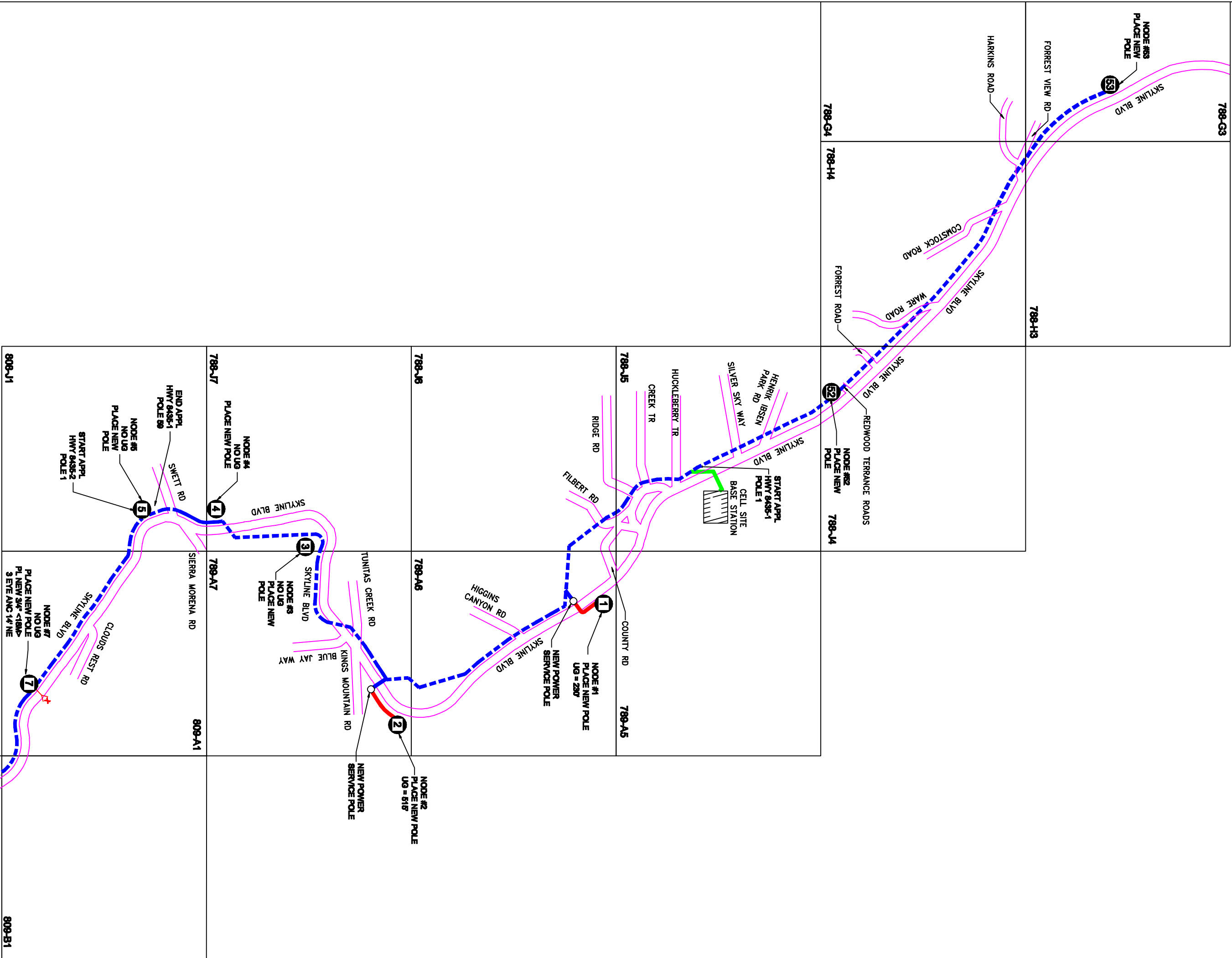
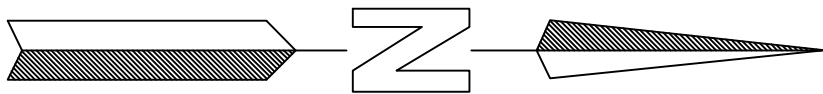


Appendix G

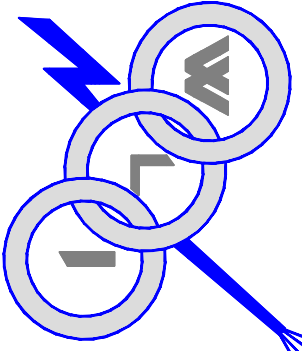
Construction Engineering Drawings



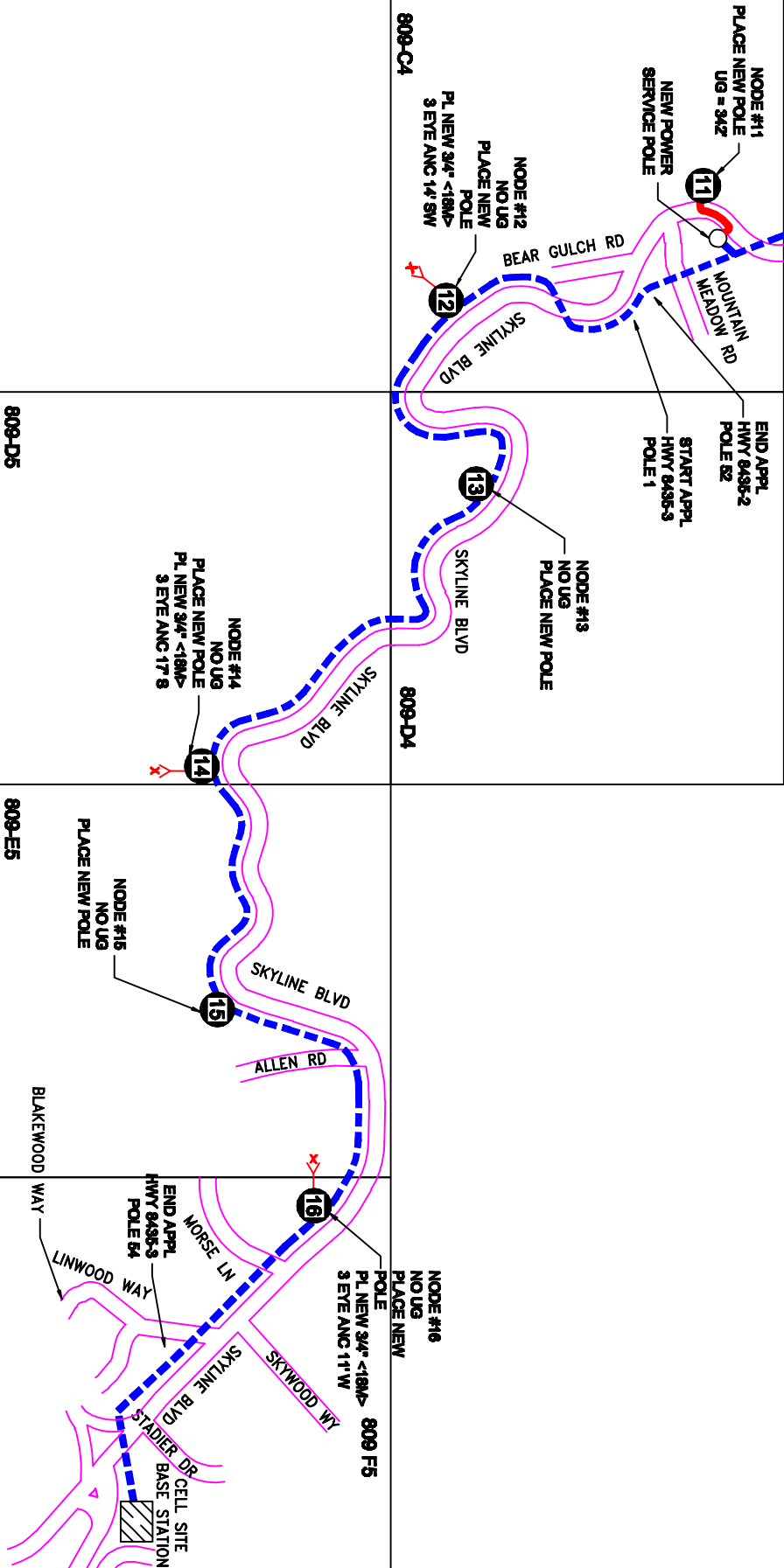
HIGHWAY 35 SKYLINE BLVD.

D SIZE	
EXISTING UNDERGROUND	1,187'
PROPOSED UNDERGROUND	65,231'
LEASED CONDUIT	480'
PROPOSED AERIAL	65,231'
PROPOSED UNDERGROUND	66,898'
PROPOSED AERIAL	
EXISTING CONDUIT	
TOTAL AERIAL	
TOTAL FOOTAGE	

REVISED 03/23/10



WESTERN LIGHTWAVE, INC.
YOUR CONNECTION FOR TOMORROW... TODAY!
1731 LESLIE AVE., SUITE 200, SAN JOSE, CA 95128
(408) 286-4977



REDWOOD CITY TRAFFIC CONTROL PLANS CITY OF REDWOOD CITY

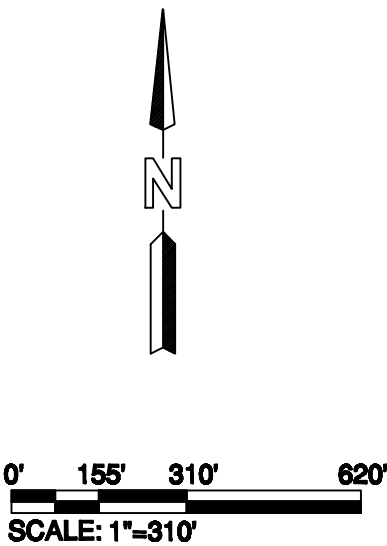
PLACEMENT DATA

PL 1144' OF AERIAL FIBER OPTIC CABLE

CONSTRUCTION NOTE:

- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
- 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

NOTES:
UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS, BUT ARE NOT NECESSARILY EXACT. THEREFORE, UTILITY LOCATIONS WILL BE VERIFIED AT LEAST 100 FEET IN ADVANCE OF TRENCHING, DIRECTIONAL BORING OR PLOWING SO THAT CHANGES IN CONDUIT PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICTS.
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788-J5

- 1

PT4726-1
ATTACH EXTENET FIBER @ HOA
24' 7" . PL 5/16" <6M>" DG TO 1"
<26M> 3 EYE ANC 10' NW. P=DE.
EXTENET TO LOWER TV. PL
ISOBOB. PL GUY GUARD. AT HOA
24' 7" LOWER CATV TO 23' 7".
- 2

PT2746-2
ATTACH EXTENET
FIBER @ HOA 26' 9" .
- 3

PT2746-3
ATTACH EXTENET FIBER @ HOA
24' 3" . PL 5/16" <6M>" DG TO 1"
<26M> 3 EYE ANC 6' E. P=15. PL
ISO-BOB. PL GUY GUARD.TV
NEEDS DG.
- 4

PG070114-1
ATTACH EXTENET FIBER @ HOA
23' 1" . PL 5/16" <6M>" DG TO 3/4"
<18M> 3 EYE ANC 6' E. P=13. PL
ISO-BOB. PL GUY GUARD. TV AND
TELCO TO COMP POLE TRNSFR.
TV NEEDS DG. TV AND TELCO TO
COMP POLE TRNSFR.
- 5

PG050232-1
PL NEW 3/4" <18M> 3 EYE ANC 48'
NW. ATTACH EXTENET FIBER @
HOA 27' 7" . PL 5/16" <6M>" DG TO
NEW 3/4" <18M> 3 EYE ANC 48' NW.
P=DE. PL ISO-BOB. PL GUY
GUARD. TELCO TERMINAL NOT
ATTACHED, CABLE HELD W ROPE.
TELCO TERMINAL NOT ATTACHED,
CABLE HELD W ROPE.
- 6

PG971302-5
ATTACH EXTENET FIBER @ HOA
27' 4" . PL 5/16" <6M>" DG TO
TREE 53' S. P=29. PL ISO-BOB. PL
GUY GUARD. TELCO REBUILD DE.
- 7

PG971302-6
ATTACH EXTENET FIBER @ HOA
24' 6" . PL 5/16" <6M>" DG TO 3/4"
<18M> 3 EYE ANC 12' N. P=35. PL
ISO-BOB. PL GUY GUARD. PL GA
TO HOA 26'10".
- 8

PT23980-1
ATTACH EXTENET FIBER @ HOA
25' 6" . PL 5/16" <6M>" DG TO 3/4"
<18M> 3 EYE ANC 17' NE. P=28. PL
ISO-BOB. PL GUY GUARD.
- 9

PG971302-8
ATTACH EXTENET FIBER @ HOA
22' 4" .

SEE SHT C-2



REVISION		TOTAL FOOTAGE: 1144'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 788-J5	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
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7.				
8.				
		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-1

REDWOOD CITY

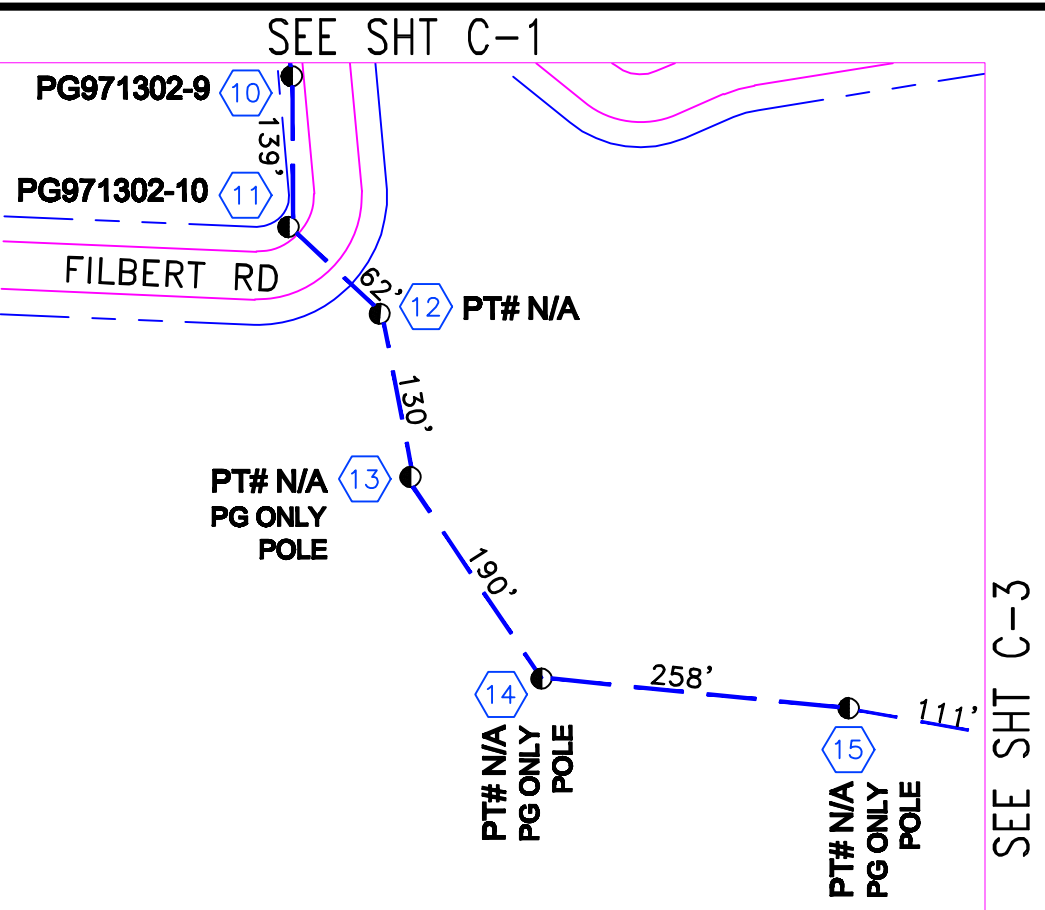
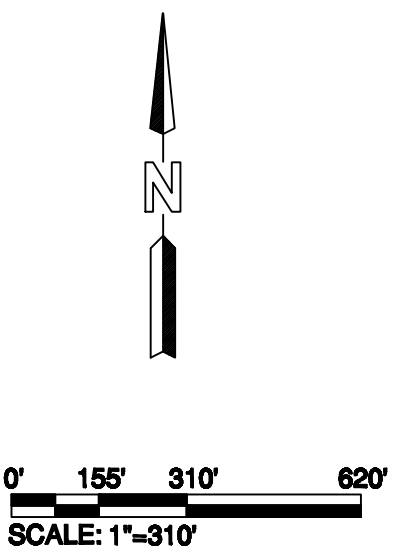
TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

PLACEMENT DATA
PL 890' OF AERIAL FIBER OPTIC CABLE

- CONSTRUCTION NOTE:
- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
 - 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

NOTES:
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- 10 PG971302-9
ATTACH EXTENET FIBER @ HOA 19' 7".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE
ANC 17' NE. P=32. PL ISO-BOB. PL
GUY GUARD. TELCO TO COMP POLE
TRNSFR.
- 11 PG971302-10
ATTACH EXTENET FIBER @ HOA 18' 6".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE
ANC 17' W. P=37. PL ISO-BOB. PL GUY
GUARD. TV TO COMP POLE TRNSFR.
- 12 PT# N/A
ATTACH EXTENET FIBER @ HOA 23' ".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE
ANC 10' E. P=34. PL ISO-BOB. PL GUY
GUARD. TV NEEDS DG.
- 13 PT# N/A
ATTACH EXTENET FIBER @ HOA 23' ".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE
ANC 6' W. P=15. PL ISO-BOB. PL GUY
GUARD. TV NEEDS DG.
- 14 PT# N/A
ATTACH EXTENET FIBER @ HOA 21' ".
ATTACH EXTENET FIBER @ HOA 21' 2".
PL 5/16" <6M>" DG TO TREE 27' W.
P=DE. PL 5/16" <6M>" DG TO TREE 28'
S. P=DE. PL ISO-BOB. PL GUY GUARD.
- 15 PT# N/A
ATTACH EXTENET FIBER @ HOA 18' ".
PL 5/16" <6M>" DG TO TREE 32' N.
P=18. EXTENET TO LOWER TV TO
VACANT DG HOA. PL ISO-BOB. PL
GUY GUARD. AT HOA 18' " LOWER
CATV TO 18' ".

788-J6



REVISION		TOTAL FOOTAGE: 890'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 788-J6	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
5.				
6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-2
7.				
8.				

REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

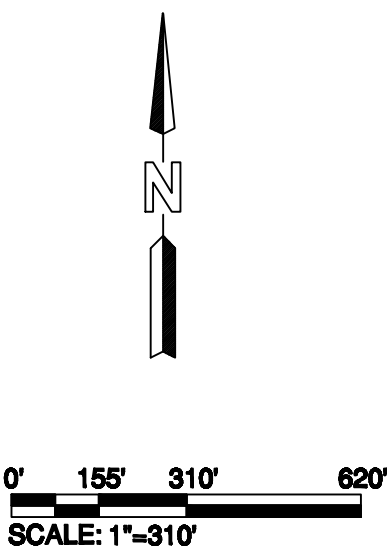
PLACEMENT DATA

PL 3108' OF AERIAL FIBER OPTIC CABLE
PL 225' OF (2) 3" DUCT

CONSTRUCTION NOTE:

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- 16 PT# N/A
ATTACH EXTENET FIBER @ HOA 18' 5".
EXTENET TO LOWER TV. AT HOA 19' " LOWER CATV TO 17' 5".
- 17 PT# N/A
ATTACH EXTENET FIBER @ HOA 17' 9"
IN EX THRU HOLE. PL 5/16" <6M>" DG TO TREE 31' NE. P=11. EXTENET TO LOWER TV. PL ISO-BOB. PL GUY GUARD. RMVE ABANDONED HARDWARE 17'9". AT HOA 18' 5" LOWER CATV TO 16' 9". TV NEEDS DG.
- 18 PT# N/A
ATTACH EXTENET FIBER @ HOA 20' ".
PL 5/16" <6M>" DG TO TREE 20' NE. P=2. PL ISO-BOB. PL GUY GUARD. TV NEEDS DG.
- 19 PT# N/A
ATTACH EXTENET FIBER @ HOA 20' 9".
PL 5/16" <6M>" DG TO TREE 30' SW. P=3. PL ISO-BOB. PL GUY GUARD. PGE DG BROKEN. TV NEEDS DG.
- 20 PT# N/A
ATTACH EXTENET FIBER @ HOA 22' ".
PL 5/16" <6M>" DG TO TREE 33' NE. P=5. PL ISO-BOB. PL GUY GUARD. TV NEEDS DG.
- 21 PT# TREE
ATTACH EXTENET FIBER @ HOA 19' ".
ATTACH EXTENET FIBER @ HOA 18' 3".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE ANC 10' W. P=6. EXTENET TO LOWER TV. PL ISO-BOB. PL GUY GUARD. AT HOA 18' 3" LOWER CATV TO 17' 3". TV NEEDS DG.
- 23 PT# N/A
ATTACH EXTENET FIBER @ HOA 18' 3".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE ANC 10' W. P=6. EXTENET TO LOWER TV. PL ISO-BOB. PL GUY GUARD. AT HOA 18' 3" LOWER CATV TO 17' 3". TV NEEDS DG.
- 24 PT# N/A
ATTACH EXTENET FIBER @ HOA 21' 5".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE ANC 25' E. P=12. EXTENET TO LOWER TV. PL ISO-BOB. PL GUY GUARD. AT HOA 21' 5" LOWER CATV TO 20' 5".
- 25 PT# N/A
ATTACH EXTENET FIBER @ HOA 20' ".
ATTACH TO NEW POLE. PL GA AT HOA 20' 4". POLE TRNSFR NOT COMP. POLE TRNSFR NOT COMP.
- 26 PT# N/A
ATTACH EXTENET FIBER @ HOA 20' ".
PL 5/16" <6M>" DG TO 1" <26M> 3 EYE ANC 12' E. P=5. ATTACH TO NEW POLE. PL ISO-BOB. PL GUY GUARD. PL GA AT HOA 20' 4". POLE TRNSFR NOT COMP. TV NEEDS DG. POLE TRNSFR NOT COMP.
- 27 PT# N/A
ATTACH EXTENET FIBER @ HOA 22' 5".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE ANC 10' E. P=5. PL ISO-BOB. PL GUY GUARD. TV NEEDS DG.
- 28 PT# N/A
ATTACH EXTENET FIBER @ HOA 20' 9".
- 29 PT# N/A
ATTACH EXTENET FIBER @ HOA 23' 1".
PL 5/16" <6M>" DG TO TREE 60' E. P=15. PL ISO-BOB. PL GUY GUARD.
- 30 PT# N/A
ATTACH EXTENET FIBER @ HOA 22' 6".
- 31 PT# N/A
ATTACH EXTENET FIBER @ HOA 22' 4".
PL 5/16" <6M>" DG TO TREE 29' W. P=34. PL ISO-BOB. PL GUY GUARD.
- 32 PG971302-11
ATTACH EXTENET FIBER @ HOA 23' 6".
PL " DG TO ' '. P=34. TELCO TO COMP POLE TRNSFR.
- 33 PT0761-1
PL NEW 3/4" <18M> 3 EYE ANC 16' NE. PL NEW 3/4" <18M> 3 EYE ANC 39' SE. ATTACH EXTENET FIBER @ HOA 23' 2". ATTACH EXTENET FIBER @ HOA 23' 4". PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE ANC 16' NE. P=DE. PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE ANC 39' SE. P=DE. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC'S.
- 34 PT# N/A
ATTACH EXTENET FIBER @ HOA 21' 7".
PL 5/16" <6M>" DG TO TREE 27' N. P=26. PL ISO-BOB. PL GUY GUARD. PL GA AT HOA 20' 11". TV NEEDS DG.

SEE SHT C-2

SEE SHT C-4

REVISION		TOTAL FOOTAGE: 3333'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 789-A6	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
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8.				
		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-3

REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

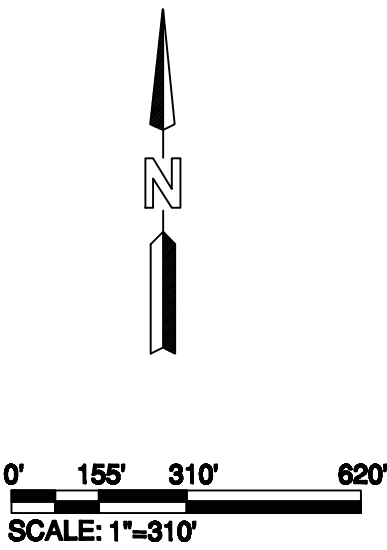
PLACEMENT DATA

PL 2178' OF AERIAL FIBER OPTIC CABLE
PL 515' OF (2) 3" DUCT

CONSTRUCTION NOTE:

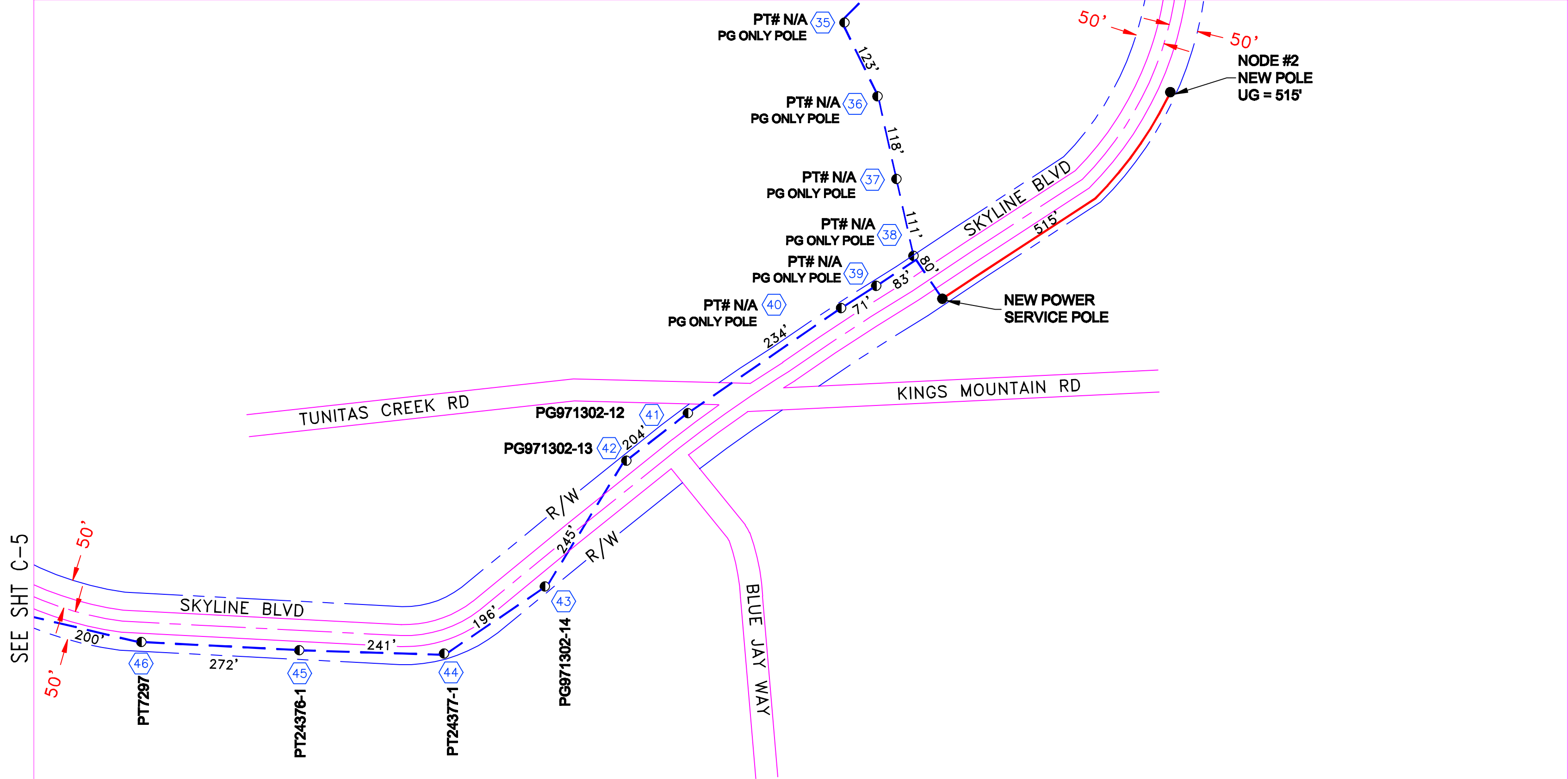
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NOTES:
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SEE SHT C-5

SEE SHT C-3



35 PT# N/A
ATTACH EXTENET FIBER @ HOA 21' 7".
PL 5/16" <6M>" DG TO TREE 27' N.
P=26. PL ISO-BOB. PL GUY GUARD. PL
GA AT HOA 20'11". TV NEEDS DG.

36 PT# N/A
ATTACH EXTENET FIBER @ HOA 23' 9".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE
ANC 17' NW. P=14. PL ISO-BOB. PL
GUY GUARD. TV NEEDS DG.

37 PT# N/A
ATTACH EXTENET FIBER @ HOA 23' 7".
PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE
ANC 12' SE. P=12. PL ISO-BOB. PL
GUY GUARD.

38 PT# N/A
ATTACH EXTENET FIBER @ HOA 20' 9".
PL 5/16" <6M>" DG TO TREE 39' SE.
P=19. EXTENET TO LOWER TV. PL
ISO-BOB. PL GUY GUARD. AT HOA 21'
7" LOWER CATV TO 19' 9".

39 PT# N/A
ATTACH EXTENET FIBER @ HOA 22' 10".

40 PT# N/A
ATTACH EXTENET FIBER @ HOA 24' 8".
PL 5/16" <6M>" DG TO TREE 17' NW. P=5.
PL ISO-BOB. PL GUY GUARD. TV NEEDS
DG.

41 PG971302-12
ATTACH EXTENET FIBER @ HOA 24' 1".

42 PG971302-13
ATTACH EXTENET FIBER @ HOA 25' 5".
PL 5/16" <6M>" DG TO 1" <26M> 3 EYE
ANC 13' W. P=17. PL ISO-BOB. PL GUY
GUARD.

43 PG971302-14
ATTACH EXTENET FIBER @ HOA 26' ".
PL 5/16" <6M>" DG TO TREE 49' E. P=27.
PL ISO-BOB. PL GUY GUARD.

44 PT24377-1
ATTACH EXTENET FIBER @ HOA 25' ".
PL 5/16" <6M>" DG TO 1.25" <32M> 3 EYE
ANC 16' SE. P=23. PL ISO-BOB. PL GUY
GUARD.

45 PT24376-1
PL NEW 3/4" <18M> 3 EYE ANC 15' S.
ATTACH EXTENET FIBER @ HOA 24' ".
PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3
EYE ANC 15' S. P=16. PL ISO-BOB. PL
GUY GUARD. OFFSET NEW ANC.

46 PT7297
PL NEW 3/4" <18M> 3 EYE ANC 15' S.
ATTACH EXTENET FIBER @ HOA 21' ".
PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3
EYE ANC 15' S. P=8. PL ISO-BOB. PL
GUY GUARD. TV DG BROKEN.

REVISION		TOTAL FOOTAGE: 2693'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 789-A7	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
5.				
6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-4
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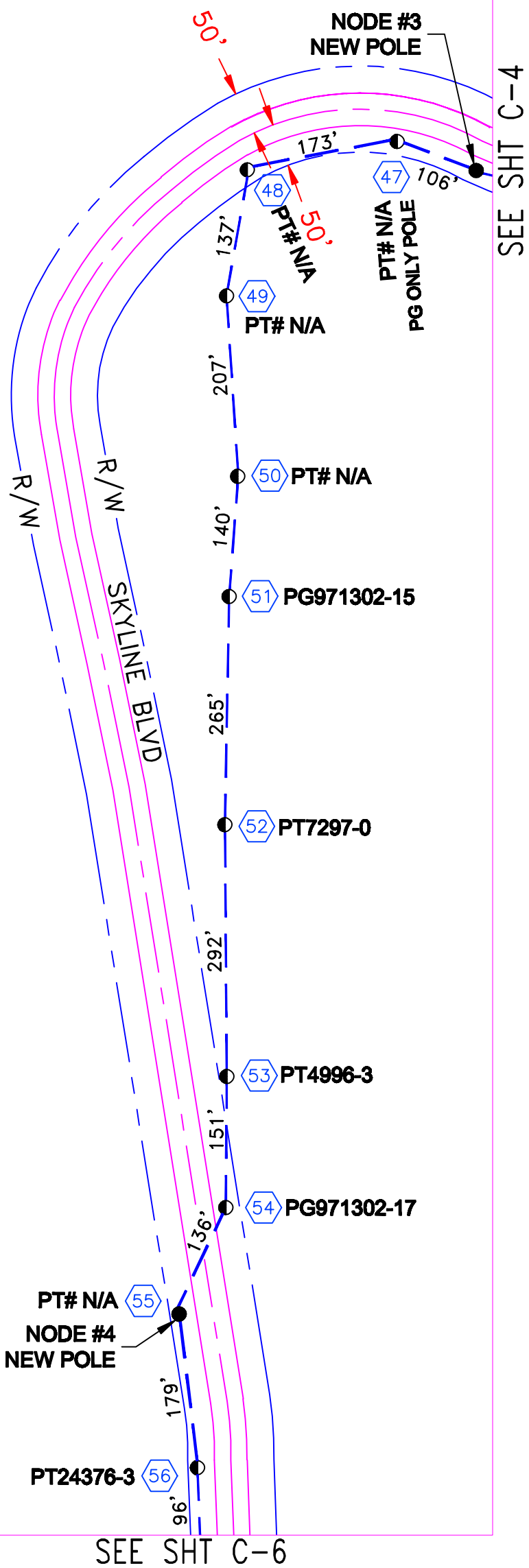
REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

PLACEMENT DATA

PL 1882' OF AERIAL FIBER OPTIC CABLE



CONSTRUCTION NOTE:

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47 PT# N/A
ATTACH EXTENET FIBER @ HOA 20' 8".

48 PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 15' N.
ATTACH EXTENET FIBER @ HOA 21' 6".
ATTACH EXTENET FIBER @ HOA 21' 8".
PL 5/16" <6M>" DG TO NEW 3/4" <18M>
3 EYE ANC 15' N. P=DE. PL 5/16" <6M>"
DG TO 3/4" <18M> 3 EYE ANC 27' W.
P=DE. PL ISO-BOB. PL GUY GUARD.
OFFSET NEW ANC.

49 PT# N/A
ATTACH EXTENET FIBER @ HOA 27' 4".
PL 5/16" <6M>" DG TO TREE 13' W. P=8.
PL ISO-BOB. PL GUY GUARD. TELCO
TO COMP POLE TRNSFR.

50 PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 18' E.
ATTACH EXTENET FIBER @ HOA 23' 5".
PL 5/16" <6M>" DG TO NEW 3/4" <18M>
3 EYE ANC 18' E. P=15. PL ISO-BOB.
PL GUY GUARD. OFFSET NEW ANC.
TELCO TO COMP POLE TRNSFR.

51 PG971302-15
PL NEW 3/4" <18M> 3 EYE ANC 14' W.
ATTACH EXTENET FIBER @ HOA 26' ".
PL 5/16" <6M>" DG TO NEW 3/4" <18M>
3 EYE ANC 14' W. P=12. PL ISO-BOB.
PL GUY GUARD. PGE NEEDS DG.
TELCO HELD WITH ROPE AT HOA.
TELCO NEEDS DG. TV NEEDS DG.

52 PT7297-0
ATTACH EXTENET FIBER @ HOA 23' 7".
PL 5/16" <6M>" DG TO ' '. P=10. PL
ISO-BOB. PL GUY GUARD.TELCO NOT
ATTACHED. TELCO NEEDS DG. TV
NEEDS DG.

53 PT4996-3
ATTACH EXTENET FIBER @ HOA 23' 2".
PL 5/16" <6M>" DG TO TREE 22' E.
P=10. PL ISO-BOB. PL GUY GUARD. TV
NEEDS DG.

54 PG971302-17
ATTACH EXTENET FIBER @ HOA 24' ".
PL 5/16" <6M>" DG TO TREE 7' E. P=21.
PL ISO-BOB. PL GUY GUARD. TELCO
TO COMP POLE TRNSFR. SOUTH
SPAN BROKEN.

55 PT# N/A
ATTACH EXTENET FIBER @ HOA 28' 7".
PL 5/16" <6M>" DG TO BURIED ANC 45'
W. P=30. PL ISO-BOB. PL GUY GUARD.

56 PT24376-3
ATTACH EXTENET FIBER @ HOA 34' 4".
TELCO NORTH AND SOUTH SPAN
BROKEN.

REVISION		TOTAL FOOTAGE: 1882'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 788-J7	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
5.				
6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-5
7.				
8.				

REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

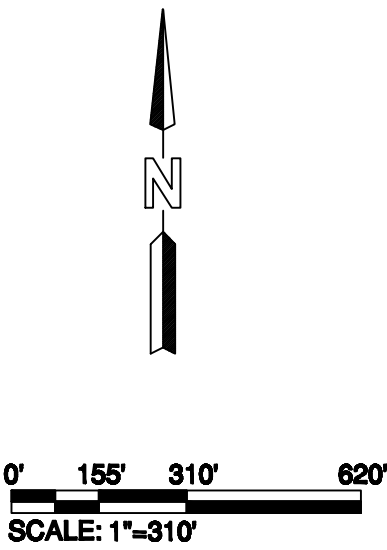
PLACEMENT DATA

PL 699' OF AERIAL FIBER OPTIC CABLE

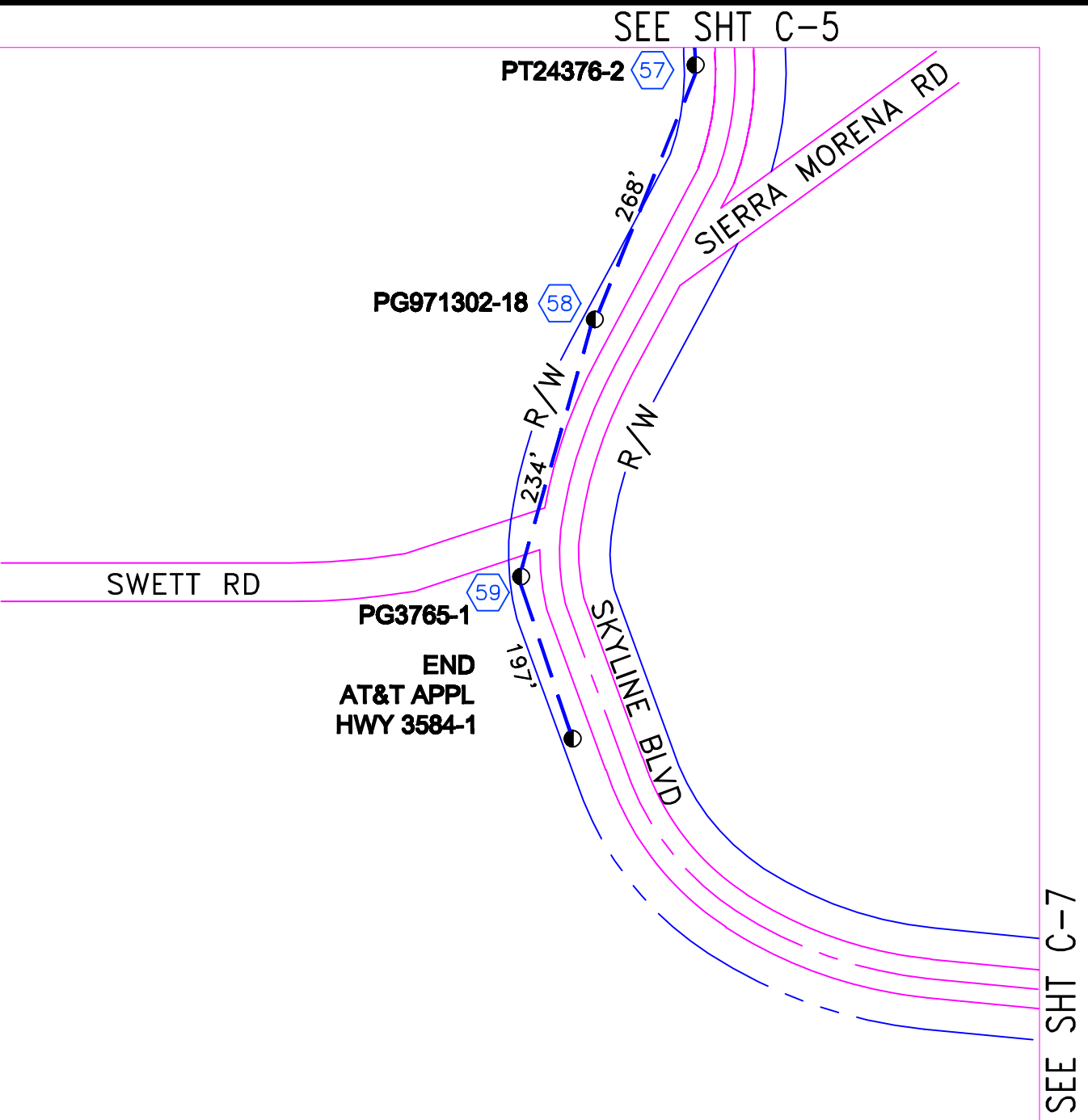
CONSTRUCTION NOTE:

- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
- 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

NOTES:
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- PT24376-2**
ATTACH EXTENET FIBER @ HOA 27' 9".
PL 5'10" <6M>" DG TO TREE 15' E.
P=24. PL ISO-BOB. PL GUY GUARD.
- PG971302-18**
ATTACH EXTENET FIBER @ HOA 23' 6".
PL GA TO 23'10".
- PG3765-1**
ATTACH EXTENET FIBER @ HOA 24' ".
RAISE DGA TO 24'4". LEAD CONTINUES
ON APP HWY3584-2 POLE 1.



