preferred) to power system ground. or (1) #6 insulated copper wire (solid preferred) to permanent metallic structure such as ufer ground or building steel. or (1) #6 insulated copper wire (solid preferred) to metallic water pipe bonded to previously described permanent metallic structure. leave adequate wire to extend six feet beyond base of backboard. NOTE: THE FOLLOWING MUST NOT BE USED FOR GROUND SOURCES: ROOF TRUSSES, FLOOR JOINTS, BRACES, SPRINKLER SYSTEM PIPES, METAL ELECTRICAL DISTRIBUTION CONDUIT, AND HORIZONTAL STEEL MEMBERS LESS THAN 3/8" THICK
- provide cable racking as described in attachment. provide pulling irons as described in attachment.
- three to six weeks will be needed from the date of final inspection for frontier to start

# CONDUIT PACKAGE - RULE 20B

WOODSCOVE  
LAGUNA BEACH CA, 92651



INDEX MAP



VICINITY MAP  
NTS

4" PVC	GT-100	11,043'
2" PVC	GT-100	36,758'
HH	(75)	
MH	(2)	4'X6'X6'6"
MH	(2)	4'X6'X6'6"
PB	(1)	3'X5'
TRENCH LENGTH		30,432'

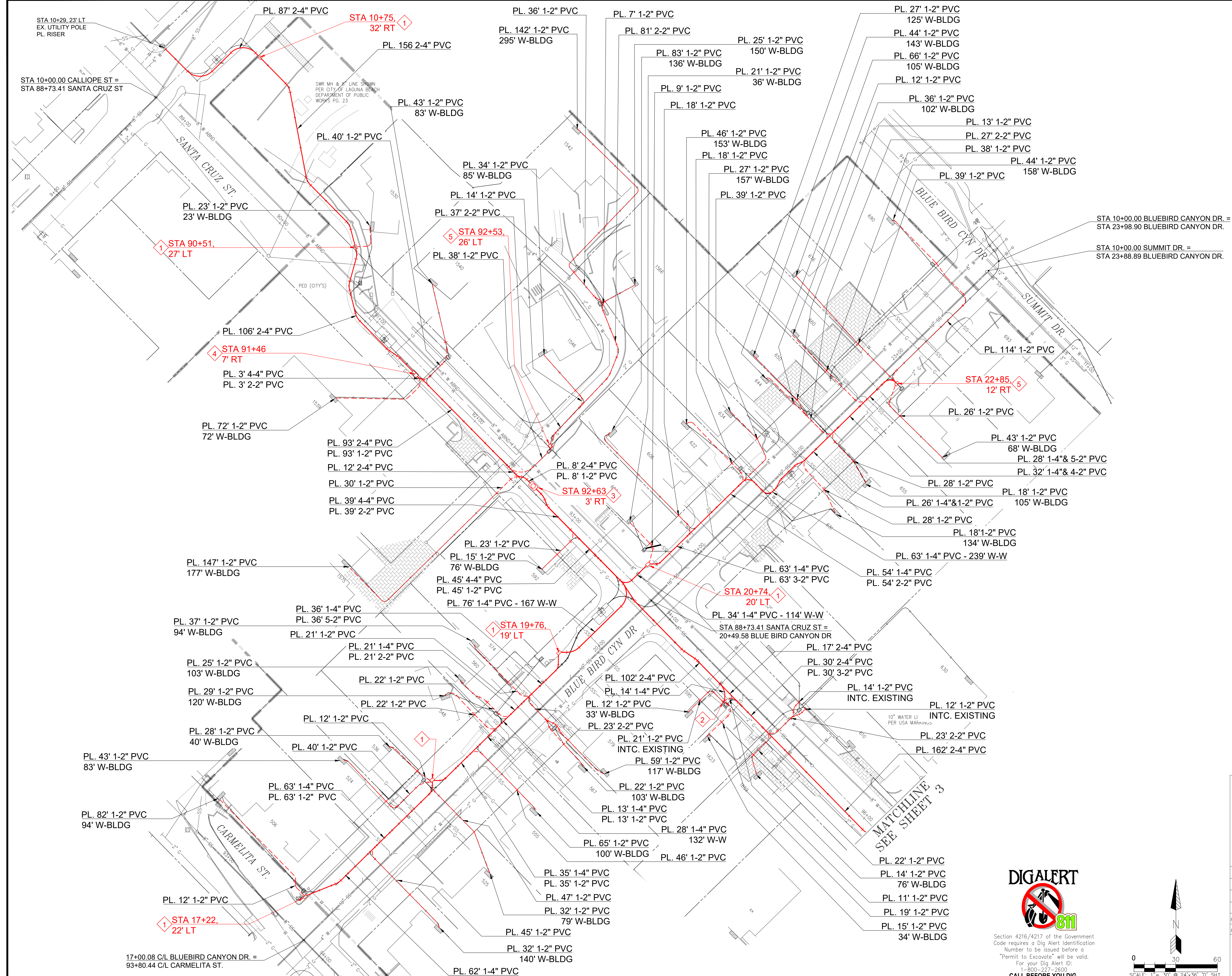
**Frontier**  
COMMUNICATIONS

JOB ID: 70065-5254206	DATE: 07/30/2024
TITLE: COVER SHEET	
STREET ADDRESS: WOODSCOVE	
CITY/STATE: LAGUNA BEACH, CA	
FTR ENGINEER: MIKE MADRID (714) 375-6720	
FTR INSPECTOR: FRANK FUENTES (657) 250-1577	
DRAWN BY: MTCS	SHEET#:
EST. #:	1 OF 14

Mountain Top  
Communication Services LLC

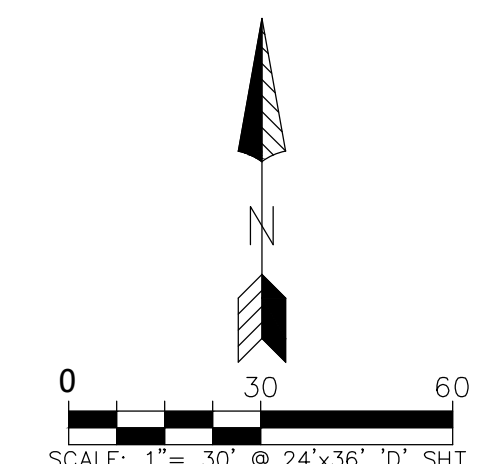
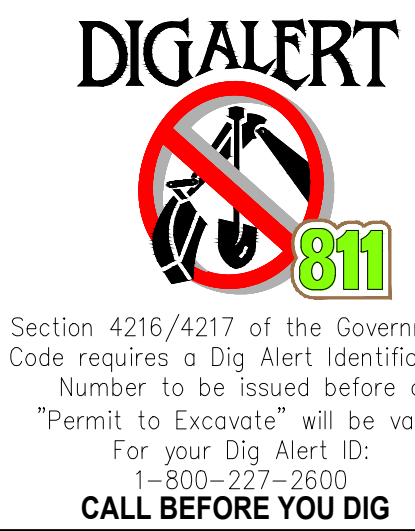
**KEY NOTES**

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 17"x30" HANDHOLE  
SEE DET. 4 SHT. 14
- 3 PL. 4'x6' MANHOLE  
SEE DET. 1 SHT. 14
- 4 PL. 3'x5' PULLBOX
- 5 PL. 2'x3' HANDHOLE  
W/ STL. LID



**Frontier**  
COMMUNICATIONS

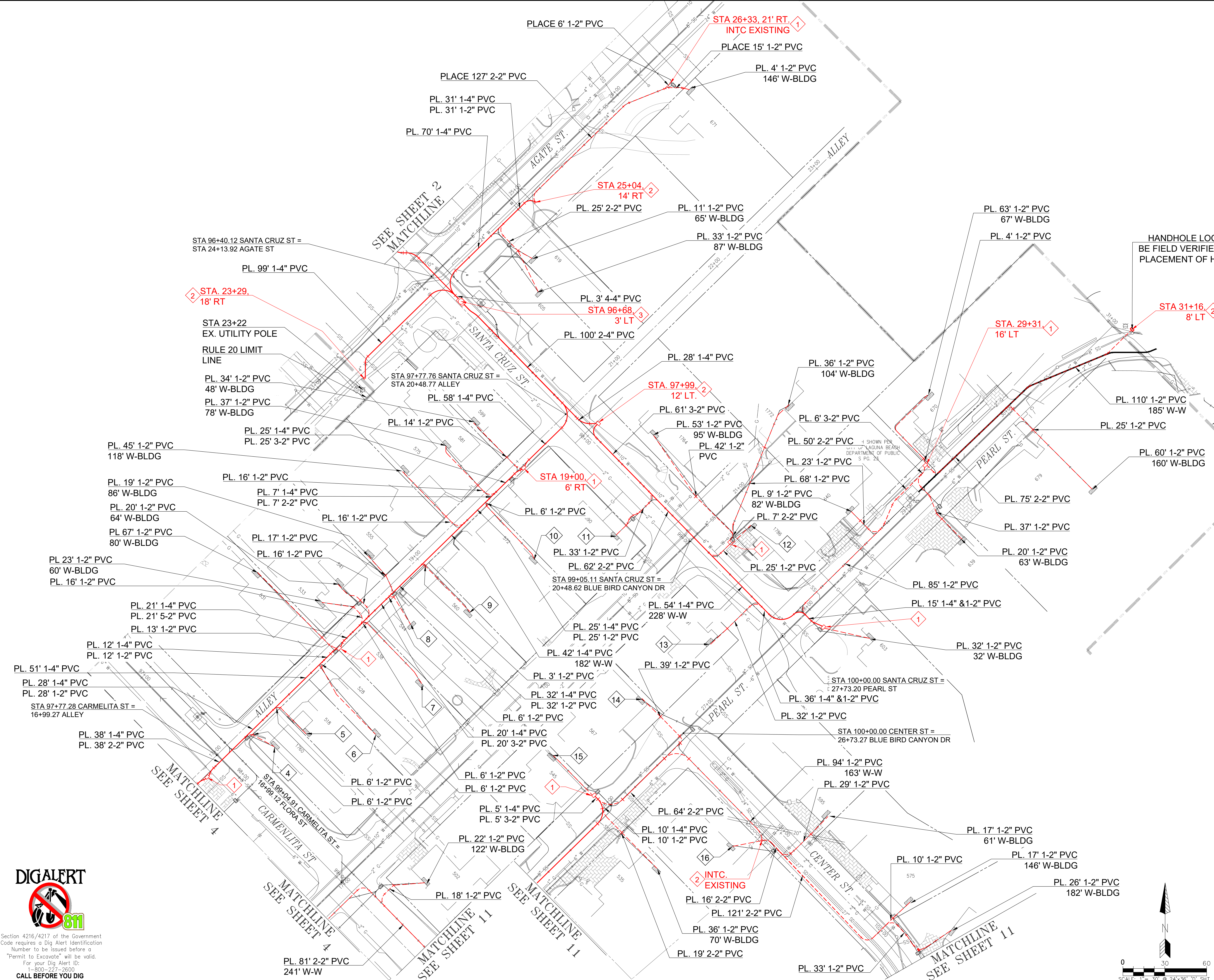
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TITLE: CONDUIT DESIGN			
STREET ADDRESS: GLENNEYSER ST & CENTER ST			
CITY/STATE: LAGUNA BEACH, CA			
FTR ENGINEER: MIKE MADRID (714) 375-6720			
FTR INSPECTOR: FRANK FUENTES (657) 250-1577			
DRAWN BY: MTCS		EST. #:	
		SHEET#:	
		2 OF 14	



MATCHLINE  
SEE SHEET 3


KEY NOTES

- 1 PL 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL 17"x30" HANDHOLE  
SEE DET. 4 SHT. 14
- 3 PL 4'x6'x6" MANHOLE  
SEE DET. 1 SHT. 14
- 4 PL 18' 1-2" PVC  
62' W-BLDG
- 5 PL 26' 1-2" PVC  
98' W-BLDG
- 6 PL 62' 1-2" PVC  
80' W-BLDG
- 7 PL 58' 1-2" PVC  
82' W-BLDG
- 8 PL 23' 1-2" PVC  
76' W-BLDG
- 9 PL 46' 1-2" PVC  
132' W-BLDG
- 10 PL 51' 1-2" PVC  
89' W-BLDG
- 11 PL 10' 1-2" PVC  
104' W-BLDG
- 12 PL 15' 1-2" PVC  
162' W-BLDG
- 13 PL 16' 1-2" PVC  
100' W-BLDG
- 14 PL 18' 1-2" PVC  
108' W-BLDG
- 15 PL 40' 1-2" PVC  
205' W-BLDG
- 16 PL 21' 1-2" PVC  
21' W-BLDG




HANDHOLE LOCATION TO BE FIELD VERIFIED BEFORE PLACEMENT OF HANDHOLE

RULE 20 LIMIT LINE

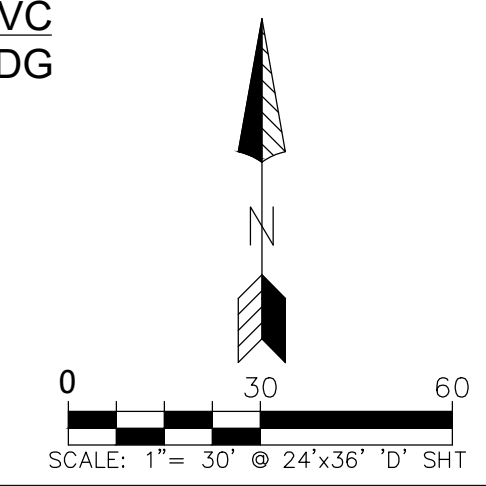


**Frontier**  
COMMUNICATIONS

JOB ID: 70065-5254206		DATE: 07/30/2024
TITLE: CONDUIT DESIGN		
STREET ADDRESS: GLENNEYER ST & CENTER ST		
CITY/STATE: LAGUNA BEACH, CA		
FTR ENGINEER: MIKE MADRID (714) 375-6720		
FTR INSPECTOR: FRANK FUENTES (657) 250-1577		
DRAWN BY: MTCS		EST. #:
SHEET #:		3 OF 14



Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID: 1-800-227-2600 CALL BEFORE YOU DIG



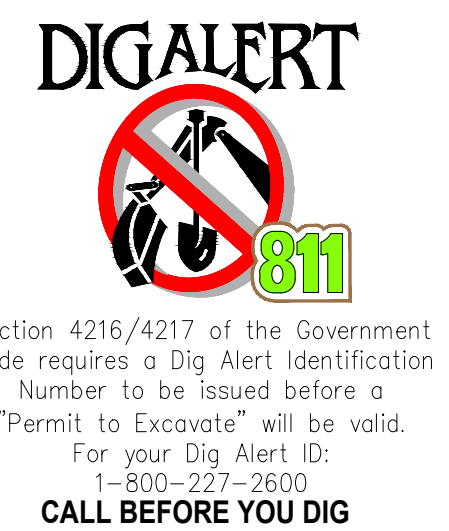
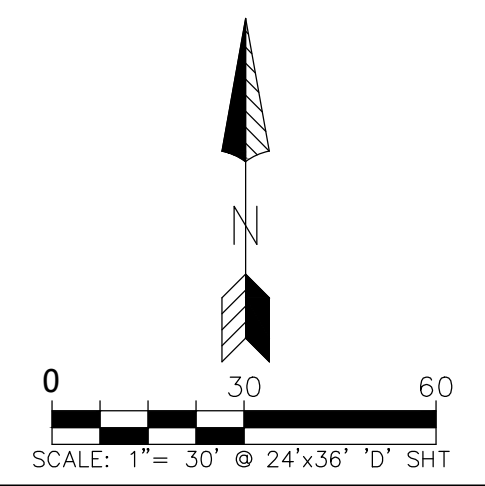
KEY NOTES

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 17'x30" HANDHOLE  
SEE DET. 4 SHT. 14
- 3 PL. 31' 1-2" PVC  
123' W-BLDG
- 4 PL. 15' 1-2" PVC  
150' W-BLDG
- 5 PL. 67' 1-2" PVC  
178' W-BLDG
- 6 PL. 10' 1-2" PVC  
70' W-BLDG
- 7 PL. 20' 1-2" PVC  
167' W-BLDG
- 8 PL. 20' 1-2" PVC  
150' W-BLDG
- 9 PL. 16' 1-2" PVC  
113' W-BLDG
- 10 PL. 14' 1-2" PVC  
48' W-BLDG
- 11 PL. 10' 1-2" PVC  
103' W-BLDG



JOB ID: 70065-5254206 | DATE: 07/30/2024  
 TITLE: CONDUIT DESIGN  
 STREET ADDRESS: GLENNEYER ST & CENTER ST  
 CITY/STATE: LAGUNA BEACH, CA  
 FTR ENGINEER: MIKE MADRID (714) 375-6720  
 FTR INSPECTOR: FRANK FUENTES (657) 250-1577

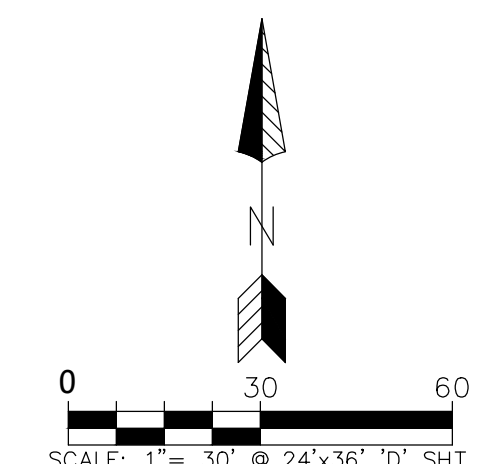
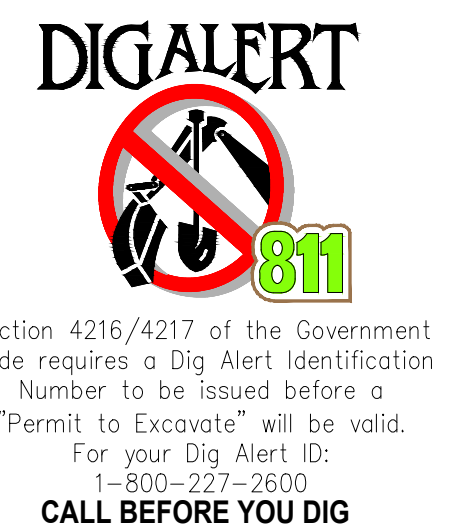
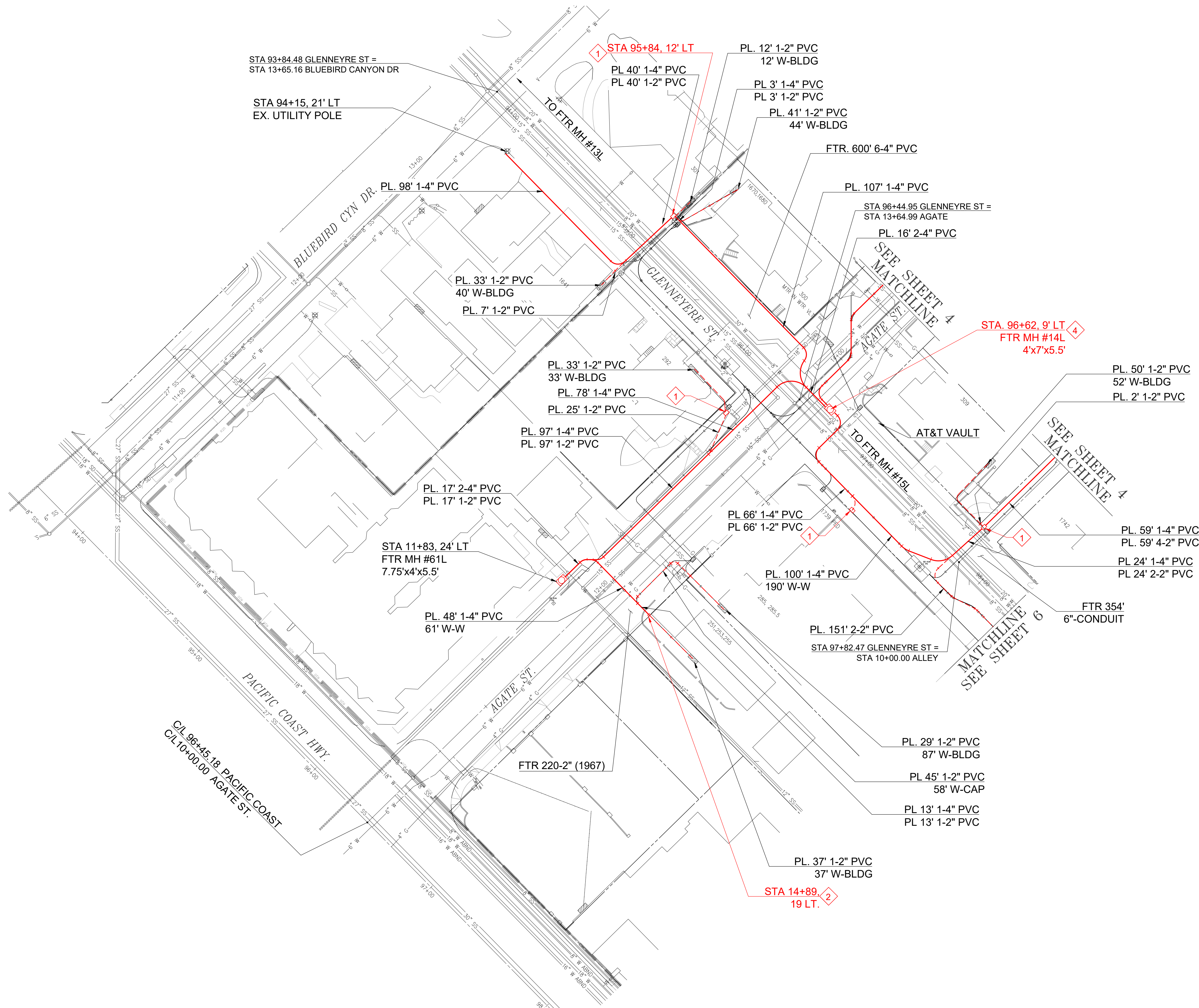
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 EST. #: \_\_\_\_\_ SHEET#: 4 OF 14



Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID: 1-800-227-2600 CALL BEFORE YOU DIG

KEY NOTES

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 17"x30" HANDHOLE  
SEE DET. 4 SHT. 14