808-J1



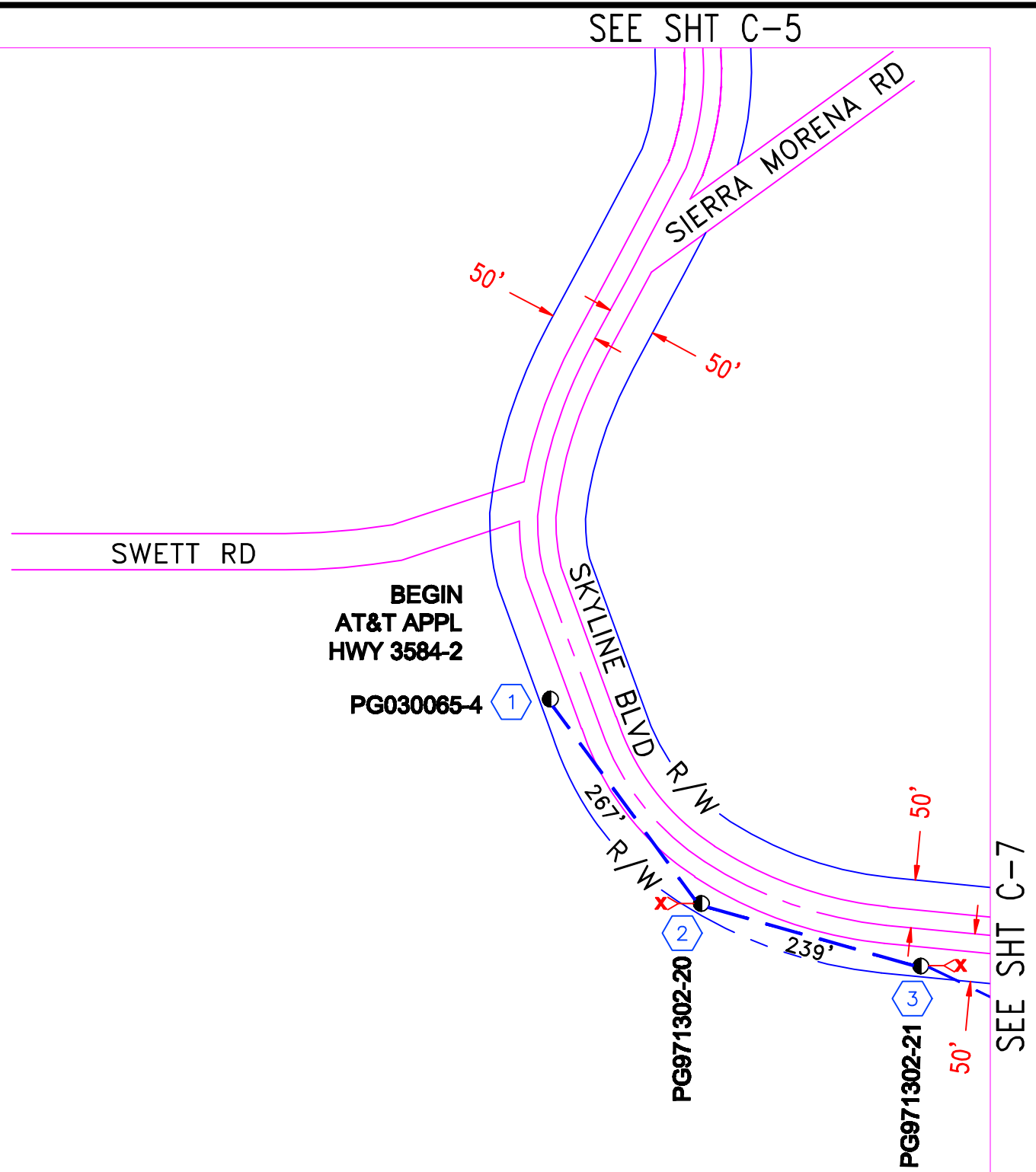
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1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 808-J1	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
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6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-6
7.				
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REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

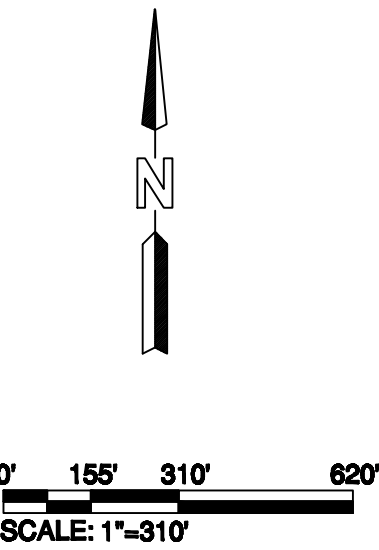
PLACEMENT DATA
PL 506' OF AERIAL FIBER OPTIC CABLE



- ① PG030065-4
ATTACH EXTENET FIBER @ HOA 23' ". PL 5/16" <6M>" DG TO TREE 36' W. P=14. PL ISO-BOB.PL GUY GUARD. TV NEEDS DG.
- ② PG971302-20
PL NEW 3/4" <18M> 3 EYE ANC 18' W. ATTACH EXTENET FIBER @ HOA 24' 4" . PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 18' W. P=33. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC.
- ③ PG971302-21
PL NEW 3/4" <18M> 3 EYE ANC 16' E. ATTACH EXTENET FIBER @ HOA 26' 9" . PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 16' E. P=14. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC. TELCO TO COMP POLE TRNSFR.

- CONSTRUCTION NOTE:
- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
 - 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

NOTES:
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808-J1



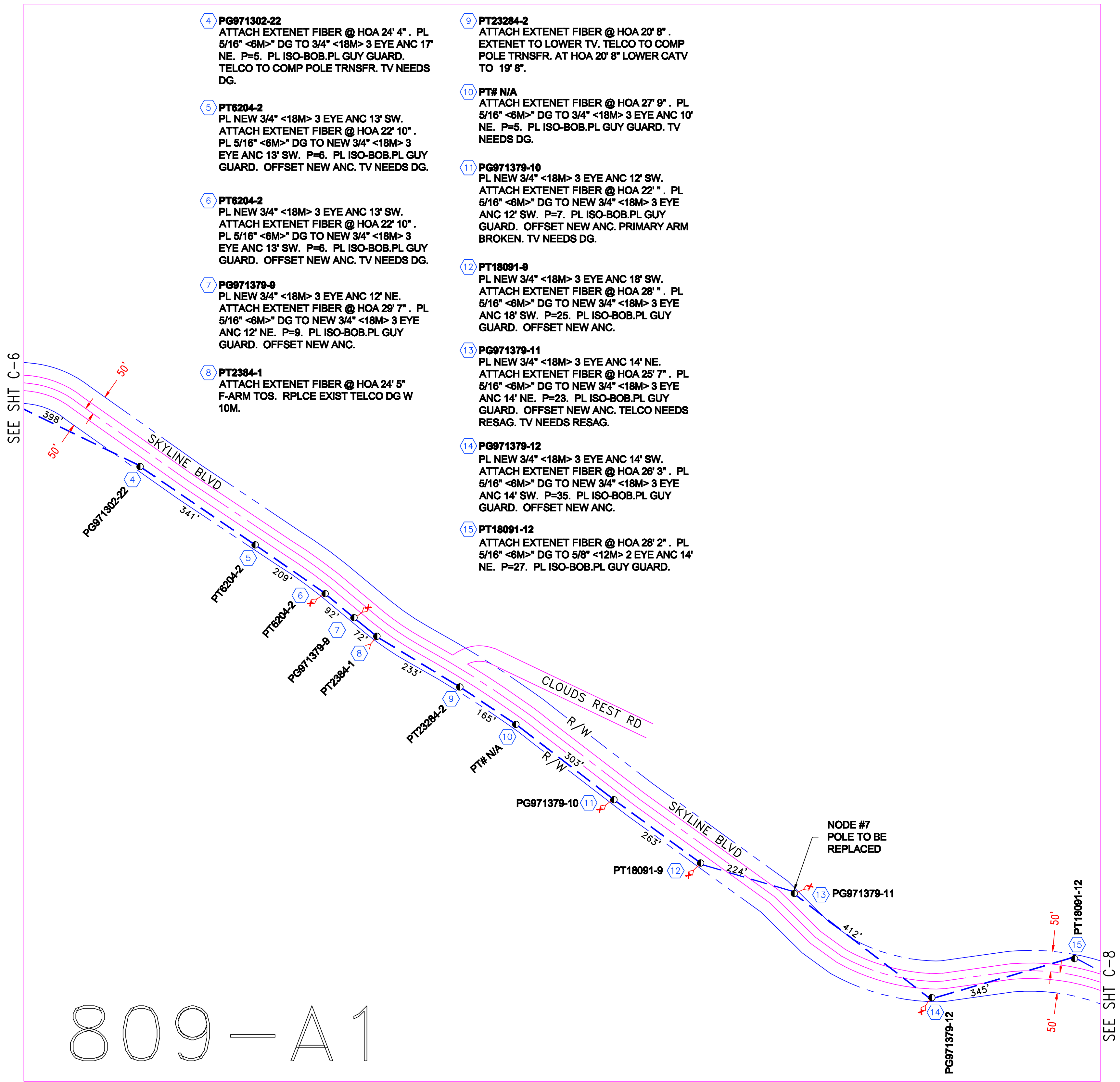
REVISION		TOTAL FOOTAGE: 506'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 808-J1	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
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6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-6
7.				
8.				

REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

PLACEMENT DATA
PL 3057' OF AERIAL FIBER OPTIC CABLE



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NOTES:
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REVISION		TOTAL FOOTAGE: 3057'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-A1	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
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		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-7

16 PG 5030-0
ATTACH EXTENET FIBER @ HOA 31' 8" . PL
5/16" <6M>" DG TO 1" <26M> 3 EYE ANC 15'
NE. P=28. PL ISO-BOB.PL GUY GUARD.
RMV VACANT DG. RESAG SE SPAN (25'3").
RESAG SE SPAN (17'5"). RESAG SE SPAN
(20'9"). RESAG SE SPAN (17'5").

REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

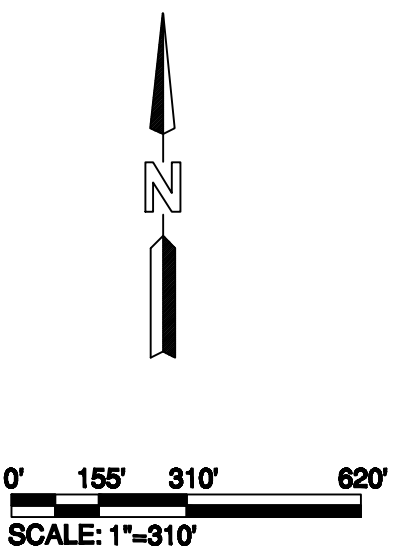
PLACEMENT DATA

PL 334' OF AERIAL FIBER OPTIC CABLE

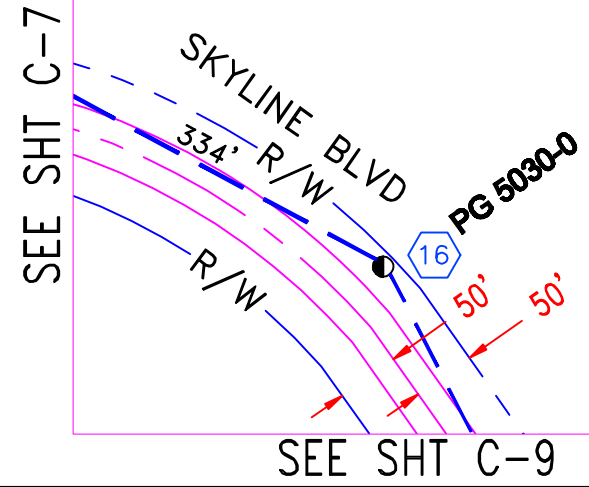
CONSTRUCTION NOTE:


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809-B1





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REVISION		TOTAL FOOTAGE: 334'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-B1	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
5.				
6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-8
7.				
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REDWOOD CITY

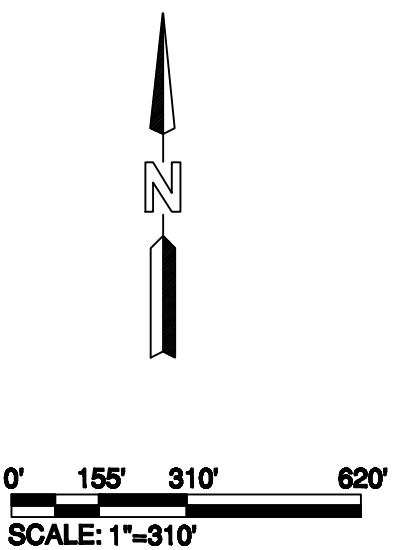
TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

PLACEMENT DATA
PL 3721' OF AERIAL FIBER OPTIC CABLE

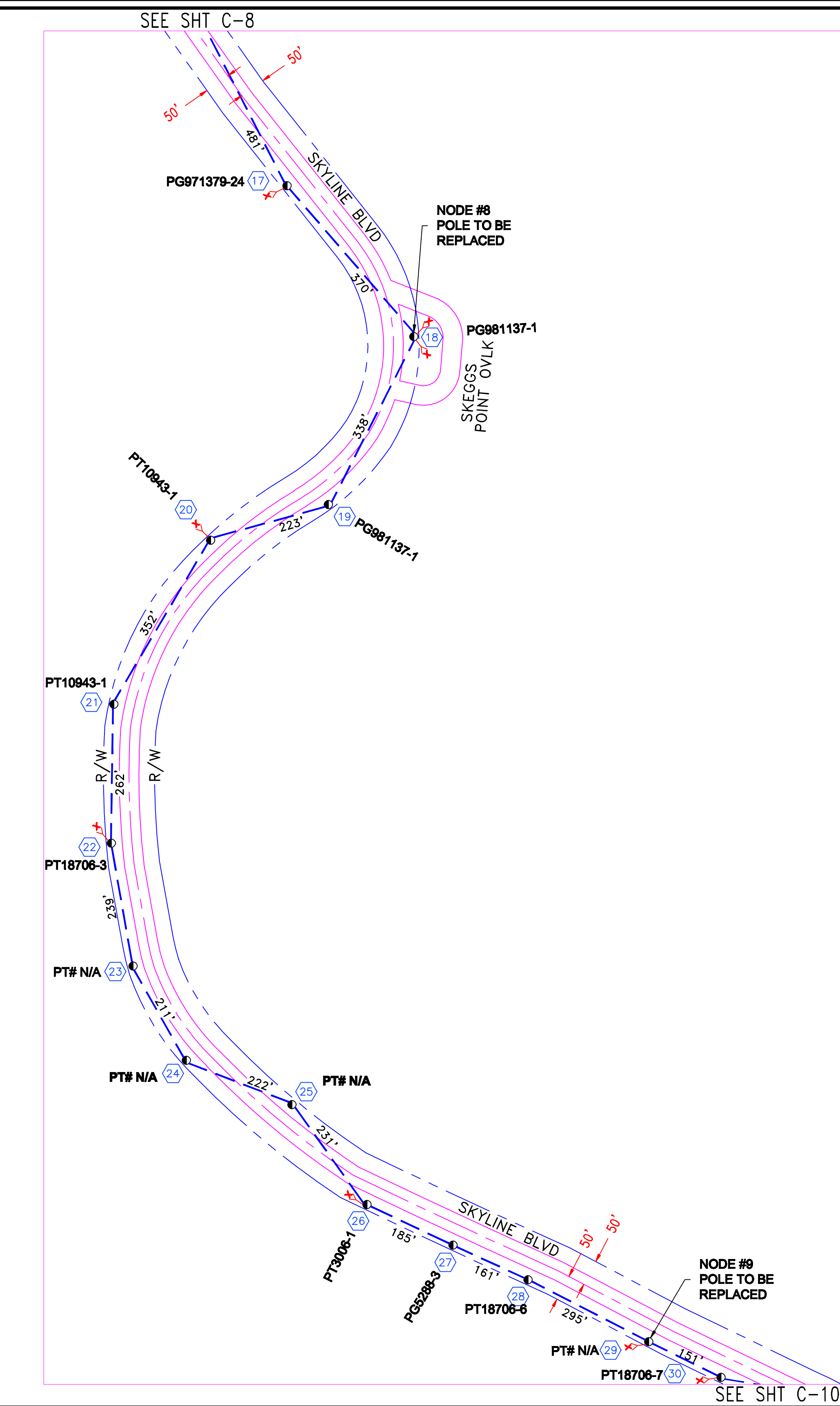
- CONSTRUCTION NOTE:
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- 17 PG971379-24
PL NEW 3/4" <18M> 3 EYE ANC 17' SW. ATTACH EXTENET FIBER @ HOA 29' 3" . PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 17' SW. P=8. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC.
- 18 PG981137-1
PL NEW 3/4" <18M> 3 EYE ANC 16' SE. PL NEW 3/4" <18M> 3 EYE ANC 16' NE. ATTACH EXTENET FIBER @ HOA 34' 2" . PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 16' SE. P=DE. PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 16' NE. P=DE. PL ISO-BOB.PL GUY GUARD.. SET40' CLASS 4 TEMP POLE 4' INSIDE EXIST TO LEAVE CLIMBING SPACE FOR POLE REPLACEMENT AND ATTACH TO FIELD SIDE. DO NOT ATTACH, NO ROOM. SET40' CLASS 4 TEMP POLE 4' INSIDE EXIST AND ATTACH TO FIELD SIDE.
- 19 PG971379-25
ATTACH EXTENET FIBER @ HOA 30' 8" . ATTACH EXTENET FIBER @ HOA 30' 10" . PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE ANC 16' NE. P=DE. PL 5/16" <6M>" DG TO 1" <26M> 3 EYE ANC 18' SW. P=DE. PL ISO-BOB.PL GUY GUARD.
- 20 PT10943-1
PL NEW 3/4" <18M> 3 EYE ANC 15' NW. ATTACH EXTENET FIBER @ HOA 27' ". PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 15' NW. P=18. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC.
- 21 PT10943-1
ATTACH EXTENET FIBER @ HOA 27' 6" . PL 5/16" <6M>" DG TO 1" <26M> 3 EYE ANC 14' W. P=16. PL ISO-BOB.PL GUY GUARD. EXTENET TO LOWER TV. AT HOA 24' " RAISE TEL TO 25' 6". TELCO TO RAISE AND RESAG (S SPAN AT 15'2"). AT HOA 27' 6" LOWER CATV TO 26' 6".
- 22 PT18706-3
PL NEW 3/4" <18M> 3 EYE ANC 16' W. ATTACH EXTENET FIBER @ HOA 27' ". PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 16' W. P=12. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC.
- 23 PT# N/A
ATTACH EXTENET FIBER @ HOA 23' 9" F-ARM TOS. PL SEP BLOCK. EXTENET TO REPLACE EXIST TELCO DG W 10M DG.
- 24 PT# N/A
ATTACH EXTENET FIBER @ HOA 35' 2" . PL 5/16" <6M>" DG TO 1" <26M> 3 EYE ANC 19' W. P=20. PL ISO-BOB.PL GUY GUARD. EXTENET TO LOWER TELCO DG FROM HOA 34' TO TELCO HOA 32'7". EXTENET TO LOWER TV. AT HOA 35' 2" LOWER CATV TO 34' ".
- 25 PT# N/A
ATTACH EXTENET FIBER @ HOA 23' " F-ARM TOS. PL SEP BLOCK.
- 26 PT3006-1
PL NEW 3/4" <18M> 3 EYE ANC 16' W. ATTACH EXTENET FIBER @ HOA 26' 2" . PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 16' W. P=20. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC.
- 27 PG5288-3
ATTACH EXTENET FIBER @ HOA 26' 1" .
- 28 PT18706-6
ATTACH EXTENET FIBER @ HOA 25' 6" . EXTENET TO LOWER TV. PGE DG LOOSE (NO PULL). AT HOA 26' " LOWER CATV TO 24' 6".
- 29 PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 8' SW. ATTACH EXTENET FIBER @ HOA 24' 11" . PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 8' SW. P=13. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC. PGE DG LOOSE . TV NEEDS DG.
- 30 PT18706-7
PL NEW 3/4" <18M> 3 EYE ANC 16' SW. ATTACH EXTENET FIBER @ HOA 27' ". PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 16' SW. P=15. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC.

809-B2



REDWOOD CITY

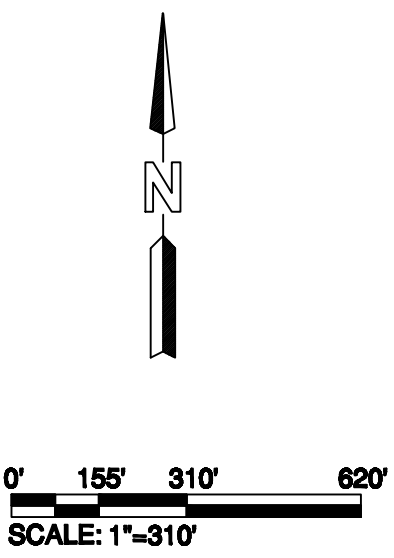
TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

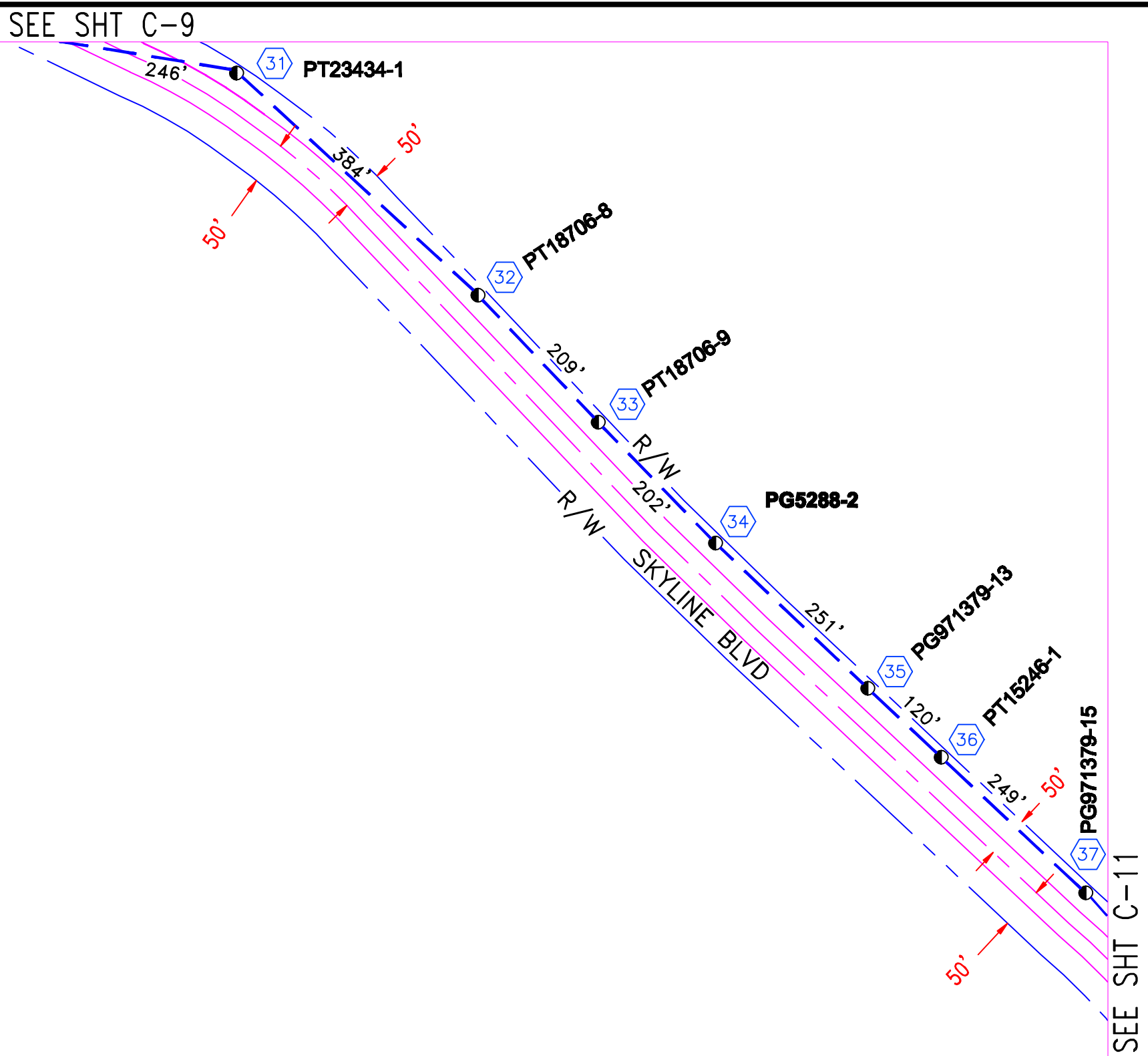
PLACEMENT DATA
PL 1661' OF AERIAL FIBER OPTIC CABLE

- CONSTRUCTION NOTE:
- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
 - 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

NOTES:
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- 31 PT23434-1
ATTACH EXTENET FIBER @
HOA 27' 6" . PL 5/16" <6M>"
DG TO 1" <26M> 3 EYE ANC
11' NE. P=21. PL
ISO-BOB.PL GUY GUARD.
- 32 PT18706-8
ATTACH EXTENET FIBER @
HOA 28' 6" .
- 33 PT18706-9
ATTACH EXTENET FIBER @
HOA 26' 8" . RMV GA.
- 34 PG5288-2
ATTACH EXTENET FIBER @
HOA 30' 10" .
- 35 PG971379-13
ATTACH EXTENET FIBER @
HOA 24' 6" .
- 36 PT15246-1
ATTACH EXTENET FIBER @
HOA 30' 7" .
- 37 PG971379-15
ATTACH EXTENET FIBER @
HOA 30' 5" .



809-B3



REVISION		TOTAL FOOTAGE: 1661'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-B3	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
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6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-10
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REDWOOD CITY

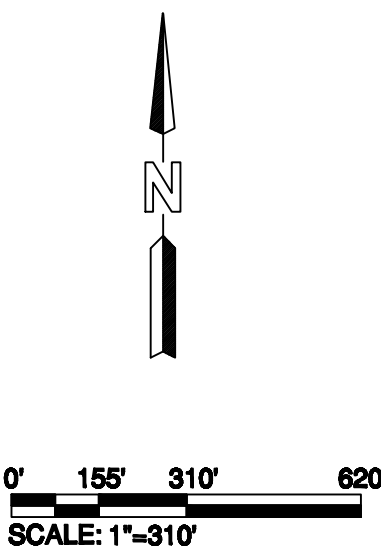
TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

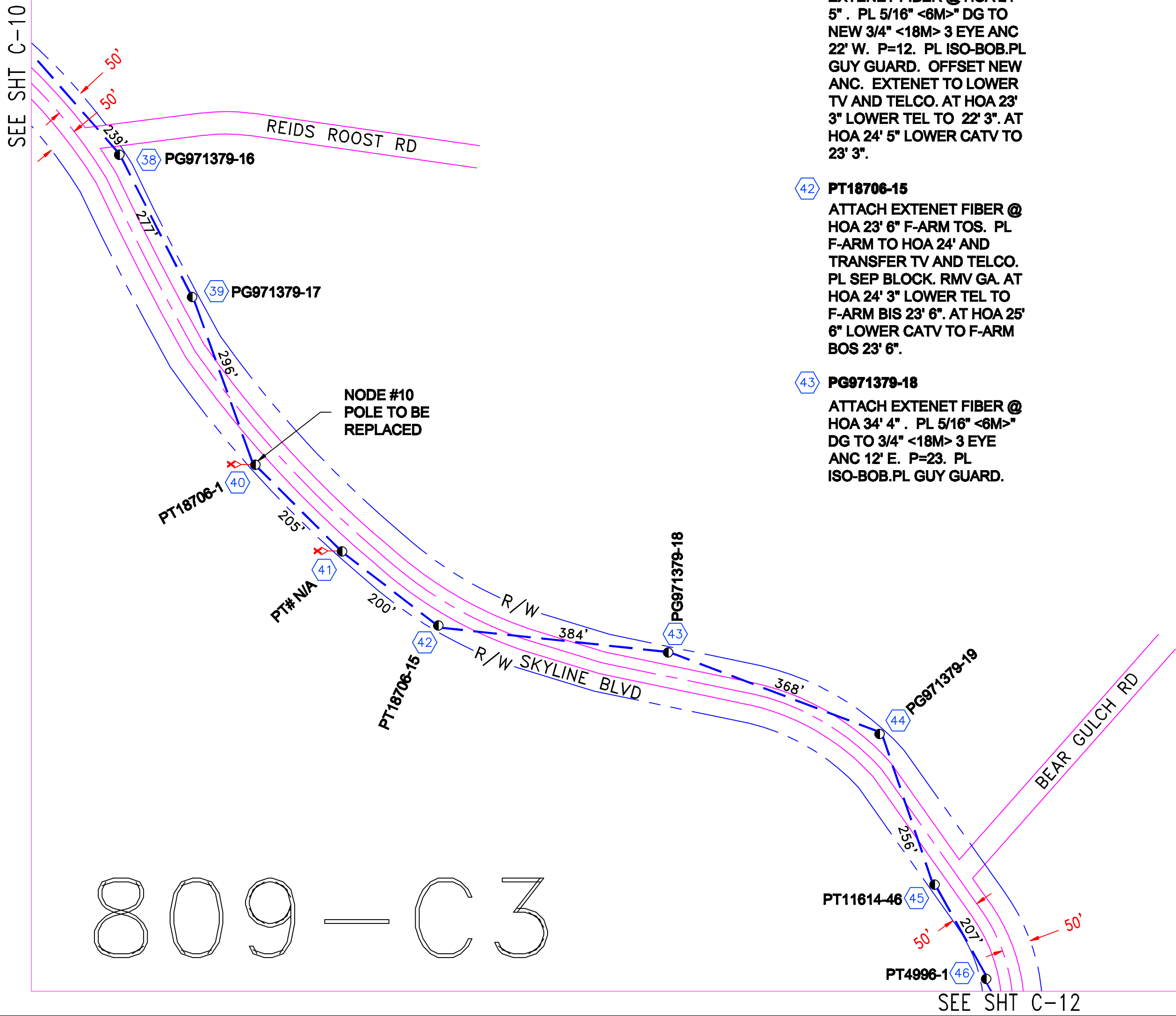
PLACEMENT DATA
PL 2432' OF AERIAL FIBER OPTIC CABLE

- CONSTRUCTION NOTE:
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- PG971379-16**
ATTACH EXTENET FIBER @ HOA 31' ". PL 5/16" <6M>" DG TO 1" <26M> 3 EYE ANC 15' E. P=22. PL ISO-BOB.PL GUY GUARD. TV NEEDS DG.
- PG971379-17**
ATTACH EXTENET FIBER @ HOA 30' " F-ARM TOS. PL F-ARM TO HOA 30' AND TRANSFER TV AND TELCO. PL SEP BLOCK. AT HOA 29' 6" RAISE TEL TO F-ARM BIS 30' ". AT HOA 30' 10" LOWER CATV TO F-ARM BOS 30' ".
- PT18706-1**
PL NEW 3/4" <18M> 3 EYE ANC 19' W. ATTACH EXTENET FIBER @ HOA 26' 1" . PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 19' W. P=20. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC.
- PT# N/A**
PL NEW 3/4" <18M> 3 EYE ANC 22' W. ATTACH EXTENET FIBER @ HOA 24' 5" . PL 5/16" <6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 22' W. P=12. PL ISO-BOB.PL GUY GUARD. OFFSET NEW ANC. EXTENET TO LOWER TV AND TELCO. AT HOA 23' 3" LOWER TEL TO 22' 3". AT HOA 24' 5" LOWER CATV TO 23' 3".
- PT18706-15**
ATTACH EXTENET FIBER @ HOA 23' 6" F-ARM TOS. PL F-ARM TO HOA 24' AND TRANSFER TV AND TELCO. PL SEP BLOCK. RMV GA. AT HOA 24' 3" LOWER TEL TO F-ARM BIS 23' 6". AT HOA 25' 6" LOWER CATV TO F-ARM BOS 23' 6".
- PG971379-18**
ATTACH EXTENET FIBER @ HOA 34' 4" . PL 5/16" <6M>" DG TO 3/4" <18M> 3 EYE ANC 12' E. P=23. PL ISO-BOB.PL GUY GUARD.
- PG971379-19**
ATTACH EXTENET FIBER @ HOA 28' 10" . PL 5/16" <6M>" DG TO 1" <26M> 3 EYE ANC 8' E. P=35. PL ISO-BOB.PL GUY GUARD.
- PT11614-46**
ATTACH EXTENET FIBER @ HOA 27' 3" . RAISE GA TO HOA 27' 3".
- PT4996-1**
ATTACH EXTENET FIBER @ HOA 25' " .



REVISION		TOTAL FOOTAGE: 2432'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-C3	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
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		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-11

REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

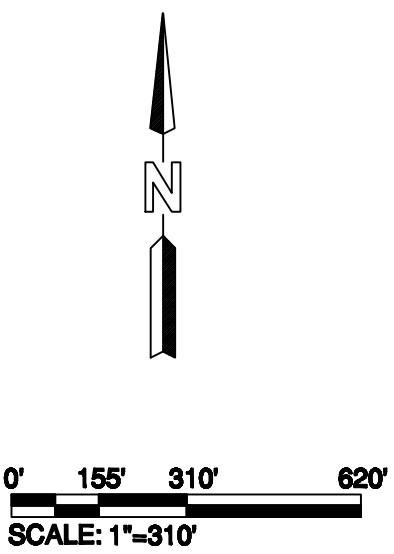
PLACEMENT DATA

PL 1349' OF AERIAL FIBER OPTIC CABLE
PL 342' OF (2) 3" DUCT

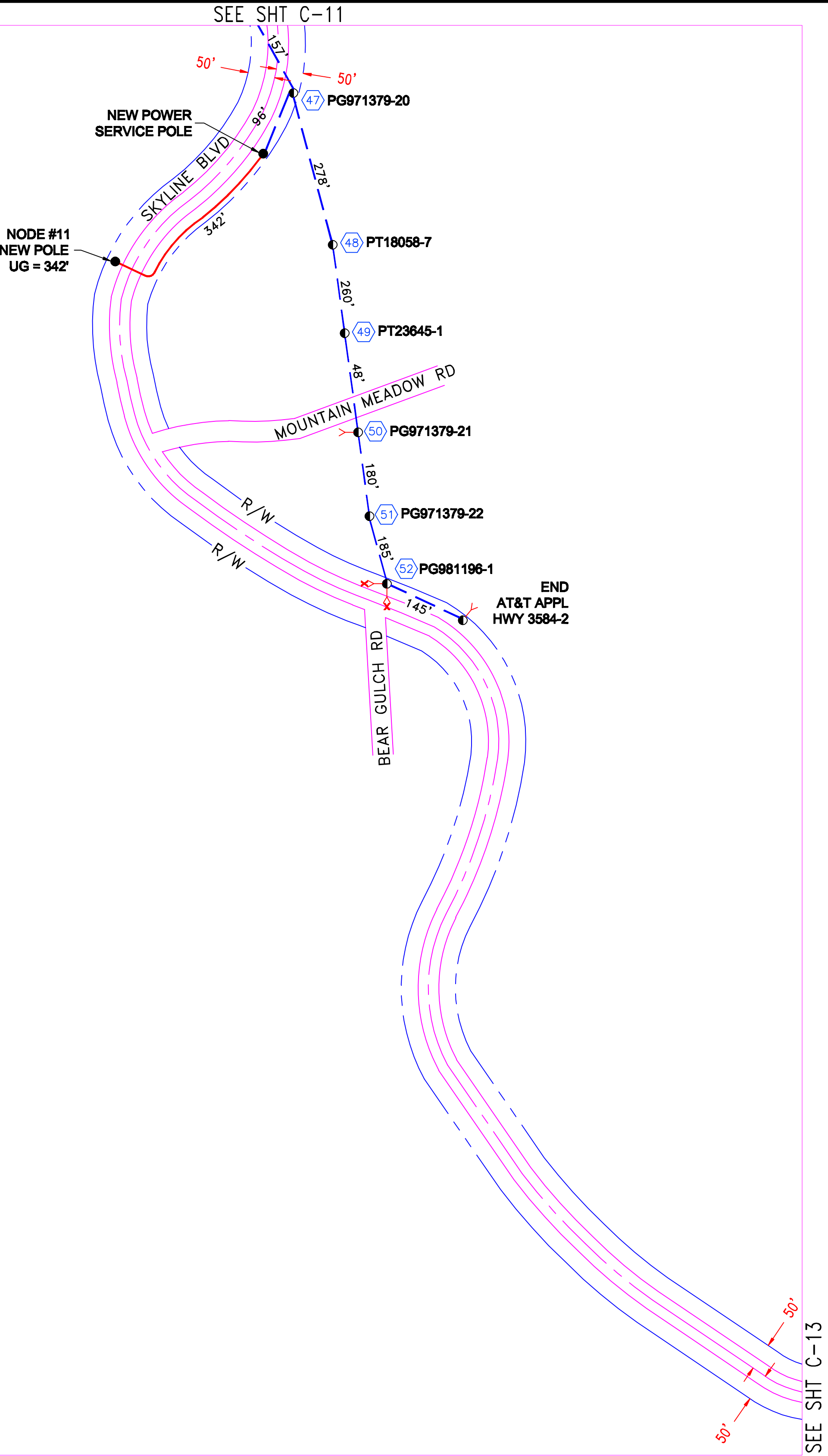
CONSTRUCTION NOTE:

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- 47 PG971379-20
ATTACH EXTENET FIBER @
HOA 22' 10" . PL 5/16" <6M>"
DG TO 3/4" <18M> 1 EYE
ANC 17' E. P=10. PL
ISO-BOB.PL GUY GUARD.
- 48 PT18058-7
ATTACH EXTENET FIBER @ HOA 25'
3" . PL 5/16" <6M>" DG TO BURIED
ANC 17' E. P=18. PL ISO-BOB.PL
GUY GUARD. OFFSET NEW ANC.
- 49 PT23645-1
ATTACH EXTENET FIBER @ HOA
21' 3" . PL GA TO HOA 217'.
- 50 PG971379-21
ATTACH EXTENET FIBER @ HOA 21' ".
PL DGA TO HOA 21'4". ATTACH TEL @
HOA 19' ". TELCO TO COMP POLE
TRNSFR. AT HOA 22' " LOWER CATV
TO 20' ".
- 51 PG971379-22
ATTACH EXTENET FIBER @
HOA 26' 2'.
- 52 PG981196-1
PL NEW 3/4" <18M> 3 EYE ANC 14' S.
PL NEW 3/4" <18M> 3 EYE ANC 24' W.
ATTACH EXTENET FIBER @ HOA 28' 5"
. ATTACH EXTENET FIBER @ HOA 28'
7" . PL 1/4" <6.6M>" DG TO NEW 3/4"
<18M> 3 EYE ANC 14' S. P=DE. PL 1/4"
<6.6M>" DG TO NEW 3/4" <18M> 3 EYE
ANC 24' W. P=DE. PL ISO-BOB.PL
GUY GUARD. OFFSET NEW ANC.
LEAD CONTINUES ON APP HWY3584-3
POLE 1.



809-C4



REVISION		TOTAL FOOTAGE: 1691'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-C4	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
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6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-12
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REDWOOD CITY

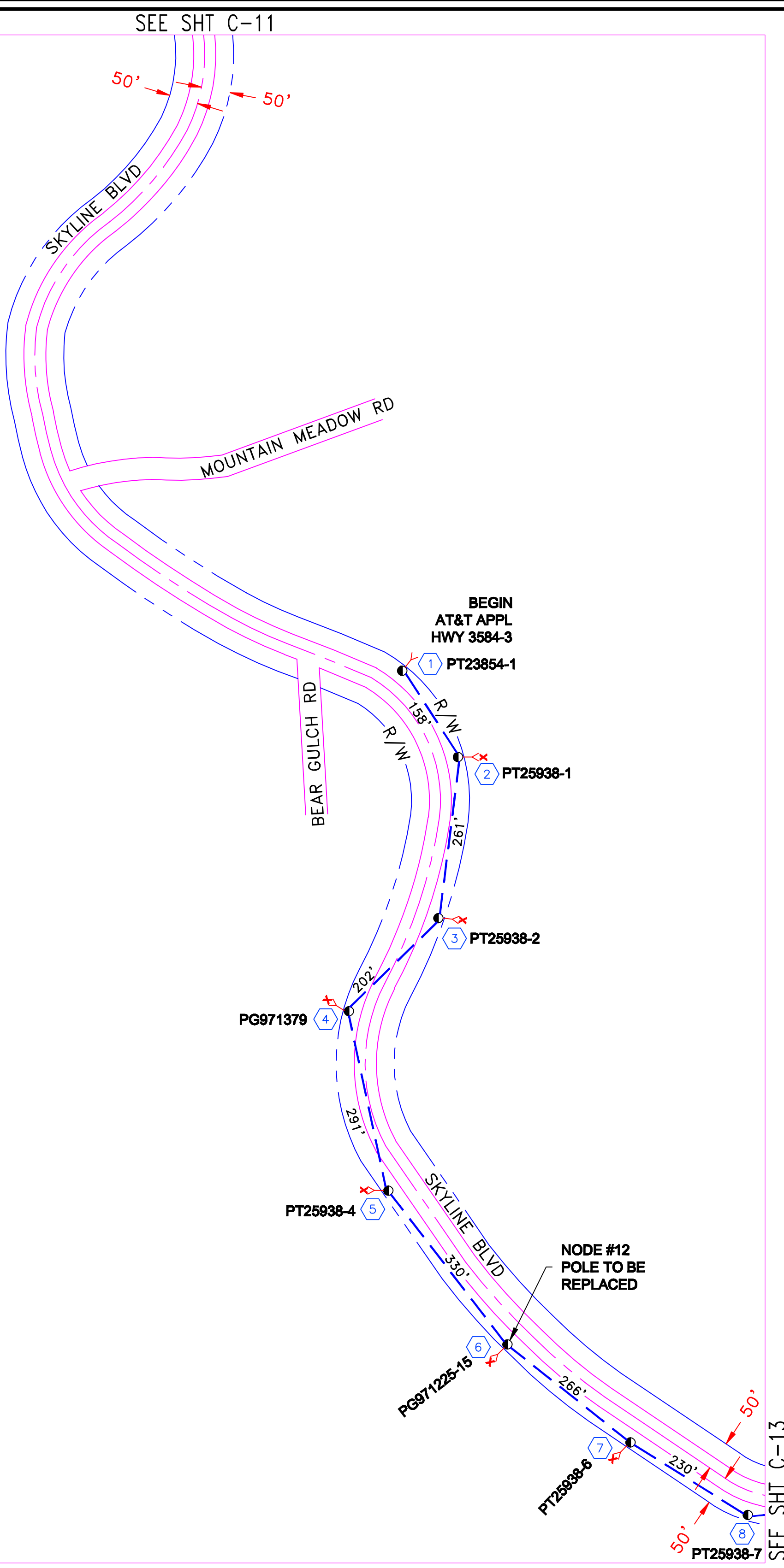
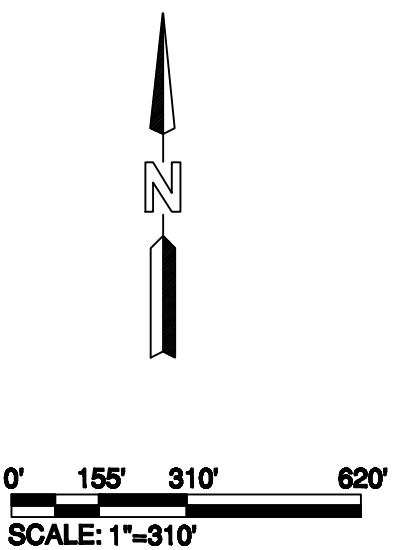
TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

PLACEMENT DATA
PL 1738' OF AERIAL FIBER OPTIC CABLE

- CONSTRUCTION NOTE:
- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
 - 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

NOTES:
UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS, BUT ARE NOT NECESSARILY EXACT. THEREFORE, UTILITY LOCATIONS WILL BE VERIFIED AT LEAST 100 FEET IN ADVANCE OF TRENCHING, DIRECTIONAL BORING OR PLOWING SO THAT CHANGES IN CONDUIT PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICTS.
ALL KNOWN BURIED OBSTRUCTIONS ARE SHOWN ON THE CONSTRUCTION DRAWINGS. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.