# Frontier

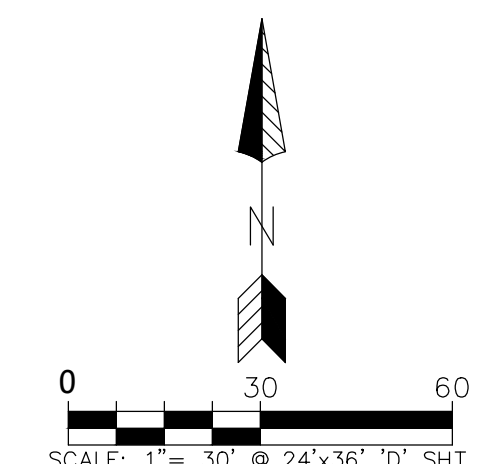
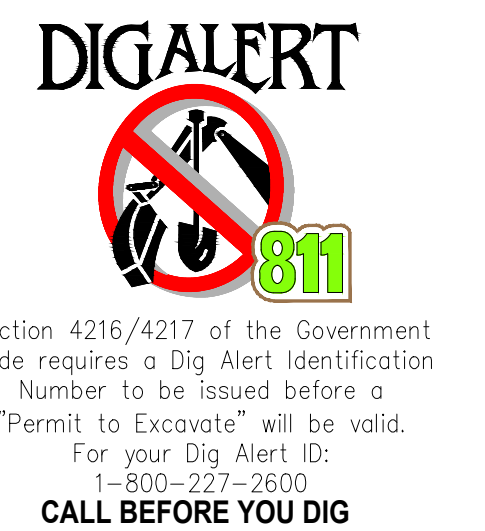
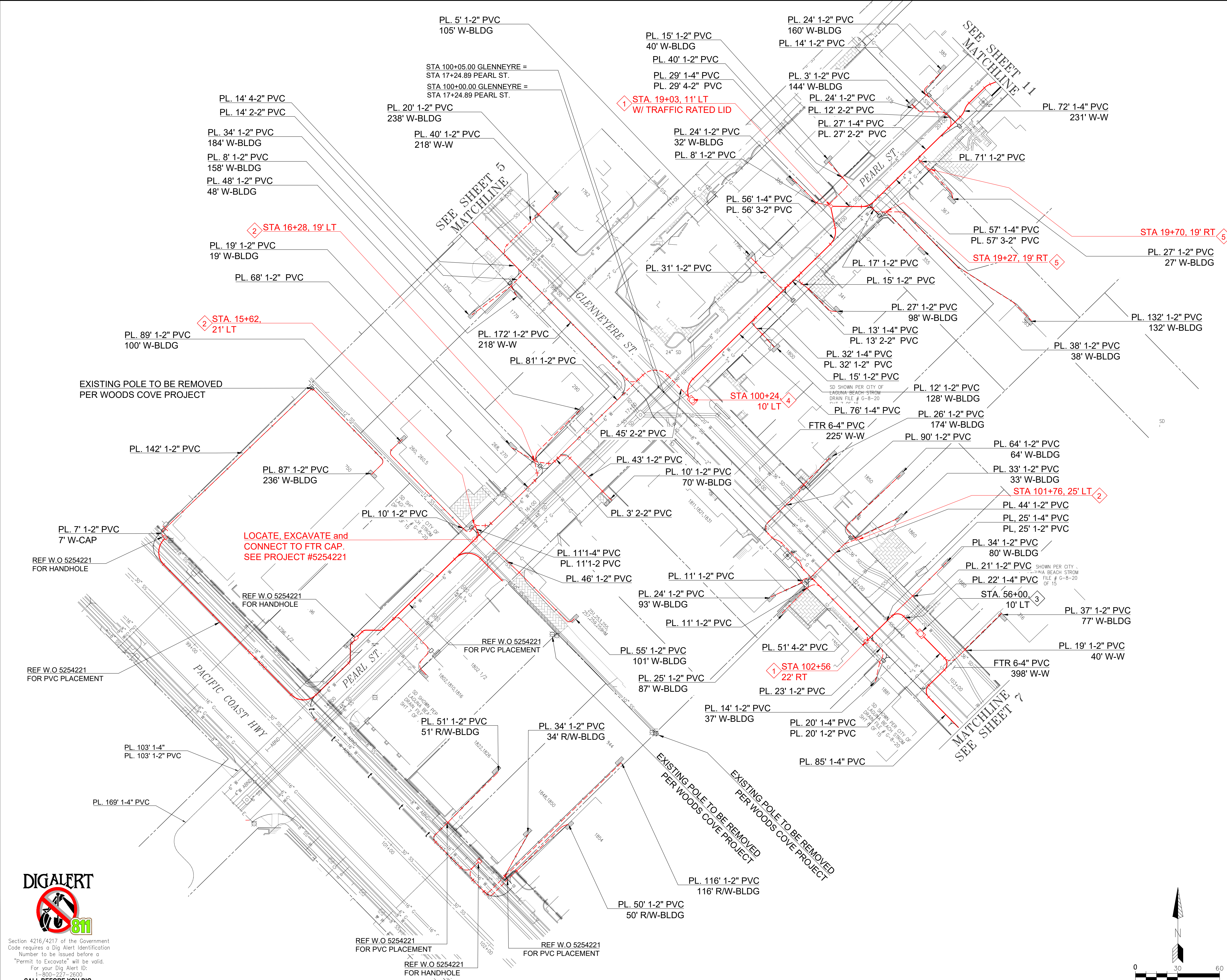
## COMMUNICATIONS

JOB ID: 70065-5254206		DATE: 07/30/2024	
TITLE: CONDUIT DESIGN			
STREET ADDRESS: GLENNEYRE ST & CENTER ST			
CITY/STATE: LAGUNA BEACH, CA			
FTR ENGINEER: MIKE MADRID (714) 375-6720			
FTR INSPECTOR: FRANK FUENTES (657) 250-1577			
DRAWN BY: MTCS		EST. #:	
		SHEET#:	
		5 OF 14	

Mountain Top  
Communication Services LLC

KEY NOTES

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 17'x30" HANDHOLE  
SEE DET. 4 SHT. 14
- 3 FTR MANHOLE #16L
- 4 FTR MANHOLE #15L
- 5 PL. 11'x17" HANDHOLE  
W/ TRAFFIC RATED LID  
SEE DET. 4 SHT. 14



# Frontier

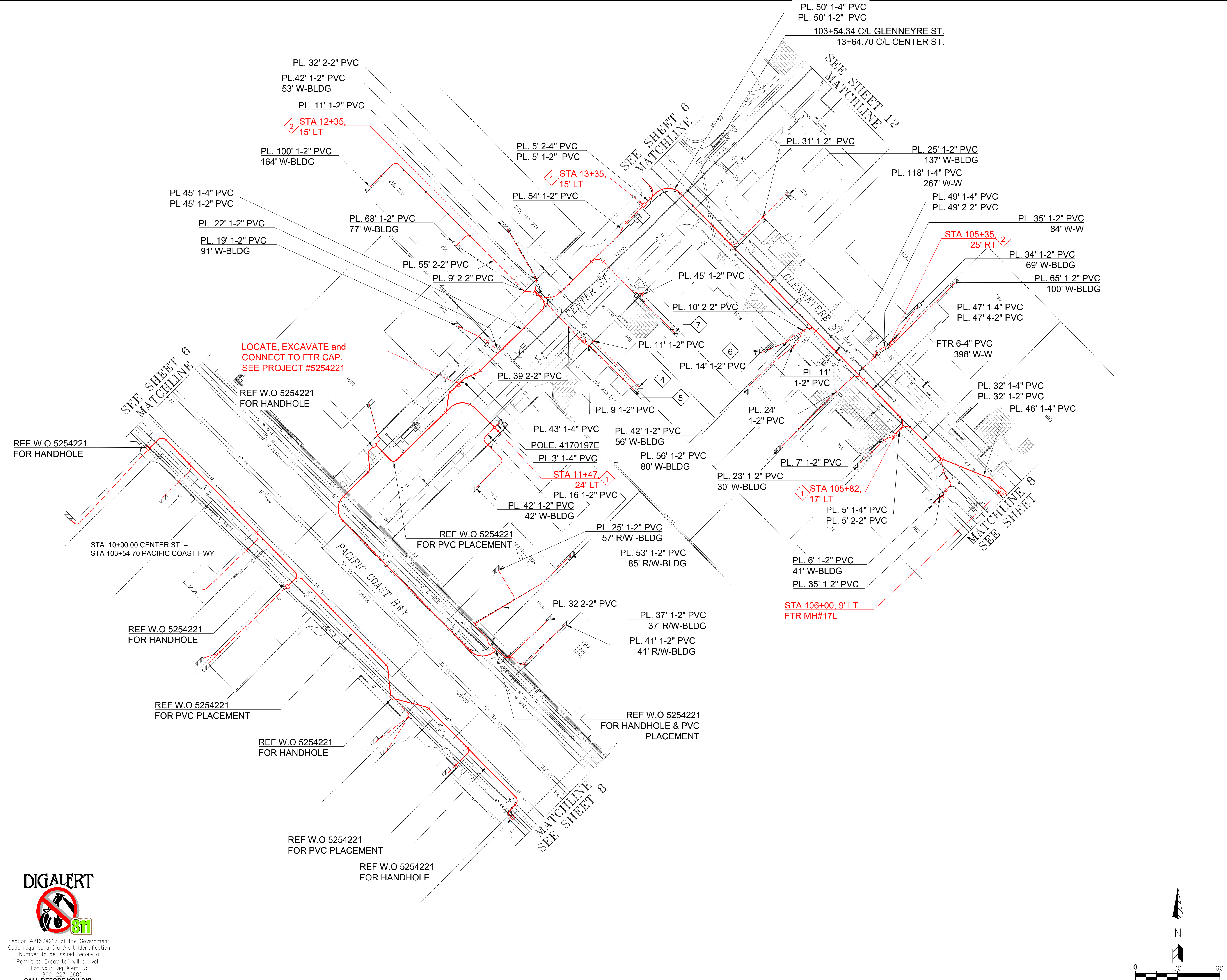
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JOB ID: 70065-5254206		DATE: 07/30/2024	
TITLE: CONDUIT DESIGN			
STREET ADDRESS: GLENNEYRE ST & CENTER ST			
CITY/STATE: LAGUNA BEACH, CA			
FTR ENGINEER: MIKE MADRID (714) 375-6720			
FTR INSPECTOR: FRANK FUENTES (657) 250-1577			
DRAWN BY: MTCS		EST. #:	
SHEET #:		6 OF 14	

Mountain Top Communication Services LLC

**KEY NOTES**

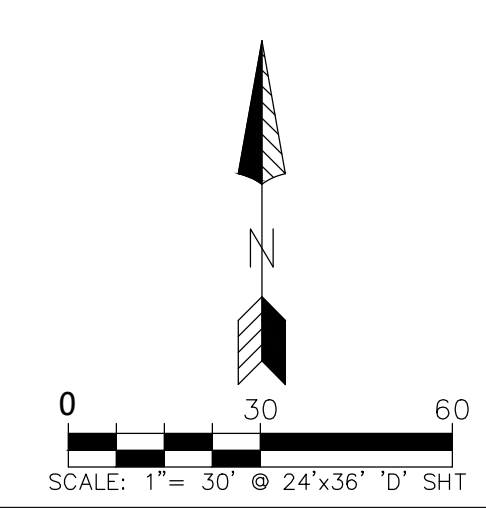
- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 11"x17" HANDHOLE  
SEE DET. 4 SHT. 14
- 3 LOCATE, EXCAVATE and  
CONNECT TO FTR CAP.  
SEE PROJECT #5254211
- 4 PL. 46' 1-2" PVC  
100' W-BLDG
- 5 PL. 46' 1-2" PVC  
94' W-BLDG
- 6 PL. 21' 1-2" PVC  
47' W-BLDG
- 7 PL. 36' 1-2" PVC  
130' W-BLDG



**Frontier**  
COMMUNICATIONS

JOB ID: 70065-5254206		DATE: 07/30/2024
TITLE: CONDUIT DESIGN		
STREET ADDRESS: GLENNEYRE ST & CENTER ST		
CITY/STATE: LAGUNA BEACH, CA		
FTR ENGINEER: MIKE MADRID (714) 375-6720		
FTR INSPECTOR: FRANK FUENTES (657) 250-1577		
DRAWN BY: MTCS		EST. #:
SHEET #:		7 OF 14

Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID: 1-800-227-2600  
**CALL BEFORE YOU DIG**



KEY NOTES

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 6 LOCATE, EXCAVATE and  
CONNECT TO FTR CAP.  
SEE PROJECT #5254211
- 2 PL. 60' 1-2" PVC  
79' W-BLDG
- 3 PL. 74' 1-2" PVC  
143' W-BLDG
- 4 PL. 50' 1-2" PVC  
71' W-BLDG
- 5 PL. 15' 1-2" PVC  
37' W-BLDG