- 1 **PT23854-1**
ATTACH EXTENET FIBER @ HOA 23' 3" F-ARM TOS. RPLCE ARM W F-ARM. PL SEP BLOCK. TRNSFR TV AND TELCO TO NEW ARM. AT HOA 22' 3" RAISE TEL TO F-ARM BIS 23' 3". AT HOA 23' 3" LOWER CATV TO F-ARM BOS 23' 3".
- 2 **PT25938-1**
PL NEW 3/4" <18M> 3 EYE ANC 22' E. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 24' 6". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 22' E. P=26. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.
- 3 **PT25938-2**
PL NEW 3/4" <18M> 3 EYE ANC 18' E. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 24' 7". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 18' E. P=29. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.
- 4 **PG971379**
PL NEW 3/4" <18M> 3 EYE ANC 16' WNW. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 23' 6". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 16' WNW. P=34. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.
- 5 **PT25938-4**
PL NEW 3/4" <18M> 3 EYE ANC 13' W. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 31' 10". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 13' W. P=28. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.
- 6 **PG971225-15**
PL NEW 3/4" <18M> 3 EYE ANC 14' SW. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 28' 7". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 14' SW. P=16. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.
- 7 **PT25938-6**
PL NEW 3/4" <18M> 3 EYE ANC 14' SW. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 29' 4". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 14' SW. P=15. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.
- 8 **PT25938-7**
EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 29' ". PL 1/4" <6.6M>" DG TO 1.25" <32M> 3 EYE ANC 30' SW. P=14. PL ISO-BOB. PL GUY GUARD.



REVISION		TOTAL FOOTAGE: 1738'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-C4	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
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6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-12
7.				
8.				

REVISION		TOTAL FOOTAGE: 2931'	PROJECT NO. : HWY 8435	
1. TRAFFIC CONTROL PLANS 08/10/09		ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-D4	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
5.				
6.	<div style="text-align: center;"> SKYLINE BLVD SAN MATEO, CA </div>	<div style="text-align: center;"> SHEET TITLE PLAN </div>	SHEET	
7.				
8.				

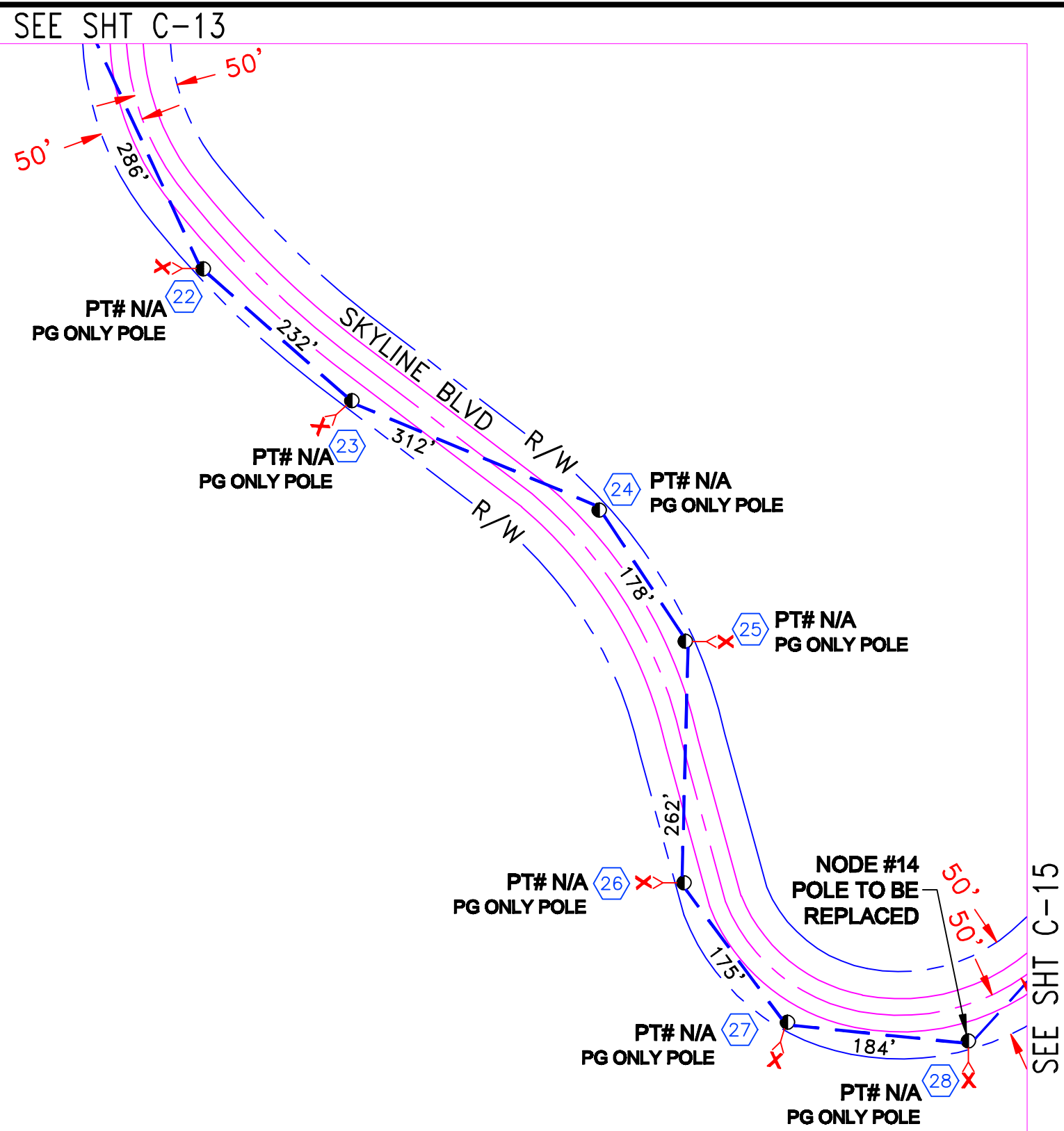
REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

PLACEMENT DATA

PL 1629' OF AERIAL FIBER OPTIC CABLE



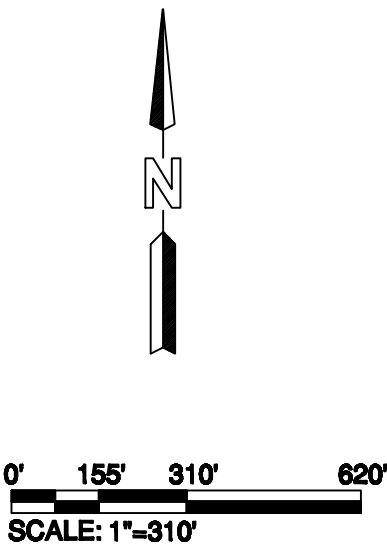
- 22** PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 15' W.
EXTENET ATTACH 6.6M STRAND AND
LASH FIBER @ HOA 24' 10". PL 1/4"
<6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC
15' W. P=19. PL ISO-BOB. PL GUY GUARD.
OFFSET NEW ANC.
- 23** PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 11' SW.
EXTENET ATTACH 6.6M STRAND AND
LASH FIBER @ HOA 25' 8". PL 1/4" <6.6M>"
DG TO NEW 3/4" <18M> 3 EYE ANC 11' SW.
P=7. PL ISO-BOB. PL GUY GUARD.
OFFSET NEW ANC.
- 24** PT# N/A
EXTENET ATTACH 6.6M STRAND AND
LASH FIBER @ HOA 28' 5". PL 1/4" <6.6M>"
DG TO 3/4" <18M> 3 EYE ANC 14' SE. P=28.
PL ISO-BOB. PL GUY GUARD.
- 25** PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 15' E.
EXTENET ATTACH 6.6M STRAND AND
LASH FIBER @ HOA 31' ". PL 1/4" <6.6M>"
DG TO NEW 3/4" <18M> 3 EYE ANC 15' E.
P=25. PL ISO-BOB. PL GUY GUARD.
OFFSET NEW ANC.
- 26** PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 14' W.
EXTENET ATTACH 6.6M STRAND AND
LASH FIBER @ HOA 27' ". PL 1/4" <6.6M>"
DG TO NEW 3/4" <18M> 3 EYE ANC 14' W.
P=30. PL ISO-BOB. PL GUY GUARD.
OFFSET NEW ANC.
- 27** PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 16' NE.
EXTENET ATTACH 6.6M STRAND AND
LASH FIBER @ HOA 26' 6". PL 1/4" <6.6M>"
DG TO NEW 3/4" <18M> 3 EYE ANC 16' NE.
P=27. PL ISO-BOB. PL GUY GUARD.
OFFSET NEW ANC.
- 28** PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 17' S.
EXTENET ATTACH 6.6M STRAND AND
LASH FIBER @ HOA 25' 10". PL 1/4"
<6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC
17' S. P=39. PL ISO-BOB. PL GUY GUARD.
OFFSET NEW ANC.

CONSTRUCTION NOTE:

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PRIOR TO BEGINING CONSTRUCTION
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& LOCATION PRIOR TO CONSTRUCTION.

NOTES:

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CONTRACTOR TO LOCATE, PROTECT, AND REPAIR, IF DAMAGED.

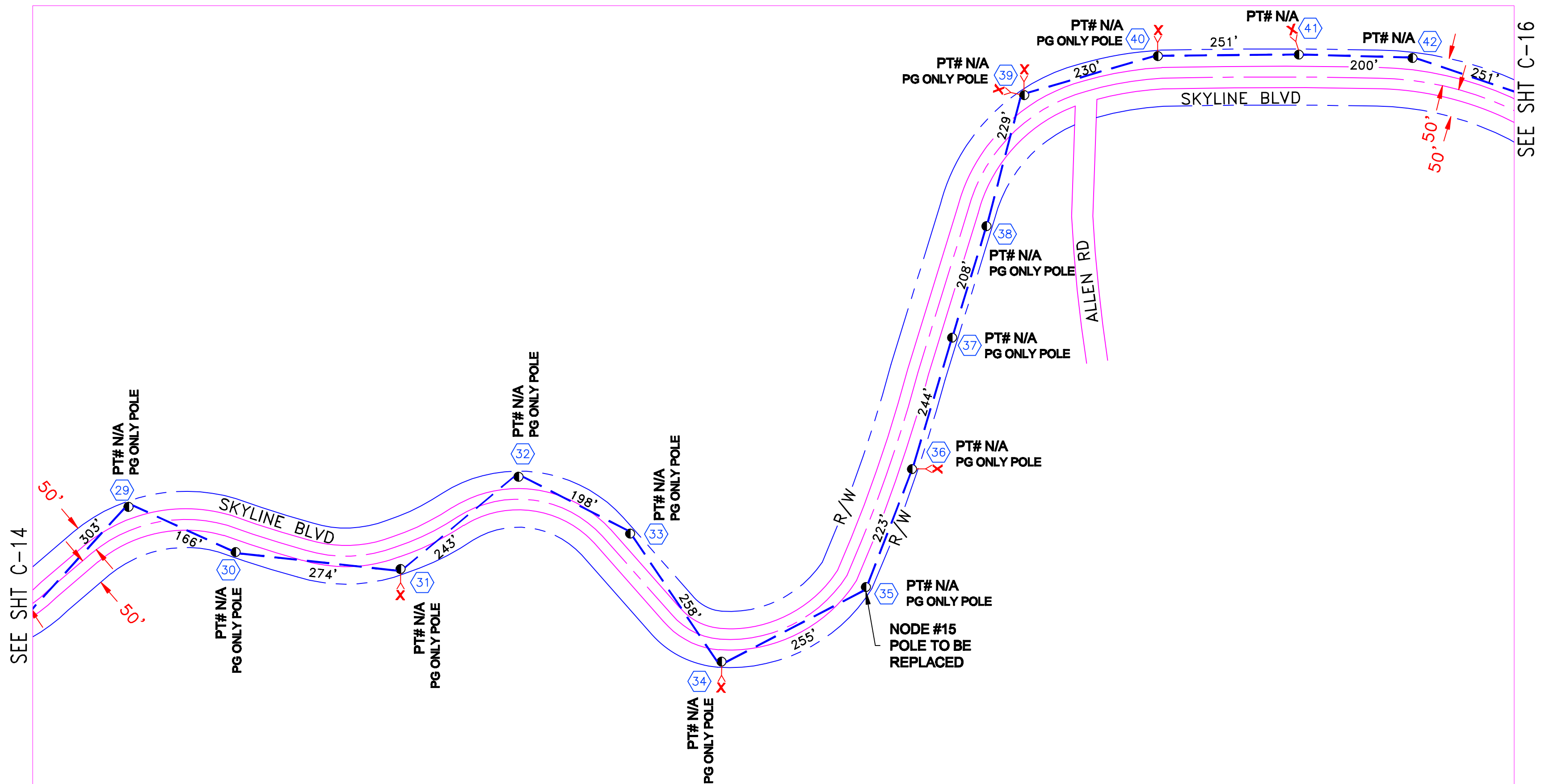


REVISION		TOTAL FOOTAGE: 1629'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-D5	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
5.				
6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-14
7.				
8.				

REDWOOD CITY TRAFFIC CONTROL PLANS CITY OF REDWOOD CITY

PLACEMENT DATA

PL 3533' OF AERIAL FIBER OPTIC CABLE



PT# N/A
EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 25' 4". PL 1/4" <6.6M>" DG TO 1" <26M> 3 EYE ANC 13' NW. P=DE. PL 1/4" <6.6M>" DG TO 1" <26M> 3 EYE ANC 16' NE. P=DE. PL ISO-BOB. PL GUY GUARD.

PT# N/A
EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 26' 5".

PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 16' S. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 25' 9". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 16' S. P=38. PL ISO-BOB. PL GUY GUARD.

PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 20' N. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 25' 2". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 20' N. P=37. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.

PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 14' NE. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 22' 9". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 14' NE. P=36. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC. EXTENET TO LOWER TV. AT HOA 22' 9" LOWER CATV TO 21' 9".

PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 17' S. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 24' 6". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 17' S. P=43. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.

PT# N/A
EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 26' 5". EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 26' 7". PL 1/4" <6.6M>" DG TO BURIED ANC 21' S. P=DE. PL 1/4" <6.6M>" DG TO 3/4" <18M> 3 EYE ANC 17' NE. P=DE. PL ISO-BOB. PL GUY GUARD.

PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 11' E. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 27' 3". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 11' E. P=19. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.

PT# N/A
EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 32' ".

PT# N/A
EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 29' ". PL GA TO HOA 29' 4".

PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 20' N. PL NEW 3/4" <18M> 3 EYE ANC 20' SW. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 23' 4". EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 23' 2". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 20' N. P=DE. PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 20' SW. P=DE. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC. EXTENET TO LOWER TV. AT HOA 23' 4" LOWER CATV TO 22' 2". AT HOA 23' 2" LOWER CATV TO 22' ".

PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 11' N. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 24' 8". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 11' N. P=27. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC. RAISE GA TO HOA 25'.

PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 14' N. EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 27' 8". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 14' N. P=3. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.

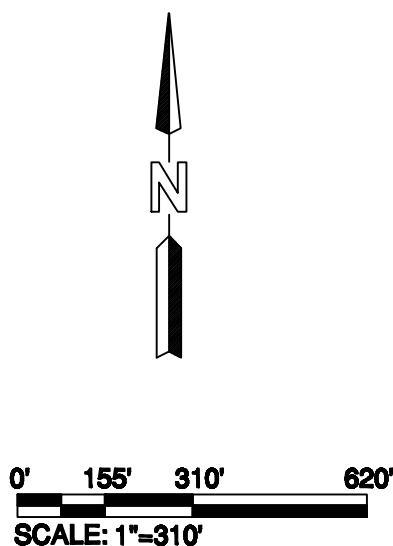
PT# N/A
EXTENET ATTACH 6.6M STRAND AND LASH FIBER @ HOA 27' 8". PL 1/4" <6.6M>" DG TO 3/4" <18M> 3 EYE ANC 10' N. P=16. PL ISO-BOB. PL GUY GUARD. TV NEEDS DG.

CONSTRUCTION NOTE:


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NOTES:


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REVISION		TOTAL FOOTAGE: 3533'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-E5	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
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		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-15



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REVISION	TOTAL FOOTAGE: 1927'	PROJECT NO. : HWY 8435	
1. TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.	DRAWN BY: ICS	TG PAGE : 809-F5	
3.	DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.			
5.			
6.	SKYLINE BLVD SAN MATEO, CA	SHEET TITLE	SHEET
7.		PLAN	C-16
8.			

REDWOOD CITY TRAFFIC CONTROL PLANS CITY OF REDWOOD CITY

PLACEMENT DATA

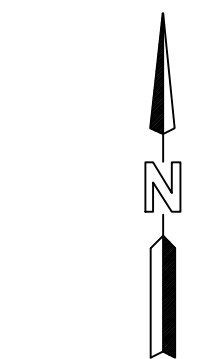
PL 2490' OF AERIAL FIBER OPTIC CABLE

CONSTRUCTION NOTE:

- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
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0' 155' 310' 620'
SCALE: 1"=310'

SEE SHT C-15

SEE SHT C-23

SEE SHT C-17

809-F5



REVISION		TOTAL FOOTAGE: 2490'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-F5	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
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		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-16

REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

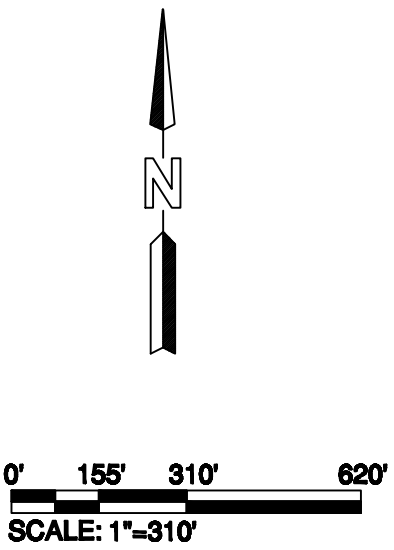
PLACEMENT DATA

PL 3248' OF AERIAL FIBER OPTIC CABLE

CONSTRUCTION NOTE:

- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
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NOTES:
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16 PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
27' 6" F-ARM TIS. PL SEP BLOCK.

17 PT# N/A
EXTENET TO ATTACH 6.6M STRAND
AND LASH FIBER @ HOA 27' 6" .

18 PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
27' 6" . PL 1/4" <6.6M>" DG TO
TREE 42' E. P=33. PL ISO-BOB. PL
GUY GUARD. EXTENET TO LOWER
TV AND TELCO. AT HOA 28' 6"
LOWER TEL TO 25' 6". AT HOA 25'
6" LOWER TEL TO 24' 6". AT HOA
27' 6" LOWER CATV TO 28' 6".

19 PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
27' 6" F-ARM TIS. EXTENET TO
MOVE TV. PL SEP BLOCK. AT HOA
27' 6" LOWER CATV TO F-ARM TOS
27' 6".

20 PT4790-1
DO NOT ATTACH. NO SPACE. SET
35' CLASS 5 TEMP POLE 2' NORTH
OF EXIST.

20 PT# N/A (TEMP)
PL NEW 3/4" <18M> 3 EYE ANC 12'
NW. PL NEW 3/4" <18M> 3 EYE
ANC 12' SW. EXTENET TO ATTACH
6.6M STRAND AND LASH FIBER @
HOA 27' 6" . EXTENET TO ATTACH
6.6M STRAND AND LASH FIBER @
HOA 27' 2" . PL 3/8" <10M>" DG TO
NEW 3/4" <18M> 3 EYE ANC 12' NW.
P=DE. PL 3/8" <10M>" DG TO NEW
3/4" <18M> 3 EYE ANC 12' NW.
P=DE. PL ISO-BOB. PL GUY
GUARD. OFFSET NEW ANC. SET
35' CLASS 5 TEMP POLE 2' NORTH
OF EXIST.

21 PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 16'
N. PL NEW 3/4" <18M> 3 EYE ANC
16' S. EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
29' 6" . EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
29' 2" . PL 1/4" <6.6M>" DG TO NEW
3/4" <18M> 3 EYE ANC 16' N. P=DE.
PL 1/4" <6.6M>" DG TO NEW 3/4"
<18M> 3 EYE ANC 16' S. P=DE. PL
ISO-BOB. PL GUY GUARD.

22 PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
28' 6" . PL 1/4" <6.6M>" DG TO
BURIED ANC 16' E. P=42. PL
ISO-BOB. PL GUY GUARD.

23 PG0117-1
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
22' 6" E-ARM TS. EXTENET TO PL E-
ARM TO HOA 22' AND TRANSFER
TV. PL SEP BLOCK. AT HOA 22' 6"
LOWER CATV TO E-ARM BS 22' 6".

24 PG4749-1
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
31' 6" . PL 1/4" <6.6M>" DG TO TREE
30' E. P=36. PL ISO-BOB. PL GUY
GUARD.

25 PG4749-2
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
25' 6" . PL 1/4" <6.6M>" DG TO TREE
24' W. P=42. PL ISO-BOB. PL GUY
GUARD. RAISE GA TO HOA 25' 6".

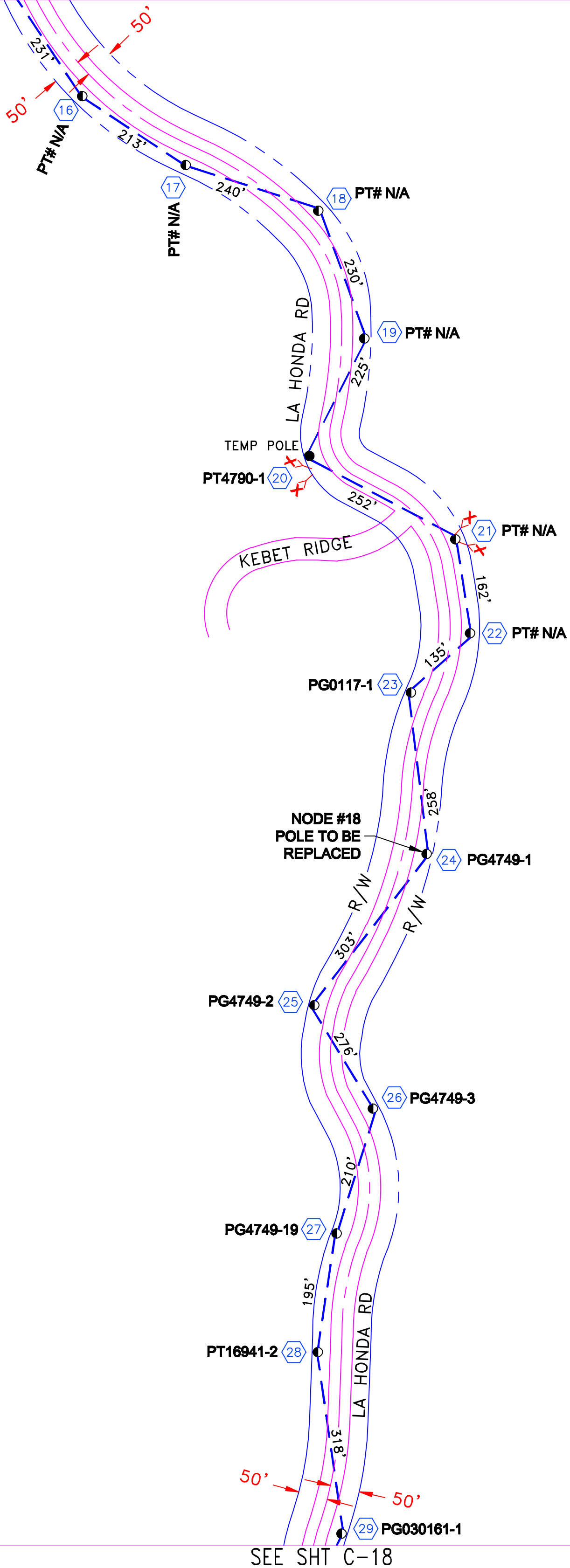
26 PG4749-3
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
25' 6" . PL 1/4" <6.6M>" DG TO
TREE 30' E. P=43. PL ISO-BOB. PL
GUY GUARD.

27 PG4749-19
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
23' 9" . PL 1/4" <6.6M>" DG TO
TREE 46' W. P=30. PL ISO-BOB. PL
GUY GUARD.

28 PT16941-2
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
35' 6" .

29 PG030161-1
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
23' 6" . PL 1/4" <6.6M>" DG TO TREE
13' E. P=40. PL ISO-BOB. PL GUY
GUARD.

SEE SHT C-16



SEE SHT C-18

809-F6



REVISION		TOTAL FOOTAGE: 3248'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-F6	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
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8.				
		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-17

REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

PLACEMENT DATA

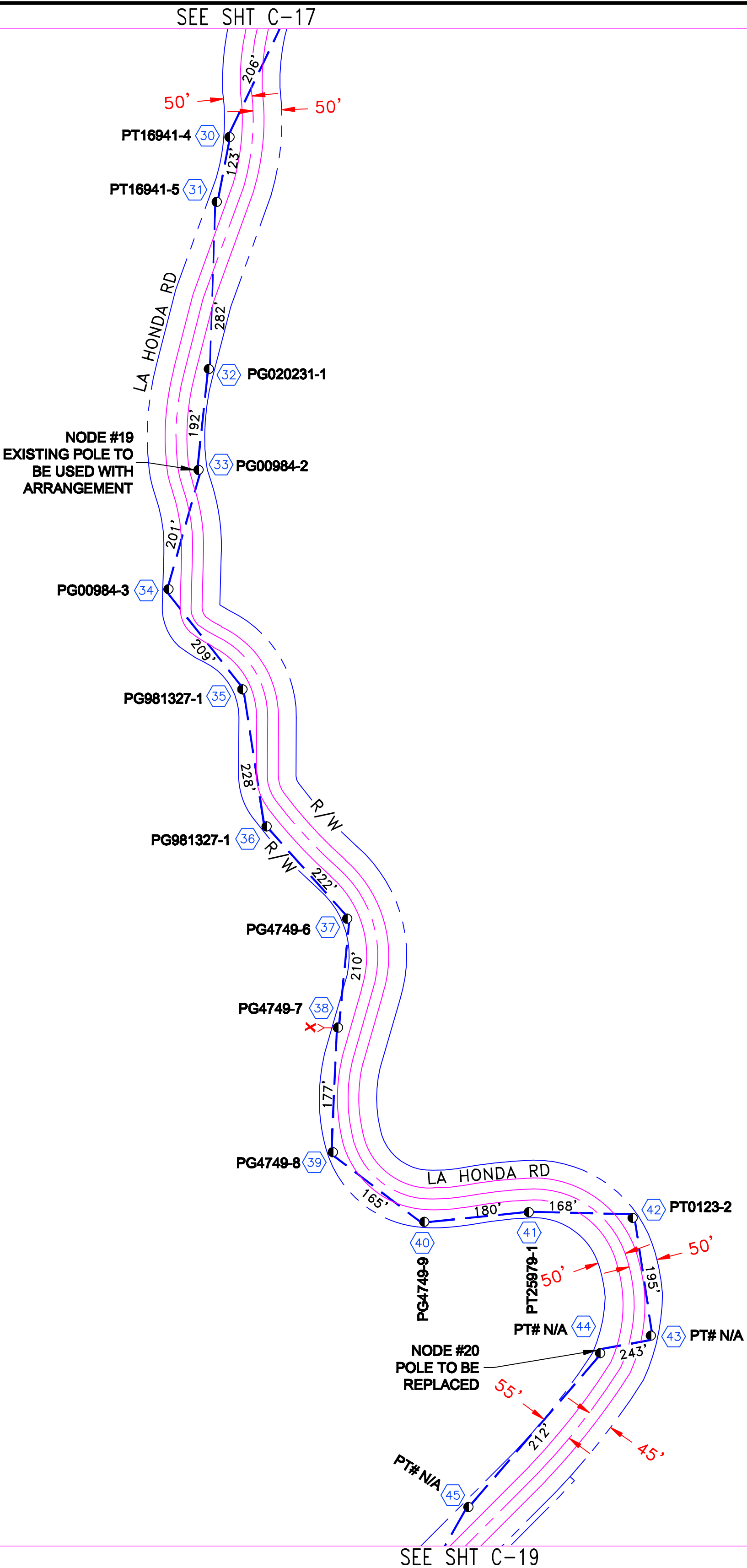
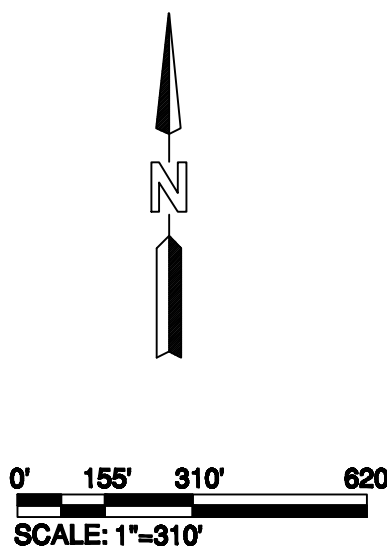
PL 3213' OF AERIAL FIBER OPTIC CABLE

CONSTRUCTION NOTE:

- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
- 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

NOTES:

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- PT16941-4**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 24' " F-ARM TIS. PL ISO-BOB. PL GUY GUARD. EXTENET TP PL F-ARM TO HOA 24' AND TRANSFER TV AND TELCO. PL SEP BLOCK. AT HOA 24' 5" LOWER TEL TO F-ARM BOS 24' ". AT HOA 23' 5" RAISE TEL TO F-ARM BIS 24' ". AT HOA 25' 5" LOWER CATV TO F-ARM TOS 24' ".
- PT16941-5**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 30' " F-ARM TIS. PL SEP BLOCK.
- PG020231-1**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 34' 6' ". PL 1/4" <6.6M>" DG TO TREE 51' W. P=5. PL ISO-BOB. PL GUY GUARD. EXTENET TO LOWER TV AND TELCO. REFRAME TELCO DG TO SAME HOA. AT HOA 33' 6" LOWER TEL TO 32' 4". AT HOA 32' 4" LOWER TEL TO 31' 4". AT HOA 34' 6" LOWER CATV TO 33' 6".
- PG00984-2**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 38' ". PL 1/4" <6.6M>" DG TO TREE 38' E. P=5. PL ISO-BOB. PL GUY GUARD. EXTENET TO LOWER TV AND TELCO. TELCO NEEDS DG. TV NEEDS DG.
- PG00984-3**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 25' ". PL 1/4" <6.6M>" DG TO TREE 35' W. P=30. PL ISO-BOB. PL GUY GUARD.
- PG981327-1**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 42' ".
- PG981327-1**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 42' ".
- PG4749-6**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 29' ". PL 1/4" <6.6M>" DG TO TREE 72' E. P=20. PL ISO-BOB. PL GUY GUARD.
- PG4749-7**
PL NEW 3/4" <18M> 3 EYE ANC 24' W. EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 26' 9' ". PL 1/4" <6.6M>" DG TO NEW 3/4" <18M> 3 EYE ANC 24' W. P=15. PL ISO-BOB. PL GUY GUARD. OFFSET NEW ANC.
- PG4749-8**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 22' 6' ". EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 22' 4' ". PL 1/4" <6.6M>" DG TO TREE 54' SW. P=DE. PL 1/4" <6.6M>" DG TO TREE 28' NW. P=DE. PL ISO-BOB. PL GUY GUARD.
- PG4749-9**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 25' ". PL 1/4" <6.6M>" DG TO TREE 51' S. P=20. PL ISO-BOB. PL GUY GUARD.
- PT0123-2**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 24' 8' ". PL 1/4" <6.6M>" DG TO 1" <26M> 3 EYE ANC 8' E. P=DE. PL 1/4" <6.6M>" DG TO TREE 102' N. P=DE. PL ISO-BOB. PL GUY GUARD.
- PT# N/A**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 23' " F-ARM TIS. PL SEP BLOCK.
- PT# N/A**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 28' ". PL 1/4" <6.6M>" DG TO 1" <26M> 3 EYE ANC 12' W. P=15. PL ISO-BOB. PL GUY GUARD.
- PT# N/A**
EXTENET TO ATTACH 6.6M STRAND AND LASH FIBER @ HOA 28' ". PL 1/4" <6.6M>" DG TO TREE 23' W. P=20. PL ISO-BOB. PL GUY GUARD.

809-F7



REVISION		TOTAL FOOTAGE: 3213'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-F7	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
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8.				
		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-18

REDWOOD CITY

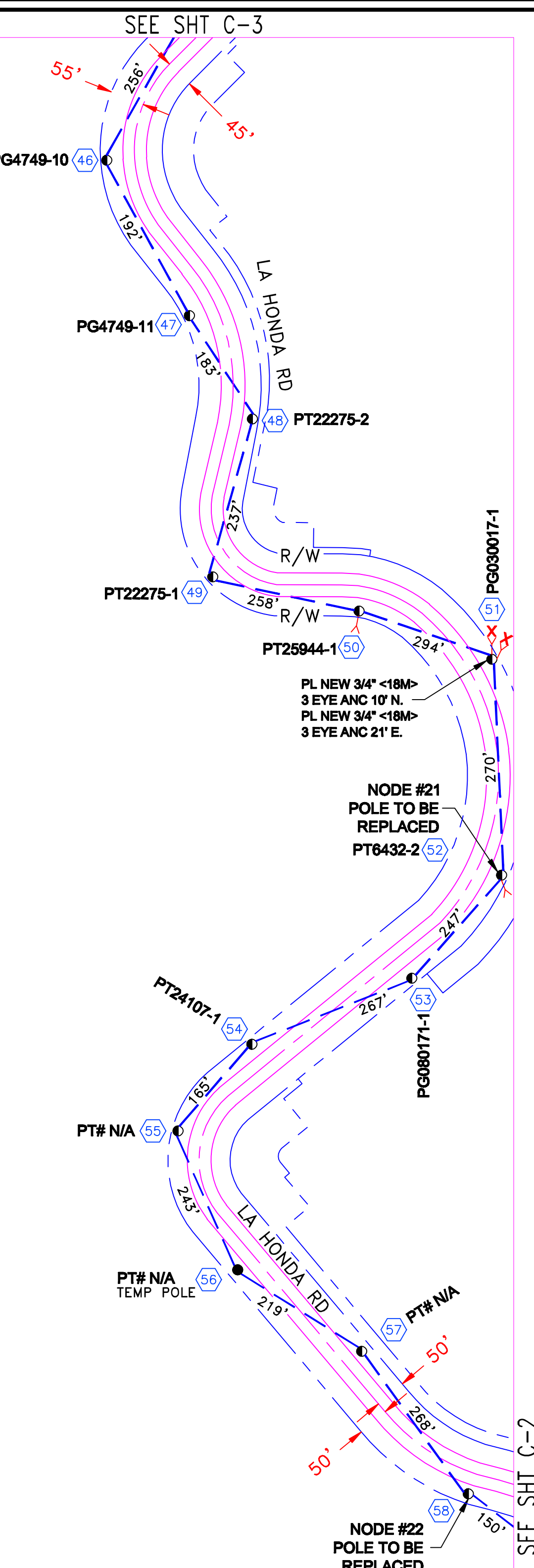
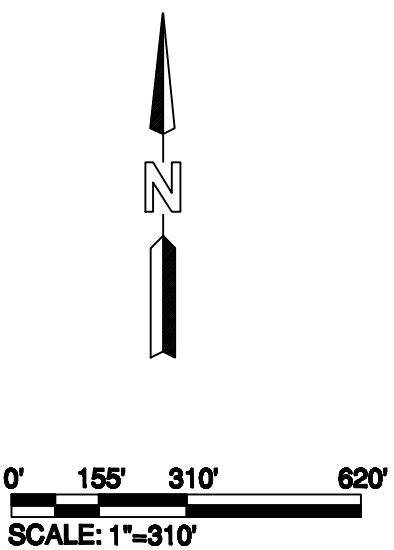
TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

PLACEMENT DATA
PL 3249' OF AERIAL FIBER OPTIC CABLE

- CONSTRUCTION NOTE:
- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
 - 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

NOTES:
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- PG4749-10
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
26' ". PL 1/4" <6.6M>" DG TO TREE
13' W. P=44. RAISE DGA TO HOA
26'4".
- PG4749-11
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
27' ".
- PT22275-2
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
28' 5". EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
28' 7". PL 1/4" <6.6M>" DG TO
TREE 40' SE. P=DE. PL 1/4"
<6.6M>" DG TO TREE 20' N. P=DE.
PL ISO-BOB. PL GUY GUARD.
- PT22275-1
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
28' ". PL 1/4" <6.6M>" DG TO 3/4"
<18M> 3 EYE ANC 13' NW. P=45.
PL ISO-BOB. PL GUY GUARD.
- PT25944-1
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
27' ". PL 1/4" <6.6M>" DG TO 1.25"
<32M> 3 EYE ANC 23' SW. P=42.
PL ISO-BOB. PL GUY GUARD.
- PG030017-1
PL NEW 3/4" <18M> 3 EYE ANC 10'
N. PL NEW 3/4" <18M> 3 EYE ANC
21' E. EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
29' 6". EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
29' 8". PL 1/4" <6.6M>" DG TO NEW
3/4" <18M> 3 EYE ANC 10' N. P=DE.
PL 1/4" <6.6M>" DG TO NEW 3/4"
<18M> 3 EYE ANC 21' E. P=DE. PL
ISO-BOB. PL GUY GUARD. OFFSET
NEW ANC.
- PT6432-2
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
30' 6". PL 1/4" <6.6M>" DG TO 1.25"
<32M> 3 EYE ANC 12' E. P=36. PL
ISO-BOB. PL GUY GUARD.
- PG080171-1
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
28' 6". PL 1/4" <6.6M>" DG TO
TREE 40' E. P=39. PL ISO-BOB. PL
GUY GUARD.
- PT24107-1
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
32' ".
- PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
28' ". PL 1/4" <6.6M>" DG TO TREE
18' W. P=42. PL ISO-BOB. PL GUY
GUARD.
- PT# N/A
DO NOT ATTACH. POLE ROTTEN.
SET 40' CLASS 4 TEMP POLE 2'
SOUTH OF EXIST.
- TEMP:
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
30' ". PL 5/16" <6M>" DG TO TREE
66' W. P=30. PL ISO-BOB. PL GUY
GUARD. SET 40' CLASS 4 TEMP
POLE 2' SOUTH OF EXIST M.R.
POLE 56.
- PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
30' ". PL 1/4" <6.6M>" DG TO 1"
<26M> 3 EYE ANC 15' E. P=12. PL
ISO-BOB. PL GUY GUARD.
- PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
28' 9". PL 1/4" <6.6M>" DG TO
TREE 15' E. P=33. PL ISO-BOB. PL
GUY GUARD.

829-F1



REVISION		TOTAL FOOTAGE: 3249'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 829-F1	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
5.				
6.				
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8.				
		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-19

REDWOOD CITY

TRAFFIC CONTROL PLANS

CITY OF REDWOOD CITY

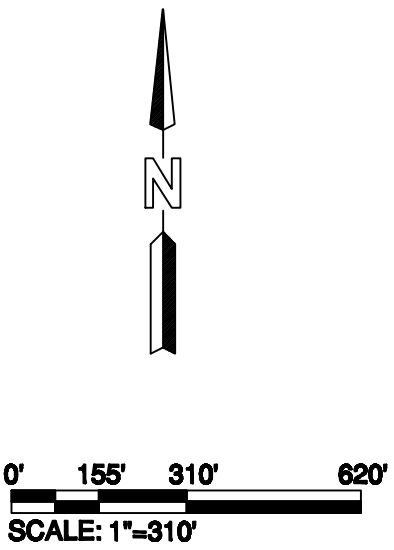
PLACEMENT DATA

PL 438' OF AERIAL FIBER OPTIC CABLE

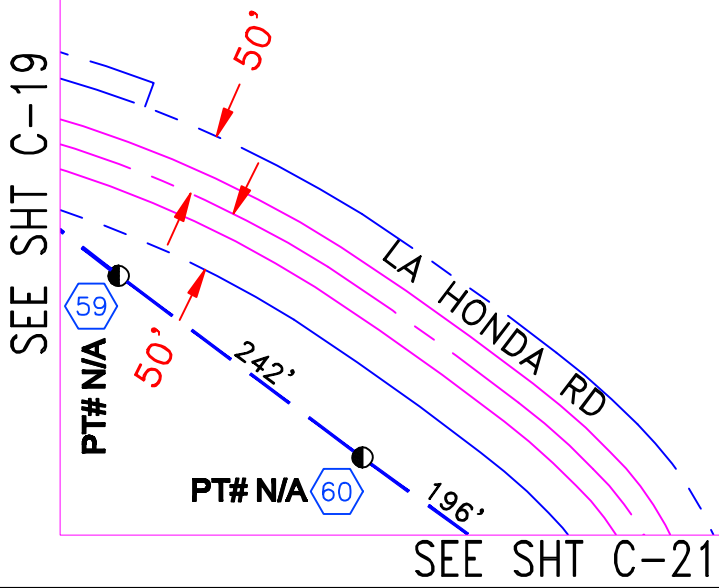
CONSTRUCTION NOTE:

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- 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

NOTES:
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829-G1



PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
24' ".

PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
24' 4" . PL 1/4" <6.6M>" DG TO 1"
<26M> 3 EYE ANC 14' E. P=15. PL
ISO-BOB. PL GUY GUARD.

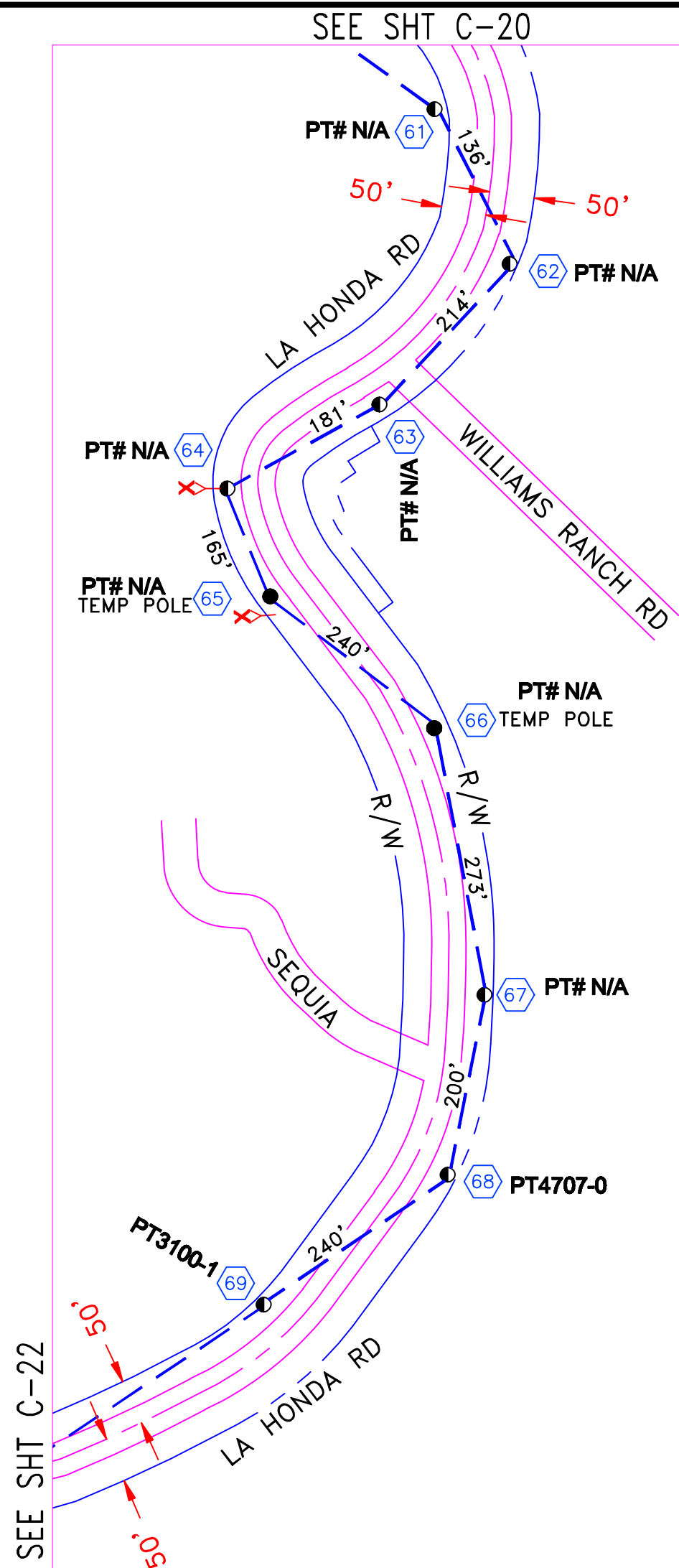


REVISION		TOTAL FOOTAGE: 438'	PROJECT NO. : HWY 8435	
1. TRAFFIC CONTROL PLANS 08/10/09		ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 829-G1	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
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6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE	SHEET
7.			PLAN	C-20
8.				

REDWOOD CITY TRAFFIC CONTROL PLANS CITY OF REDWOOD CITY

PLACEMENT DATA

PL 1649' OF AERIAL FIBER OPTIC CABLE



61 PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
21' 6" EXT ARM TMS. PL SEP
BLOCK.

62 PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
26' 2" . EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
28' " . PL 1/4" <6.6M>" DG TO
BURIED ANC 11' SE. P=DE. PL 1/4"
<6.6M>" DG TO 1" <26M> 3 EYE
ANC 27' NE. P=DE. PL ISO-BOB. PL
GUY GUARD. TELCO TO COMP
POLE TRNSFR.

63 PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
27' 2" . EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
27' 4" . PL 1/4" <6.6M>" DG TO 3/4"
<18M> 3 EYE ANC 18' E. P=DE. PL
1/4" <6.6M>" DG TO BURIED ANC 13'
S. P=DE. PL ISO-BOB. PL GUY
GUARD. TELCO TO COMP POLE
TRNSFR.

64 PT# N/A
PL NEW 3/4" <18M> 3 EYE ANC 12'
N. EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
30' " . PL 1/4" <6.6M>" DG TO NEW
3/4" <18M> 3 EYE ANC 12' N. P=25.
PL ISO-BOB. PL GUY GUARD.

65 PT# N/A
DO NOT ATTACH. NO SPACE.
ATTACH TO TV TEMP POLE 4' SW.
TV ON TEMP POLE 4' SW.
TEMP:
PL NEW 3/4" <18M> 3 EYE ANC 18'
NW. EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
25' " . PL 1/4" <6.6M>" DG TO NEW
3/4" <18M> 3 EYE ANC 18' NW.
P=10. PL ISO-BOB. PL GUY GUARD.
OFFSET NEW ANC.

66 PT# N/A
DO NOT ATTACH. NO SPACE. SET
40' CLASS 4 TEMP POLE 2' NORTH
OF EXIST.
TEMP:
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
32' " . SET 40' CLASS 4 TEMP POLE
2' NORTH OF EXIST M.R. POLE 66.

67 PT# N/A
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
23' 2" EXT ARM TMS. REPLACE
EXIST TELCO DG WITH 10M DG. PL
SEP BLOCK.

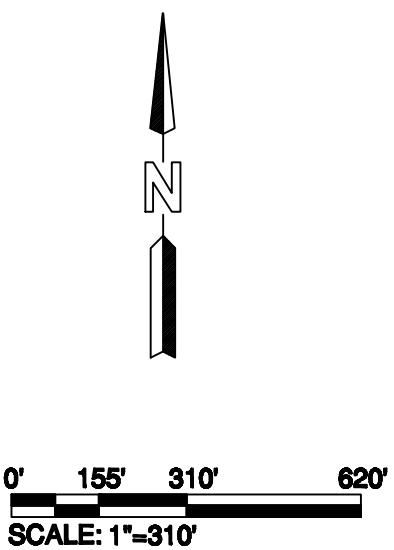
68 PT4707-0
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
29' " . PL 1/4" <6.6M>" DG TO 3/4"
<18M> 3 EYE ANC 14' E. P=25. PL
ISO-BOB. PL GUY GUARD.

69 PT3100-1
EXTENET TO ATTACH 6.6M
STRAND AND LASH FIBER @ HOA
23' 7" . PL ISO-BOB. PL GUY
GUARD.

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829-G2



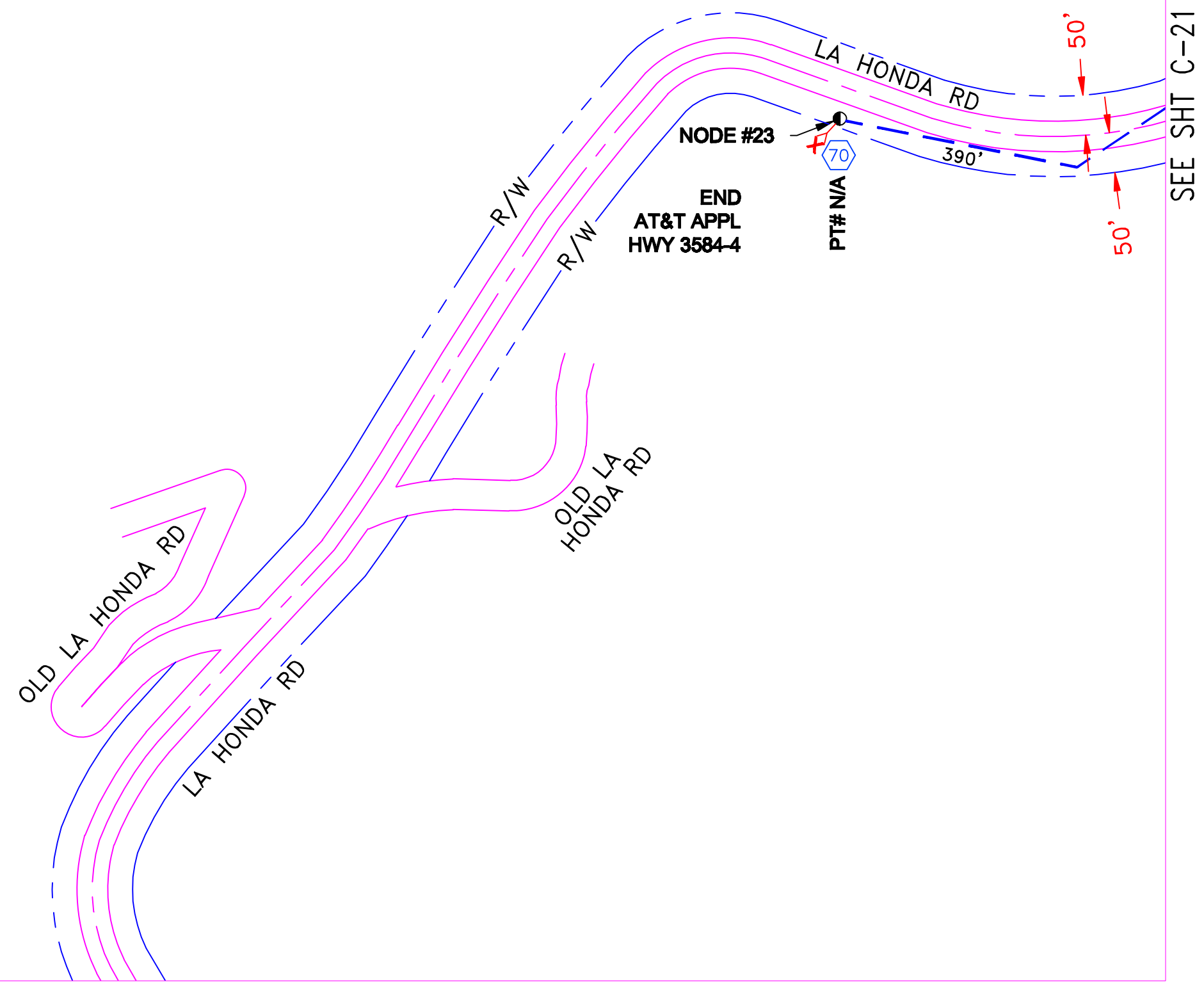
REVISION		TOTAL FOOTAGE: 1649'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 829-G2	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
5.				
6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-21
7.				
8.				

REDWOOD CITY

TRAFFIC CONTROL PLANS

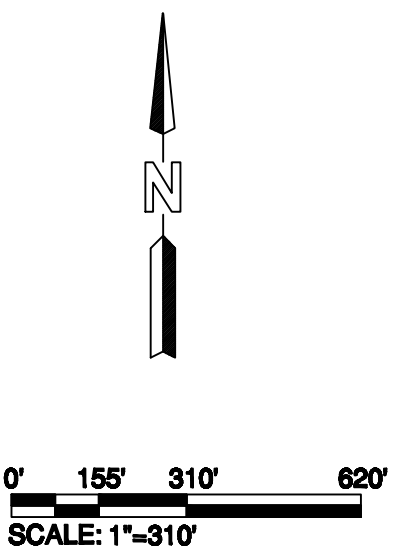
CITY OF REDWOOD CITY

PLACEMENT DATA
PL 390' OF AERIAL FIBER OPTIC CABLE



- CONSTRUCTION NOTE:
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829-F2



REVISION		TOTAL FOOTAGE: 390'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 829-F2	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
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6.		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-22
7.				
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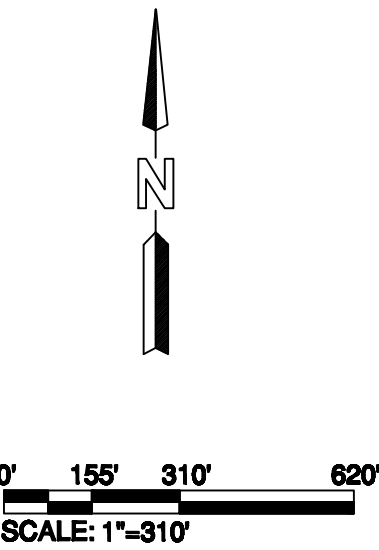
REDWOOD CITY TRAFFIC CONTROL PLANS CITY OF REDWOOD CITY

PLACEMENT DATA

PL 1144' OF AERIAL FIBER OPTIC CABLE

- CONSTRUCTION NOTE:
- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
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SEE SHT C-2

REVISION		TOTAL FOOTAGE: 1144'	PROJECT NO. : HWY 8435	
1.	TRAFFIC CONTROL PLANS 08/10/09	ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-F5	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
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		SKYLINE BLVD SAN MATEO, CA	SHEET TITLE PLAN	SHEET C-16

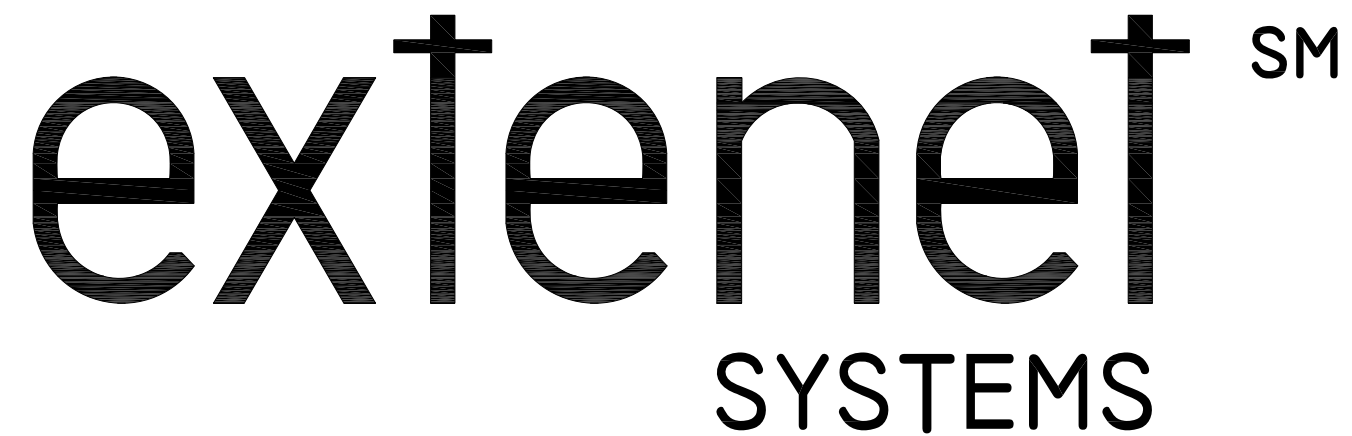
PL 2066' OF AERIAL FIBER OPTIC CABLE

- 1) USA UTILITY ALERT MUST BE CONTACTED MIN 48 HRS. PRIOR TO BEGINING CONSTRUCTION
- 2) ALL EX. UTILITIES BEING CROSSED MUST BE POTHOLED FOR DEPTH & LOCATION PRIOR TO CONSTRUCTION.

809 G5



REVISION		TOTAL FOOTAGE: 2066'	PROJECT NO. : HWY 8435	
1. TRAFFIC CONTROL PLANS 08/10/09		ENGINEERED DATE:	PROJECT NAME : SKYLINE BLVD	
2.		DRAWN BY: ICS	TG PAGE : 809-G5	
3.		DRAFT DATE: 08/10/09	JURISDICTION : COUNTY OF SAN MATEO	
4.				
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6.		<p style="text-align: center;">SKYLINE BLVD SAN MATEO, CA</p>	<p style="text-align: center;">SHEET TITLE PLAN</p>	<p style="text-align: center;">SHEET C-23</p>
7.				
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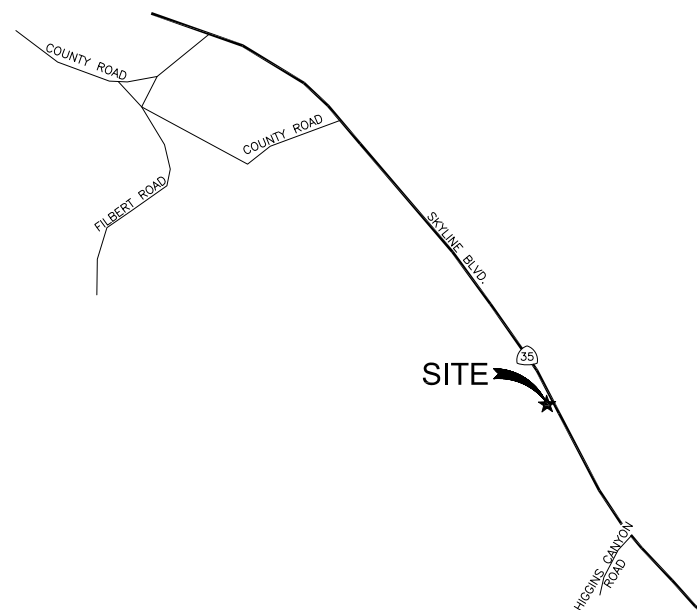


HWY 35 - PROJECT

HWY8435 - 001A

POST MILE MARKER 16.95

14040 SKYLINE BLVD (SOUTHEAST OF)
WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.43164
LONG: -122.31490

SHEET INDEX

SHEET INDEX	
SHEET	DESCRIPTION
T1	TITLE SHEET
T2	GENERAL CONSTRUCTION NOTE & ANTENNA CABLE SCHEDULE
A1	SITE PLAN
A1.2	PLAN AND PROFILE
A2	UTILITY POLE ELEVATIONS/RISER DETAILS
A3	AERIAL DETAILS
A4	UNDERGROUND DETAILS



3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
3	04/26/10	REVISION PER CALTRANS COMMENTS
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

04/26/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

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LICENSURE:

SITE NO.:

HWY8435-001A

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 1
14040 SKYLINE BLVD (SOUTHEAST OF)
WOODSIDE, CA 94062

SHEET TITLE:











































TITLE SHEET

DRAWN BY: VG	CHECKED BY: AE	APPROVED BY: KM
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SHEET NUMBER:	T1	REVISION:	3
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VICINITY MAP



A.B. ABV. AFF AFG AGL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BN B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(") FTG GA GI G.F.I. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB INT(") INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CAWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD	MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		
ABBREVIATION AND LEGEND	4	ROW CONSTRUCTION GENERAL NOTES	3

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.

2. IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.

4. IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.

5. CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.

6. THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.

7. MANHOLES OR COVERS SHALL BE LABELED EXTENET.

8. CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.

9. THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.

USA North

of Central/Northern California and Nevada

Call Before You Dig! 1-800-227-2600

SPECIAL NOTES

1. INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.

2. PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.

3. ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.

4. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.

5. THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.

6. THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.

7. THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.

8. THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.

9. ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.

10. ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.

11. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.

12. VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.

13. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.

14. CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.

15. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

1. ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCCP).

2. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.

3. FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.

4. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.

5. THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.

6. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.

7. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.

8. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.

9. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.

10. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.

11. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.

12. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.

13. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.

14. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.

15. THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

extenetSM

SYSTEMS


3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
3	04/26/10	REVISION PER CALTRANS COMMENTS
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

04/26/10

PLANS PREPARED BY:



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SUITE 100
CORONA, CA 92882
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FAX: (909) 992-3113
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LICENSURE:

SITE NO.:

HWY8435-001A

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE I

10404 SKYLINE BLVD (SOUTHEAST OF)
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	3

WIND LOADING INFORMATION	
ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	37'-7"
BOTTOM GRADE	33'-4"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	2'ø
EXT. RISER LENGTH	27'-10"
EXT. RISER BTM GRADE	14'-8"
PWR RISER SIZE	1'ø
PWR RISER LENGTH	8'-0"
PWR RISER BTM GRADE	0'-0"

ANTENNA & CABLE SCHEDULE					
ANTENNA SECTOR	AZIMUTH	ANTENNA MAKE / MODEL	COAXIAL CABLE LENGTH	CABLES PER SECTOR	CABLE SIZE
SECTOR ALPHA	326°	KATHREIN 840 21410	24'-7"	2	1/2"
SECTOR BETA	144°	KATHREIN 840 21410	24'-7"	2	1/2"
SECTOR GAMMA					
NOTE: CONTRACTOR TO FIELD VERIFY CABLE LENGTHS PRIOR TO ORDERING, FABRICATION, OR INSTALLATION OF CABLES.					

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

1. 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.

2. GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE.

3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.

4. CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.

5. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.

6. ALL EQUIPMENT TO BE BONDED.

7. METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.

8. CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

1. GROUND TESTED AT 5 OHMS OR LESS.

2. 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE

3. #6 GROUND AND BOND WIRE.

4. WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END

5. GROUNDS 3'[914M] FROM POLE.

6. PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

1. FOR UNDERGROUND USE SCHEDULE 40.

2. FOR RISERS USE SCHEDULE 80.

3. PLACE 2"[.051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3"[.076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.

4. CONVERT 4"[1.02M] CARRIER CONDUIT TO 3"[.076M] AT BASE OF POLE.

5. GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3"[.076M] SCH. 80 TO 2"[.051M] SCH. 80 FROM TOP OF STUB UP.

6. ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8"[.010M] PULL ROPE.

STANDARD TRENCHING NOTES:

1. MAINTAIN 40"[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.

2. MAINTAIN 30"[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.

3. SAND SHADING MINIMUM 1"[.025M] UNDER CONDUITS, AND 6"[.152M] COVERING ON TOP REQUIRED.

4. ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.

5. IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2"[.038M] FOR AC CAP.

6. IN DIRT SLURRY 18"[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.

7. PLACE WARNING TAPE IN TRENCH 12"[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

LOADING AND ANTENNA CABLE SCHEDULES

1

USA North

Central/Northern California and Nevada

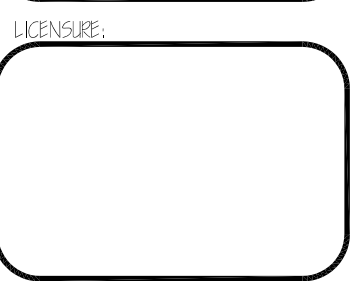
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SITE NAME & ADDRESS:
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14040 SKYLINE BLVD (SOUTHEAST OF)
WOODSIDE, CA 94062

SHEET TITLE: SITE PLAN

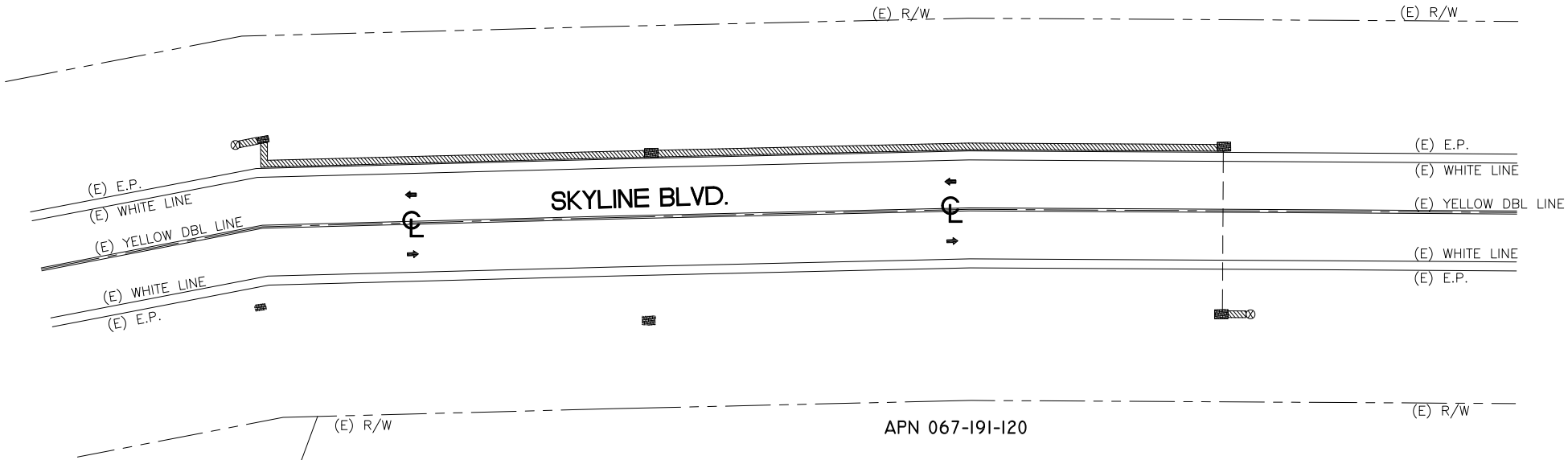
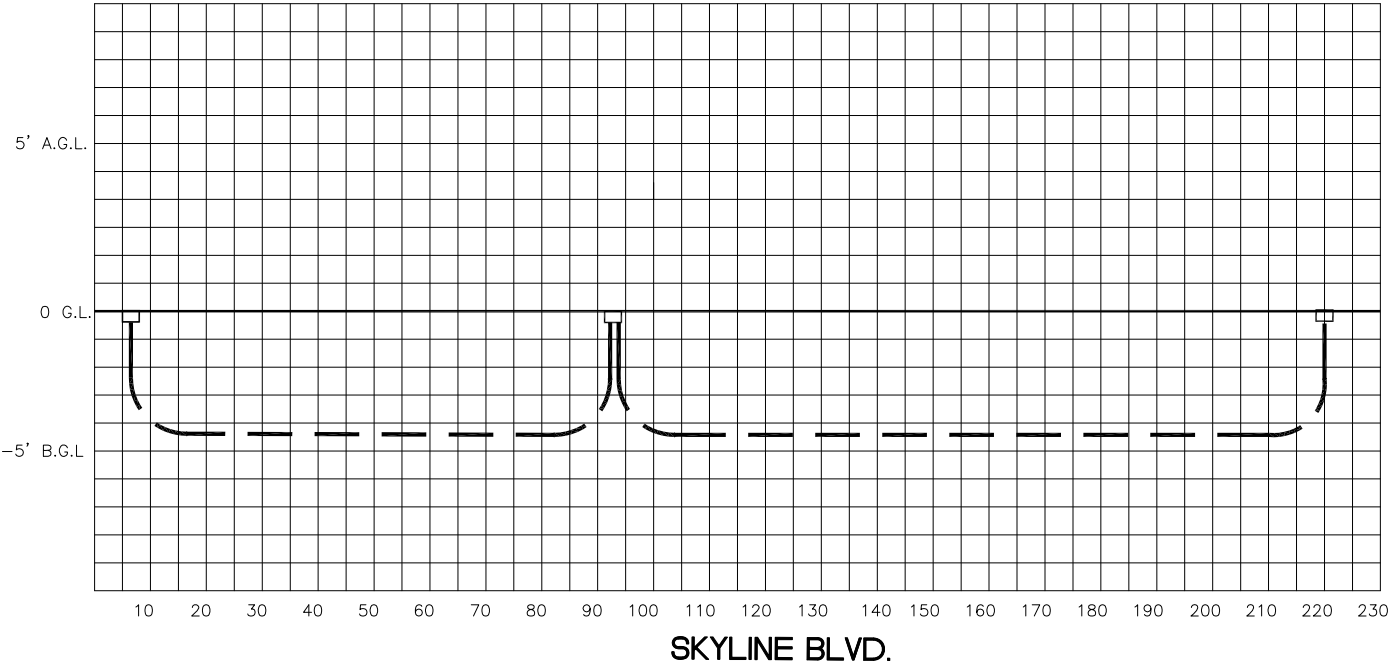
DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER: A1		REVISION: 3

CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

EXTENET NEW FACILITIES PROFILE

LEGEND

TRENCH - - - - -



extenetSM
SYSTEMS

3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

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SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 1
14040 SKYLINE BLVD (SOUTHEAST OF)
WOODSIDE, CA 94062

SHEET TITLE:

PLAN AND PROFILE

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A1.2 3

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LICENSURE:

SITE NO.:

HWY8435-001A

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 1
10400 SKYLINE BLVD (SOUTHEAST OF)
WOODSIDE, CA 94062

SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A23

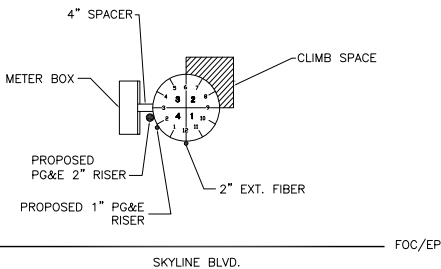
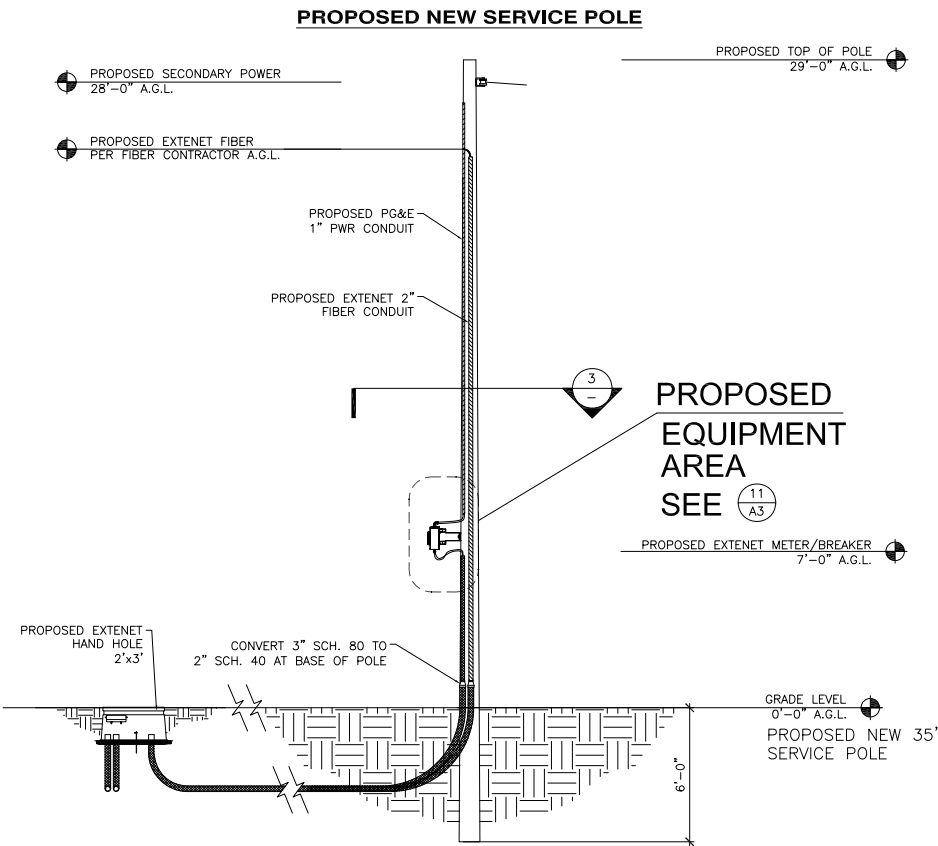
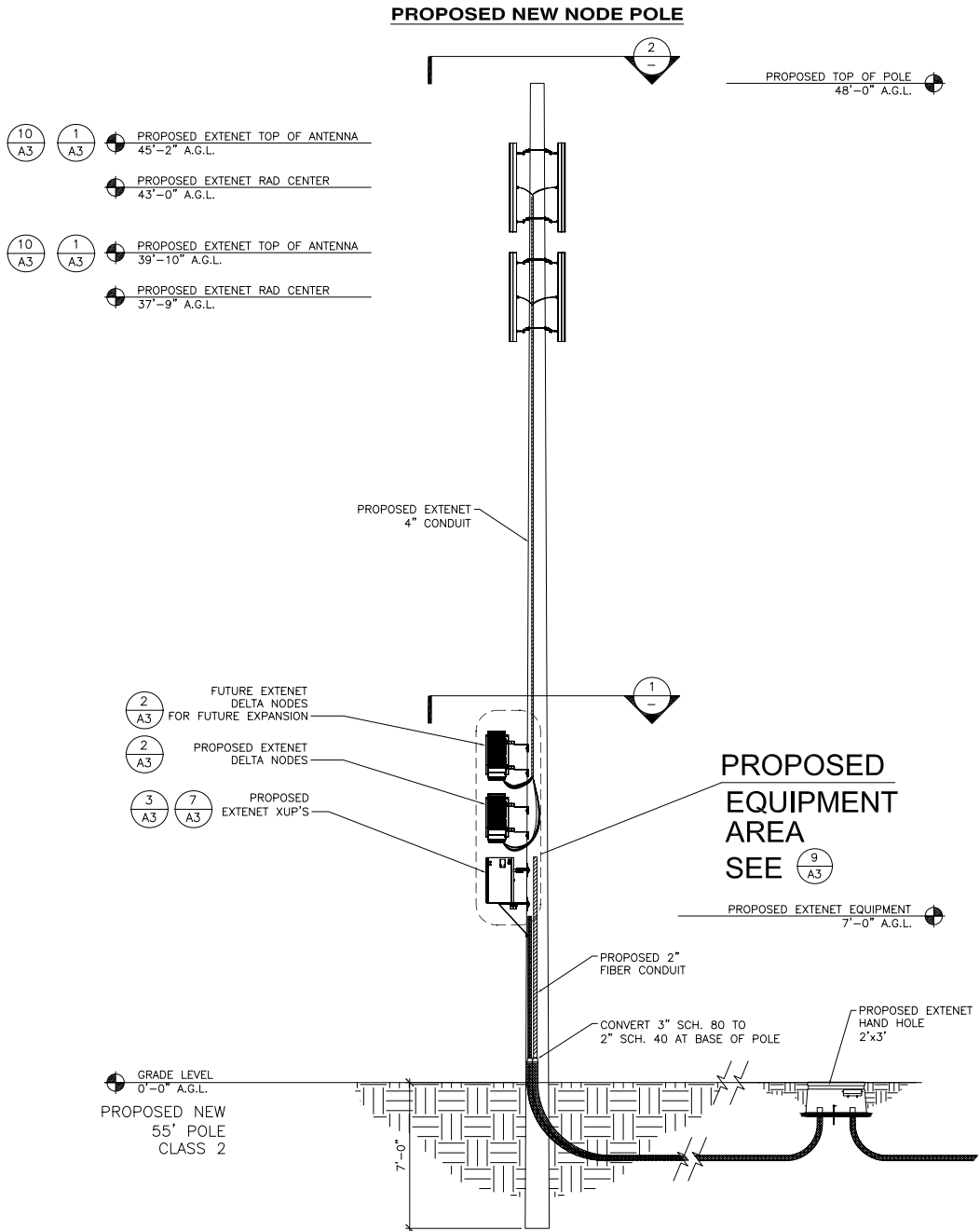
EXTENET MAKE-READY

1. INSTALL NEW 55' CLASS 2 NODE POLE IN ROW (SEE SITE PLAN FOR LOCATION)
2. INSTALL NEW 35' CLASS 3 SERVICE POLE IN ROW. METER TO BE SET ON SERVICE POLE(SEE SITE PLAN FOR LOCATION)
3. FLUSH MOUNT TOP OF ANTENNA AT 45'-2" GRADE, (2) 51" PANEL ANT (KATHREIN 840 21410) ON NODE POLE.
4. INSTALL SECOND SET OF ANTENNAS, FLUSH MOUNT AT TOP OF ANTENNA 39'-10" GRADE, (2) 51" PANEL ANT (KATHREIN 840 21410) ON NODE POLE. (FUTURE)
5. INSTALL EXTENET NODE EQUIPMENT TO STAND-OFF BRACKET (4" OFF OF POLE) AT THE 3:00 POSITION (BETWEEN QUAD. 3-4) ON NODE POLE
6. INSTALL METER TO SERVICE POLE AT 3:00 POSITION.
7. INSTALL 4" EXT CONDUIT AT 2:00 POSITION ON NODE POLE.
8. INSTALL 2" EXT. CONDUIT AT 2:30 POSITION ON SERVICE POLE
9. INSTALL 2" EXT. FIBER CONDUIT AT 12:00 POSITION ON NODE POLE
10. STRING IN EXTENET FIBER AND ATTACH AT PER FIBER CONTRACTOR GRADE

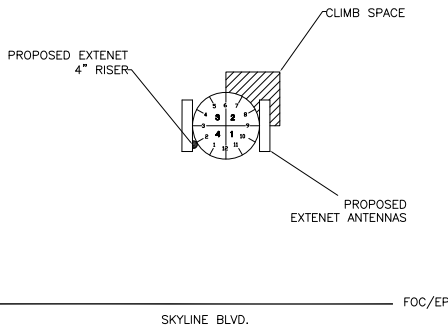
POWER MAKE-READY

1. PG&E TO STRING IN SECONDARY POWER TO EXTENET SERVICE POLE IN ROW APPROX 180' NE OF PG&E POLE LOCATION. (SEE SITE PLAN FOR LOCATION)
2. INSTALL 1" PG&E CONDUIT AT 1:50 POSITION (W/ WEATHER HEAD) ON EXTENET SERVICE POLE.
3. PROVIDE 120/240 3-WIRE SINGLE PHASE, 100 AMP SERVICE TO 1" PG&E CONDUIT TO EXTENET METER BOX FROM SECONDARY ON EXTENET SERVICE POLE.

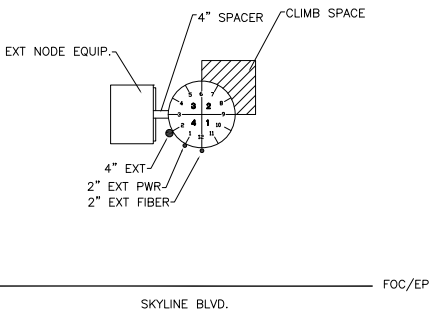
MAKE-READY NOTES



POWER SPACE PLAN VIEW



COMMUNICATION SPACE PLAN VIEW



EQUIP. SPACE PLAN VIEW

NOT USED

SCALE: NONE 13

NOT USED

SCALE: NONE 12

METER EQUIPMENT CONFIGURATION

SCALE: 1"=1'-4" 11

EXTENET ANTENNA ATTACHMENT

SCALE: 1"=1'-4" 10

EXTENET EQUIPMENT CONFIGURATION

SCALE: 1"=1'-4" 9

NOT USED

SCALE: NONE 8

REQUIRED GO95 SIGNAGE

SCALE: NONE 7

DELTA NODE MOUNTING BRACKET

SCALE: 1"=1" 5

MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

SCALE: 1"=1" 4

BATTERY BACK-UP XUPs 1000-7070

SCALE: 1"=1" 3

DELTA NODE DDR206

SCALE: 1"=1" 2

KATHREIN ANTENNA 840-21410

SCALE: 1/2"=1" 1

extenetSM
SYSTEMS

3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
3	04/26/10	REVISION PER CALTRANS COMMENTS
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

04/26/10

PLANS PREPARED BY:

 **Maximize Comm. Group, Inc.**

1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113

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LICENSURE:

SITE NO.:

HWY8435-001A

SITE NAME & ADDRESS:

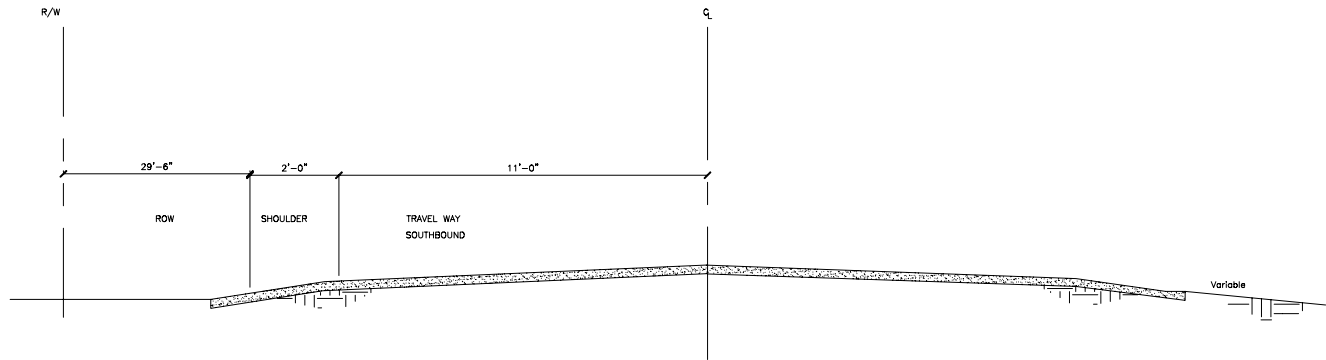
HIGHWAY 84/35 NETWORK NODE I
10400 SKYLINE BLVD (SOUTHEAST OF)
WOODSIDE, CA 94062

SHEET TITLE:

AERIAL DETAILS

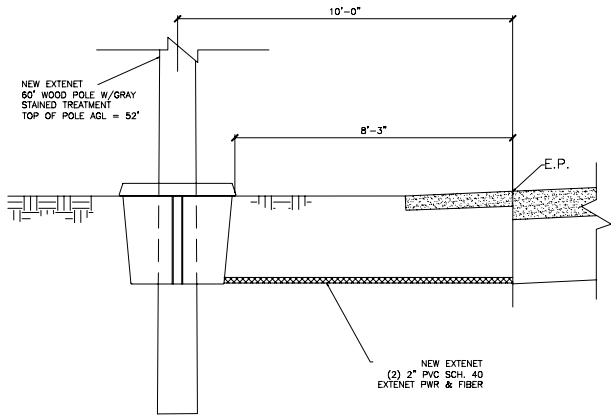
DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A3 3



TYP. HIGHWAY CROSS SECTION

SCALE: 3/8"=1'-0" 9



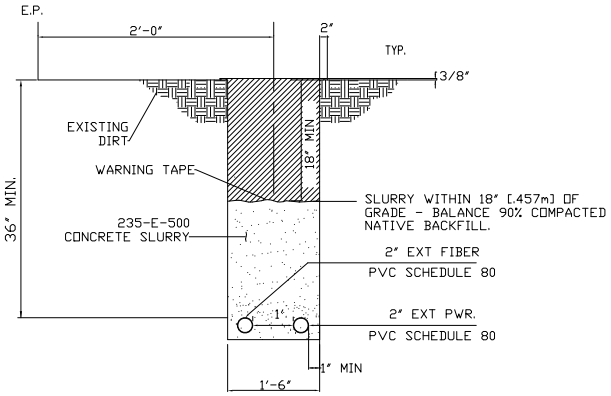
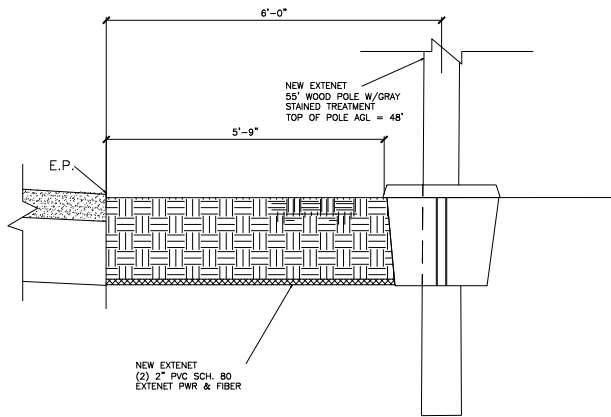
NOT USED

SCALE: NONE 12

EXTENET SERVICE POLE CROSS SECTION

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

NOT USED



NOT USED

SCALE: NONE 11

EXTENET NODE POLE CROSS SECTION

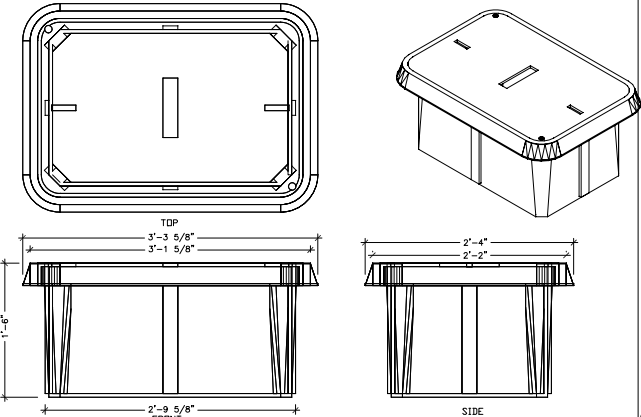
SCALE: 3/8"=1'-0" 7

TRENCH DETAIL

SCALE: 1"=1'-0" 5

17" X 30" HANDHOLE

SCALE: 1"=1'-0" 2



NOT USED

SCALE: NONE 10

NOT USED

SCALE: NONE 6

NOT USED

SCALE: NONE 4

2' X 3' HAND HOLE

SCALE: 1"=1'-0" 1

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LISLE, IL 60532
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REV.	DATE	DESCRIPTION
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CURRENT ISSUE DATE:

04/26/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

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FAX: (909) 992-3113
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LICENSURE:

SITE NO.:

HWY8435-001A

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 1
14040 SKYLINE BLVD (SOUTHEAST OF)
WOODSIDE, CA 94062

SHEET TITLE:

UNDERGROUND DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A4 3



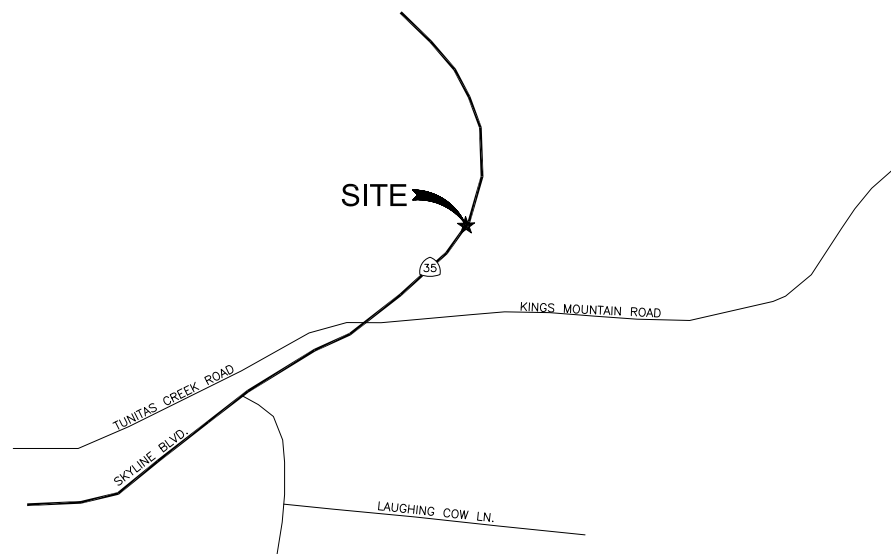
HWY 35 - PROJECT

HWY8435 - 002A

POST MILE MARKER 16.26

14442 SKYLINE BLVD.

WOODSIDE, CA 94062



VICINITY MAP



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.42665
LONG: -122.31097

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

SHEET INDEX	
SHEET	DESCRIPTION
T1	TITLE SHEET
T2	GENERAL CONSTRUCTION NOTE & ANTENNA CABLE SCHEDULE
A1	SITE PLAN
A1.2	PLAN AND PROFILE
A2	UTILITY POLE ELEVATIONS/RISER DETAILS
A3	AERIAL DETAILS
A4	UNDERGROUND DETAILS

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REV.	DATE	DESCRIPTION
3	04/26/10	REVISION PER CALTRANS COMMENTS
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CURRENT ISSUE DATE:

04/26/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

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FAX: (909) 992-3113
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SITE NO.:

HWY8435-002A

SITE NAME & ADDRESS:











































HIGHWAY 84/35 NETWORK NODE 2

14442 SKYLINE BLVD (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:

TITLE SHEET

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T1	3

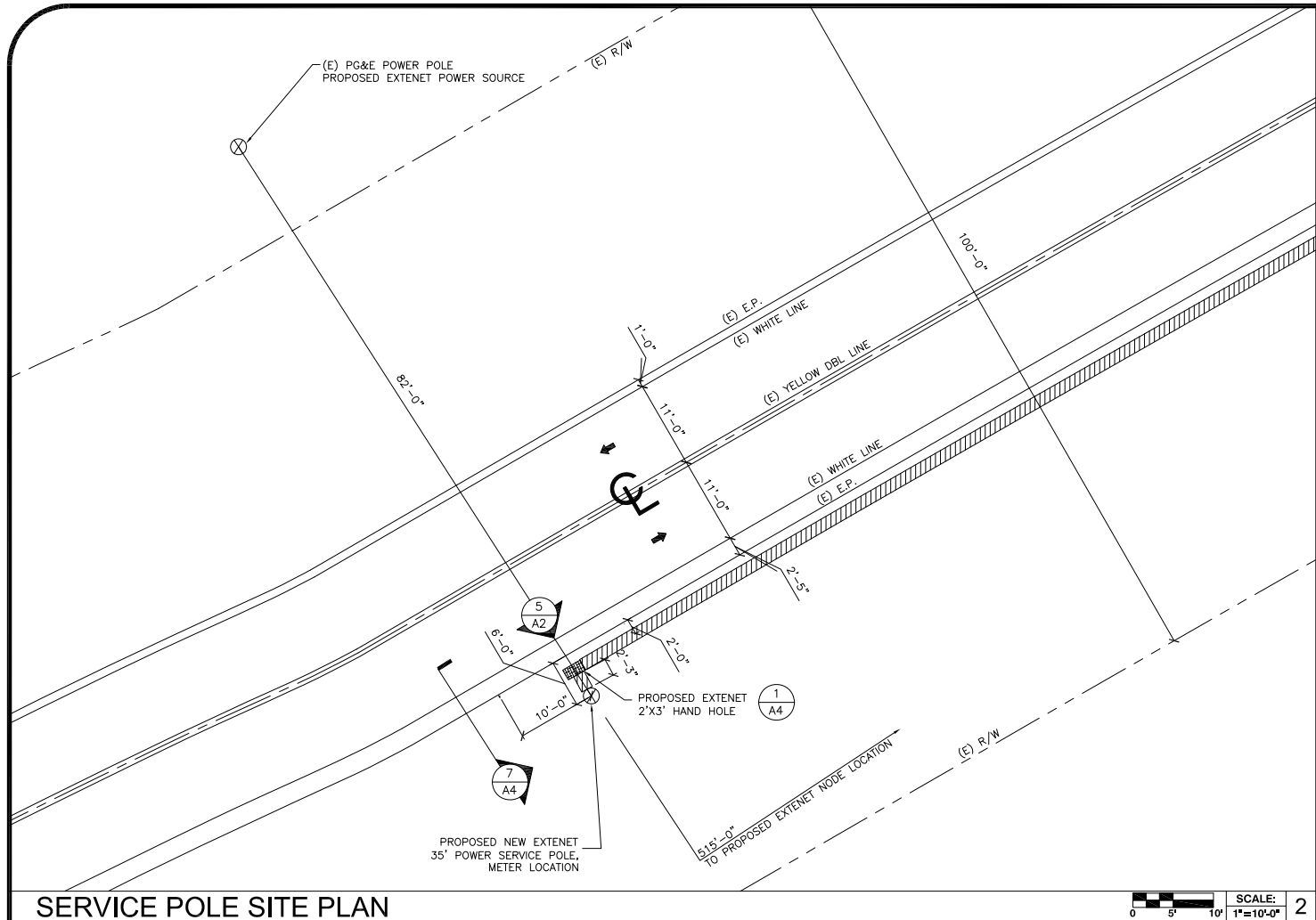
A.B. ABV. AFF AGL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BM B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(") FTG GA GI G.F.I. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB IN(") INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADOWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL (N) NO.(#) N.T.S. O.C. OPNG P/C PCS PLYWD(PLY) PPC PRC PSF PSI P.T.D.F. PWR RAD(R) REF REIN REQ'D RGS SCH SHT SIM. SPEC SQ S.S. STD STL STRUC THK T.N. T.O.A. T.O.C. T.O.F. T.O.P. T.O.S. T.O.W. TYP UG UL U.N.O. V.I.F. W W/ W/D	MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		
ABBREVIATION AND LEGEND			
4	ROW CONSTRUCTION GENERAL NOTES		4

GENERAL NOTES
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
2. IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
4. IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
5. CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
6. THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
7. MANHOLES OR COVERS SHALL BE LABELED EXTENET.
8. CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
9. THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.
USA North of Central/Northern California and Nevada
Call Before You Dig! 1-800-227-2600
GENERAL NOTES
ROW GROUND CONSTRUCTION NOTES:
1. 120/240 POWER REQUIRED FOR 3-WIRE SERVICE. 2. GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE. 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS. 4. CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133. 5. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER. 6. ALL EQUIPMENT TO BE BONDED. 7. METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING. 8. CAULK CABINET BASE AT PAD.
STANDARD GROUNDING NOTES:
1. GROUND TESTED AT 5 OHMS OR LESS. 2. 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE 3. #6 GROUND AND BOND WIRE. 4. WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END 5. GROUNDS 3'[914M] FROM POLE. 6. PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.
STANDARD CONDUIT NOTES:
1. FOR UNDERGROUND USE SCHEDULE 40. 2. FOR RISERS USE SCHEDULE 80. 3. PLACE 2"[051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3"[076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80. 4. CONVERT 4"[102M] CARRIER CONDUIT TO 3"[076M] AT BASE OF POLE. 5. GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3"[076M] SCH. 80 TO 2"[051M] SCH. 80 FROM TOP OF STUB UP. 6. ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8"[010M] PULL ROPE.
STANDARD TRENCHING NOTES:
1. MAINTAIN 40"[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT. 2. MAINTAIN 30"[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT. 3. SAND SHADING MINIMUM 1"[.025M] UNDER CONDUITS, AND 6"[152M] COVERING ON TOP REQUIRED. 4. ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED. 5. IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2"[.038M] FOR AC CAP. 6. IN DIRT SLURRY 18"[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE. 7. PLACE WARNING TAPE IN TRENCH 12"[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.
GENERAL NOTES

SPECIAL NOTES
1. INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
2. PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
3. ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
4. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
5. THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
6. THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
7. THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
8. THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
9. ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
10. ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
12. VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
13. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
14. CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
15. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.
SPECIAL NOTES

EROSION AND SEDIMENT CONTROL NOTES
TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:
1. ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCCP).
2. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
3. FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
4. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
5. THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
6. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
7. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
8. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
9. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
11. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
12. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
13. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
14. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
15. THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.
EROSION AND SEDIMENT CONTROL NOTES

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REV.	DATE	DESCRIPTION
3	04/26/10	REVISION PER CALTRANS COMMENTS
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE
CURRENT ISSUE DATE:		
04/26/10		
PLANS PREPARED BY:		
 Maximize Comm. Group, Inc.		
1351 POMONA ROAD SUITE 100 CORONA, CA 92882 OFFICE: (909) 786-2170 FAX: (909) 992-3113 <small>Copyright © 2007 by Maximize Communication Group, Inc.</small>		
LICENSEURE:		
SITE NO.:		
HWY8435-002A		
SITE NAME & ADDRESS:		
HIGHWAY 84/35 NETWORK NODE 2		
14442 SKYLINE BLVD (ACROSS STREET) WOODSIDE, CA 94062		
SHEET TITLE:		
GENERAL NOTES & SCHEDULES		
DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	3
1		



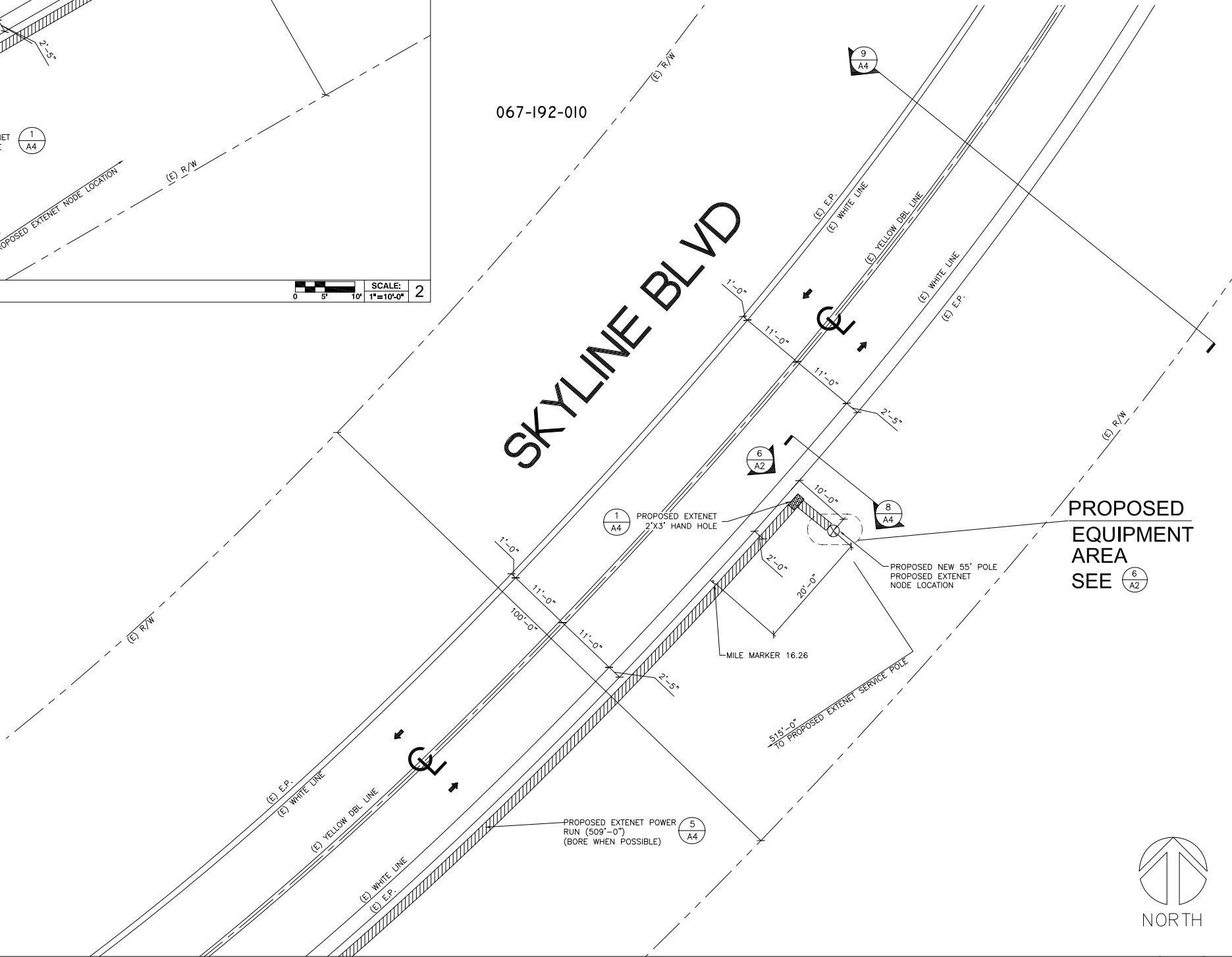
SERVICE POLE SITE PLAN

SCALE: 1"=10'-0" 2



Call Before you Dig! 1-800-227-2600

NODE POLE SITE PLAN



SCALE: 1"=10'-0" 1

CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

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LICENSURE:

SITE NO.:
HWY8435-002A

SITE NAME & ADDRESS:
HIGHWAY 84/35 NETWORK NODE 2
14442 SKYLINE BLVD (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:
SITE PLAN

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A1 3

CONSTRUCTION WARNING:
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USA North
of Central/Northern California and Nevada

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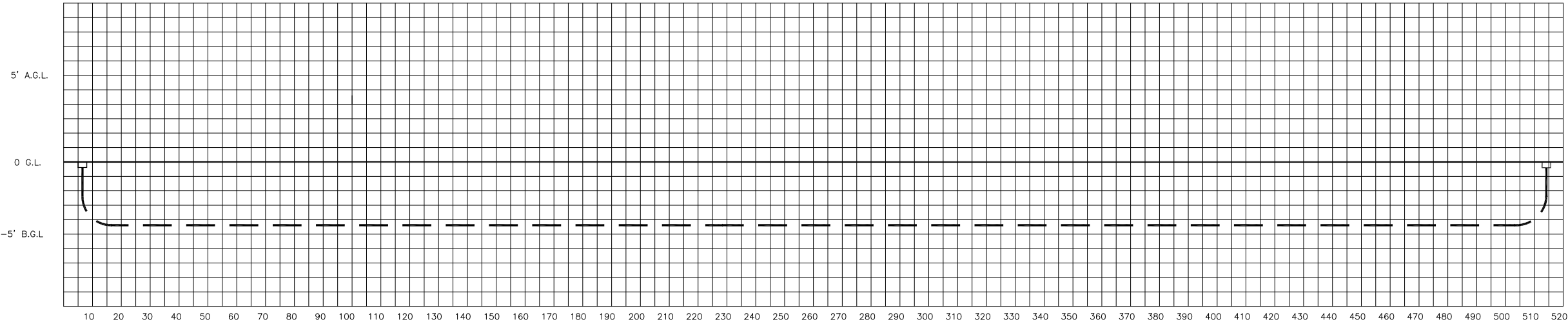
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EXTENET NEW FACILITIES PROFILE

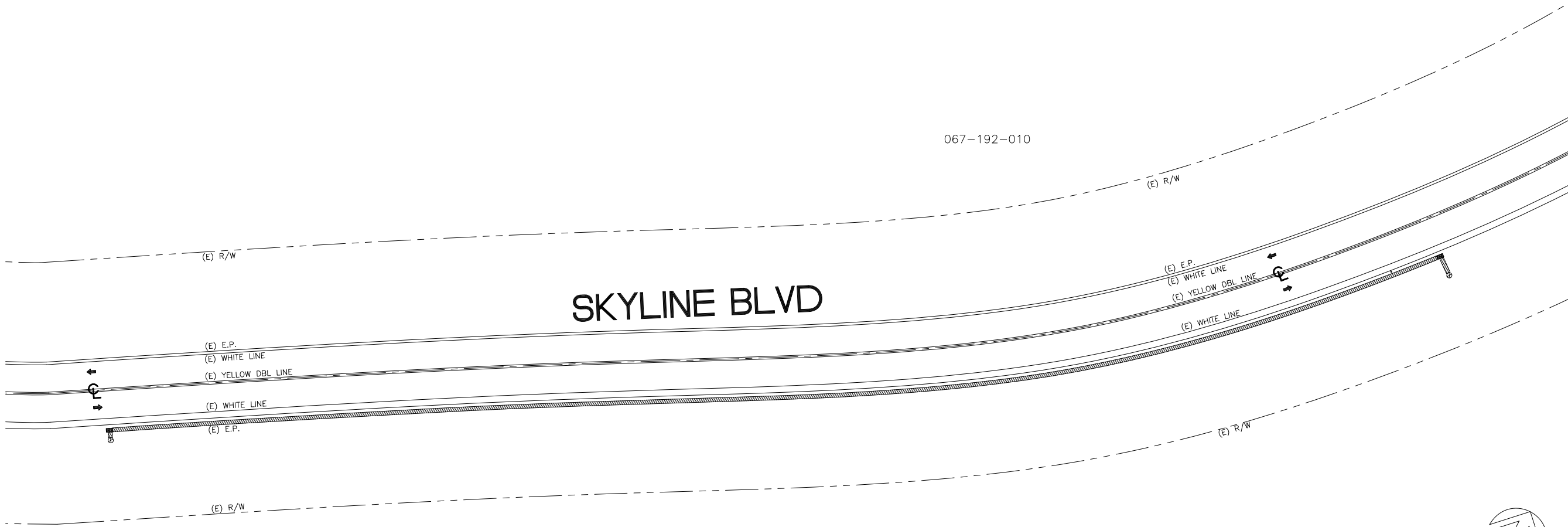
LEGEND

TRENCH - - - - -

Call Before you Dig! 1-800-227-2600



SKYLINE BLVD



CURRENT ISSUE DATE:

04/ 26/ 10

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SITE NAME & ADDRESS:

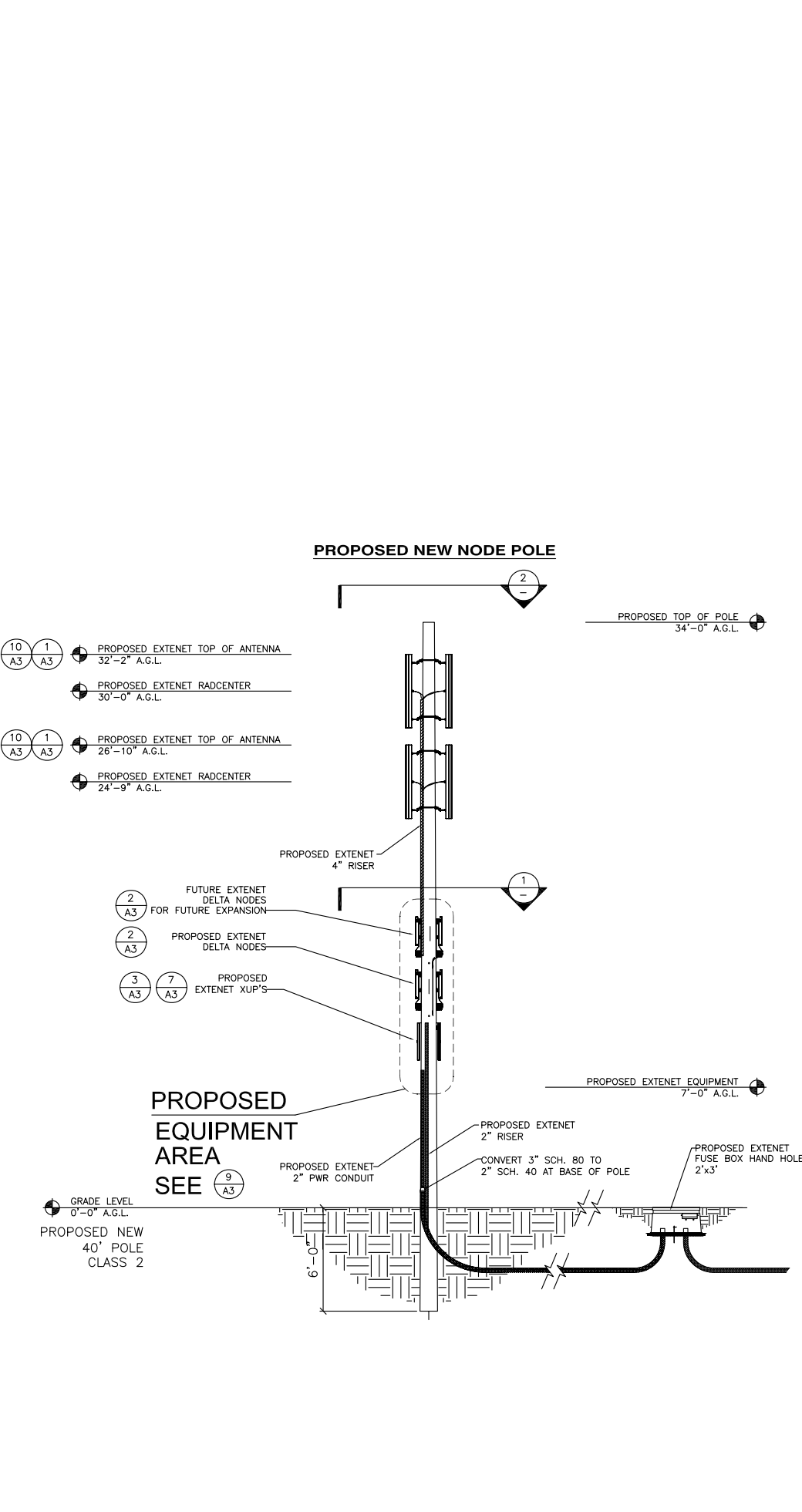
HIGHWAY 84/ 35 NETWORK NODE 2
14442 SKYLINE BLVD (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:

PLAN AND PROFILE

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

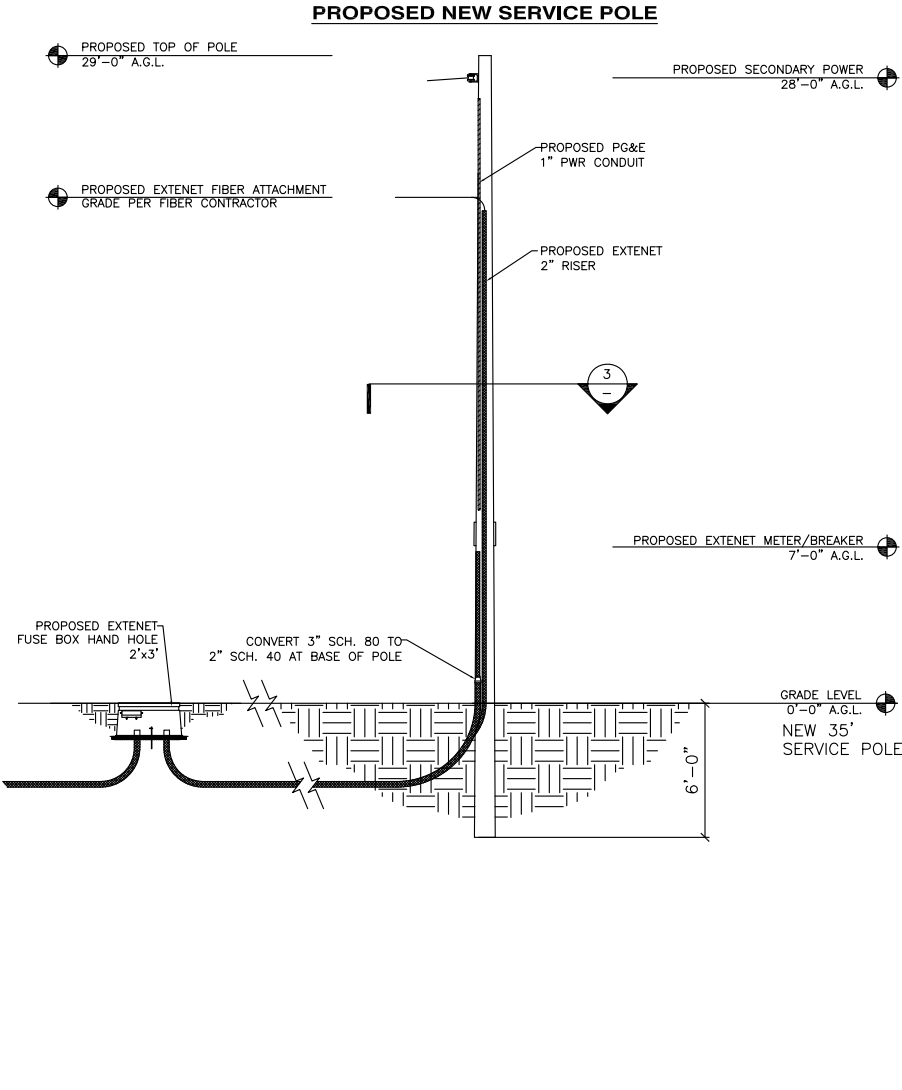
A1.2 3



EXTENET MAKE-READY

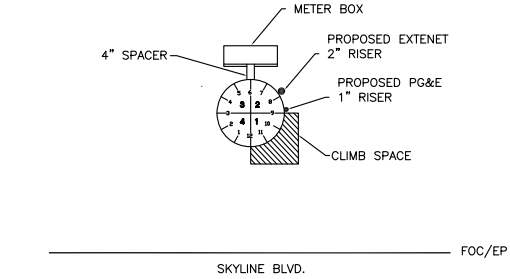
1. INSTALL NEW 40' CLASS 2 NODE POLE IN ROW (SEE SITE PLAN FOR LOCATION)
2. INSTALL NEW 35' CLASS 3 SERVICE POLE IN ROW. METER TO BE SET ON SERVICE POLE(SEE SITE PLAN FOR LOCATION)
3. FLUSH MOUNT TOP OF ANTENNA AT 32'-2" GRADE, (2) 51" PANEL ANT. (KATHREIN 840 21410)
4. FLUSH MOUNT TOP OF ANTENNA AT 26'-10" GRADE, (2) 51" PANEL ANT. (KATHREIN 840 21410)
5. INSTALL EXTENET NODE EQUIPMENT TO STAND-OFF BRACKET (4" OFF OF POLE) AT THE 3:00 POSITION (BETWEEN QUAD. 3-4)
6. INSTALL METER TO STAND-OFF BRACKET (4" OFF OF THE POLE) TO SERVICE POLE AT 6:00 POSITION.(BETWEEN QUAD 3-4)
7. INSTALL 4" EXT CONDUIT AT 2:00 POSITION.
8. INSTALL 2" EXT CONDUIT AT 7:50 ON SERVICE POLE.
9. INSTALL 2" EXT PWR CONDUIT AT 1:00 ON NODE POLE.
10. INSTALL 2" EXT FIBER CONDUIT AT 12:00 ON NODE POLE.
11. STRING IN EXTENET FIBER AND ATTACH PER FIBER CONTRACTOR GRADE.

MAKE-READY NOTES



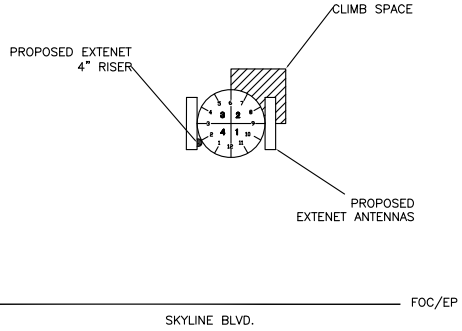
POWER MAKE-READY

1. PG&E TO STRING IN SECONDARY POWER TO EXTENET SERVICE POLE IN ROW APPROX 82' SW OF PG&E POLE LOCATION. (SEE SITE PLAN FOR LOCATION)
2. INSTALL 1" PG&E CONDUIT AT 8:50 POSITION (WITH WEATHER HEAD) ON SERVICE POLE.
3. PROVIDE 120/240 3-WIRE SINGLE PHASE, 100 AMP SERVICE TO 1" PG&E CONDUIT TO EXTENET METER BOX FROM SECONDARY.



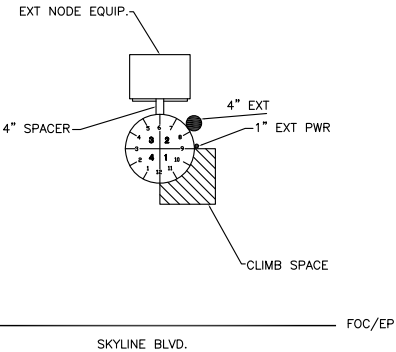
POWER SPACE PLAN VIEW

SCALE: NONE 3



COMMUNICATION SPACE PLAN VIEW

SCALE: NONE 2



EQUIP. SPACE PLAN VIEW

SCALE: NONE 1

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LICENSURE:

SITE NO.:

HWY8435-002A

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 2
14442 SKYLINE BLVD (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A2 **3**

NOT USED

SCALE:
NONE

14

NOT USED

SCALE:
NONE

13

EXTENET ANTENNA ATTACHMENT

SCALE:
1"=1'-4"

10

SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB

SCALE:
1"=1'

8

MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

SCALE:
1"=1'

4

1
—
PROPOSED EXTENET
KATHREIN ANTENNA
840-21410

PROPOSED EXTENET
4" SCH. 40 PVC CONDUIT

1
—
PROPOSED EXTENET
KATHREIN ANTENNA
840-21410

PROPOSED EXTENET 4" COAX SCH. 40 PVC CONDUIT

2
—
FUTURE EXTENET
DELTA NODES FOR
FUTURE EXPANSION

5
—
PROPOSED EXTENET
DELTA NODE
MOUNTING BRACKET

2
—
PROPOSED EXTENET
DELTA NODE
DDR206

3
—
PROPOSED EXTENET
BATTERY BACK-UP
XUP-1000-7070

7
—
PROPOSED EXT. PWR 2" SCH. 40 PVC CONDUIT

PROPOSED PG&E PWR 1" SCH. 80 PVC CONDUIT

PROPOSED PG&E PWR 1" SCH. 80 PVC CONDUIT

4
—
PROPOSED EXTENET
MILBANK METER BOX
U7490-RL

8
—
PROPOSED EXTENET
SQUARE D ENCLOSED
CIRCUIT BREAKER
Q02100BNRB

PROPOSED EXT. PWR 2" SCH. 40 PVC CONDUIT

METER QUIPMENT CONFIGURATION

SCALE:
1"=1'-4"

11

EXTENET EQUIPMENT CONFIGURATION

SCALE:
1"=1'-4"

9

DELTA NODE MOUNTING BRACKET

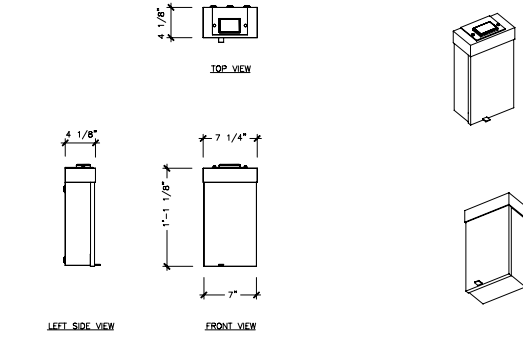
SCALE:
1"=1'

5

KATHREIN ANTENNA 840-21410

SCALE:
1/2"=1'

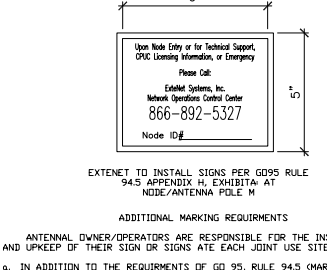
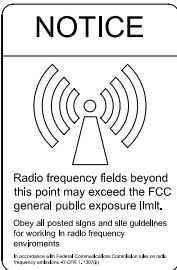
1



SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB

SCALE:
1"=1'

8



EXTENET TO INSTALL SIGNS PER GO 95 RULE 94.5 APPENDIX H, EXHIBIT A AT NODE/ANTENNA POLE M

ADDITIONAL MARKING REQUIREMENTS

ANTENNA OWNER/OPERATORS ARE RESPONSIBLE FOR THE INSTALLATION AND UPKEEP OF THEIR SIGN OR SIGNS AT EACH JOINT USE SITE.

a. IN ADDITION TO THE REQUIREMENTS OF GO 95, RULE 94.5, (MARKING), AT A MINIMUM, EACH ANTENNA OWNER/OPERATOR WILL ALSO AFFIX A SIGN THAT:

a.a. IDENTIFIES THE APPLICABLE FCC EXPOSURE CATEGORY (GENERAL POPULATION/UNCONTROLLED OR OCCUPATIONAL/CONTROLLED)

a.b. IDENTIFIES THE FCC'S RECOMMENDED MINIMUM APPROACH DISTANCE AS SET FORTH IN 47 C.F.R., AND

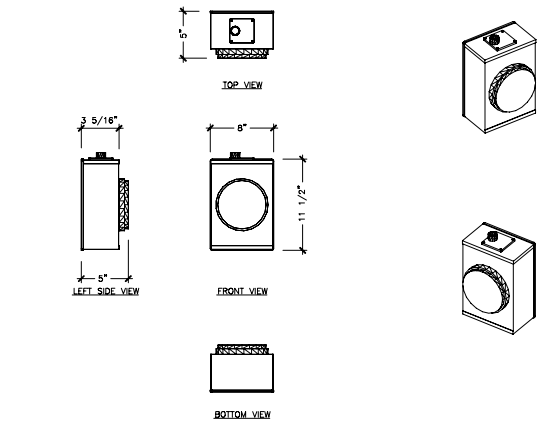
a.c. IS OF WEATHER AND CORROSION RESISTANT MATERIAL.

b. THE ANTENNA OWNER/OPERATOR WILL PLACE THE SIGN SO THAT IT IS CLEARLY VISIBLE TO WORKERS WHO OTHERWISE CLIMB THE POLE OR ASCEND BY MECHANICAL MEANS AND AFFIX SAID SIGN:

b.a. NO LESS THAN THREE (3) FEET BELOW THE ANTENNA (MEASURED FROM THE TOP OF THE SIGN) AND

b.b. NO LESS THAN NINE(9) FEET ABOVE THE GROUND LINE (MEASURED FROM THE BOTTOM OF THE SIGN)

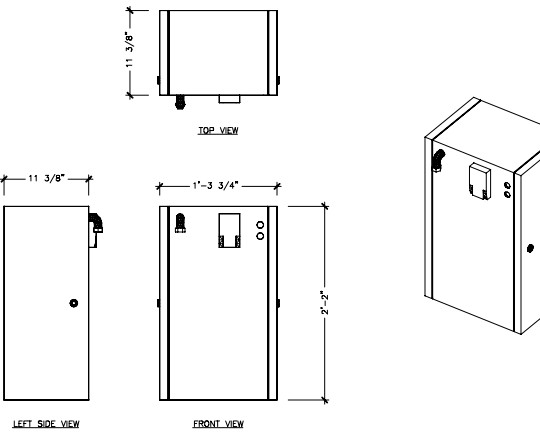
c. THE ANTENNA OWNER/OPERATOR MAY INSTALL A SINGLE SIGN THAT CONTAINS THE INFORMATION REQUIRED BY GO 95, RULE 94 AND SECTION(A) ABOVE, OR SEPARATE SIGNS. IN THE EVENT ONE OR MORE ANTENNAS ARE AFFIXED TO A POLE, EACH ANTENNA OWNER/OPERATOR SHALL PROVIDE A SIGN WITH SUFFICIENT INFORMATION TO ALLOW WORKERS TO IDENTIFY ITS ANTENNAS.



MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

SCALE:
1"=1'

4



BATTERY BACK-UP XUPs 1000-7070

SCALE:
1"=1'

3

EXTENET ANTENNA ATTACHMENT

SCALE:
1"=1'-4"

10

REQUIRED GO95 SIGNAGE

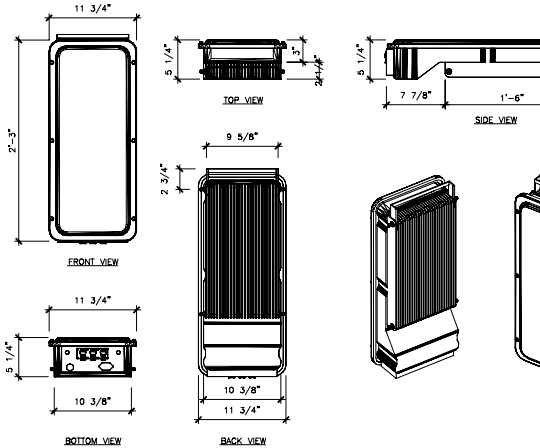
SCALE:
NONE

7

BATTERY BACK-UP XUPs 1000-7070

SCALE:
1"=1'

3



DELTA NODE DDR206

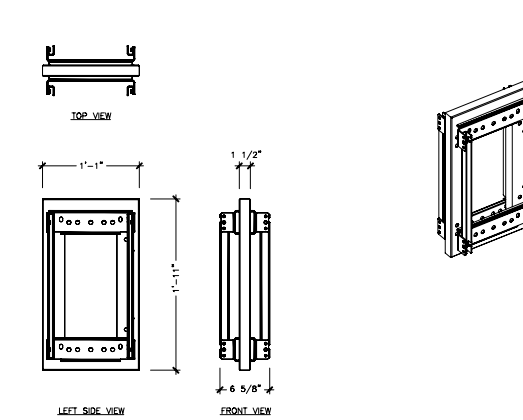
SCALE:
1"=1'

2

NOT USED

SCALE:
NONE

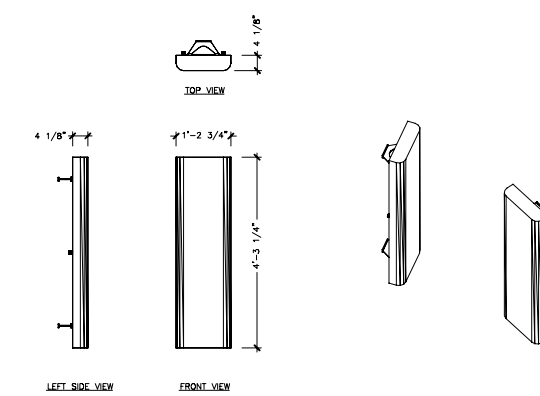
6



DELTA NODE MOUNTING BRACKET

SCALE:
1"=1'

5



KATHREIN ANTENNA 840-21410

SCALE:
1/2"=1'

1

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SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 2

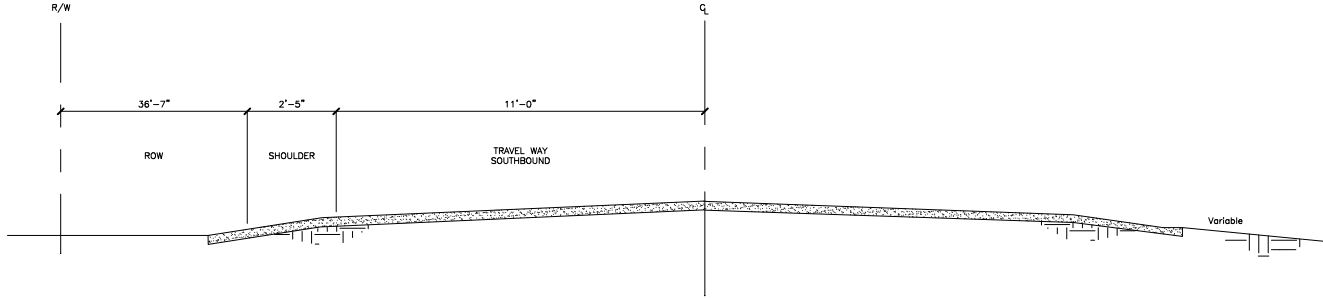
14442 SKYLINE BLVD (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:

AERIAL DETAILS

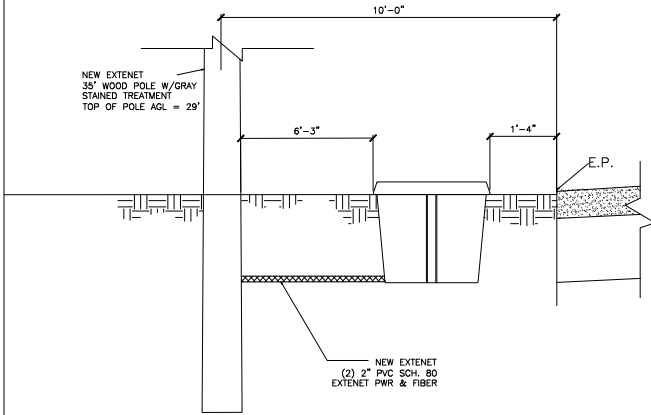
DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A3 3



TYP. HIGHWAY CROSS SECTION

SCALE:
3/8"=1'-0" 9



NOT USED

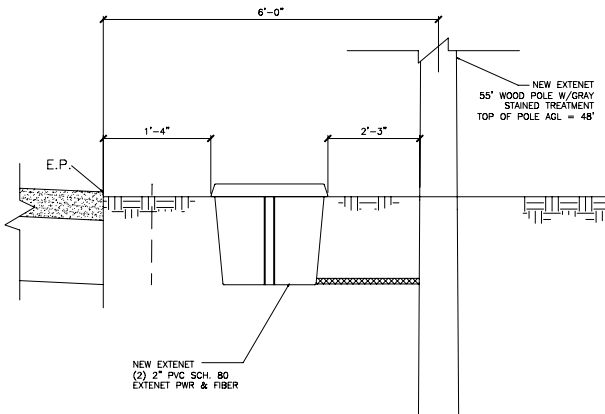
SCALE:
NONE 12

EXTENET FACILITY CROSS SECTION

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

NOT USED

SCALE:
NONE 3



NOT USED

SCALE:
NONE 11

EXTENET FACILITY CROSS SECTION

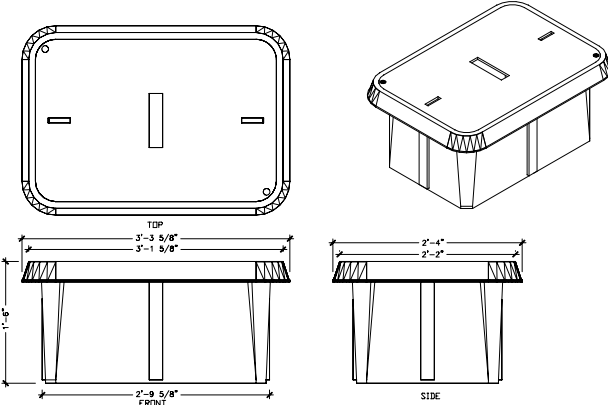
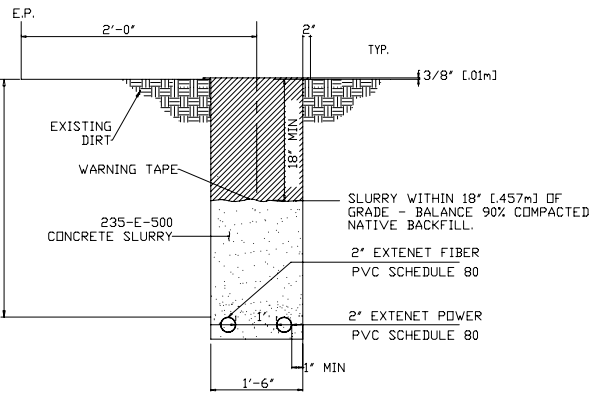
SCALE:
3/8"=1'-0" 7

TRENCH DETAIL

SCALE:
1"=1'-0" 5

NOT USED

SCALE:
1"=1'-0" 2



NOT USED

SCALE:
NONE 10

NOT USED

SCALE:
NONE 6

NOT USED

SCALE:
NONE 4

2' X 3' HAND HOLE

SCALE:
1"=1'-0" 1

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LICENSURE:

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SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 2

14442 SKYLINE BLVD (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:

UNDERGROUND DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
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A4 3



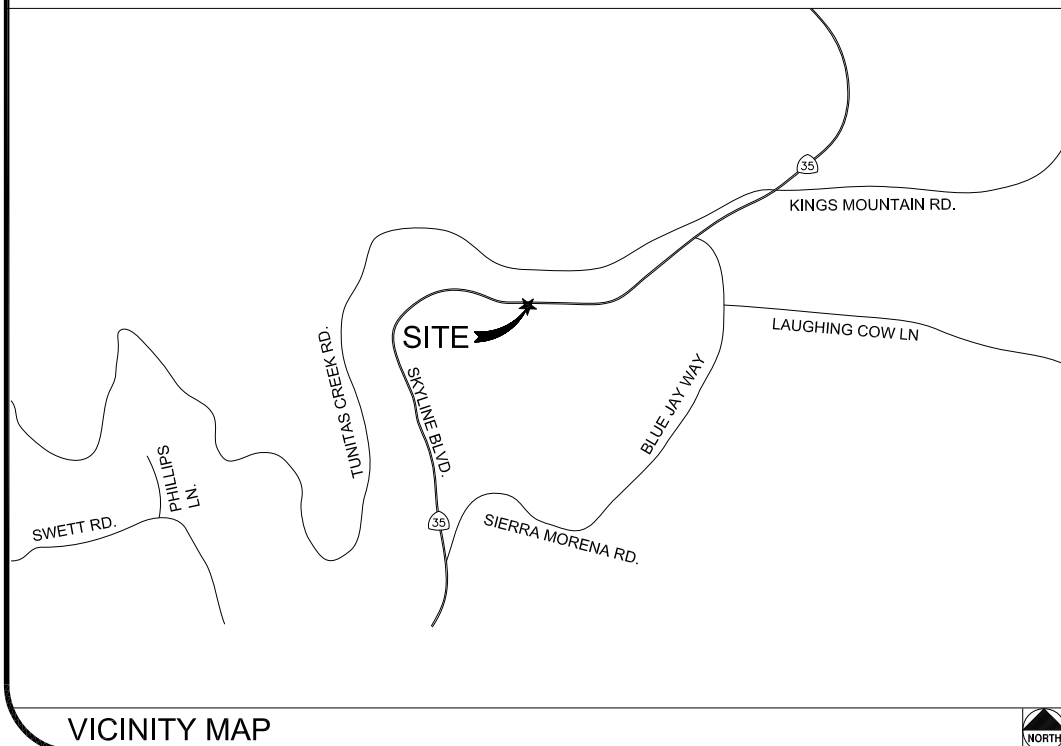
HWY 35- PROJECT

HWY8435 - 003A

POST MILE MARKER 15.91

14600 SKYLINE BLVD. (ACROSS STREET)

WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.42378
LONG: -122.31771

[illegible]

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REV.	DATE	DESCRIPTION
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113

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LICENSURE:

SITE NO.:

HWY8435-003A

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 003A

14600 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

TITLE SHEET

DRAWN BY:
MG


















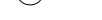









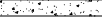

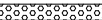

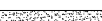



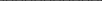






CHECKED BY:
AF

APPROVED BY:
KM

SHEET NUMBER:

REVISION:

2: T1	REVISION: 2
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A.B. ABV. AFF AGL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BM B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FDM F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(') FTG GA GI G.F.I. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB IN(') INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD	MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-WD VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUPS 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2"[.051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3'[.076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4"[.102M] CARRIER CONDUIT TO 3"[.076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3"[.076M] SCH. 80 TO 2"[.051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8"[.010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40"[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30"[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1"[.025M] UNDER CONDUITS, AND 6"[.152M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2"[.038M] FOR AC CAP.
- IN DIRT SLURRY 18"[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12"[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDTIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2"[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CALL USA NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90' SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2"[.051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6'[1.83M] FROM TRANSMIT ANTENNA, WHICH IS 24'[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2"[.013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION	
1ST ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	45'-4"
BOTTOM GRADE	41'-0"
2ND ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	38'-0"
BOTTOM GRADE	33'-8"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4'9"
EXT. RISER LENGTH	13'-11"
EXT. RISER BTM GRADE	15'-8"
PWR RISER SIZE	1'9"
PWR RISER LENGTH	28'-4"
PWR RISER BTM GRADE	8'-7"

3

LOADING AND ANTENNA CABLE SCHEDULES

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

ANTENNA & CABLE SCHEDULE					
ANTENNA SECTOR	AZIMUTH	ANTENNA MAKE / MODEL	COAXIAL CABLE LENGTH	CABLES PER SECTOR	CABLE SIZE
SECTOR ALPHA	87°	KATHREIN 840 21410	32'-11"	2	1/2"
SECTOR BETA	267°	KATHREIN 840 21410	32'-11"	2	1/2"
SECTOR GAMMA					
NOTE: CONTRACTOR TO FIELD VERIFY CABLE LENGTHS PRIOR TO ORDERING, FABRICATION, OR INSTALLATION OF CABLES.					

extenetSM
SYSTEMS

3030 WARRENVILLE RD.
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LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



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LICENSURE:

SITE NO.:

HWY8435-003A

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 003A

14600 SKYLINE BLVD.
WOODSIDE, CA 94062

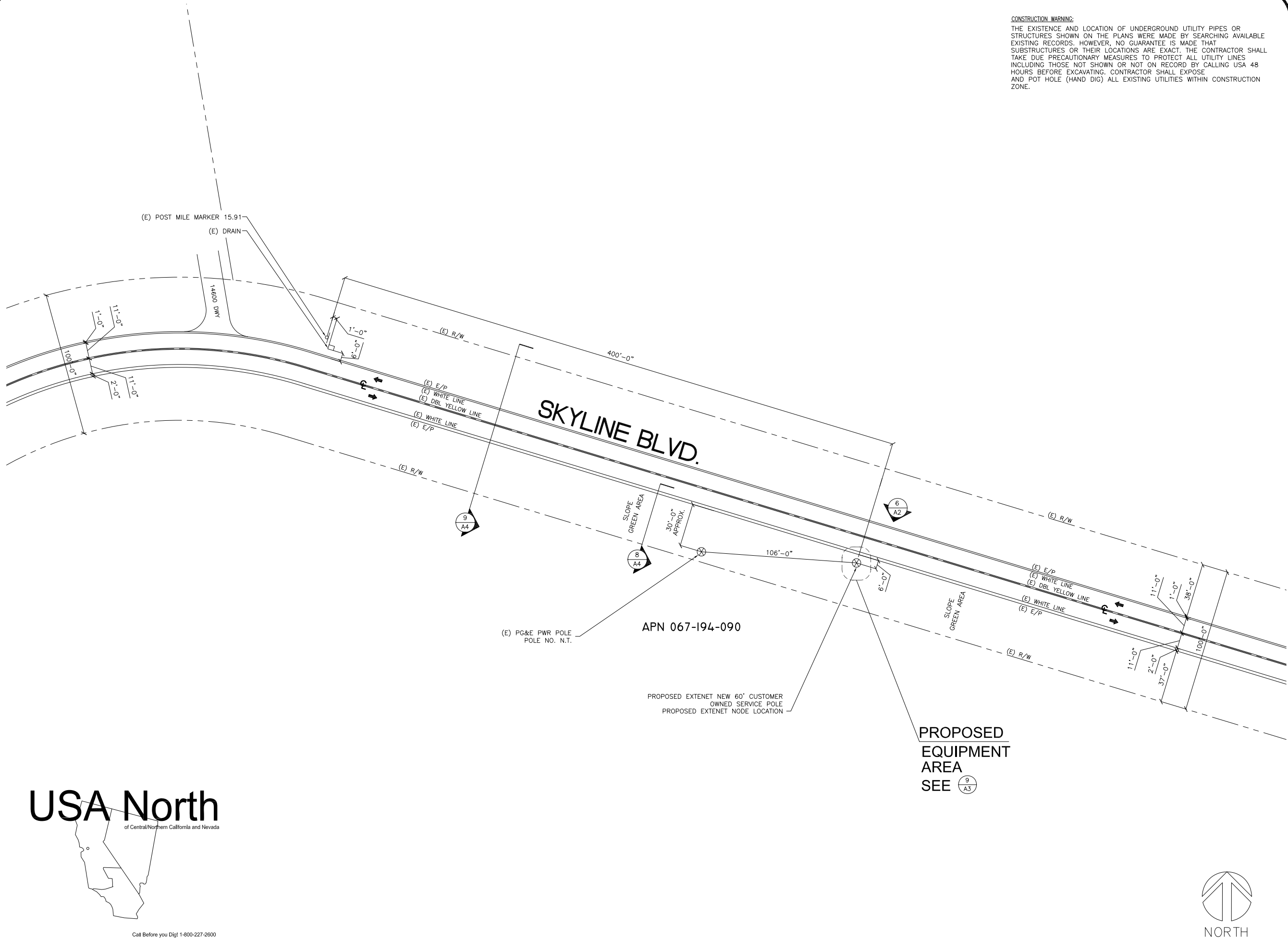
SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	REVISION: 2

2

1



CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:
02/08/10

PLANS PREPARED BY:

Maximize Comm. Group, Inc.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113
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LICENSURE:

SITE NO.:
HWY8435-003A
SITE NAME & ADDRESS:
HIGHWAY 84/35 NETWORK NODE 003A
14600 SKYLINE BLVD,
WOODSIDE, CA 94062

SHEET TITLE:
SITE PLAN

DRAWN BY:
MG

CHECKED BY:
AF

APPROVED BY:
KM

SHEET NUMBER:
A1

REVISION:
2

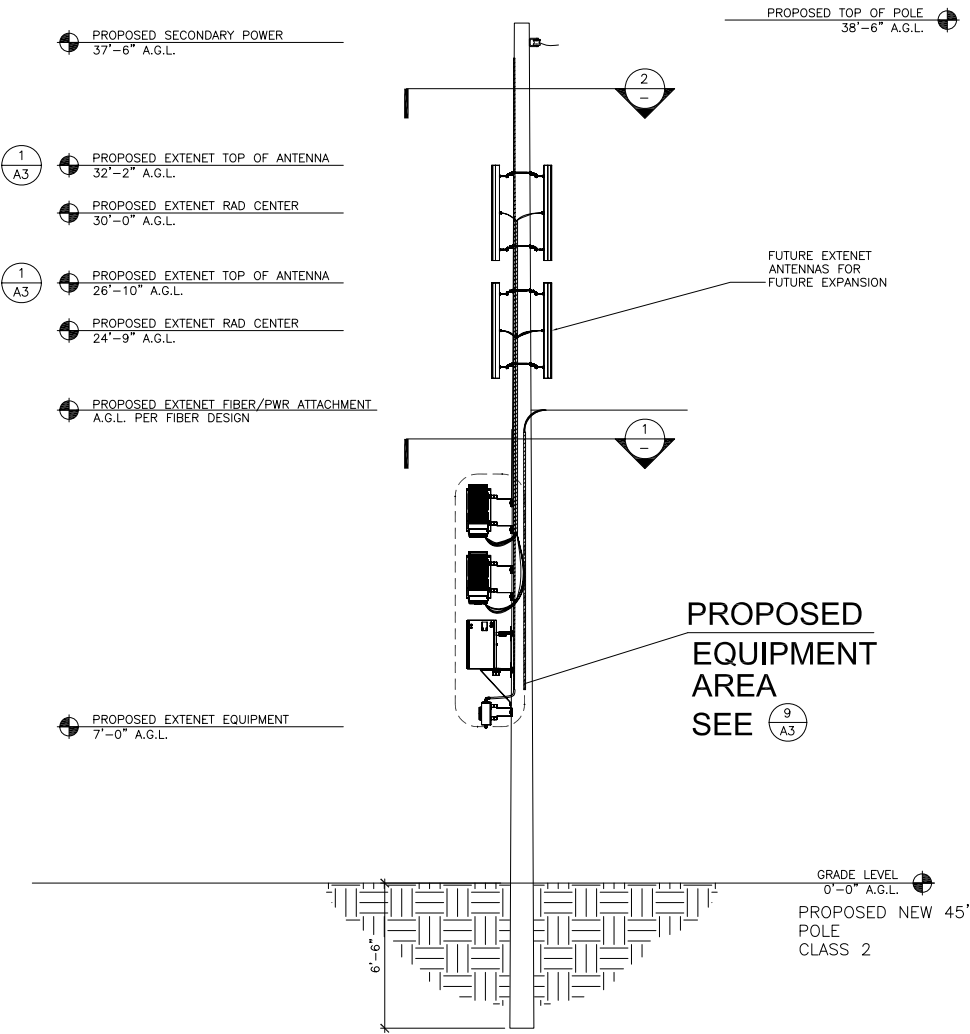
USA North

of Central/Northern California and Nevada

Call Before you Dig! 1-800-227-2600



PROPOSED CUSTOMER OWNED SERVICE POLE



EXTENET MAKE-READY

1. INSTALL NEW 45' CLASS 2 NODE POLE IN ROW (SEE SITE PLAN FOR LOCATION) POLE IS CUSTOMER OWNED POLE.
2. FLUSH MOUNT TOP OF ANTENNA AT 32'-2" GRADE, (2) 51" PANEL ANT. (KATHREIN 742 222)
3. FLUSH MOUNT (2ND) TOP OF ANTENNA AT 26'-10" (2) 51' PANEL ANTENNA (KATHREIN 840 21410) (FUTURE)
4. INSTALL EXTENET NODE EQUIPMENT AND METER/BREAKER TO STAND-OFF BRACKET (4" OFF OF POLE) AT THE 3:00 POSITION (BETWEEN QUAD. 3-4)
5. INSTALL 4" EXT CONDUIT AT 2:00 POSITION
6. STRING IN EXTENET FIBER AND ATTACH PER FIBER DESIGN.

POWER MAKE-READY

1. PG&E TO STRING IN SECONDARY POWER AT 51'-0" GRADE TO EXTENET NODE POLE IN ROW APPROX 106' EAST OF PG&E POLE LOCATION. (SEE SITE PLAN FOR LOCATION)
2. INSTALL 1" PG&E SCH. 80 CONDUIT AT 1:00 (QUAD 4) POSITION (WITH WEATHER HEAD)
3. PROVIDE 120/240 3-WIRE SINGLE PHASE, 100 AMP SERVICE TO 1" PG&E CONDUIT TO EXTENET METER BOX FROM SECONDARY AT 51'-0" GRADE.

MAKE-READY NOTES



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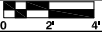
SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A22

PROPOSED ELEVATION NORTH



SCALE:
1/4"=1'-0"

6

NOT USED

SCALE:
NONE

5

EQUIP. SPACE PLAN VIEW

SCALE:
NONE

1

NOT USED

SCALE: NONE14

NOT USED

SCALE: NONE13

NOT USED

SCALE: NONE12

NOT USED

SCALE: NONE11

EXTENET ANTENNA ATTACHMENT

SCALE: 1"=1'-4"10

EXTENET EQUIPMENT CONFIGURATION

SCALE: 1"=1'-4"9

NOT USED

SCALE: NONE8

REQUIRED GO95 SIGNAGE

SCALE: NONE7

SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB

SCALE: 1"=1'6

DELTA NODE MOUNTING BRACKET

SCALE: 1"=1'5

MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

SCALE: 1"=1'4

BATTERY BACK-UP XUPs 1000-7070

SCALE: 1"=1'3

DELTA NODE DDR206

SCALE: 1"=1'2

KATHREIN ANTENNA 840-21410

SCALE: 1/2"=1'1

extenetSM SYSTEMS

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WOODSIDE, CA 94062

SHEET TITLE:

AERIAL DETAILS

DRAWN BY: MG

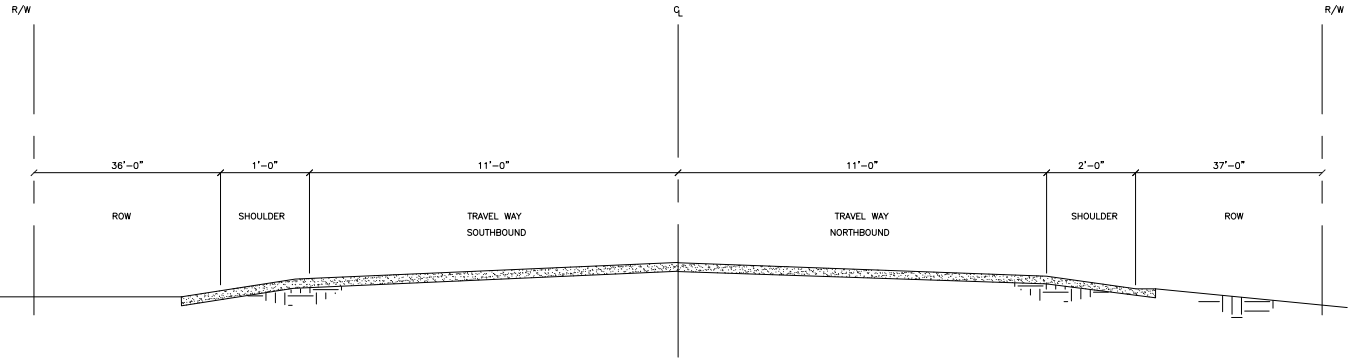
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A3

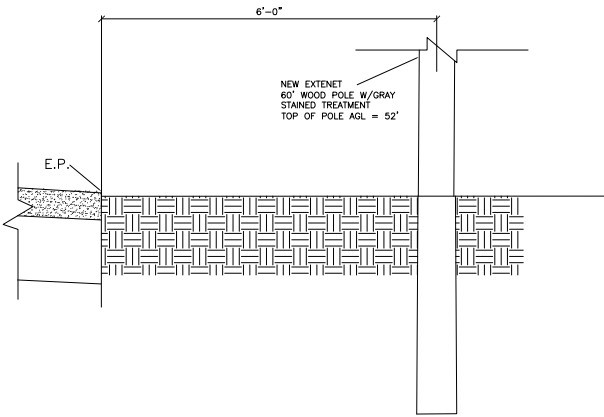
2



TYP. HIGHWAY CROSS SECTION

SCALE:
1"=1'

9



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

8

extenetSM

SYSTEMS

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LICENSURE:

SITE NO.:

HWY8435-003A

SITE NAME & ADDRESS:

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SHEET TITLE:

UNDERGROUND DETAILS

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A4

2

NOT USED

SCALE:
NONE

12

EXTENET NODE POLE CROSS SECTION

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

8

NOT USED

SCALE:
NONE

3

NOT USED

SCALE:
1"=1'

11

NOT USED

SCALE:
1"=1'

7

NOT USED

SCALE:
1"=1'

5

NOT USED

SCALE:
1"=1'

2

NOT USED

SCALE:
NONE

10

NOT USED

SCALE:
NTS

6

NOT USED

SCALE:
NTS

4

NOT USED

SCALE:
NTS

1



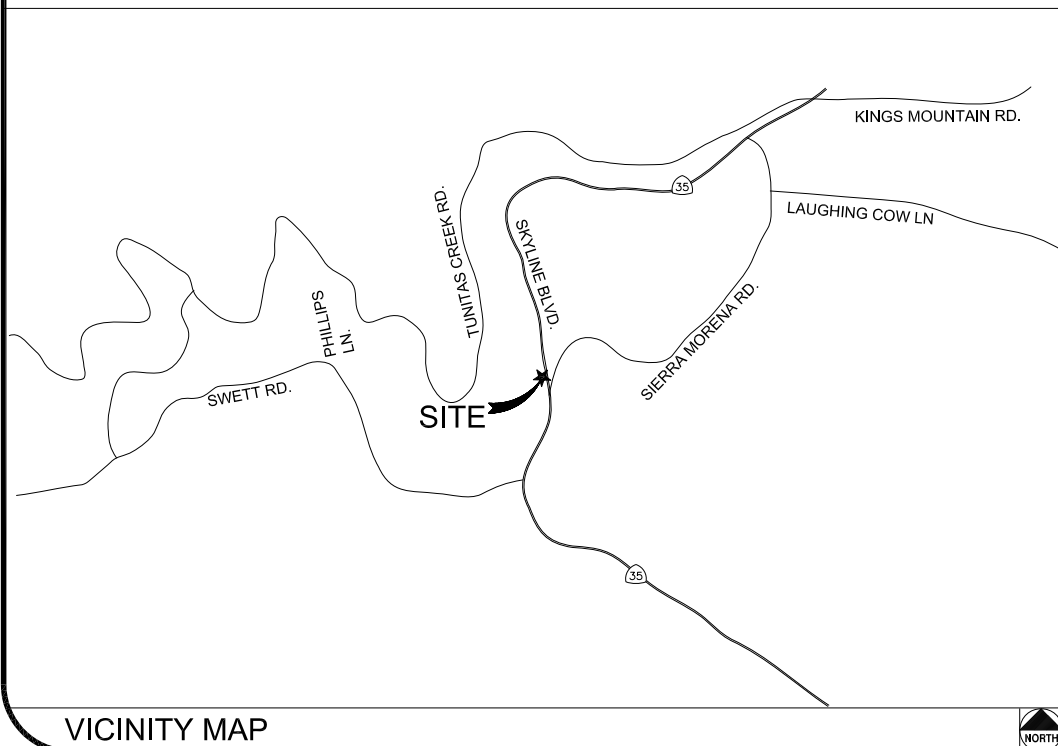
HWY 35 - PROJECT

HWY8435 - 004A

POST MILE MARKER 15.52

14730 SKYLINE BLVD.

WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.42031
LONG: -122.31886

[illegible]

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REV.	DATE	DESCRIPTION
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2/08/10

PLANS PREPARED BY:



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SHEET TITLE:

TITLE SHEET

DRAWN BY:
MG











































CHECKED BY:
AF

APPROVED BY:
KM

SHEET NUMBER: 1

REVISION:

T1	REVISION: 2
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A.B. ABV. AFF AFG ACL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BM B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FDM F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(') FTG GA GI G.F.I. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB IN(') INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD	MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

3

LOADING AND ANTENNA CABLE SCHEDULES

1

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before you Dig! 1-800-227-2600

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUPS 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2"[.051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3"[.076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4"[.102M] CARRIER CONDUIT TO 3"[.076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3"[.076M] SCH. 80 TO 2"[.051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8"[.010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40"[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30"[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1"[.025M] UNDER CONDUITS, AND 6"[.152M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2"[.038M] FOR AC CAP.
- IN DIRT SLURRY 18"[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12"[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2"[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CABLE NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90' SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2"[.051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6"[.153M] FROM TRANSMIT ANTENNA, WHICH IS 24"[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2"[.013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION

ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	32'-3"
BOTTOM GRADE	28'-0"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4"ø
EXT. RISER LENGTH	14'-0"
EXT. RISER BTM GRADE	15'-8"
PWR RISER SIZE	1"ø
PWR RISER LENGTH	28'-8"
PWR RISER BTM GRADE	8'-7"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

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REV.	DATE	DESCRIPTION
2	2/08/10	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

2/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113

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LICENSURE:

SITE NO.:

HWY8435-004A

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 004A

14730 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	REVISION: 2

CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

APN 067-222-290

APN 067-222-310

PROPOSED
EQUIPMENT
AREA
SEE 

PROPOSED EXTENET
NEW 60" CUSTOMER
OWNED SERVICE POLE,
PROPOSED NODE
LOCATION

(E) PG&E POLE,
PROPOSED EXTENET
POWER SOURCE

(E) DRIVEWAY

SKYLINE BLVD.

USA North

of Central/Northern California and Nevada

Call Before you Dig! 1-800-227-2600

SITE PLAN

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REV.	DATE	DESCRIPTION
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CURRENT ISSUE DATE:

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SITE NO.:

HWY8435-004A

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 004A

14730 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

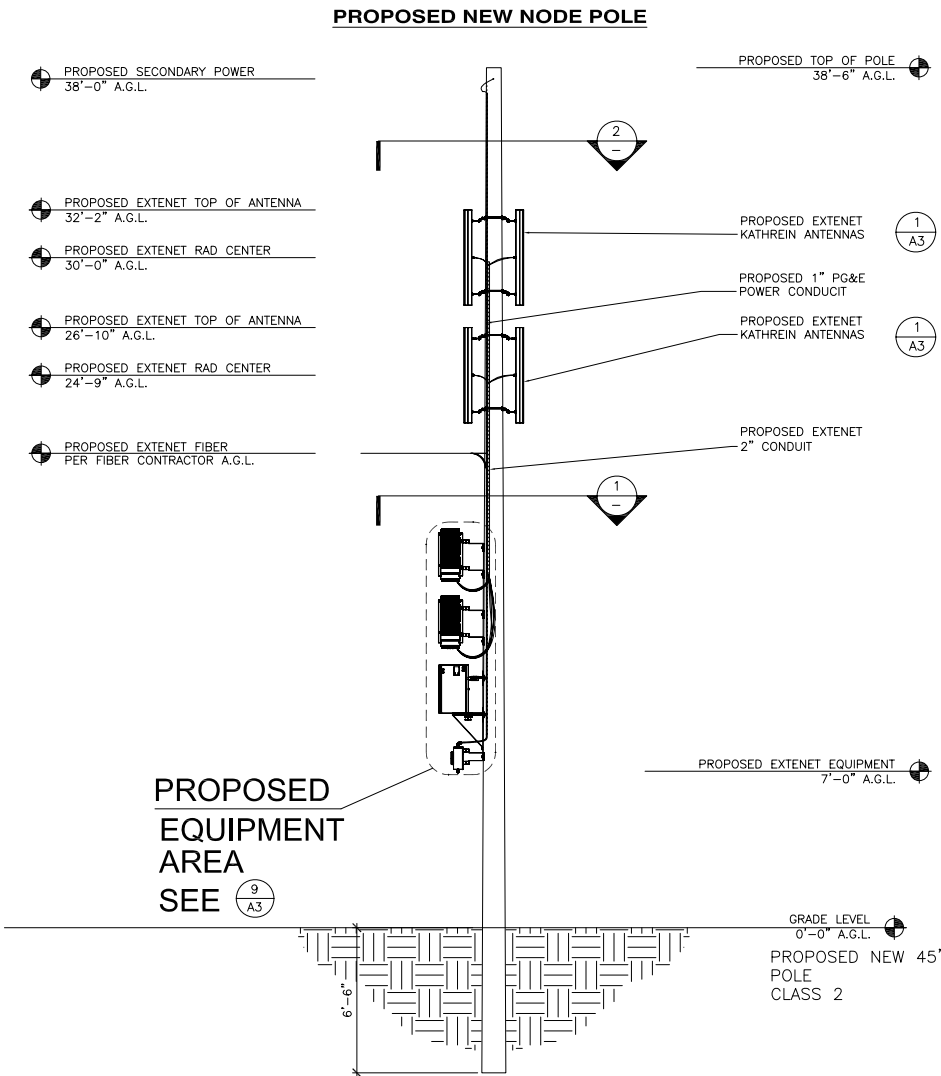
SITE PLAN

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A1 2



0 15' 30' SCALE: 1"=30'-0"



EAST POLE ELEVATION



SCALE: 1/4"=1'-0"

6

NOT USED

EXTENET MAKE-READY

1. INSTALL NEW 60' CLASS 2 NODE POLE IN ROW (SEE SITE PLAN FOR LOCATION) POLE IS CUSTOMER OWNED POLE.
2. INSTALL FLUSH MOUNT TOP OF ANTENNA AT 32'-2" GRADE, (2) 51" PANEL ANT. (KATHREIN 840 21410)
3. INSTALL FLUSH MOUNT TOP OF ANTENNA AT 29'-10" GRADE. (2) 51" PANEL ANT. (KATHREIN 840 21410)
4. INSTALL EXTENET NODE EQUIPMENT AND METER/BREAKER TO STAND-OFF BRACKET (4" OFF OF POLE) AT THE 3:00 POSITION (BETWEEN QUAD. 3-4)
5. INSTALL 4" EXT CONDUIT AT 1:30 POSITION
6. STRING IN EXTENET FIBER AND ATTACH PER FIBER DESIGN.

POWER MAKE-READY

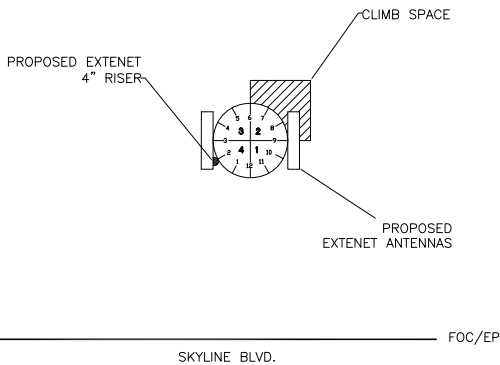
1. PG&E TO STRING IN SECONDARY POWER AT 52'-6" GRADE TO EXTENET NODE POLE IN ROW APPROX 33' EAST OF PG&E POLE LOCATION. (SEE SITE PLAN FOR LOCATION)
2. INSTALL 1" PG&E SCH. 80 CONDUIT AT 1:00 POSITION (WITH WEATHER HEAD)
3. PROVIDE 120/240 3-WIRE SINGLE PHASE, 100 AMP SERVICE TO 1" PG&E CONDUIT TO EXTENET METER BOX FROM SECONDARY AT 42'-0" GRADE.

MAKE-READY NOTES

4

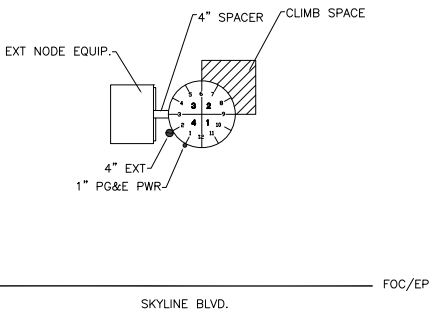
NOT USED

SCALE: NONE 3



COMMUNICATION SPACE PLAN VIEW

SCALE: NONE 2



SCALE: 1/4"=1'-0"

5

EQUIP. SPACE PLAN VIEW

SCALE: NONE 1

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REV.	DATE	DESCRIPTION
2	2/08/10	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

2/08/10

PLANS PREPARED BY:



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SITE NAME & ADDRESS:

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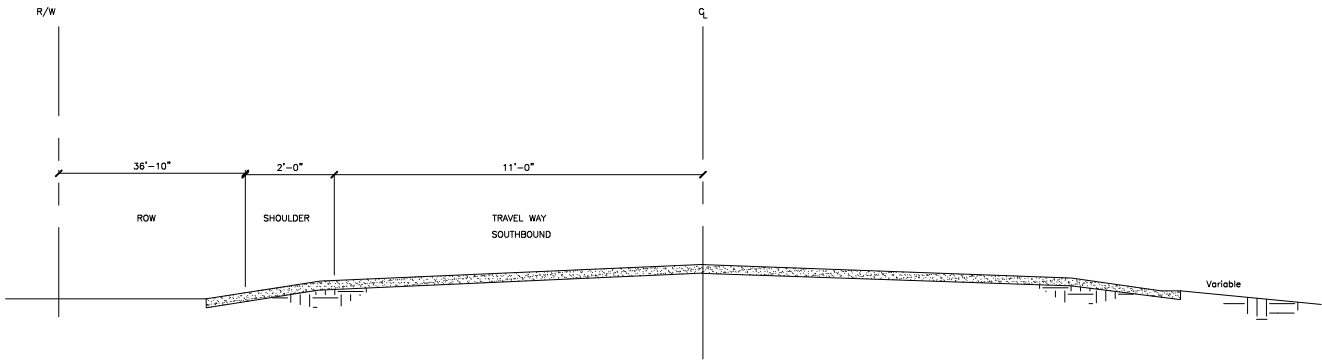
SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

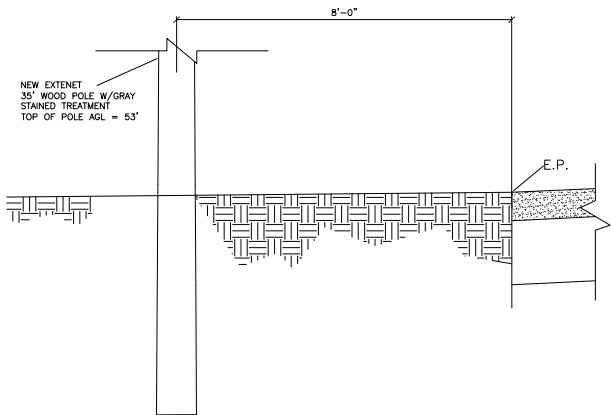
A2

2



TYP. HIGHWAY CROSS SECTION

SCALE: 1"=1' 9



NOT USED

SCALE: NONE 12

EXTENET NODE POLE CROSS SECTION

SCALE: 1/2"=1'-0" 8

NOT USED

SCALE: NONE 3

NOT USED

SCALE: 1"=1' 11

NOT USED

SCALE: 1"=1' 7

NOT USED

SCALE: 1"=1' 5

NOT USED

SCALE: 1"=1' 2

NOT USED

SCALE: NONE 10

NOT USED

SCALE: NTS 6

NOT USED

SCALE: NTS 4

NOT USED

SCALE: NTS 1

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REV.	DATE	DESCRIPTION
2	2/08/10	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

2/ 08/ 10

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SHEET TITLE:
UNDERGROUND DETAILS

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A4 2



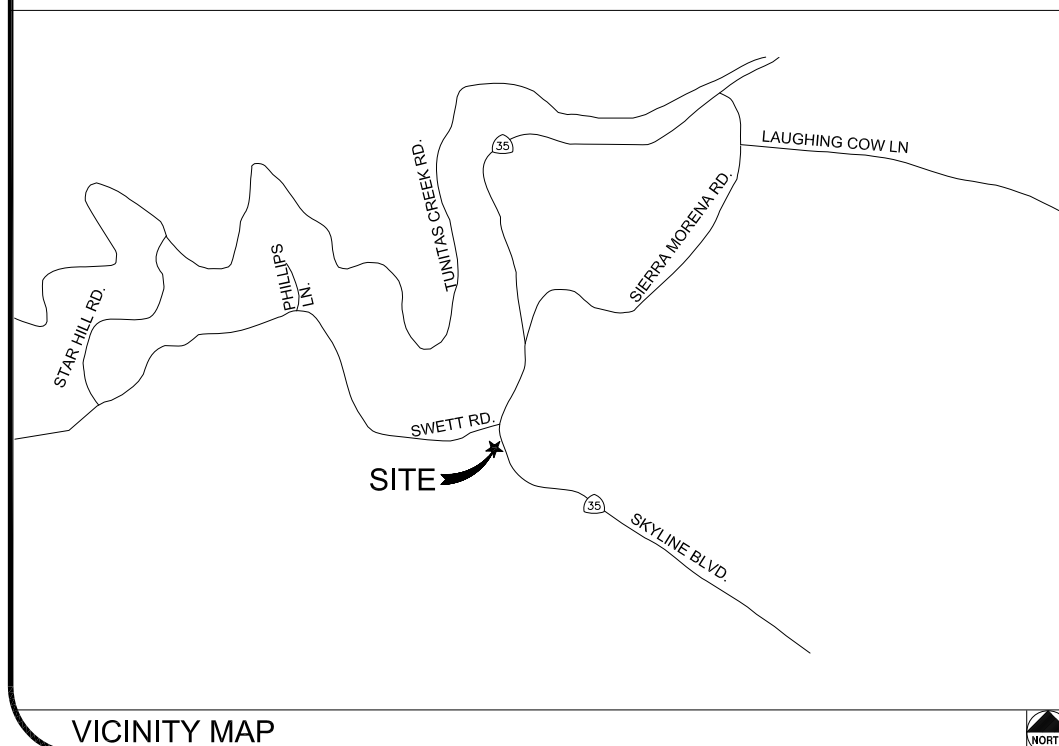
HWY - 35 PROJECT

HWY8435 - 005B

POST MILE MARKER 15.48

14865 SKYLINE BLVD.

WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.41816
LONG: -122.31930

SHEET INDEX

[illegible]

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REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/05/10	REVISION PER P&E REQUEST
1	11/11/09	REVISION PER EXTENT REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



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SHEET TITLE:

TITLE SHEET

DRAWN BY:
VG











































CHECKED BY:
AF

APPROVED BY:
KM

SHEET NUMBER: _____

REVISION:

T1

A.B. ABV. AFF AGL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BN B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(") FTG GA GI G.F.I. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB IN(") INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADOWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD	MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

3

LOADING AND ANTENNA CABLE SCHEDULES

1

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before You Dig! 1-800-227-2600

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

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SYSTEMS

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REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/05/10	REVISION PER P&E REQUEST
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



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SITE NO.:

HWY8435-005B

SITE NAME & ADDRESS:

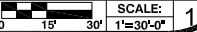
HIGHWAY 84/ 35 NETWORK NODE 005B

14865 SKYLINE BLVD.
Woodlake, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	3



A1
REVISION:
3

REV.	DATE	DESCRIPTION
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SITE NAME & ADDRESS:
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14865 SKYLINE BLVD.
Woodside, CA 94062

SHEET TITLE:
ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A2 3

EXTENET MAKE-READY

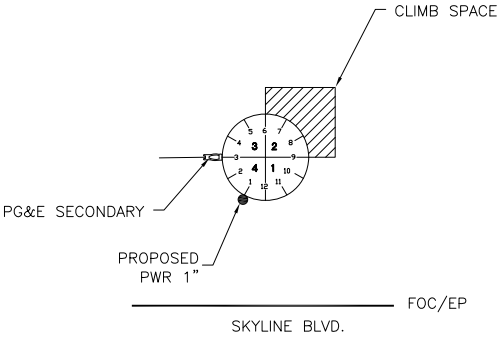
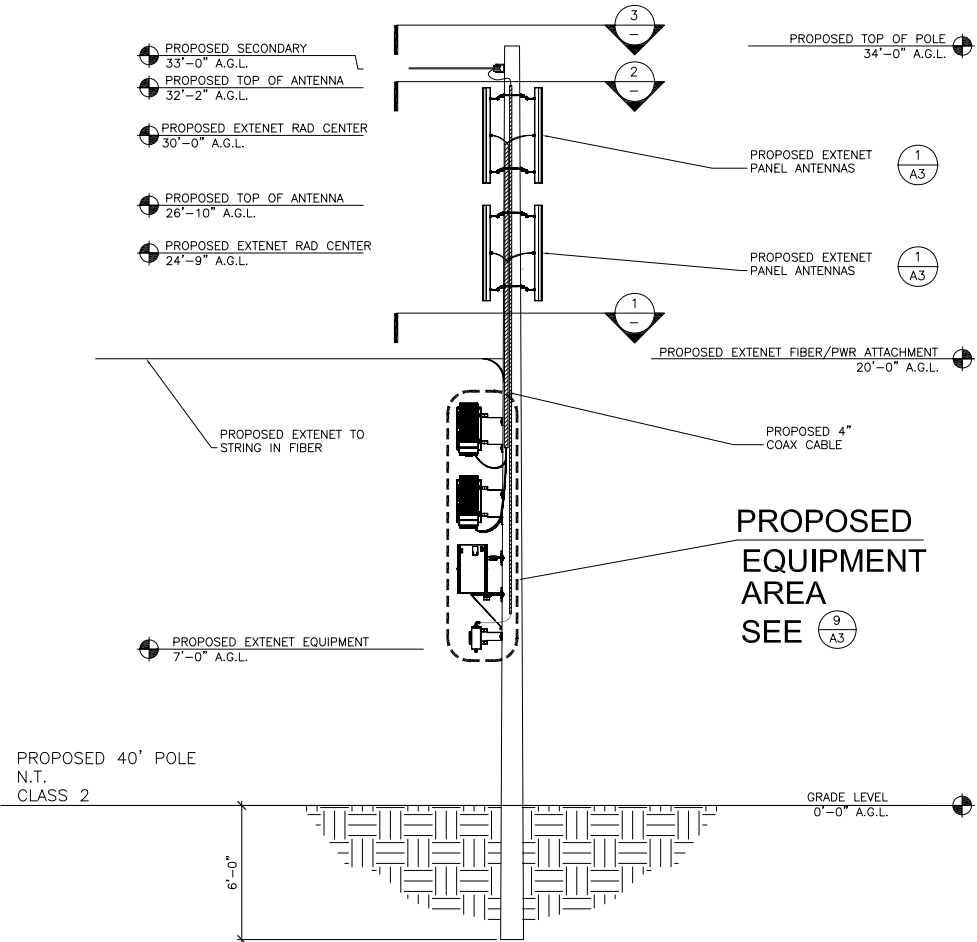
1. INSTALL 40', CLASS 2, DOUGLAS FIR UTILITY POLE, PER SITE PLAN.
2. FLUSH MOUNT 4" PANEL ANTENNAS TOP AT 32'-2" GRADE. SECOND SET 1' BELOW PER ELEVATION.
3. INSTALL DELTA NODE RADIOS, BATTERY BACK-UP, METER AND ELEC. ENCLOSURE AT 3:00 POSITION W/MIN. 4" SPACING FROM POLE.
4. INSTALL 4" PVC SCH. 40 COAX RISER AT 2:00 POSITION.

POWER MAKE-READY

1. INSTALL TRANSFORMER AND SECONDARY POWER FOR SERVICE. PER PG&E DESIGN.
2. INSTALL 1" PVC SCH. 80 RISER W/WEATHER HEAD AT 2:00 (QUAD 4) POSITION.
3. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 1" PG&E RISER TO EXTENET METER BOX FROM SECONDARY SERVICE POINT.