LOCATE, EXCAVATE and  
CONNECT TO FTR CAP.  
SEE PROJECT #5254221

STA 107+08.48 PACIFIC COAST HWY =  
STA 13+30+05 DIAMOND

REF W.O 5254221  
FOR HANDHOLE

REF W.O 5254221  
FOR PVC PLACEMENT

REF W.O 5254221  
FOR HANDHOLE

REF W.O 5254221  
FOR PVC PLACEMENT

REF W.O 5254221  
FOR PVC PLACEMENT



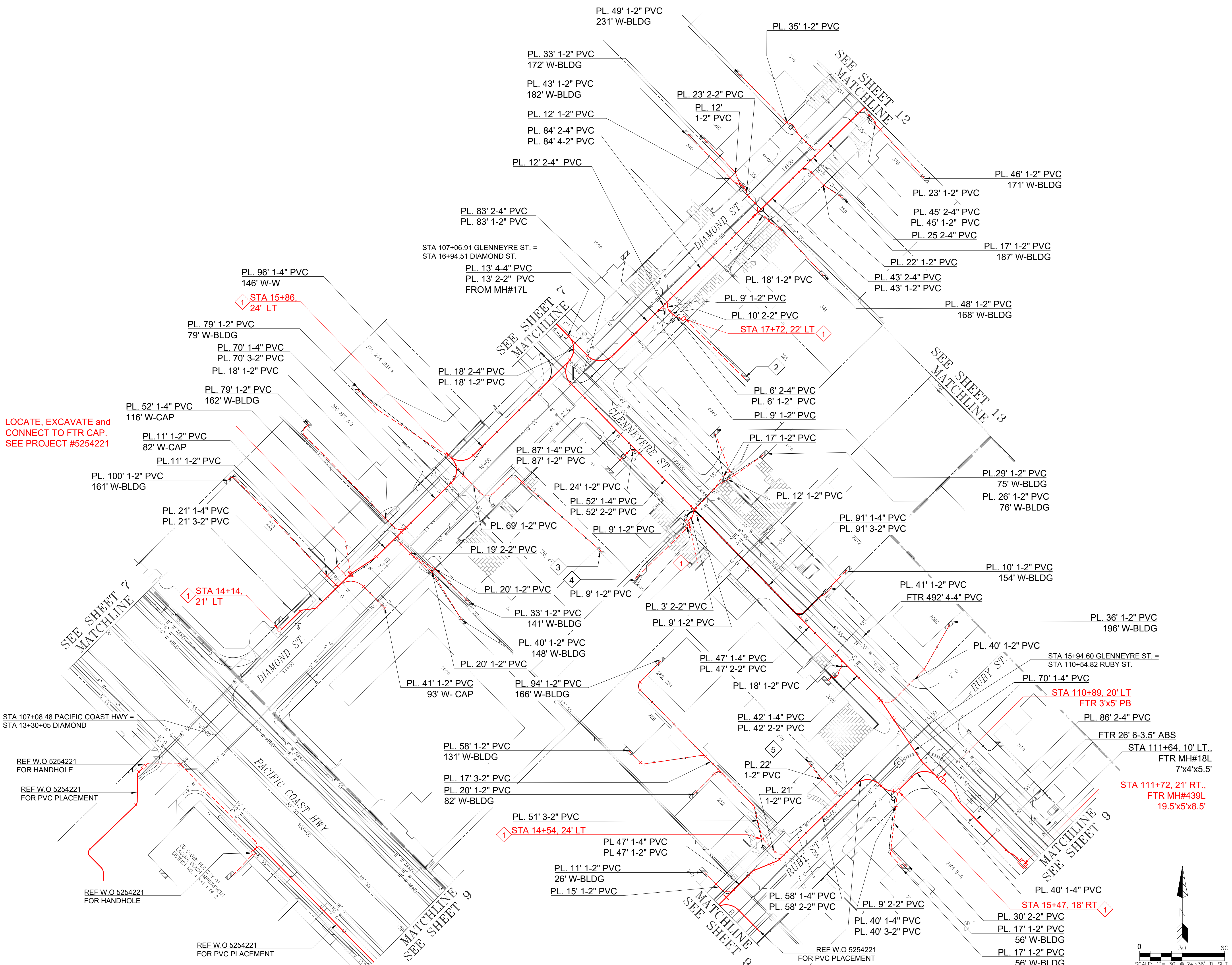
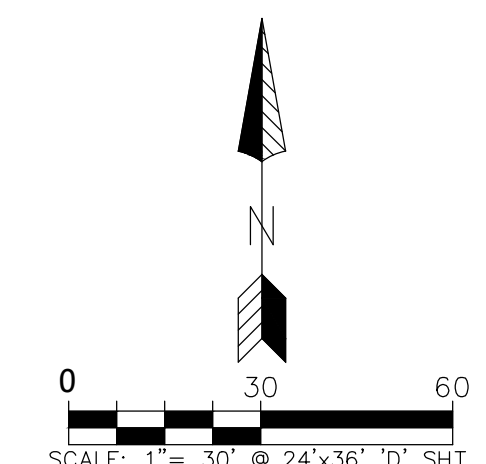
Section 4216/4217 of the Government  
Code requires a Dig Alert Identification  
Number to be issued before a  
"Permit to Excavate" will be valid.  
For your Dig Alert ID:  
1-800-227-2600  
CALL BEFORE YOU DIG

# Frontier

COMMUNICATIONS

JOB ID: 70065-5254206 | DATE: 07/30/2024  
TITLE: CONDUIT DESIGN  
STREET ADDRESS: GLENNEYRE ST & CENTER ST  
CITY/STATE: LAGUNA BEACH, CA  
FTR ENGINEER: MIKE MADRID (714) 375-6720  
FTR INSPECTOR: FRANK FUENTES (657) 250-1577

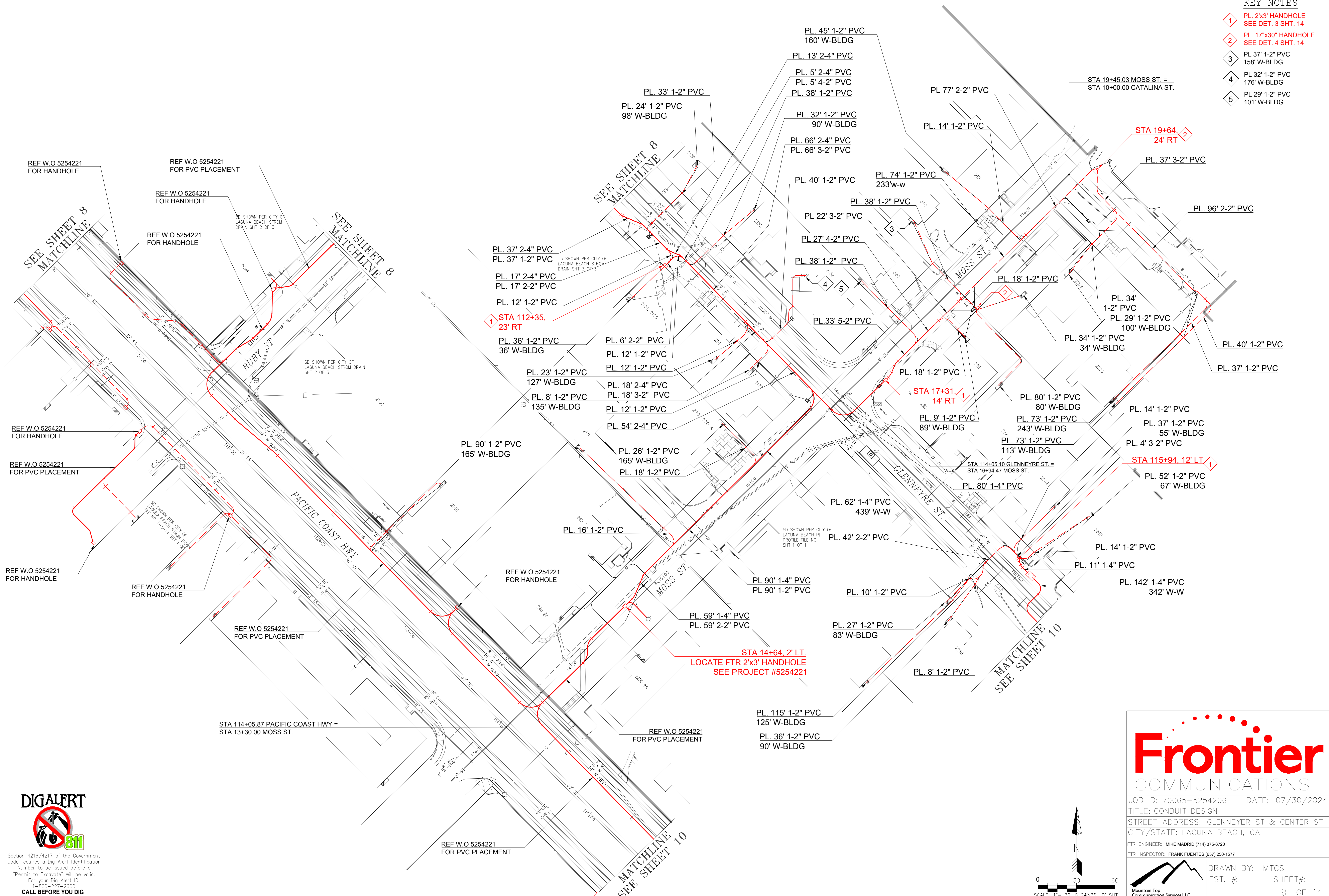
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EST. #: SHEET#:  
8 OF 14





KEY NOTES

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 17"x30" HANDHOLE  
SEE DET. 4 SHT. 14
- 3 PL. 37' 1-2" PVC  
158' W-BLDG
- 4 PL. 32' 1-2" PVC  
176' W-BLDG
- 5 PL. 29' 1-2" PVC  
101' W-BLDG



REF W.O 5254221 FOR HANDHOLE

REF W.O 5254221 FOR PVC PLACEMENT

REF W.O 5254221 FOR HANDHOLE

REF W.O 5254221 FOR HANDHOLE

REF W.O 5254221 FOR HANDHOLE

REF W.O 5254221 FOR PVC PLACEMENT

REF W.O 5254221 FOR HANDHOLE

REF W.O 5254221 FOR HANDHOLE

REF W.O 5254221 FOR PVC PLACEMENT

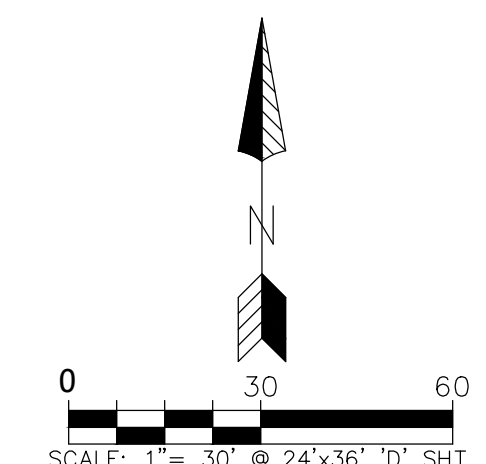
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REF W.O 5254221 FOR PVC PLACEMENT

REF W.O 5254221 FOR PVC PLACEMENT



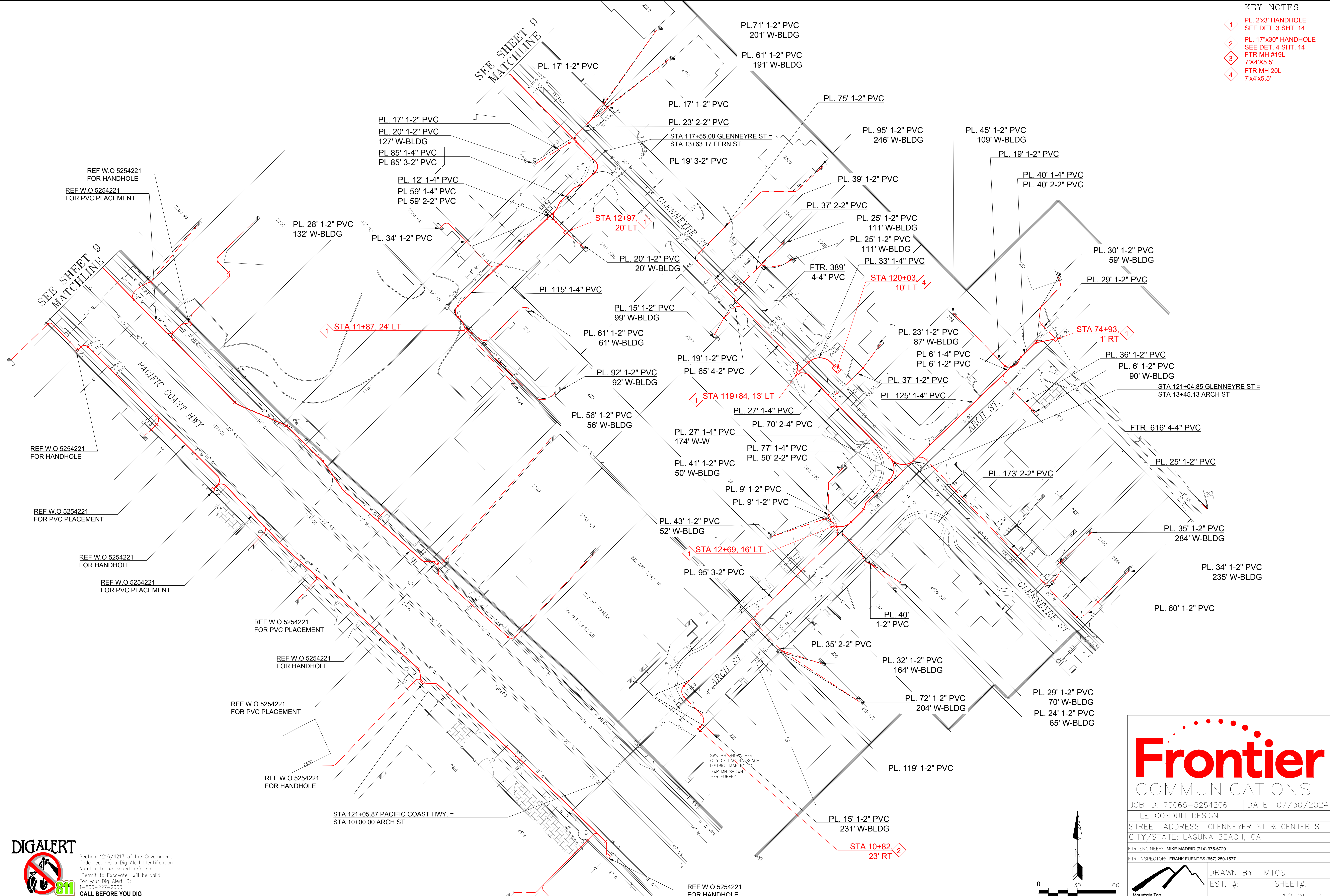
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID: 1-800-227-2600 CALL BEFORE YOU DIG



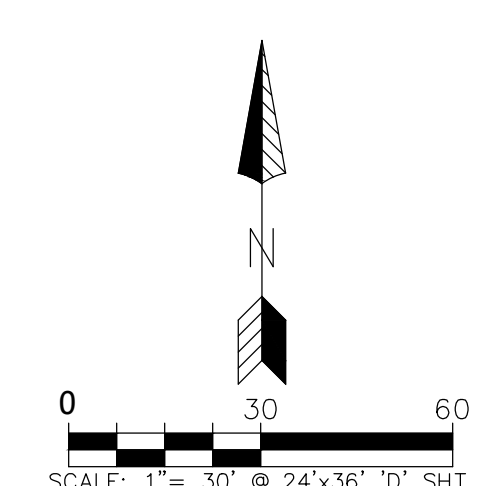
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STREET ADDRESS: GLENNEYRE ST & CENTER ST			
CITY/STATE: LAGUNA BEACH, CA			
FTR ENGINEER: MIKE MADRID (714) 375-6720			
FTR INSPECTOR: FRANK FUENTES (657) 250-1577			
DRAWN BY: MTCS		EST. #:	
		SHEET #:	
		9 OF 14	

KEY NOTES

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 17"x30" HANDHOLE  
SEE DET. 4 SHT. 14  
FTR MH #19L  
7'x4'x5.5'
- 3 FTR MH #19L  
7'x4'x5.5'
- 4 FTR MH #20L  
7'x4'x5.5'



**DIGALERT**  
  
 Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid.  
 For your Dig Alert ID:  
 1-800-227-2800  
**CALL BEFORE YOU DIG**



**Frontier**  
 COMMUNICATIONS

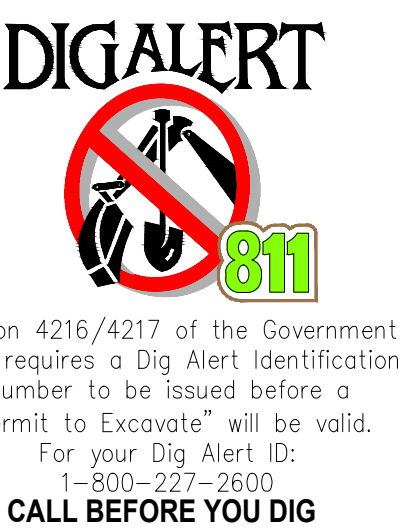
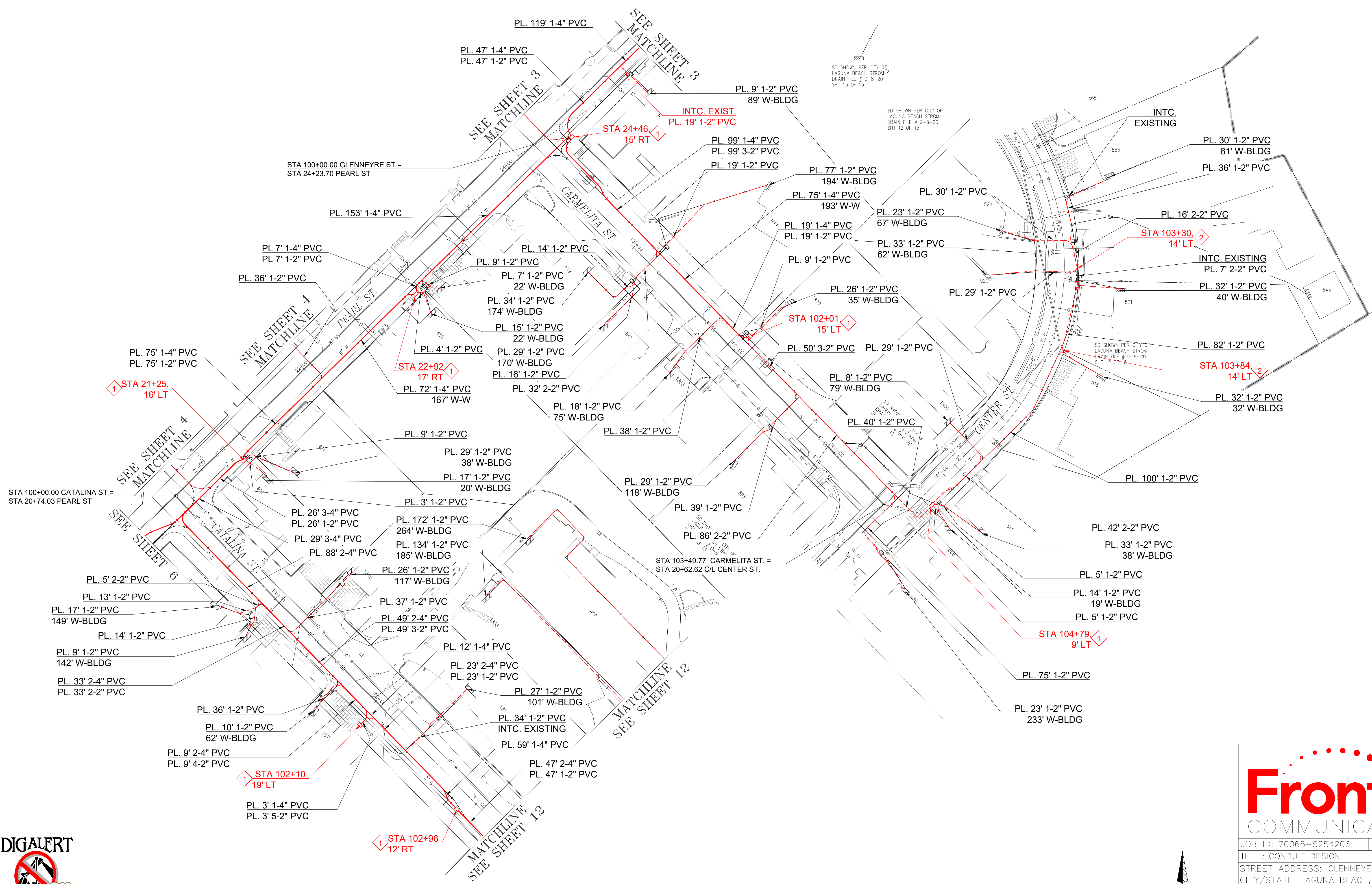
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 STREET ADDRESS: GLENNEYRE ST & CENTER ST  
 CITY/STATE: LAGUNA BEACH, CA  
 FTR. ENGINEER: MIKE MADRID (714) 375-6720  
 FTR. INSPECTOR: FRANK FUENTES (657) 250-1577

DRAWN BY: MTCS  
 EST. #: \_\_\_\_\_ SHEET#: 10 OF 14

Mountain Top Communication Services LLC

KEY NOTES

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 17"x30" HANDHOLE  
SEE DET. 4 SHT. 14

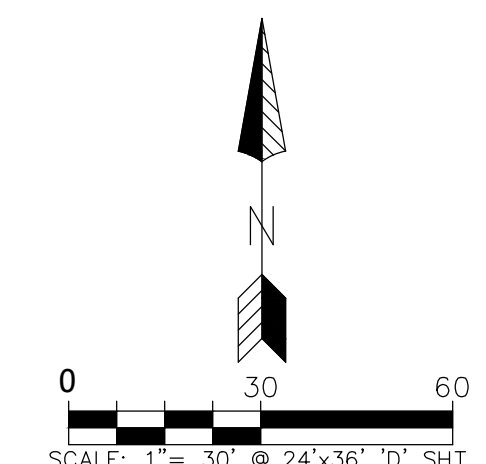


**Frontier**  
COMMUNICATIONS

JOB ID: 70065-5254206 | DATE: 07/30/2024  
 TITLE: CONDUIT DESIGN  
 STREET ADDRESS: GLENNEYER ST & CENTER ST  
 CITY/STATE: LAGUNA BEACH, CA  
 FTR ENGINEER: MIKE MADRID (714) 375-6720  
 FTR INSPECTOR: FRANK FUENTES (657) 250-1577

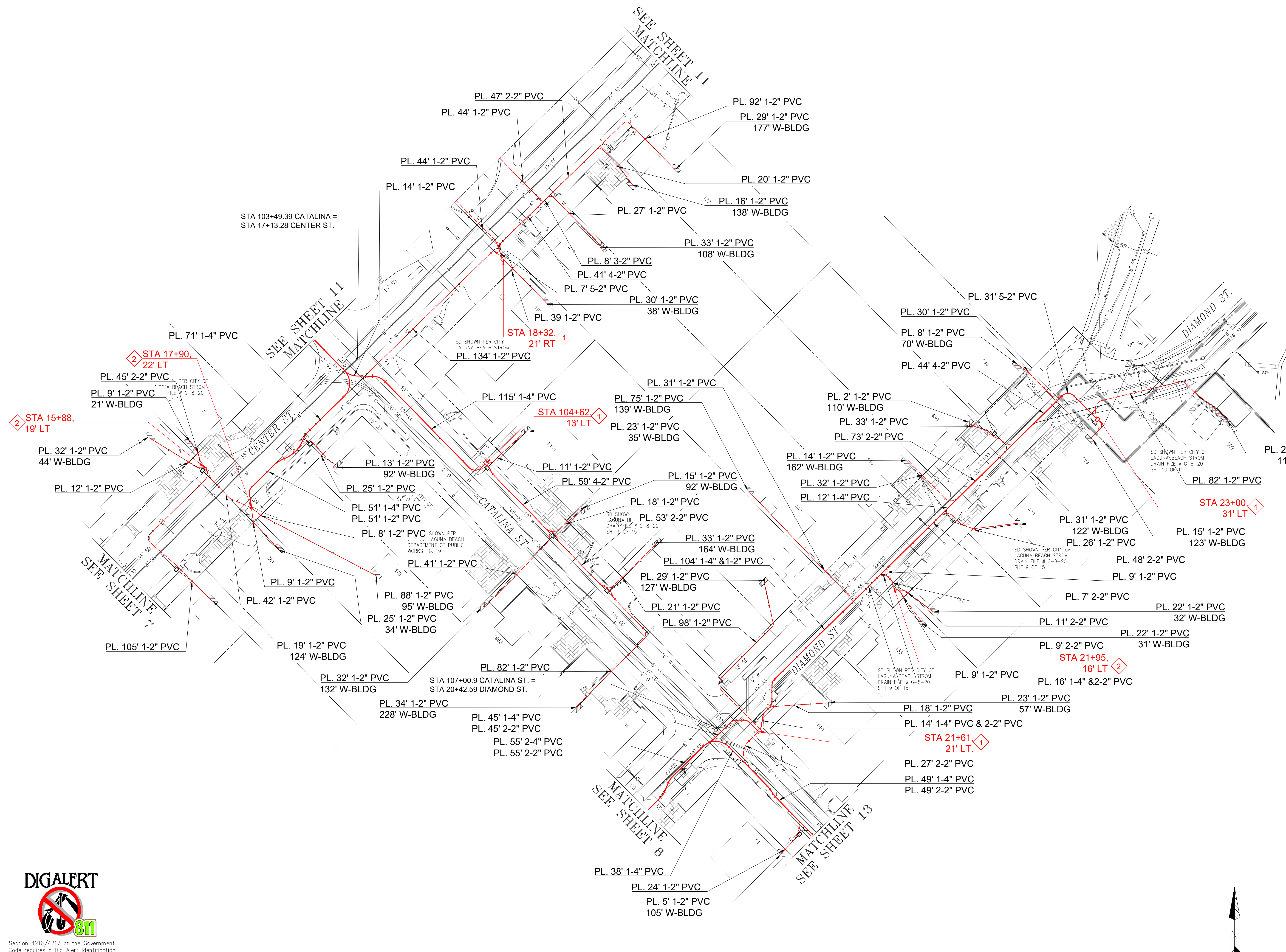
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Mountain Top Communication Services LLC