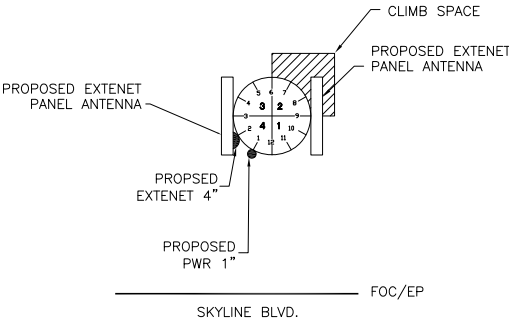
MAKE-READY NOTES

4



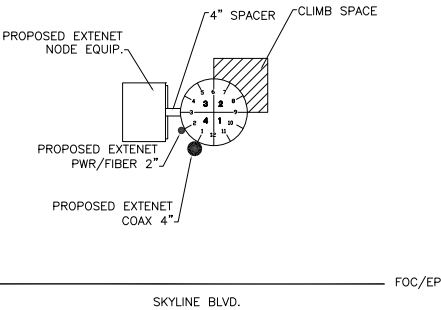
POWER SPACE PLAN VIEW

SCALE: NONE 3



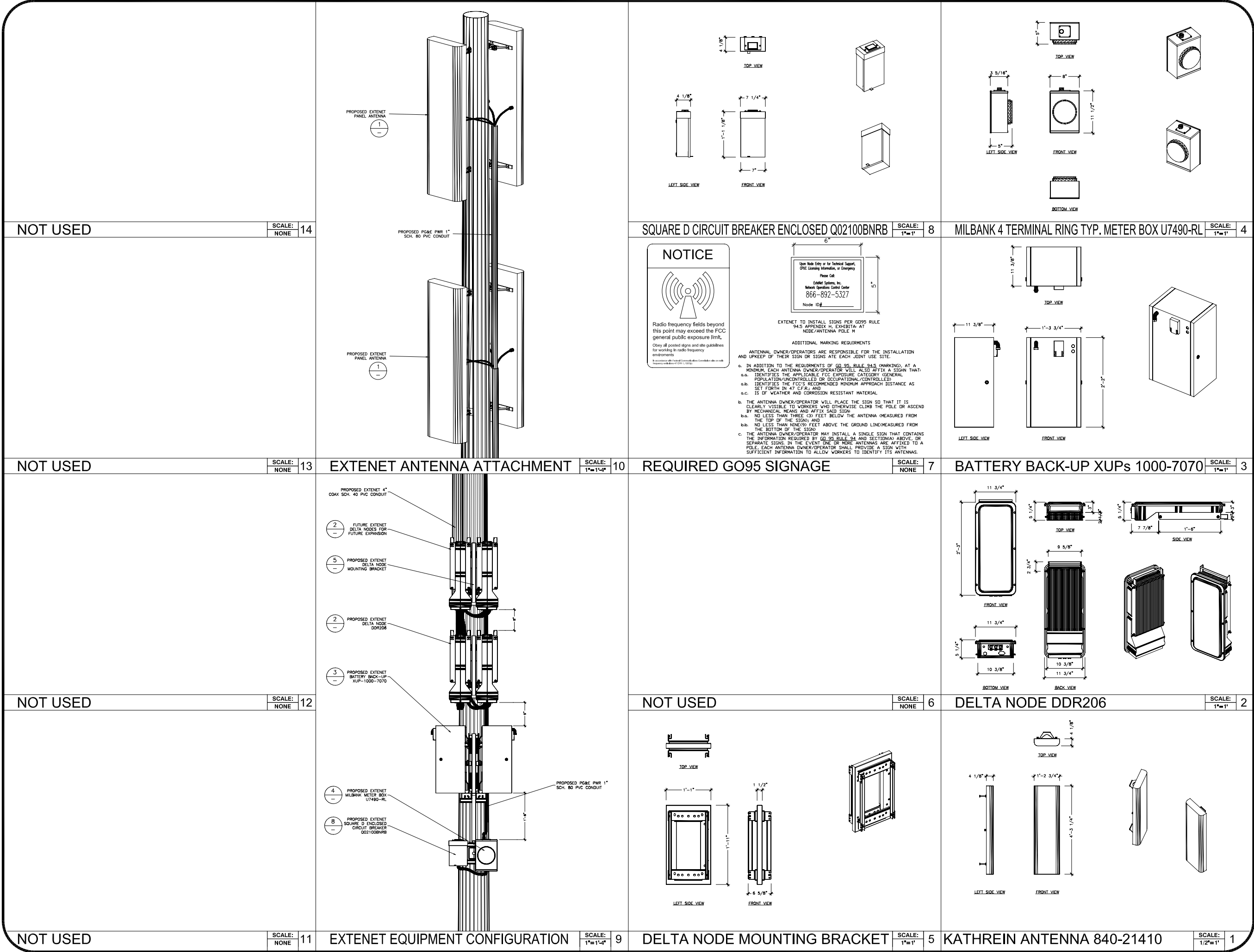
ANTENNA SPACE PLAN VIEW

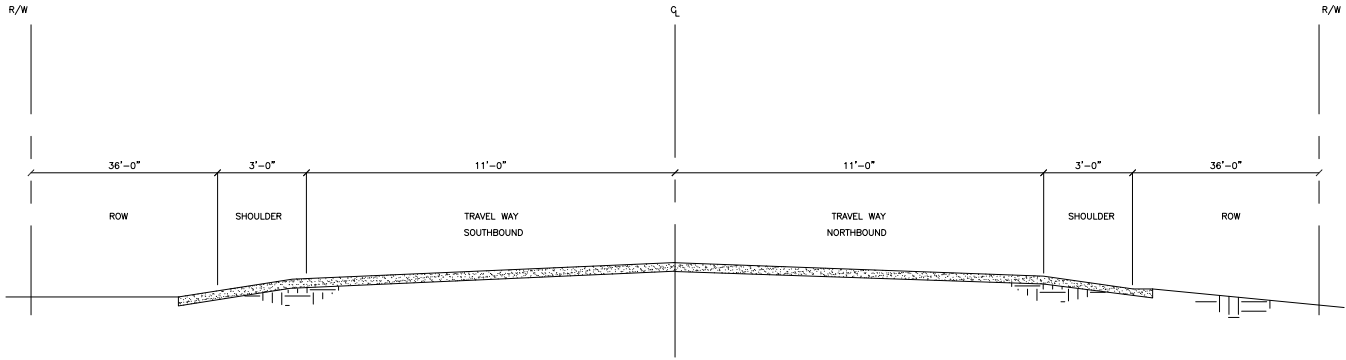
SCALE: NONE 2



EQUIP. SPACE PLAN VIEW

SCALE: NONE 1





TYP. HIGHWAY CROSS SECTION

SCALE: NONE 9

NOT USED

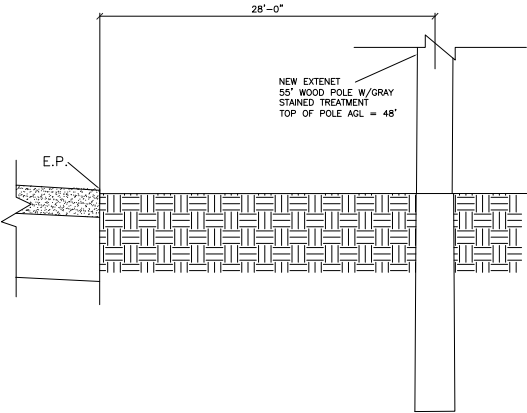
SCALE: NONE 12

NOT USED

SCALE: 1"=1' 8

NOT USED

SCALE: NONE 3



NOT USED

SCALE: 1"=1' 11

EXTENET NODE POLE CROSS SECTION

SCALE: NONE 7

NOT USED

SCALE: 1"=1' 5

NOT USED

SCALE: 1"=1' 2

NOT USED

SCALE: NONE 10

NOT USED

SCALE: NTS 6

NOT USED

SCALE: NTS 4

NOT USED

SCALE: NTS 1

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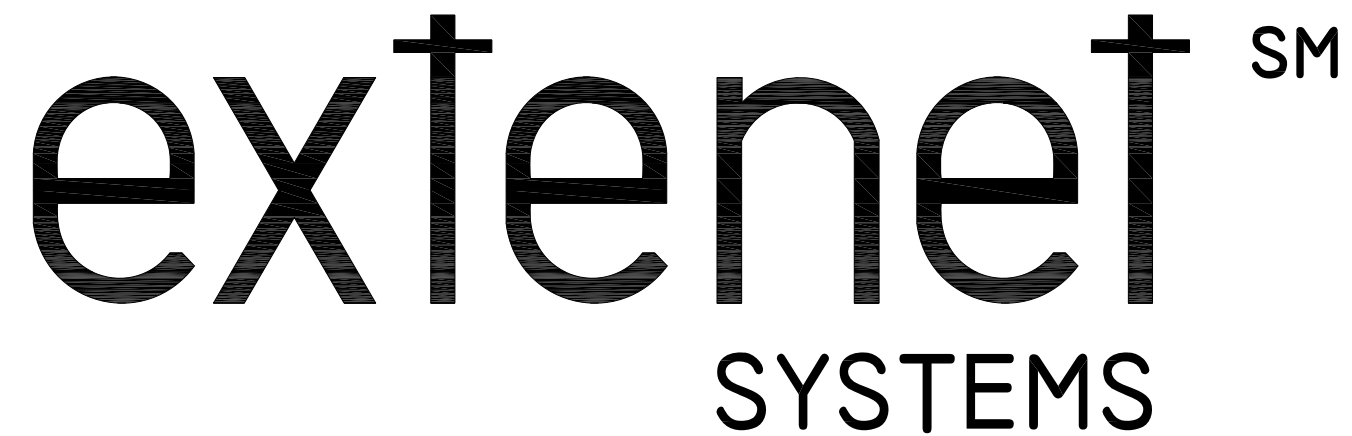
SHEET TITLE:

UNDERGROUND DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A4

3



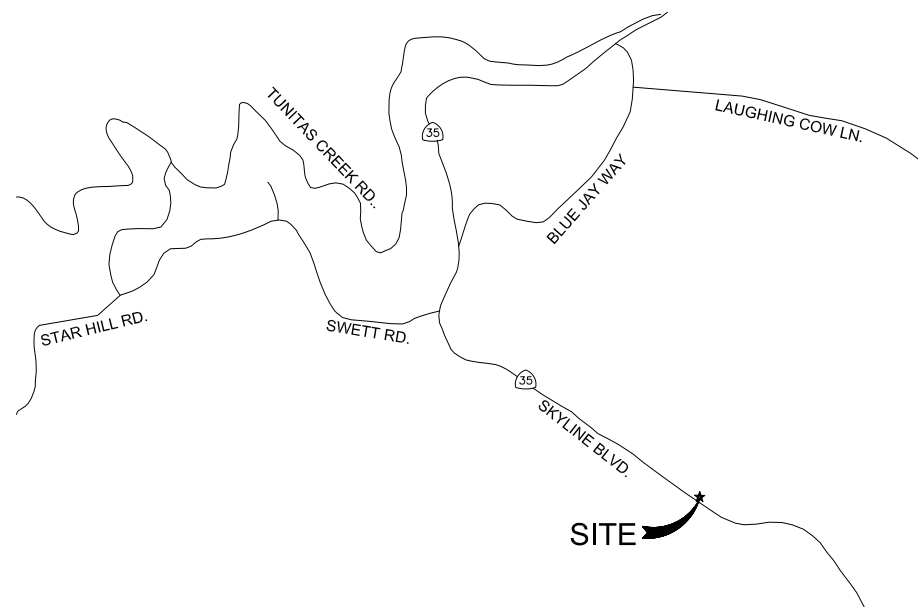
HWY 35 - PROJECT

HWY8435 - 007B

POST MILE MARKER 14.78

MARKER B18 SKYLINE BLVD.

WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
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LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.41344
LONG: -122.3106

SHEET INDEX	
SHEET	DESCRIPTION
T1	TITLE SHEET
T2	GENERAL CONSTRUCTION NOTE & ANTENNA CABLE SCHEDULE
A1	SITE PLAN
A2	UTILITY POLE ELEVATIONS/RISER DETAILS
A3	AERIAL DETAILS
A4	UNDERGROUND DETAILS
E1	ELECTRICAL DETAILS



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SITE NAME & ADDRESS:

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WOODSIDE, CA 94062

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









































TITLE SHEET

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
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SHEET NUMBER:	T1	REVISION:	3
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VICINITY MAP



A.B. ABV. AFF AFG ACL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BN B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(') FTG GA GI G.F.J. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB INT(') INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADOWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD	MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

3

LOADING AND ANTENNA CABLE SCHEDULES

1

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before You Dig! 1-800-227-2600

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-WED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUPS 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2'[051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3'[076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4"[1.02M] CARRIER CONDUIT TO 3"[076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3"[076M] SCH. 80 TO 2'[051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8"[010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40"[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30"[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1"[.025M] UNDER CONDUITS, AND 6"[152M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2"[.038M] FOR AC CAP.
- IN DIRT SLURRY 18"[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12"[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

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SYSTEMS

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SUITE 340
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www.extenet.com

REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/05/10	REVISION PER PG&E DESIGN CHANGE
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

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CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113

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LICENSURE:

SITE NO.:

HWY8435-007B

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 007B

MARKER B15 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	3

CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

USA North
of Central/Northern California and Nevada

Call Before you Dig! 1-800-227-2600

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HWY8435-007B

SITE NAME & ADDRESS:

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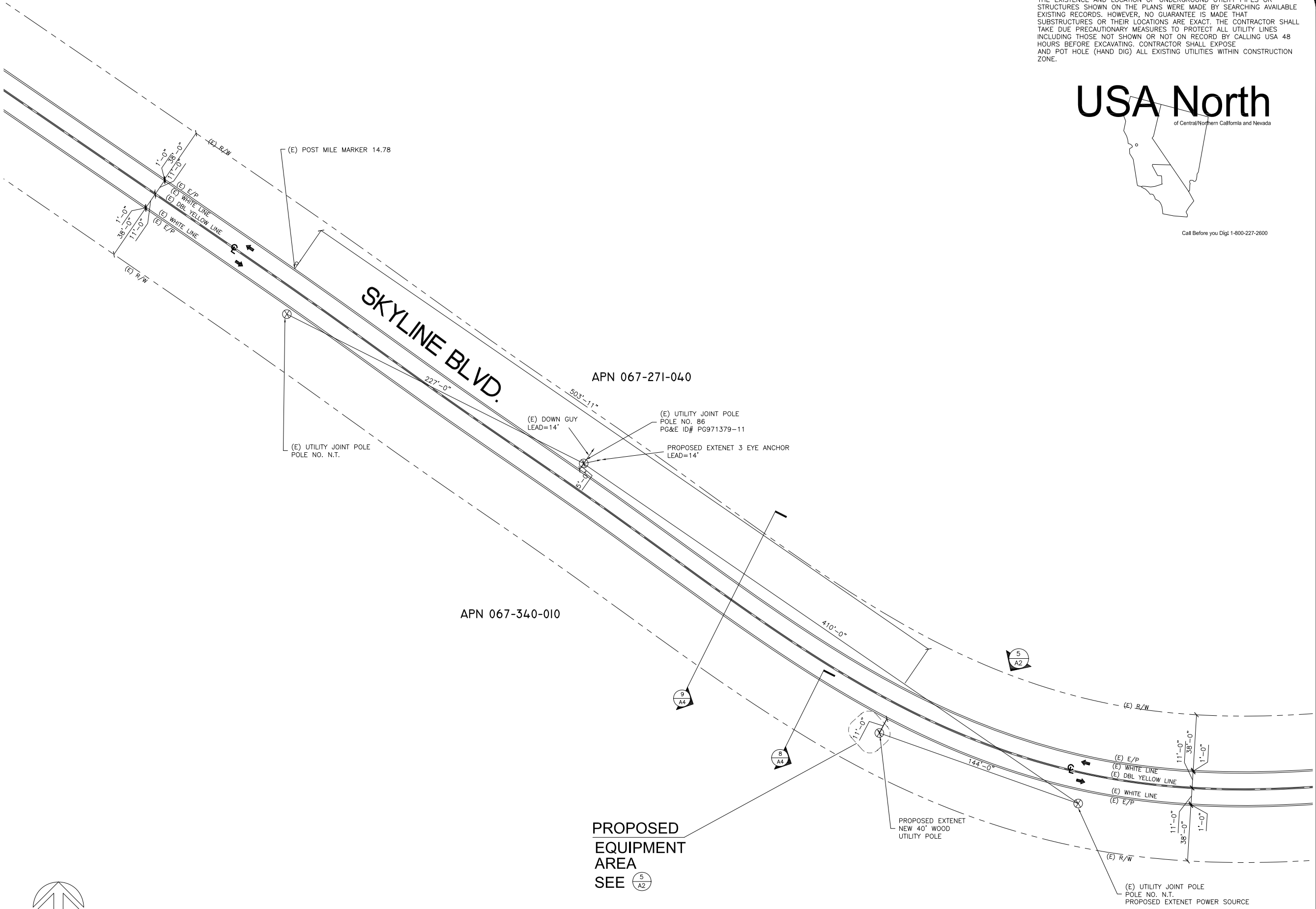
MARKER 818 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

SITE PLAN

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A13



SITE PLAN

SCALE: 1"=30'-0"

EXTENET MAKE-READY

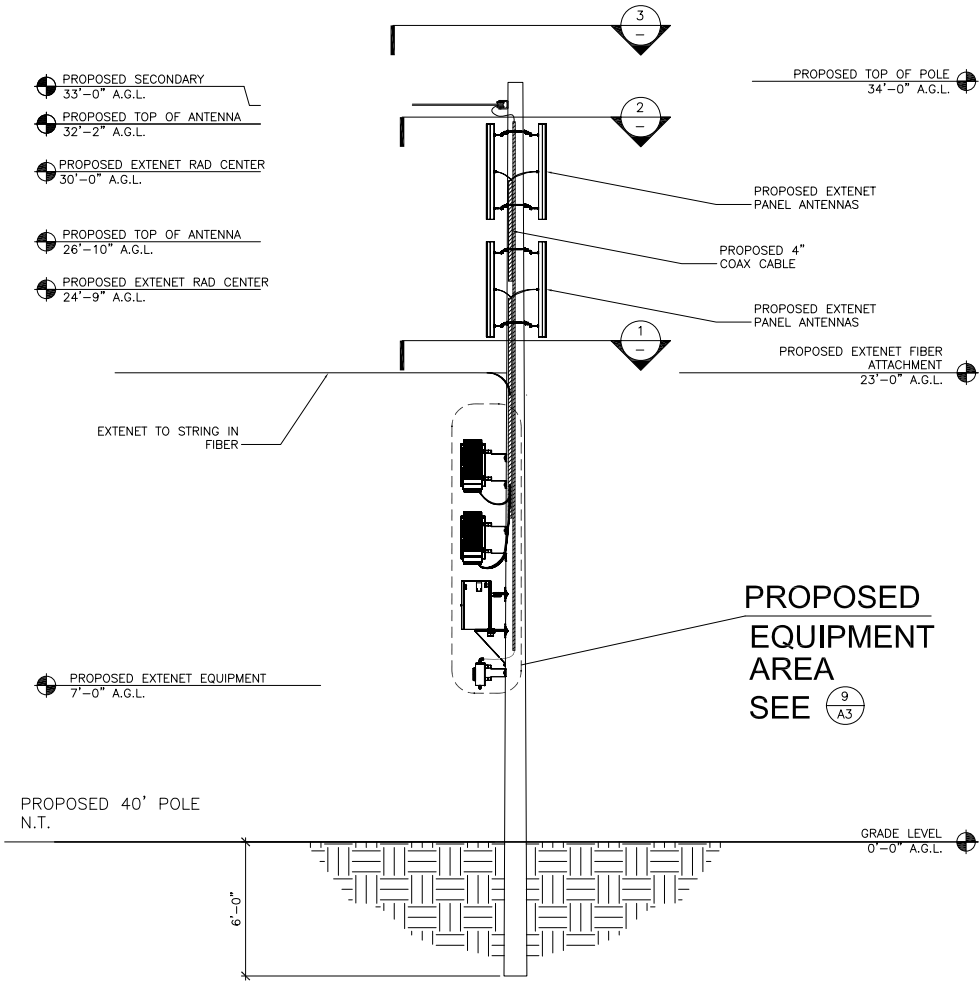
1. INSTALL 40', CLASS 2, DOUGLAS FIR UTILITY POLE, PER SITE PLAN.
2. FLUSH MOUNT 4" PANEL ANTENNAS TOP AT 32'-2" GRADE. SECOND SET 1' BELOW PER ELEVATION.
3. INSTALL DELTA NODE RADIOS, BATTERY BACK-UP, METER AND ELEC. ENCLOSURE AT 3:00 POSITION W/MIN. 4" SPACING FROM POLE.
4. INSTALL 4" PVC SCH. 40 COAX RISER AT 2:00 POSITION.

POWER MAKE-READY

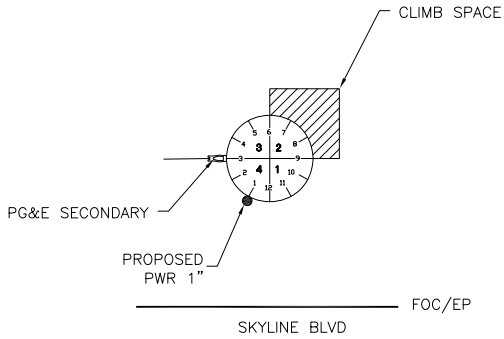
1. STRING IN SECONDARY POWER PER POWER DESIGN (SEE SITE PLAN/POWER DESIGN)
2. INSTALL 1" PVC SCH. 80 RISER W/WEATHER HEAD AT 1:00 (QUAD 4) POSITION.
3. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 1" PG&E RISER TO EXTENET METER BOX FROM SECONDARY POWER.

MAKE-READY NOTES

4

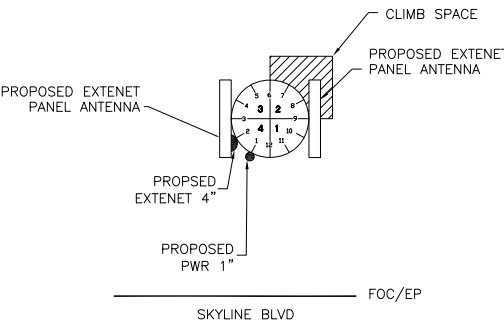


NORTH EAST POLE ELEVATION



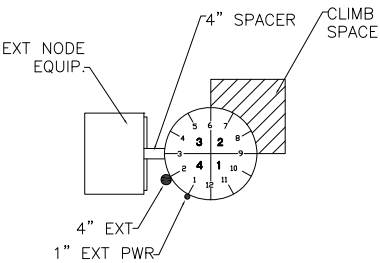
POWER SPACE PLAN VIEW

SCALE: NONE 3



ANTENNA SPACE PLAN VIEW

SCALE: NONE 2



NODE POLE RISER DETAIL

SCALE: NONE 1



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LICENSURE:

SITE NO.:

HWY8435-007B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 007B

MARKER 618 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A2 3

NOT USED

SCALE: NONE

14

NOT USED

SCALE: NONE

13

NOT USED

SCALE: NONE

12

NOTICE

6"

4"

Up on Node Entry or for Technical Support, OPEC Licensing Information, or Emergency Please Call: Extelnet Systems, Inc. Network Operations Control Center 866-892-5327 Node ID#

EXTENET TO INSTALL SIGNS PER G095 RULE 94.5 APPENDIX H, EXHIBIT A: AT NODE/ANTENNA POLE M

ADDITIONAL MARKING REQUIREMENTS

a. IN ADDITION TO THE REQUIREMENTS OF G095 RULE 94.5 (MARKING), AT A MINIMUM, EACH ANTENNA OWNER/OPERATOR WILL ALSO AFFIX A SIGN THAT:

a.a. IDENTIFIES THE APPLICABLE FCC EXPOSURE CATEGORY (GENERAL POPULATION/UNCONTROLLED OR OCCUPATIONAL/CONTROLLED)

a.b. IDENTIFIES THE FCC'S RECOMMENDED MINIMUM APPROACH DISTANCE AS SET FORTH IN 47 C.F.R. AND

a.c. IS OF WEATHER AND CORROSION RESISTANT MATERIAL.

b. THE ANTENNA OWNER/OPERATOR WILL PLACE THE SIGN SO THAT IT IS CLEARLY VISIBLE TO WORKERS WHO OTHERWISE CLIMB THE POLE OR ASCEND BY MECHANICAL MEANS AND AFFIX SAID SIGN:

b.a. NO LESS THAN THREE (3) FEET BELOW THE ANTENNA MEASURED FROM THE TOP OF THE SIGN; AND

b.b. NO LESS THAN NINE(9) FEET ABOVE THE GROUND LINE MEASURED FROM THE BOTTOM OF THE SIGN;

c. THE ANTENNA OWNER/OPERATOR MAY INSTALL A SINGLE SIGN THAT CONTAINS THE INFORMATION REQUIRED BY G095 RULE 94 AND SECTION(A) ABOVE, OR SEPARATE SIGNS. IN THE EVENT ONE OR MORE ANTENNAS ARE AFFIXED TO A POLE, EACH ANTENNA OWNER/OPERATOR SHALL PROVIDE A SIGN WITH SUFFICIENT INFORMATION TO ALLOW WORKERS TO IDENTIFY ITS ANTENNAS.

REQUIRED G095 SIGNAGE

SCALE: NONE

11

1

PROPOSED EXTENET PANEL ANTENNA

1

PROPOSED EXTENET PANEL ANTENNA

EXTENET ANTENNA ATTACHMENT

SCALE: 1"=1'-4"

10

2

FUTURE EXTENET DELTA NODES FOR FUTURE EXPANSION

5

PROPOSED EXTENET DELTA NODE MOUNTING BRACKET

2

PROPOSED EXTENET DELTA NODE DDR206

3

PROPOSED EXTENET BATTERY BACK-UP XUP-1000-7070

4

PROPOSED EXTENET MILBANK METER BOX U7490-RL

8

PROPOSED EXTENET SQUARE D ENCLOSED CIRCUIT BREAKER Q02100BNRB

EXTENET EQUIPMENT CONFIGURATION

SCALE: 1"=1'-4"

9

4 1/8"

TOP VIEW

4 1/8"

7 1/4"

1'-1 1/8"

7"

LEFT SIDE VIEW

FRONT VIEW

SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB

SCALE: 1"=1'

8

NOT USED

SCALE: 1"=1'

7

NOT USED

SCALE: NONE

6

TOP VIEW

1'-1"

1 1/2"

6 5/8"

1'-11"

LEFT SIDE VIEW

FRONT VIEW

DELTA NODE MOUNTING BRACKET

SCALE: 1"=1'

5

5"

TOP VIEW

3 5/16"

8"

11 1/2"

5"

LEFT SIDE VIEW

FRONT VIEW

BOTTOM VIEW

MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

SCALE: 1"=1'

4

11 3/8"

TOP VIEW

11 3/8"

1'-3 3/4"

2'-2"

LEFT SIDE VIEW

FRONT VIEW

BATTERY BACK-UP XUPs 1000-7070

SCALE: 1"=1'

3

11 3/4"

2'-5"

5 1/4"

TOP VIEW

5 1/4"

7 7/8"

1'-6"

SIDE VIEW

2 3/4"

9 5/8"

11 3/4"

10 3/8"

11 3/4"

FRONT VIEW

BACK VIEW

DELTA NODE DDR206

SCALE: 1"=1'

2

4 1/8"

TOP VIEW

4 1/8"

1'-2 3/4"

4'-3 1/4"

LEFT SIDE VIEW

FRONT VIEW

KATHREIN ANTENNA 840-21410

SCALE: 1/2"=1'

1

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REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/05/10	REVISION PER PO&E DESIGN CHANGE
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:

 **Maximize Comm. Group, Inc.**

1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113
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LICENSURE:

SITE NO.:

HWY8435-007B

SITE NAME & ADDRESS:

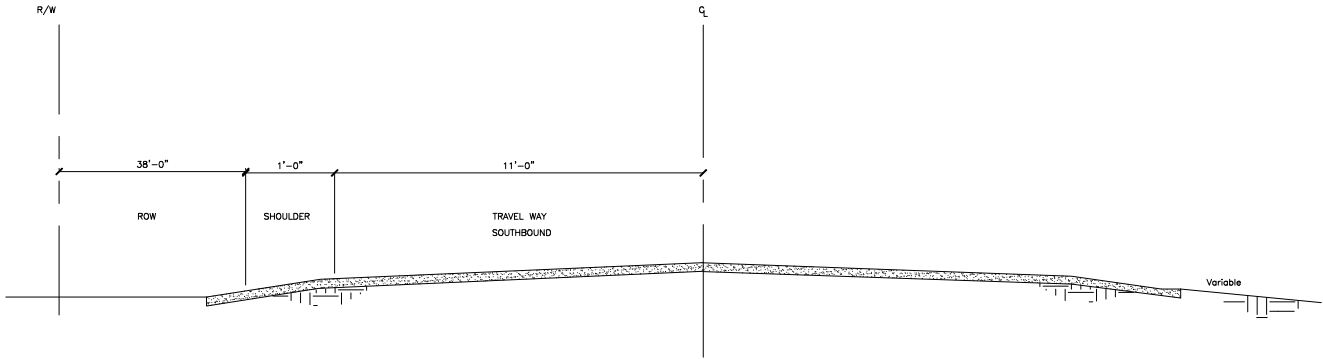
HIGHWAY 84/35 NETWORK NODE 007B

MARKER BIG SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

AERIAL DETAILS

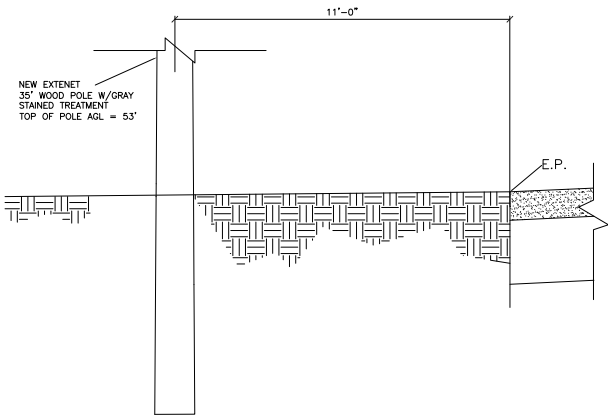
DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	
A3		3



TYP. HIGHWAY CROSS SECTION

SCALE:
1"=1'

9



NOT USED

SCALE:
NONE

12

EXTENET NODE POLE CROSS SECTION

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

8

NOT USED

SCALE:
NONE

3

NOT USED

SCALE:
1"=1'

11

NOT USED

SCALE:
1"=1'

7

NOT USED

SCALE:
1"=1'

5

NOT USED

SCALE:
1"=1'

2

NOT USED

SCALE:
NONE

10

NOT USED

SCALE:
NTS

6

NOT USED

SCALE:
NTS

4

NOT USED

SCALE:
NTS

1

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LICENSURE:

SITE NO.:
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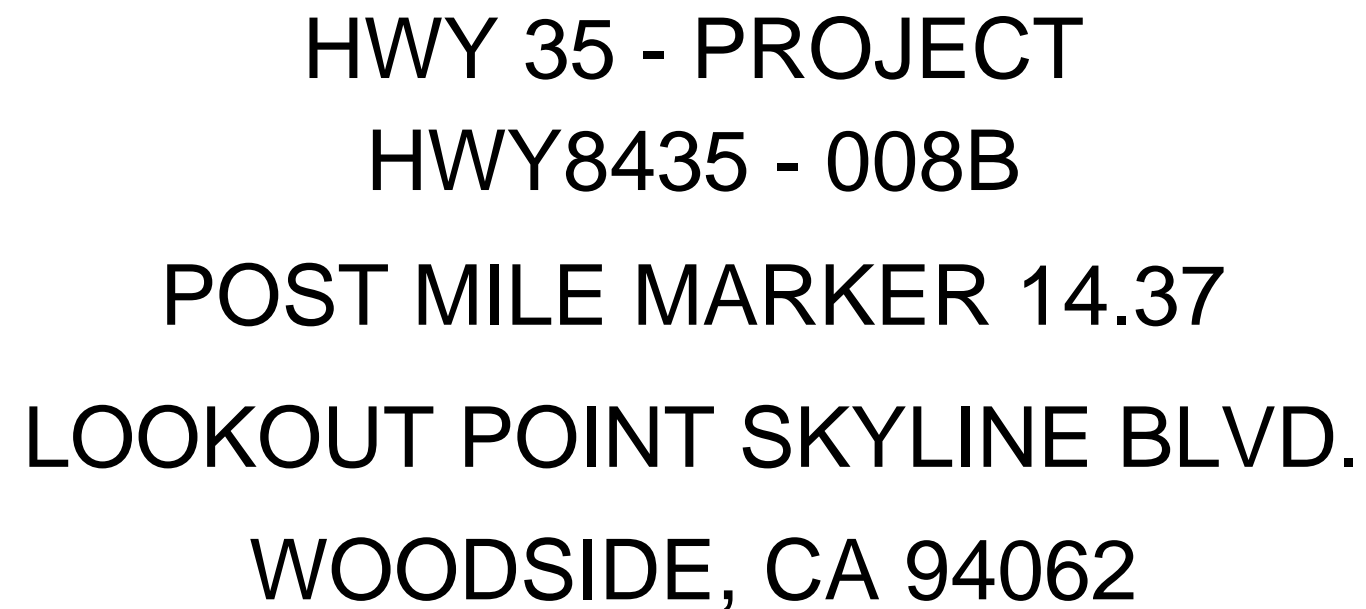
SITE NAME & ADDRESS:
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WOODSIDE, CA 94062

SHEET TITLE:
UNDERGROUND DETAILS










































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SHEET NUMBER:		REVISION:

A4 3



REVISION:

T1 6

ANCHOR BOLT ABV. AFF. AFG AGL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BM B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL.) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FDN F.O.C. F.O.M. F.O.S. F.O.W. F.S. FTT") FTG GA GI G.F.I. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB IN(") INT lb(#) L.B. L.F. L	ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(ITUDINAL)	                                        	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL (N) NO.(#) N.T.S. O.C. OPNG P/C PCS PLYWD(PLY) PPC PRC PSF PSI P.T.D.F. PWR QTY RAD(R) REF REINF REQ'D RGS SCH SCH SHT SIM. SPEC SQ S.S. STD STL STRUC TEMP THK T.N. T.O.A. T.O.C. T.O.F. T.O.P. T.O.S. T.O.W. TYP UG UL U.N.O. V.I.F. W W/ WD	MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FIR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before you Dig! 1-800-227-2600

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3--WIRE SERVICE.
- GO TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON--USED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, GO95 AND GO128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[.914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[.016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[.914M] AND AT EACH END
- FOUNDATIONS 3'[.914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2'[.051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3'[.076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4'[.102M] CARRIER CONDUIT TO 3'[.076M] AT BASE OF POLE.
- GO TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3'[.076M] SCH. 80 TO 2'[.051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8'[.010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40'[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30'[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1'[.025M] UNDER CONDUITS, AND 6'[.152M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2'[.038M] FOR AC CAP.
- IN DIRT SLURRY 18'[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12'[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF GO95,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HEREON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C. AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2'[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CABLE NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90" SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2'[.051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90" CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6'[1.83M] FROM TRANSMIT ANTENNA, WHICH IS 24'[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2'[.013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION

ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	28'-2"
BOTTOM GRADE	23'-11"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4"-6"
EXT. RISER LENGTH	28'-1"
EXT. RISER BTM GRADE	14'-5"
PWR RISER SIZE	1"-6"
PWR RISER LENGTH	16'-0"
PWR RISER BTM GRADE	7'-0"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

extenetSM
SYSTEMS

3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
1	11/11/09	REVISION PER EXTENET REQUESTED PAD CENTER CHANGE
2	01/09/10	REVISION PER PAGE DESIGN CHANGE
3	02/08/10	REVISION PER CALTRANS COMMENTS
4	04/26/10	REVISION PER CALTRANS COMMENTS
5	1/13/11	REVISION PER CALTRANS COMMENTS
6	07/25/11	REVISION PER CALTRANS EQUIPMENT ORIENTATION

CURRENT ISSUE DATE:

07/25/11

PLANS PREPARED BY:

ACI
Advanced Communications Inc.
1-800-825-4ACI
5711 Research Drive
Canton, MI 48188

LICENSURE:

SITE NO.:

HWY8435-008B

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 008B

LOOKOUT POINT SKYLINE BLVD
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY:

CHECKED BY:

APPROVED BY:

SHEET NUMBER:

REVISION:

T2

6

LOADING AND ANTENNA CABLE SCHEDULES

ROW CONSTRUCTION GENERAL NOTES

1

3

4

2

CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

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SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
1	11/11/09	REVISION PER EXTENET REQUESTED PAD CENTER CHANGE
2	01/05/10	REVISION PER PAGE DESIGN CHANGE
3	02/08/10	REVISION PER CALTRANS COMMENTS
4	04/26/10	REVISION PER CALTRANS COMMENTS
5	1/13/11	REVISION PER CALTRANS COMMENTS
6	07/25/11	REVISION PER CALTRANS EQUIPMENT ORIENTATION

CURRENT ISSUE DATE:

07/25/11

PLANS PREPARED BY:

ACI

Advanced Communications Inc.
1-800-825-4ACI
5711 Research Drive
Canton, MI 48188

LICENSE:

SITE NO.:

HWY8435-0083

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 0083

LOOKOUT POINT SKYLINE BLVD
WOODSIDE, CA 94062

SHEET TITLE:

SITE PLAN

DRAWN BY:

CHECKED BY:

APPROVED BY:

SHEET NUMBER:

REVISION:

A1 6

USA North
of Central/Northern California and Nevada

Call Before you Dig! 1-800-227-2600

SITE PLAN

SKYLINE BLVD.

APN 072-271-040

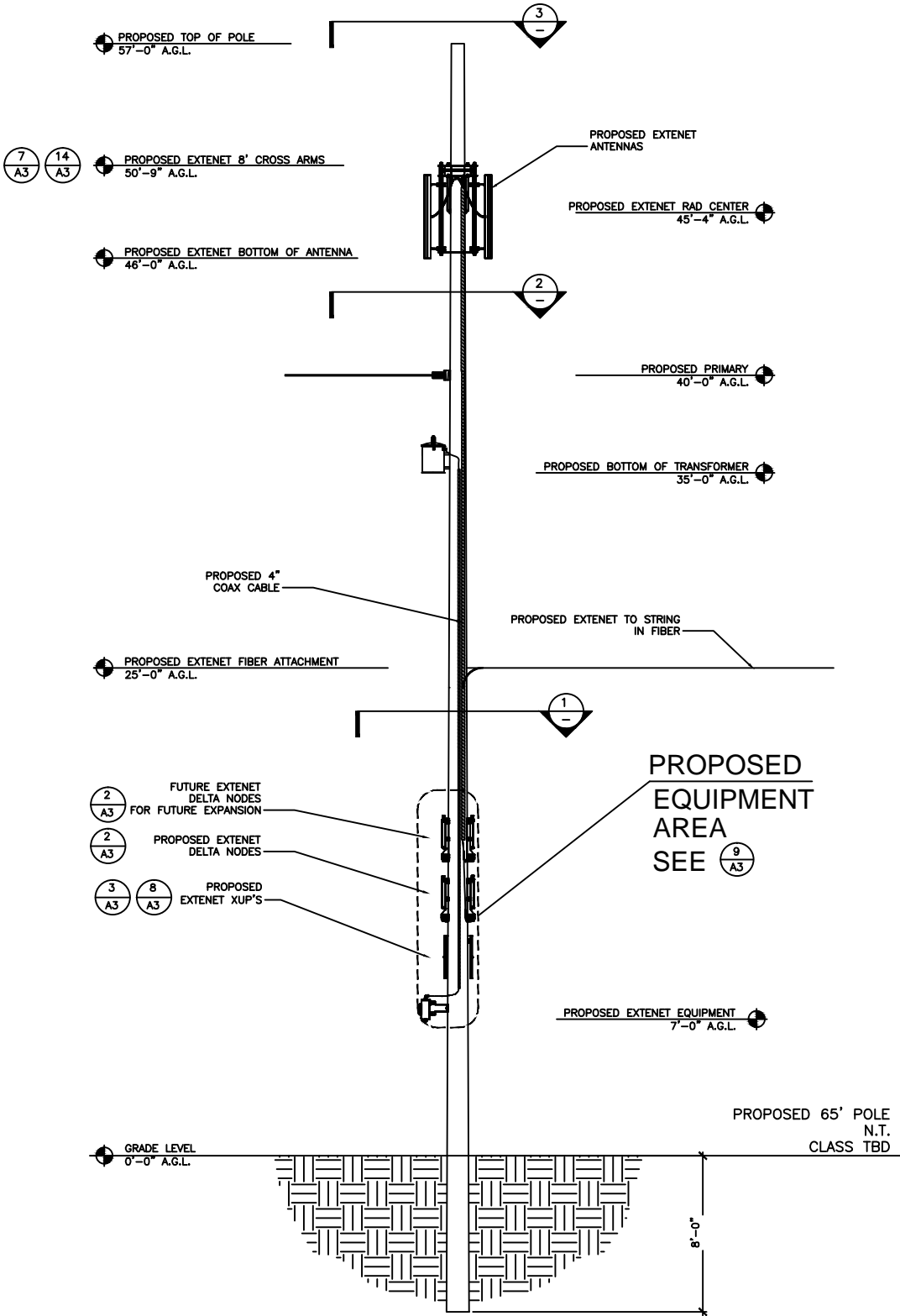
PROPOSED
EQUIPMENT
AREA
SEE 5
A2

3
A4

9
A4



SCALE: 1
1"=30'-0"



PROPOSED ELEVATION NORTH EAST

SCALE: 1/4"=1'-0" 6

EXTENET MAKE-READY

1. INSTALL 8' DBL WOOD ARMS FOR 4 ANTENNAS AT 32'-8" GRADE. (KATHREIN 840 21410)
2. INSTALL EXTENET NODE EQUIPMENT TO STAND-OFF BRACKET (4" OFF OF POLE) AT THE 6:00 POSITION (BETWEEN QUAD. 2-3)
3. INSTALL 4" EXT CONDUIT AT 5:00 POSITION
4. INSTALL METER AND DISCONNECT TO STAND-OFF BRACKET (4" OFF POLE) AT THE 3:00 POSITION
5. STRING IN EXTENET FIBER AND ATTACH AT PER FIBER CONTRACTOR GRADE

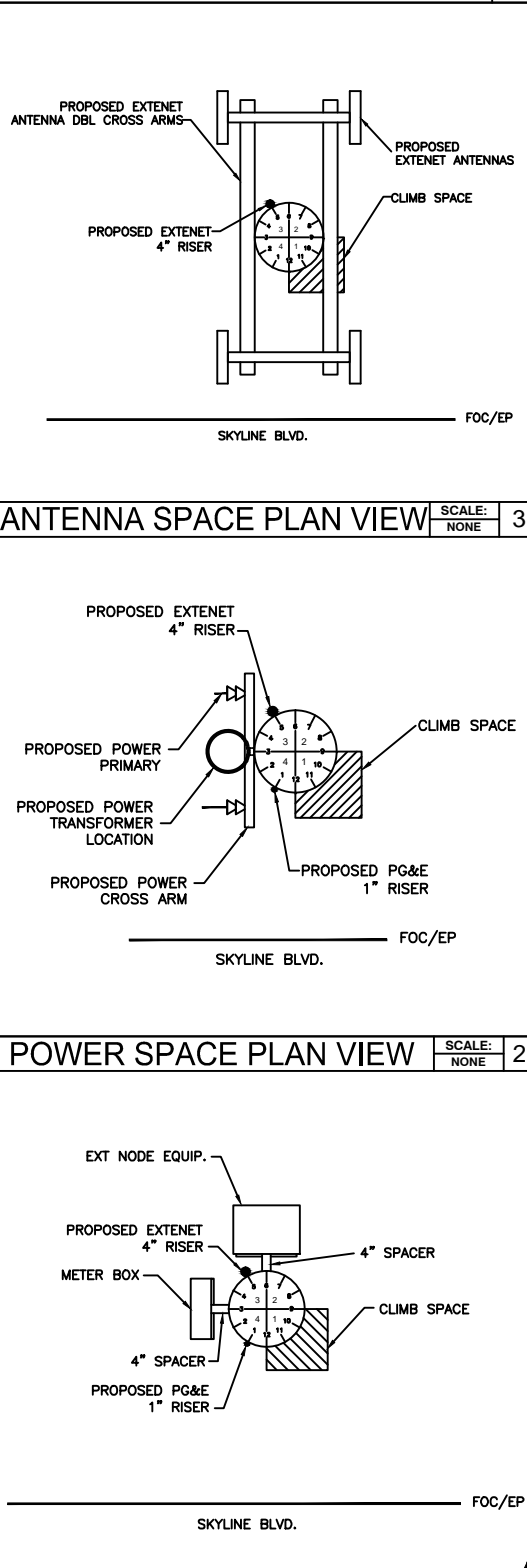
POWER MAKE-READY

1. INSTALL NEW 65' CLASS 2 POLE IN ROW (SEE SITE PLAN FOR LOCATION) POLE IS PG&E OWNED POLE.
2. INSTALL TRANSFORMER AND PRIMARY POWER FOR SERVICE, PER PG&E DESIGN.
3. INSTALL 1" PVC SCH. 80 RISER W/WEATHER HEAD AT 1:00 (QUAD 4) POSITION.
4. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 1" PG&E RISER TO EXTENET METER BOX FROM TRANSFORMER.