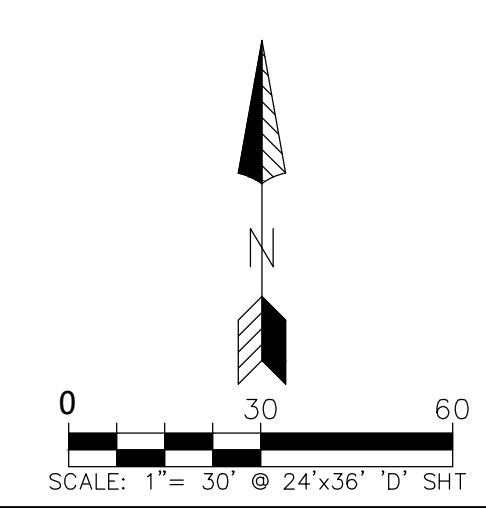
KEY NOTES

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 17"x30" HANDHOLE  
SEE DET. 4 SHT. 14



**DIGALERT**

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**Frontier COMMUNICATIONS**

JOB ID: 70065-5254206 | DATE: 07/30/2024

TITLE: CONDUIT DESIGN

STREET ADDRESS: GLENNEYER ST & CENTER ST

CITY/STATE: LAGUNA BEACH, CA

FTR ENGINEER: MIKE MADRID (714) 375-6720

FTR INSPECTOR: FRANK FUENTES (657) 250-1577

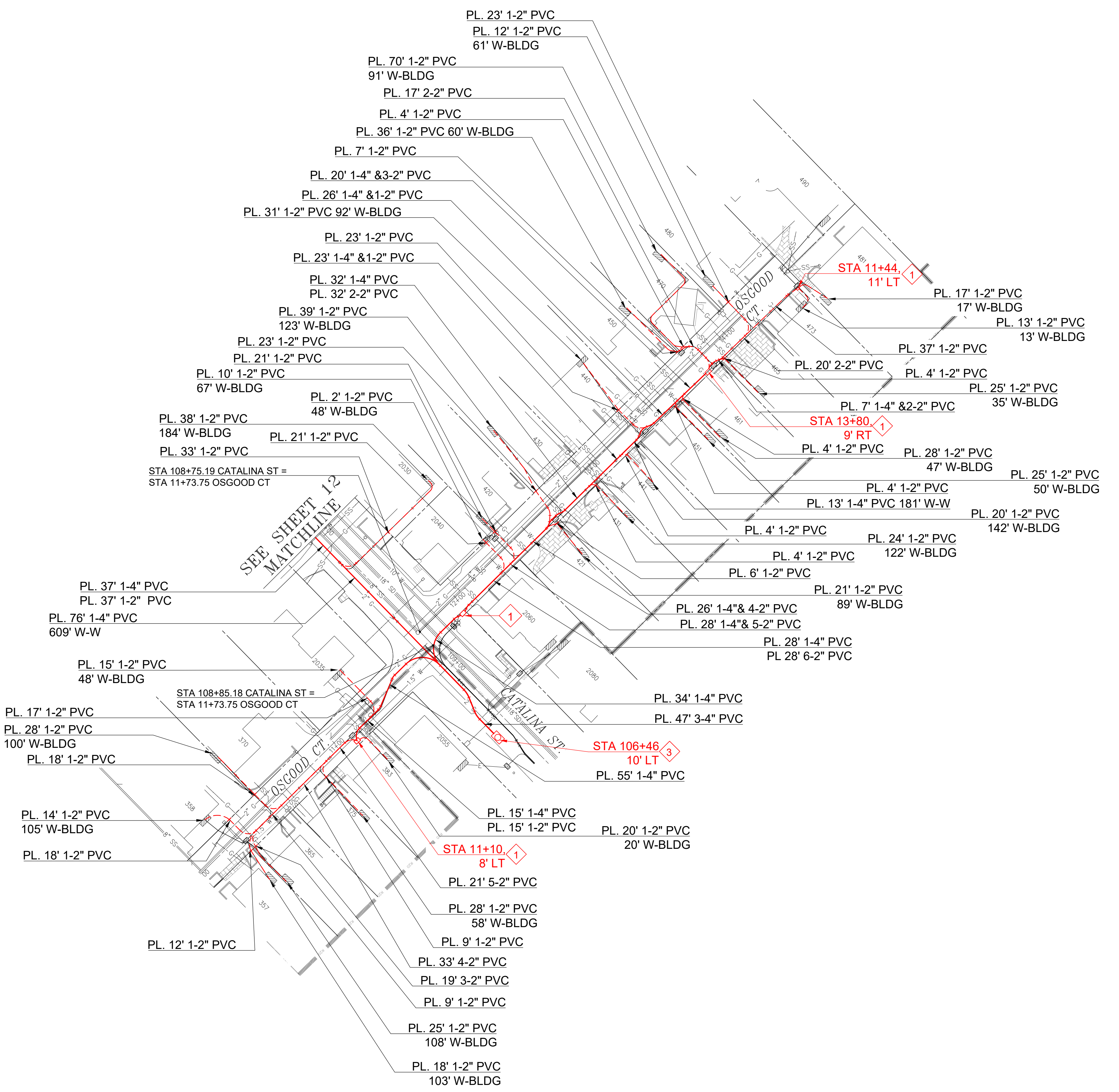
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EST. #: \_\_\_\_\_ SHEET#: 12 OF 14

Mountain Top Communication Services LLC

KEY NOTES

- 1 PL. 2'x3' HANDHOLE  
SEE DET. 3 SHT. 14
- 2 PL. 17"x30" HANDHOLE
- 3 FTR MH #59F4



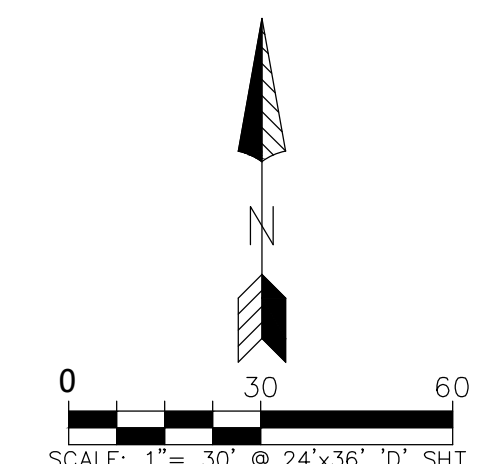
SEE SHEET 12  
MATCHLINE

STA 108+75.19 CATALINA ST =  
STA 11+73.75 OSGOOD CT

STA 108+85.18 CATALINA ST =  
STA 11+73.75 OSGOOD CT

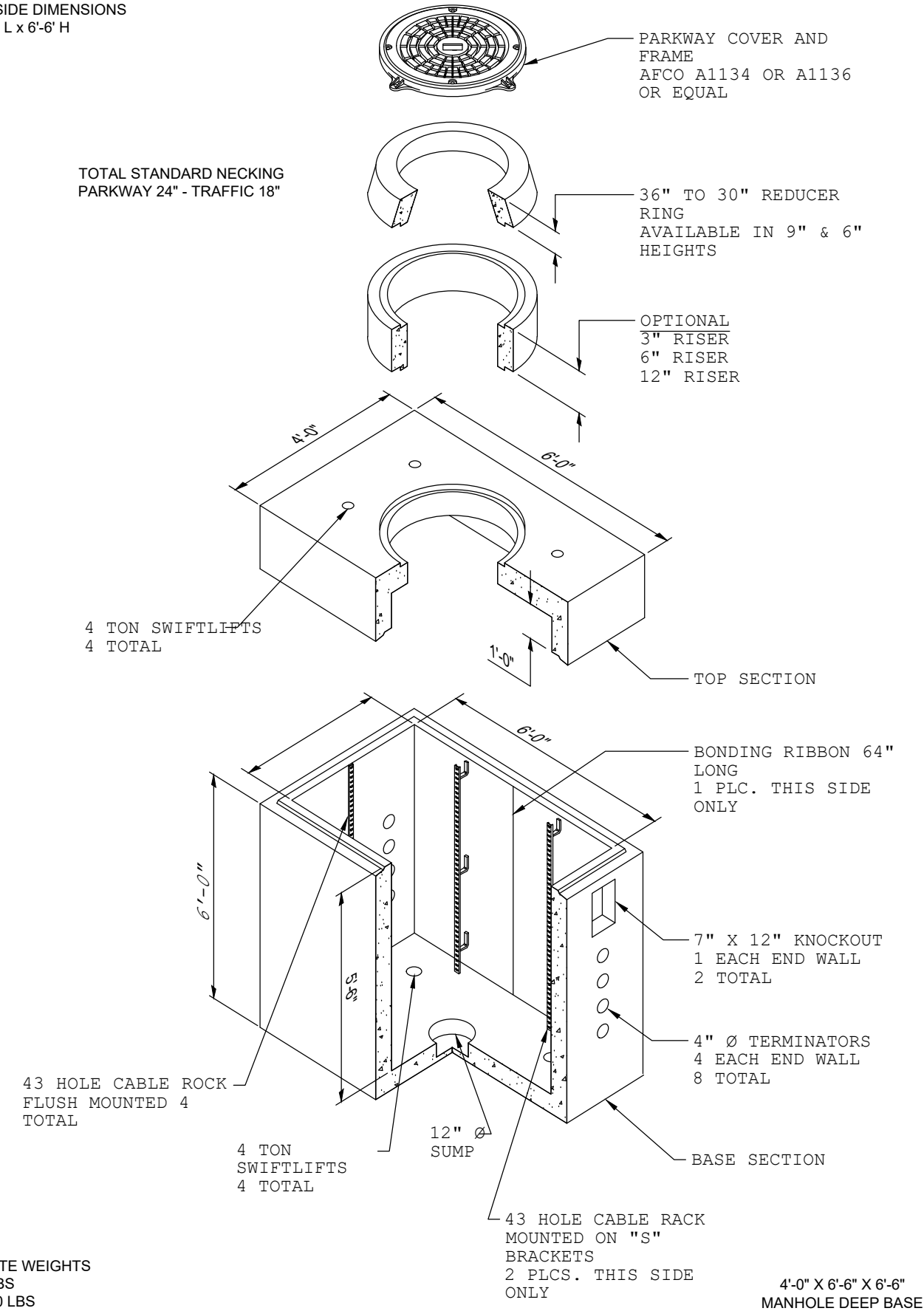


Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID: 1-800-227-2600 CALL BEFORE YOU DIG



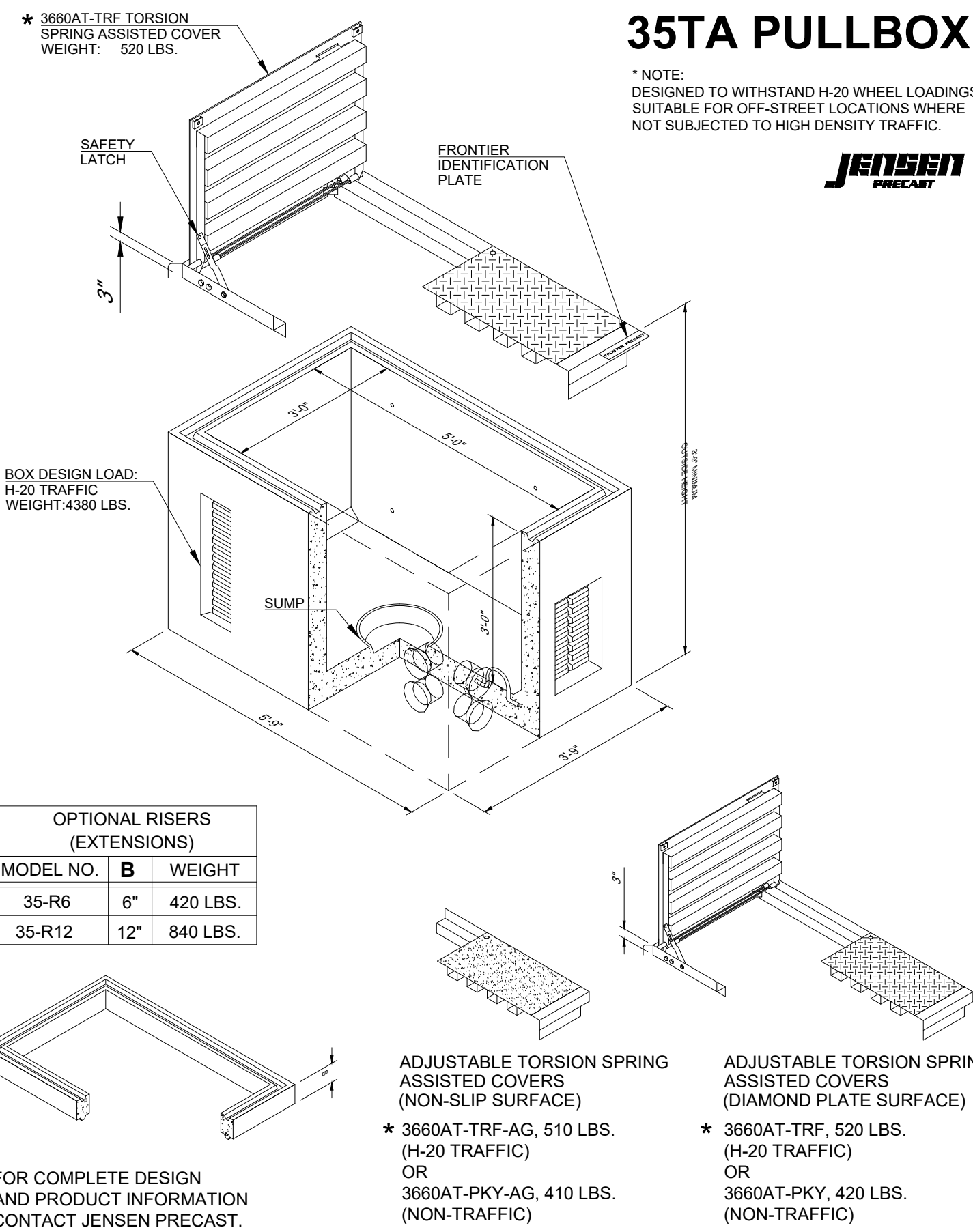
JOB ID: 70065-5254206		DATE: 07/30/2024	
TITLE: CONDUIT DESIGN			
STREET ADDRESS: GLENNEYER ST & CENTER ST			
CITY/STATE: LAGUNA BEACH, CA			
FTR ENGINEER: MIKE MADRID (714) 375-6720			
FTR INSPECTOR: FRANK FUENTES (657) 250-1577			
DRAWN BY: MTCS		EST. #:	
		SHEET#:	
		13 OF 14	

OVERALL OUTSIDE DIMENSIONS  
5'-0" W x 7'-6" L x 7'-8" H  
OVERALL INSIDE DIMENSIONS  
4'-0" W x 6'-0" L x 6'-0" H



TYPICAL 4'x6'-6"x6'-6" MANHOLE DETAIL

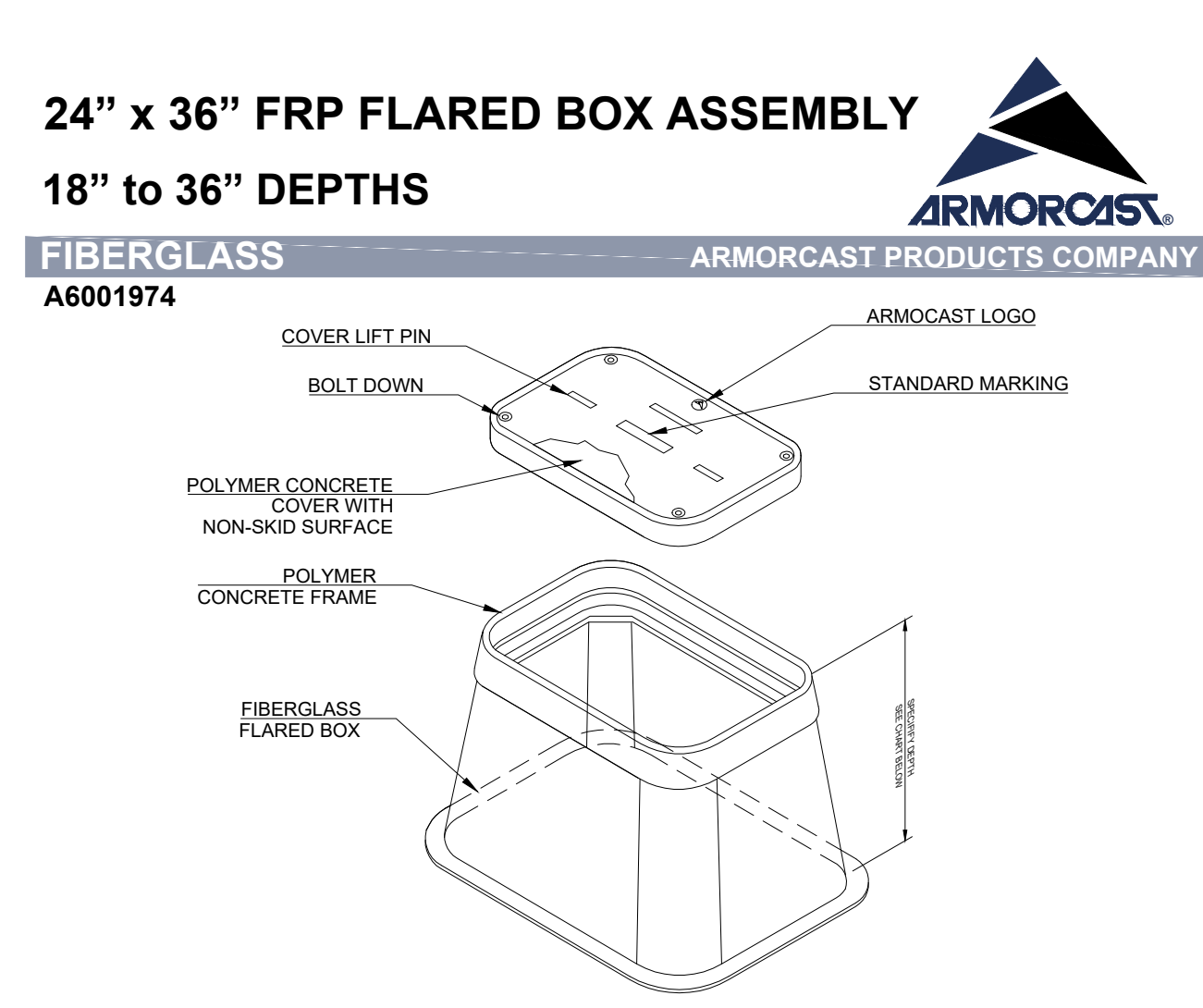
1



PULL BOX - 3'-0"x5'-0"x3'-0"

2

FIBERGLASS BOXES



**24"W x 36"L FRP FLARED BOX ASSEMBLIES Specify Depth Below**

DESCRIPTION	NOMINAL SIZE W x L x D	LOAD RATING	ANSI TIER	PART NUMBER	APPROX. PALLET WEIGHT	PALLET QTY.
Box & Cover Assembly	24' x 36' x 18"	10K	8	A6001974AX18	173 lbs.	5
	24' x 36' x 18"	20K	15	A6001974TAX18	242 lbs.	5
Box & Cover Assembly	24' x 36' x 24"	10K	8	A6001974AX24	174 lbs.	5
	24' x 36' x 24"	20K	15	A6001974TAX24	241 lbs.	5
Box & Cover Assembly	24' x 36' x 30"	10K	8	A6001974AX30	207 lbs.	5
	24' x 36' x 30"	20K	15	A6001974TAX30	276 lbs.	5
Box & Cover Assembly	24' x 36' x 36"	10K	8	A6001974AX36	210 lbs.	5
	24' x 36' x 36"	20K	15	A6001974TAX36	280 lbs.	5

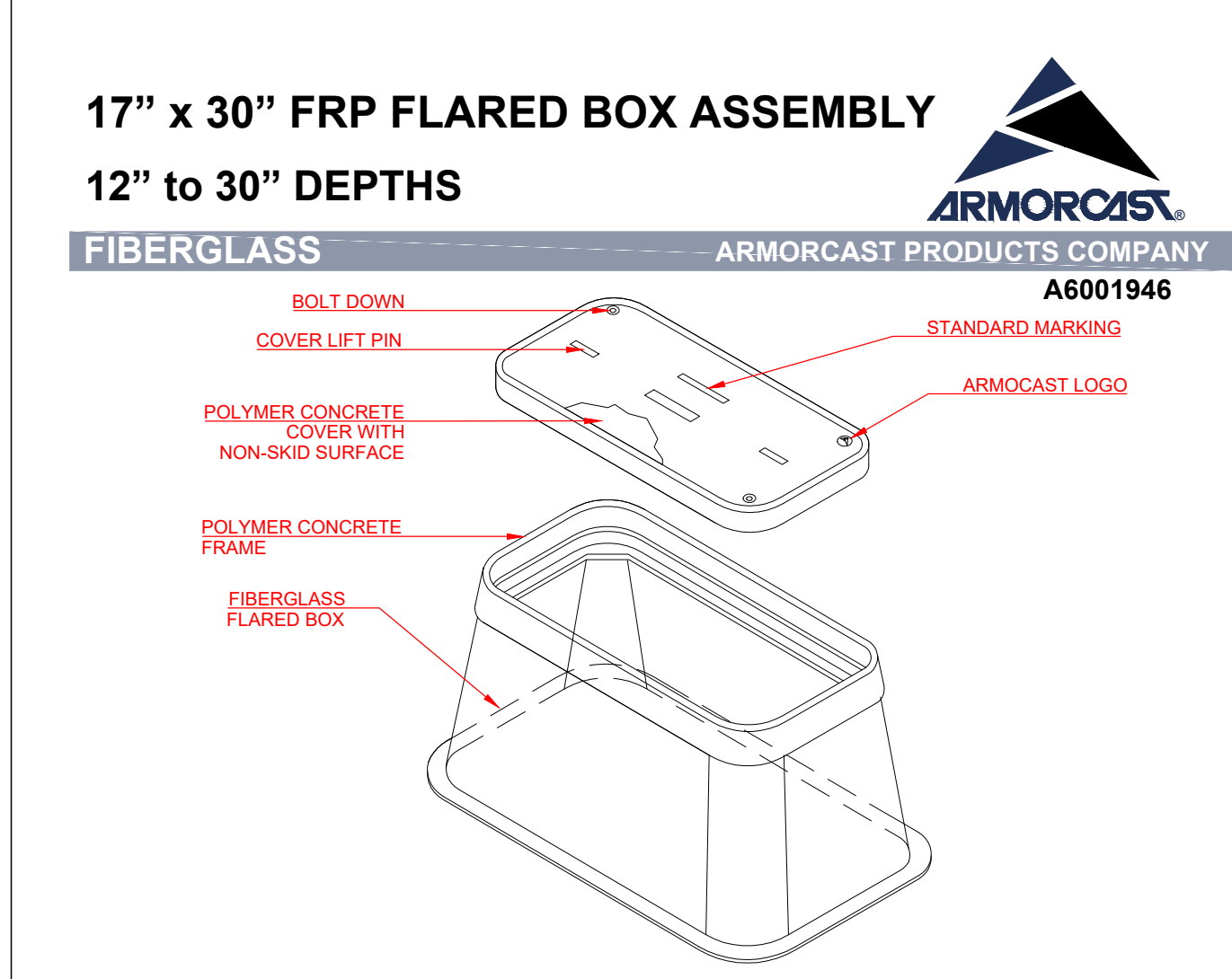
**COMPONENTS**

DESCRIPTION	NOMINAL SIZE W x L x D	LOAD RATING	ANSI TIER	PART NUMBER	APPROX. PALLET WEIGHT	PALLET QTY.
Replacement Covers	24' x 36"	10K	8	A6001975	95 lbs.	20
	24' x 36"	20K	15	A6001975T	157 lbs.	20
Replacement Boxes	24' x 36' x 18"	10K / 20K	8 / 15	A6001974X18	78 lbs.	5
	24' x 36' x 24"	10K / 20K	8 / 15	A6001974X24	79 lbs.	5
	24' x 36' x 30"	10K / 20K	8 / 15	A6001974X30	112 lbs.	5
	24' x 36' x 36"	10K / 20K	8 / 15	A6001974X36	115 lbs.	5
	Extensions 18" Boxes Only	24' x 36' x 8"	10K / 20K	8 / 15	A6001974EX8	50 lbs.
	24' x 36' x 16"	10K / 20K	8 / 15	A6001974EX16	62 lbs.	3

• Boxes are Open Bottom.  
• For sizes not shown please contact Armorcast Products for more information  
www.armorcastprod.com Tel: (818) 982-3600 Fax: (818) 982-7742

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FIBERGLASS BOXES



**17"W x 30"L FRP FLARED BOX ASSEMBLIES Specify Depth Below**

DESCRIPTION	NOMINAL SIZE W x L x D	LOAD RATING	ANSI TIER	PART NUMBER	APPROX. PALLET WEIGHT	PALLET QTY.
Box & Cover Assembly	17' x 30' x 12"	10K	8	A6001640AX12	84 lbs.	16
	17' x 30' x 12"	20K	15	A6001640TAX12	112 lbs.	16
Box & Cover Assembly	17' x 30' x 18"	10K	8	A6001640AX18	83 lbs.	16
	17' x 30' x 18"	20K	15	A6001640TAX18	123 lbs.	16
Box & Cover Assembly	17' x 30' x 24"	10K	8	A6001640AX24	109 lbs.	12
	17' x 30' x 24"	20K	15	A6001640TAX24	142 lbs.	12
Box & Cover Assembly	17' x 30' x 30"	10K	8	A6001640AX30	126 lbs.	10
	17' x 30' x 30"	20K	15	A6001640TAX30	167 lbs.	10

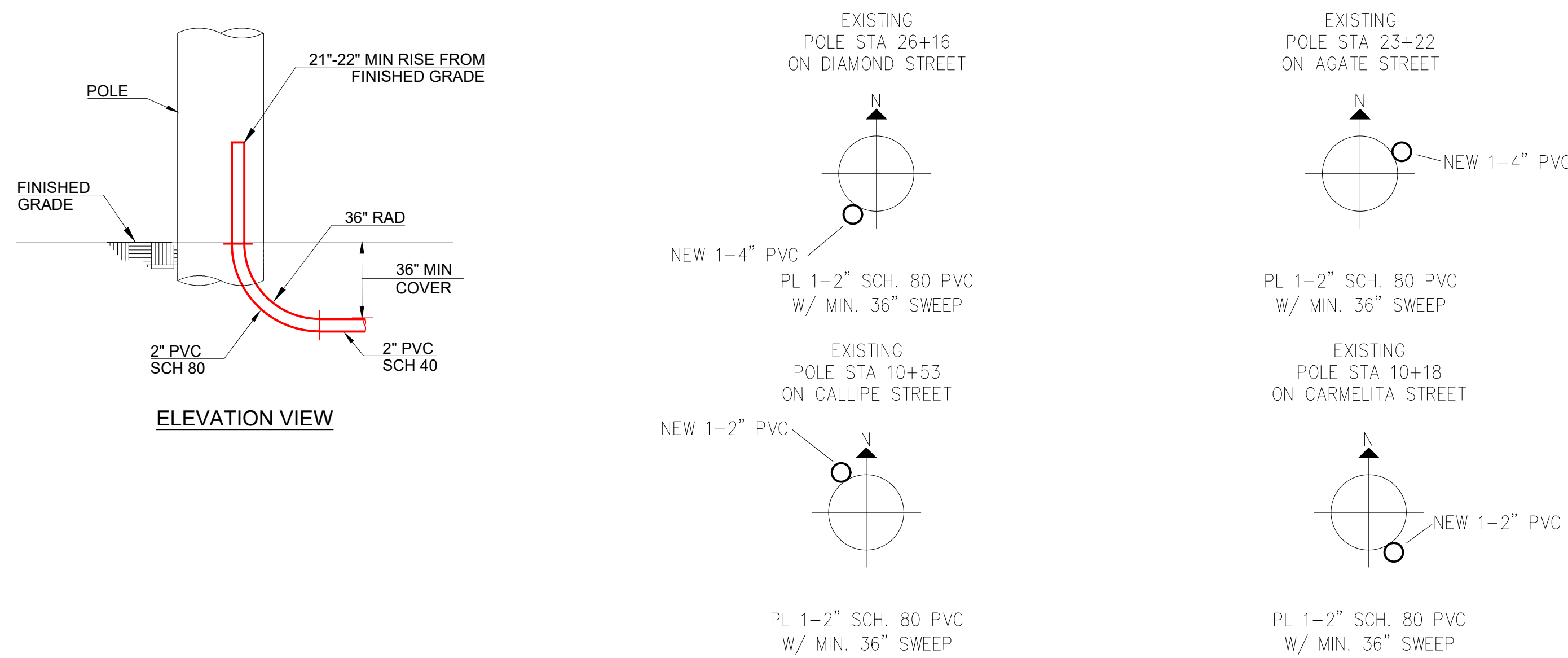
**COMPONENTS**

DESCRIPTION	NOMINAL SIZE W x L x D	LOAD RATING	ANSI TIER	PART NUMBER	APPROX. PALLET WEIGHT	PALLET QTY.
Replacement Covers	17' x 30"	10K	8	A6001943	44 lbs.	30
	17' x 30"	20K	15	A6001943T	70 lbs.	30
Replacement Boxes	17' x 30' x 12"	10K / 20K	8 / 15	A6001640X12	40 lbs.	16
	17' x 30' x 18"	10K / 20K	8 / 15	A6001640X18	49 lbs.	16
	17' x 30' x 24"	10K / 20K	8 / 15	A6001640X24	65 lbs.	12
	17' x 30' x 30"	10K / 20K	8 / 15	A6001640X30	82 lbs.	12
	Extensions 18" Boxes Only	17' x 30' x 8"	10K / 20K	8 / 15	A6001640EX8	38 lbs.
	17' x 30' x 16"	10K / 20K	8 / 15	A6001640EX16	48 lbs.	8

• Boxes are Open Bottom.  
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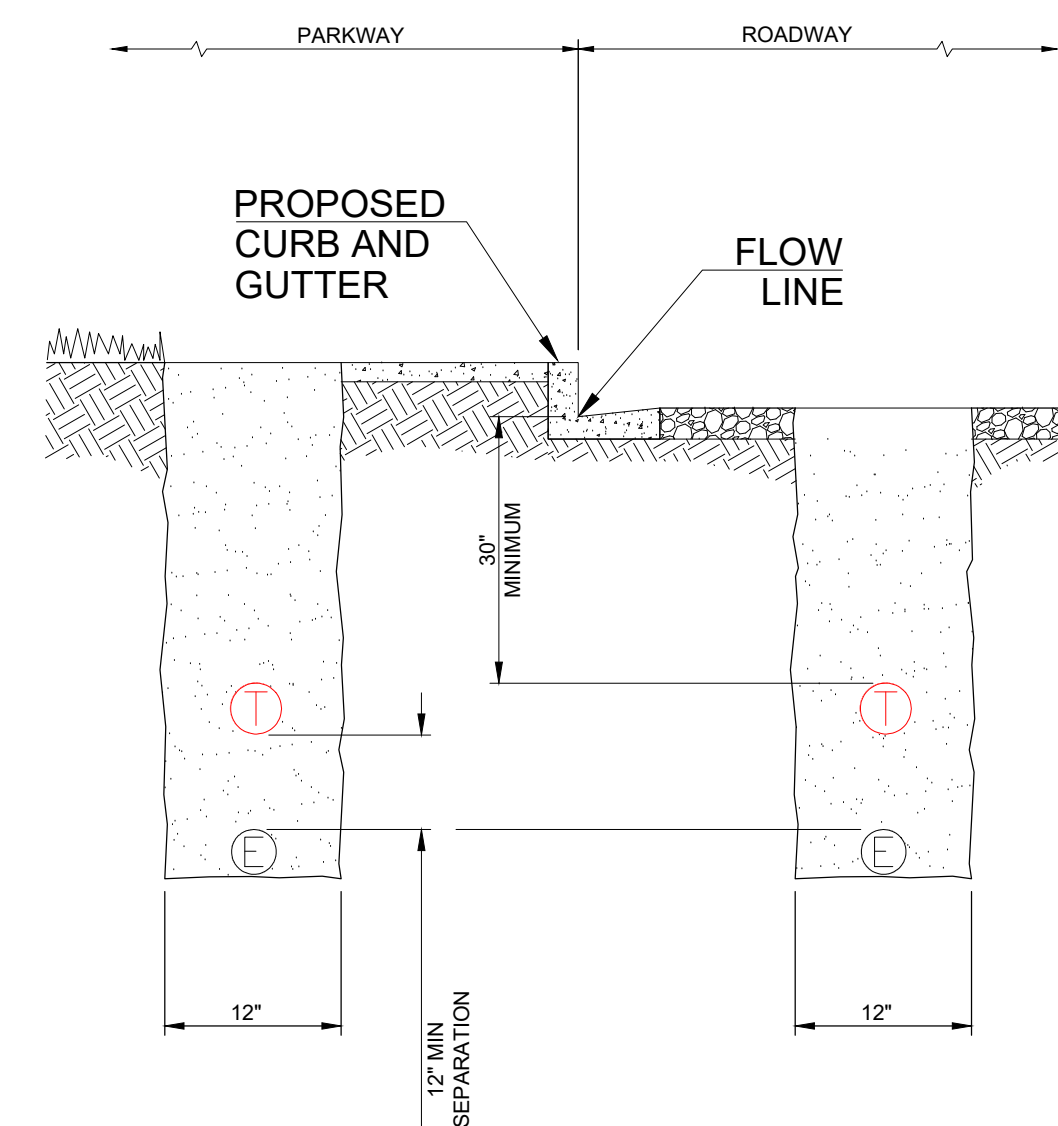
98

PLAN VIEW



TYPICAL RISER DETAIL

5



PUBLIC R/W TRENCH DETAIL

6

**Frontier**  
COMMUNICATIONS

JOB ID: 70065-5254206 | DATE: 07/30/2024

TITLE: CONDUIT DESIGN

STREET ADDRESS: GLENNEYER ST & CENTER ST

CITY/STATE: LAGUNA BEACH, CA

FTR ENGINEER: MIKE MADRID (714) 375-6720

FTR INSPECTOR: FRANK FUENTES (657) 250-1577

DRAWN BY: MTCS

EST. #: \_\_\_\_\_ SHEET #: 14 OF 14

Mountain Top Communication Services LLC