MAKE-READY NOTES



SCALE: 1/4"=1'-0" 5



NODE POLE RISER DETAIL

SCALE: NONE 1

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Advanced Communications Inc.
1-800-825-4ACI
5711 Research Drive
Canton, MI 48188

LICENSURE:

SITE NO.:

HWY8435-008B

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 008B
LOOKOUT POINT SKYLINE BLVD
WOODSIDE, CA 94062

SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY:

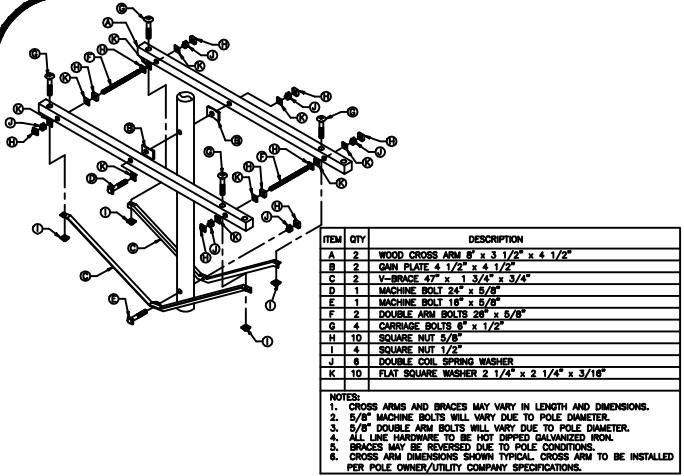
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APPROVED BY:

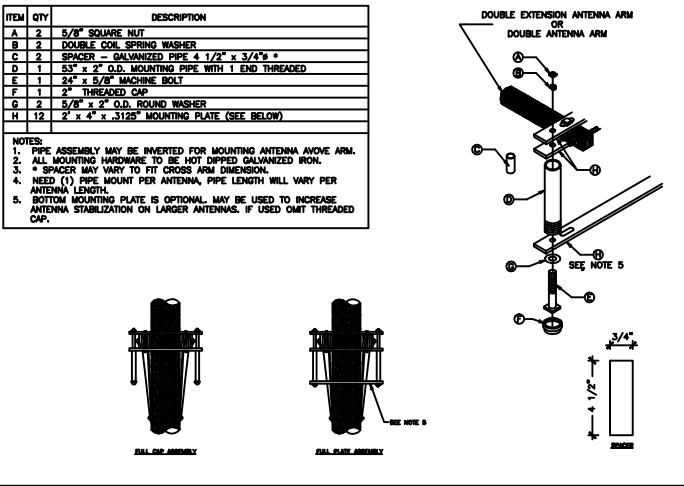
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REVISION:

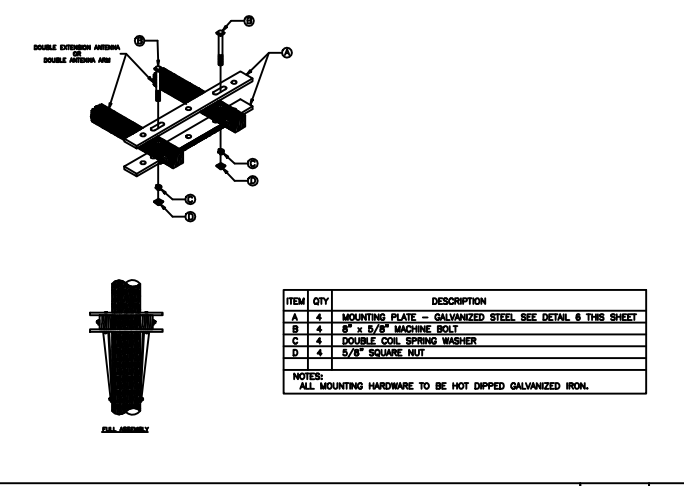
A2 6



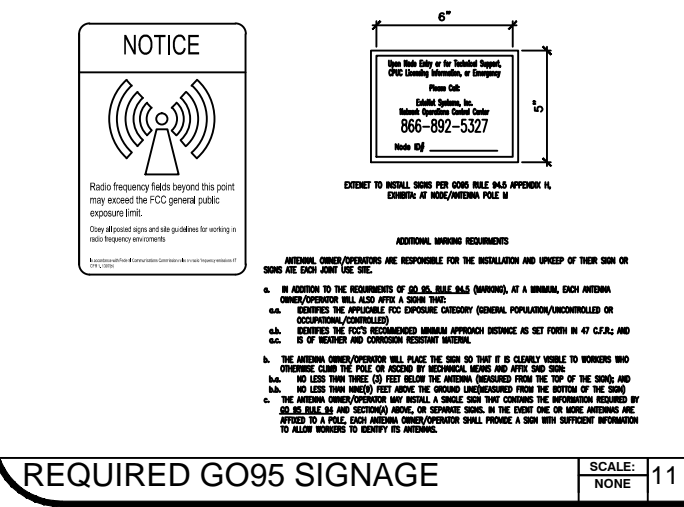
ARM ASSEMBLY SCALE: NONE 14



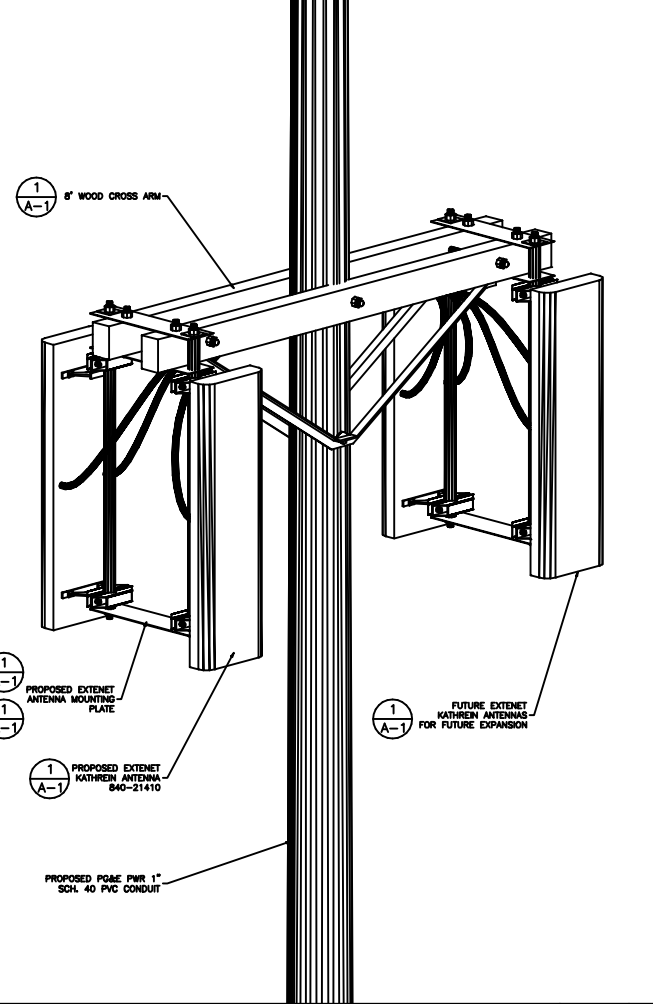
ANTENNA PIPE MOUNT DETAIL SCALE: NONE 13



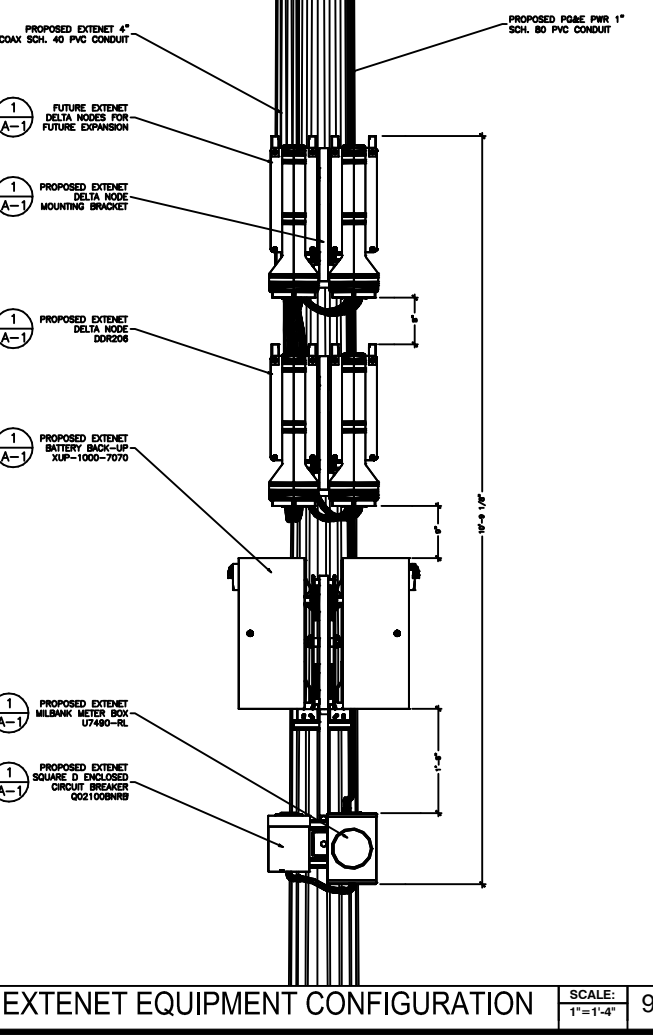
DOUBLE ARM MOUNTING BRACKET SCALE: NONE 12



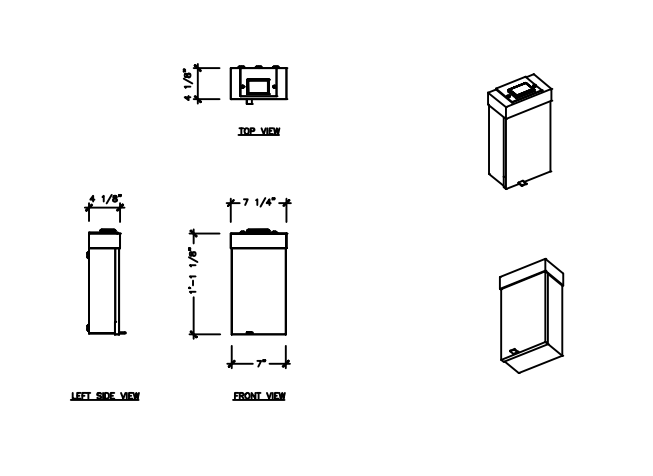
REQUIRED GO95 SIGNAGE SCALE: NONE 11



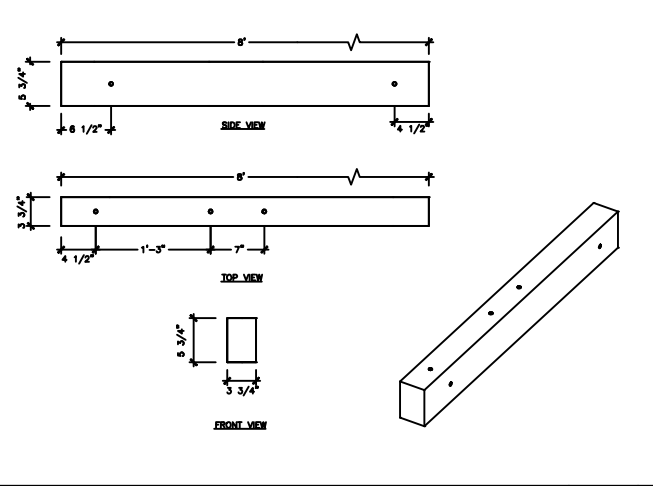
EXTERNET ANTENNA ATTACHMENT SCALE: 1\"/>



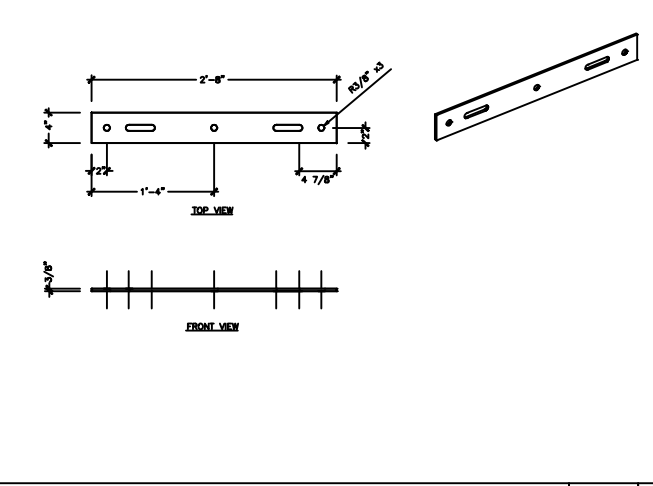
EXTERNET EQUIPMENT CONFIGURATION SCALE: 1\"/>



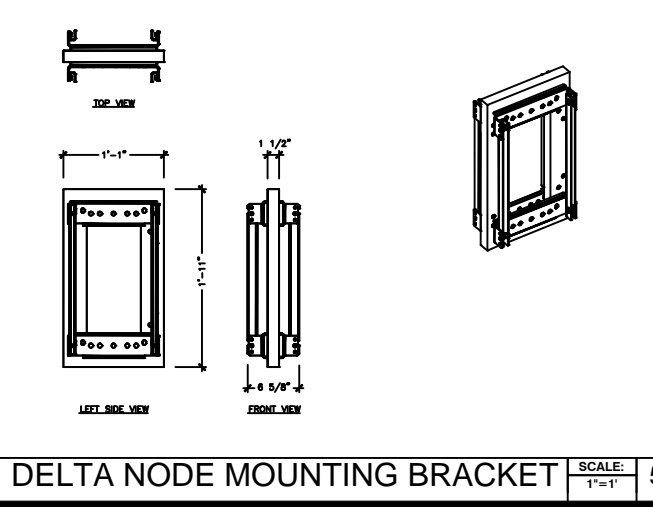
SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB SCALE: 1\"/>



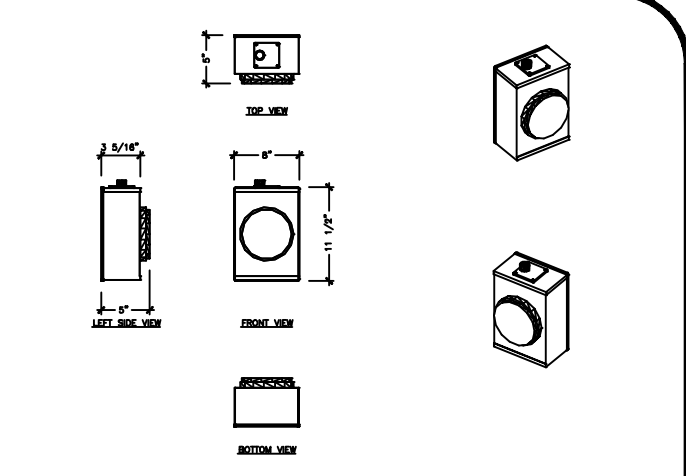
WOOD CROSS ARM 96"x5.75"x3.75" SCALE: 1\"/>



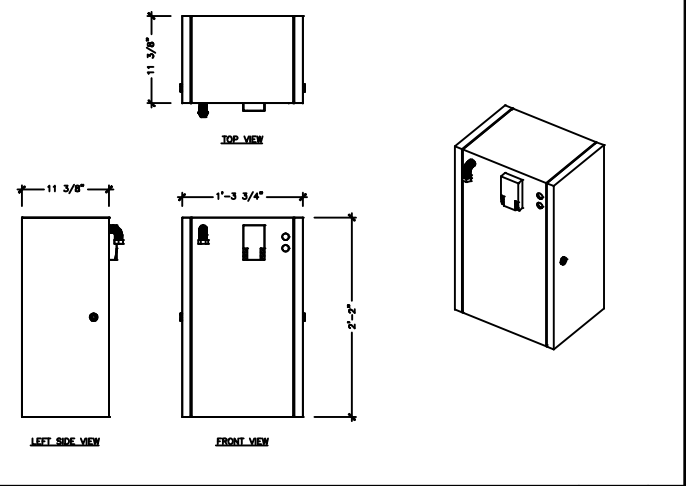
ANTENNA MOUNTING PLATE SCALE: 1\"/>



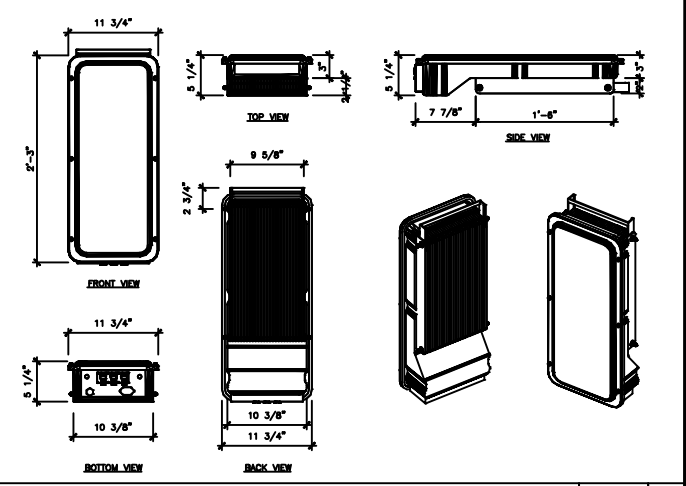
DELTA NODE MOUNTING BRACKET SCALE: 1\"/>



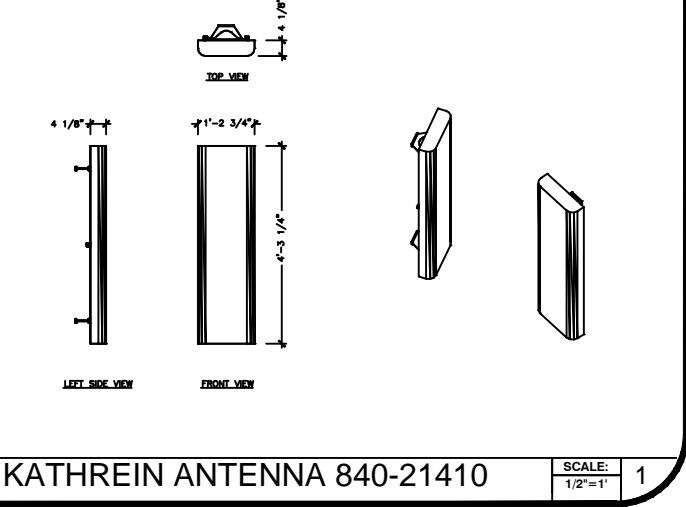
MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL SCALE: 1\"/>



BATTERY BACK-UP XUPs 1000-7070 SCALE: 1\"/>



DELTA NODE DDR206 SCALE: 1\"/>



KATHREIN ANTENNA 840-21410 SCALE: 1/2\"/>

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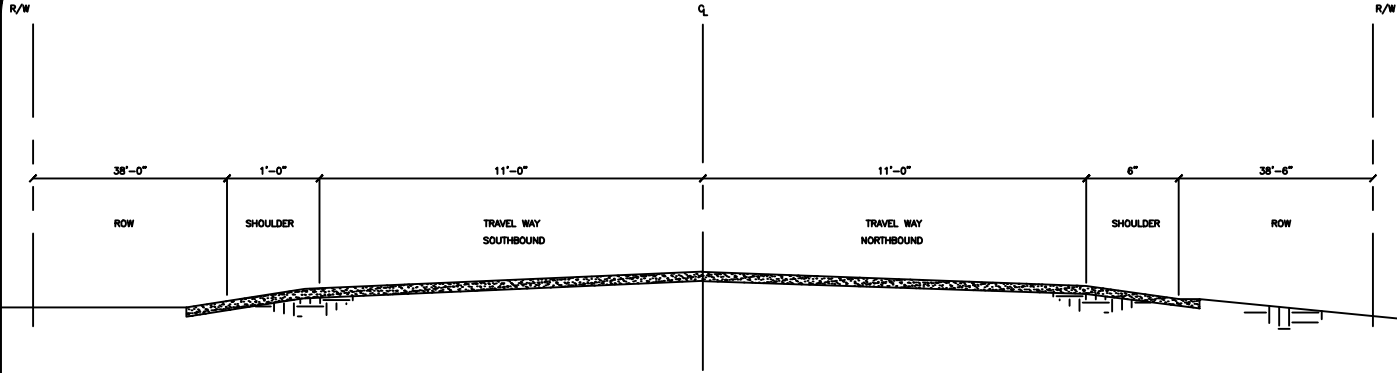
SITE NO.:
HWY8435-008B

SITE NAME & ADDRESS:
HIGHWAY 84/ 35 NETWORK NODE 008B
LOOKOUT POINT SKYLINE BLVD
WOODSIDE, CA 94062

SHEET TITLE:
AERIAL DETAILS

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER: **A3** 6



TYP. HIGHWAY CROSS SECTION

SCALE:
1"=1'

9

NOT USED

SCALE:
NONE

12

NOT USED

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

8

NOT USED

SCALE:
NONE

3

NOT USED

SCALE:
1"=1'

11

NOT USED

SCALE:
1"=1'

7

NOT USED

SCALE:
1"=1'

5

NOT USED

SCALE:
1"=1'

2

NOT USED

SCALE:
NONE

10

NOT USED

SCALE:
NTS

6

NOT USED

SCALE:
NTS

4

NOT USED

SCALE:
NTS

1

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LICENSURE:

SITE NO.:

HWY8435-008B

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 008B
LOOKOUT POINT SKYLINE BLVD
WOODSIDE, CA 94062

SHEET TITLE:

UNDERGROUND DETAILS

DRAWN BY:

CHECKED BY:

APPROVED BY:

SHEET NUMBER:

REVISION:

A4 6



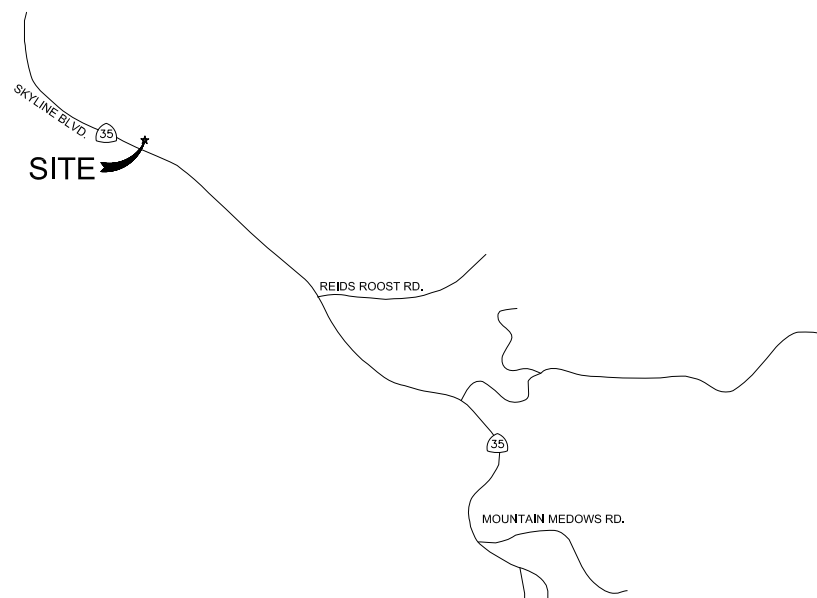
HWY - 35 PROJECT

HWY8435 - 009B

POST MILE MARKER 13.84

EL CORTE DE MADERA CREEK SKYLINE BLVD.

WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.40580
LONG: -122.30383

[illegible]

3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/05/10	REVISION PER PG&E DESIGN CHANGE
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113

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LICENSURE:

SITE NO.:

HWY8435-009B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 009B

EL CORTE DE MADERA CREEK SKYLINE BLVD
WOODSIDE, CA 94062

SHEET TITLE:

TITLE SHEET

DRAWN BY:
VG

CHECKED BY:
AF

APPROVED BY:
KM

SHEET NUMBER:











































REVISION:

REVISION:	3
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REVISION:
3

VICINITY MAP



A.B. ABV. AFF AFG ACL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BN B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(") FTG GA GI G.F.J. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB INT(") INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL (N) NO.(#) N.T.S. O.C. OPNG P/C PCS PLYWD(PLY) PPC PRC PSF PSI P.T.D.F. PWR QTY RAD(R) REF REIN REQ'D RGS SCH SHT SIM SPEC SQ S.S. STD STL STRUC THK THK(NESS) T.N. T.O.A. T.O.C. T.O.F. T.O.P. T.O.S. T.O.W. TYP UG UL U.N.O. V.I.F. W W/ W/D	MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

3

LOADING AND ANTENNA CABLE SCHEDULES

1

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before You Dig! 1-800-227-2600

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUPS 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2"[.051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3'[.076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4"[1.02M] CARRIER CONDUIT TO 3"[.076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3"[.076M] SCH. 80 TO 2"[.051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8"[.010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40"[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30"[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1"[.025M] UNDER CONDUITS, AND 6"[1.52M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2"[.038M] FOR AC CAP.
- IN DIRT SLURRY 18"[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12"[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2"[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CABLE NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90' SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2"[.051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6'[1.83M] FROM TRANSMIT ANTENNA, WHICH IS 24"[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2"[.013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION

ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	31'-3"
BOTTOM GRADE	26'-10"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4"-Ø
EXT. RISER LENGTH	15'-1"
EXT. RISER BTM GRADE	14'-5"
PWR RISER SIZE	1"-Ø
PWR RISER LENGTH	11'-0"
PWR RISER BTM GRADE	8'-0"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

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2	01/05/10	REVISION PER PG&E DESIGN CHANGE
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

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FAX: (909) 992-3113

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LICENSURE:

SITE NO.:

HWY8435-009B

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 009B

EL CORTE DE MADERA CREEK SKYLINE BLVD
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY:

VG

CHECKED BY:

AF

APPROVED BY:

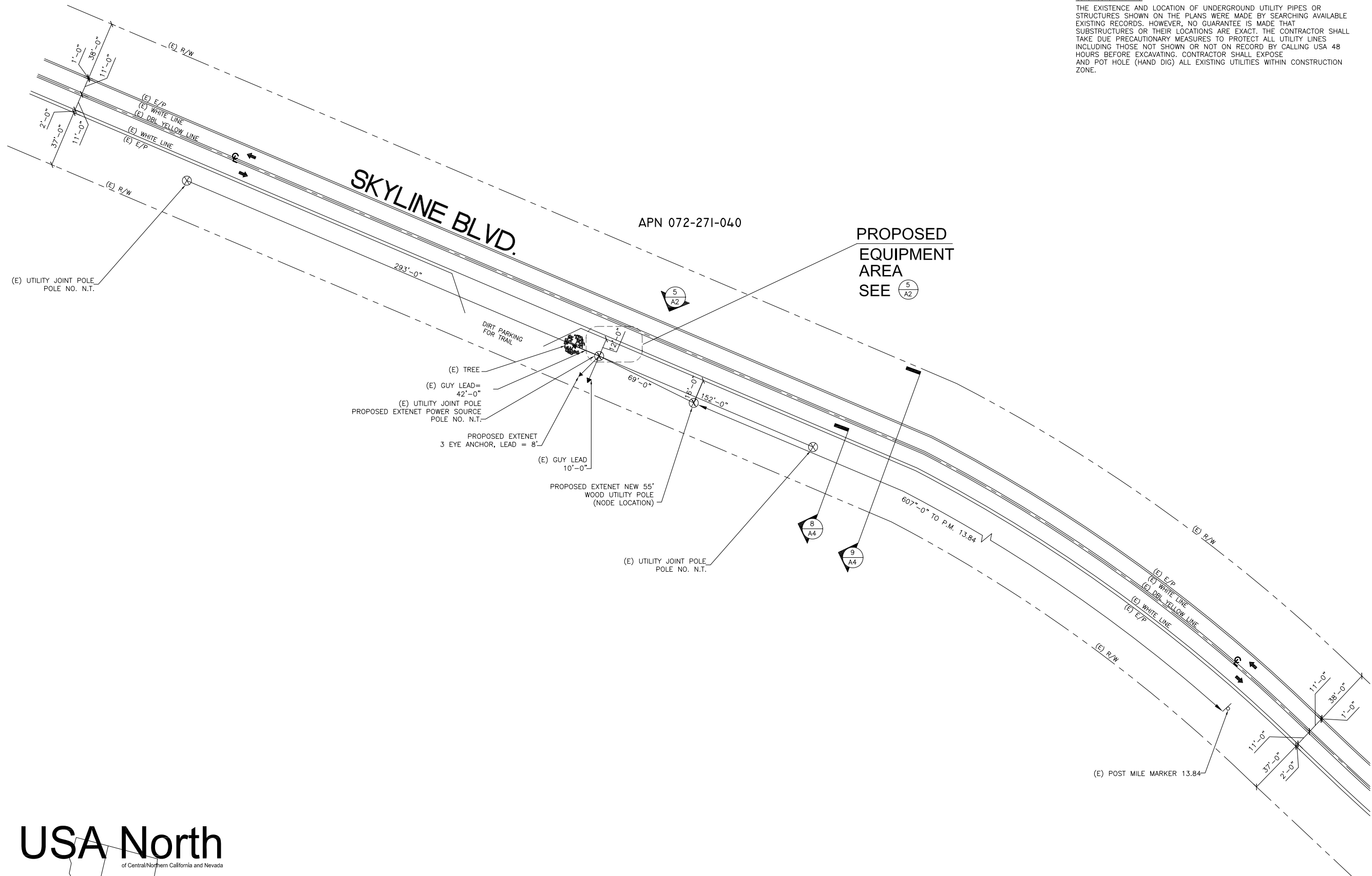
KM

SHEET NUMBER:

T2

REVISION:

3



CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

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EL CORTE DE MADERA CREEK SKYLINE BLVD
WOODSIDE, CA 94062

SHEET TITLE:
SITE PLAN

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER: A1		REVISION: 3

USA North

of Central/Northern California and Nevada

Call Before you Dig! 1-800-227-2600

NORTH

SCALE:
1"=30'-0"

1

EXTENET MAKE-READY

1. INSTALL 40', CLASS 2, DOUGLAS FIR UTILITY POLE, PER SITE PLAN.
2. FLUSH MOUNT 4" PANEL ANTENNAS TOP AT 32'-2" GRADE. SECOND SET 1' BELOW PER ELEVATION.
3. INSTALL DELTA NODE RADIOS, BATTERY BACK-UP, METER AND ELEC. ENCLOSURE AT 3:00 POSITION W/MIN. 4" SPACING FROM POLE.
4. INSTALL 4" PVC SCH. 40 COAX RISER AT 2:00 POSITION.

POWER MAKE-READY

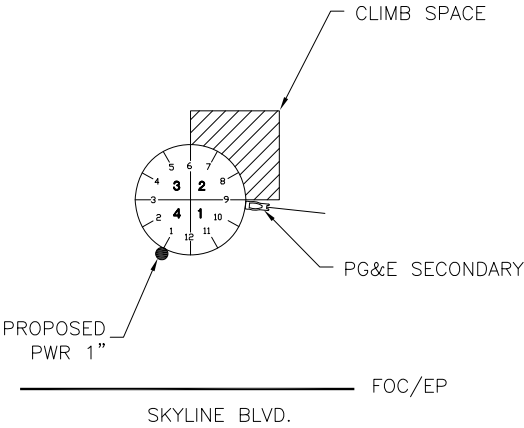
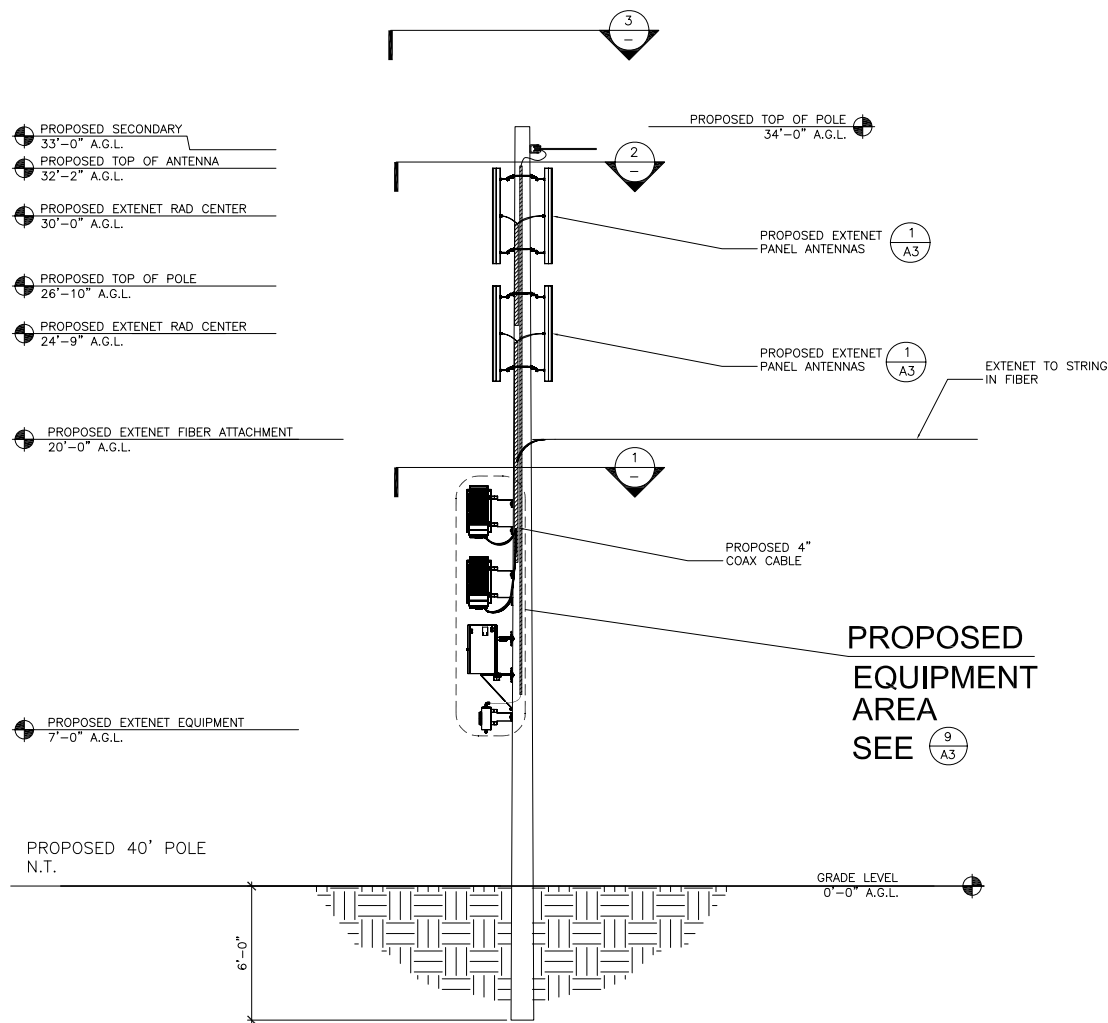
1. INSTALL TRANSFORMER AND SECONDARY POWER FOR SERVICE. PER PG&E DESIGN.
2. INSTALL 1" PVC SCH. 80 RISER W/WEATHER HEAD AT 2:00 (QUAD 4) POSITION.
3. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 1" PG&E RISER TO EXTENET METER BOX FROM SECONDARY SERVICE POINT.

MAKE-READY NOTES

6 NOT USED

SCALE: NONE

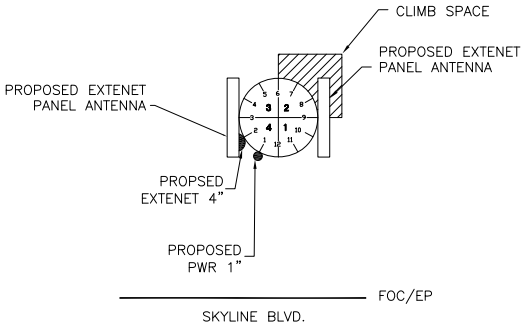
4



POWER SPACE PLAN VIEW

SCALE: NONE

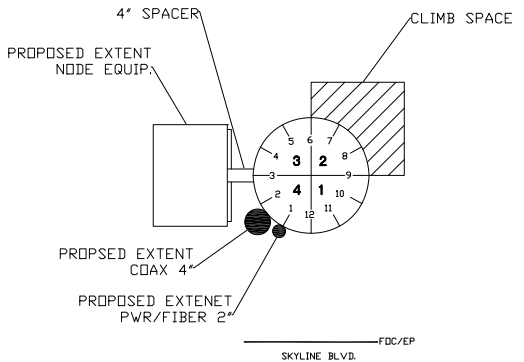
3



ANTENNA SPACE PLAN VIEW

SCALE: NONE

2



5 NODE POLE RISER DETAIL

SCALE: NONE

1

PROPOSED ELEVATION NORTH

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WOODSIDE, CA 94062

SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A2

3

NOT USED

SCALE: NONE

14

NOT USED

SCALE: NONE

13

NOT USED

SCALE: NONE

12

NOTICE

6"

4"

UPON REQUEST, CONTACT THE FOLLOWING FOR TECHNICAL SUPPORT, FCC LICENSING INFORMATION, OR EMERGENCY ASSISTANCE:

866-892-5327

Node ID#

EXTENET TO INSTALL SIGNS PER FCC RULE 94.5 APPENDIX H, EXHIBIT A, AT NODE/ANTENNA POLE M

ADDITIONAL MARKING REQUIREMENTS

ANTENNA OWNER/OPERATORS ARE RESPONSIBLE FOR THE INSTALLATION AND UPKEEP OF THEIR SIGN OR SIGNS AT EACH JOINT USE SITE.

a. IN ADDITION TO THE REQUIREMENTS OF FCC RULE 94.5 (MARKING), AT A MINIMUM, EACH ANTENNA OWNER/OPERATOR WILL ALSO AFFIX A SIGN THAT:

a.a. IDENTIFIES THE APPLICABLE FCC EXPOSURE CATEGORY (GENERAL POPULATION/UNCONTROLLED OR OCCUPATIONAL/CONTROLLED)

a.b. IDENTIFIES THE FCC'S RECOMMENDED MINIMUM APPROACH DISTANCE AS SET FORTH IN 47 C.F.R. AND

a.c. IS OF WEATHER AND CORROSION RESISTANT MATERIAL.

b. THE ANTENNA OWNER/OPERATOR WILL PLACE THE SIGN SO THAT IT IS CLEARLY VISIBLE TO WORKERS WHO OTHERWISE CLIMB THE POLE OR ASCEND BY MECHANICAL MEANS AND AFFIX SAID SIGN:

b.a. NO LESS THAN THREE (3) FEET BELOW THE ANTENNA MEASURED FROM THE TOP OF THE SIGN; AND

b.b. NO LESS THAN NINE(9) FEET ABOVE THE GROUND LINE MEASURED FROM THE BOTTOM OF THE SIGN.

c. THE ANTENNA OWNER/OPERATOR MAY INSTALL A SINGLE SIGN THAT CONTAINS THE INFORMATION REQUIRED BY FCC RULE 94.5 AND SECTION(A) ABOVE, OR SEPARATE SIGNS. IN THE EVENT ONE OR MORE ANTENNAS ARE AFFIXED TO A POLE, EACH ANTENNA OWNER/OPERATOR SHALL PROVIDE A SIGN WITH SUFFICIENT INFORMATION TO ALLOW WORKERS TO IDENTIFY ITS ANTENNAS.

REQUIRED GO95 SIGNAGE

SCALE: NONE

11

PROPOSED EXTENET PANEL ANTENNA

PROPOSED EXTENET PANEL ANTENNA

EXTENET ANTENNA ATTACHMENT

SCALE: 1"=1'-4"

10

PROPOSED EXTENET 4" COAX SCH. 40 PVC CONDUIT

2 FUTURE EXTENET DELTA NODES FOR FUTURE EXPANSION

5 PROPOSED EXTENET DELTA NODE MOUNTING BRACKET

2 PROPOSED EXTENET DELTA NODE DDR206

11 3 PROPOSED EXTENET BATTERY BACK-UP XUP-1000-7070

4 PROPOSED EXTENET MILBANK METER BOX U7490-RL

8 PROPOSED EXTENET SQUARE D ENCLOSED CIRCUIT BREAKER Q02100BNRB

PROPOSED PG&E PWR 1" SCH. 80 PVC CONDUIT

EXTENET EQUIPMENT CONFIGURATION

SCALE: 1"=1'-4"

9

4 1/8"

TOP VIEW

4 1/8"

7 1/4"

1"-1 1/8"

7"

LEFT SIDE VIEW

FRONT VIEW

SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB

SCALE: 1"=1"

8

NOT USED

SCALE: 1"=1"

7

NOT USED

SCALE: NONE

6

TOP VIEW

1'-1"

1 1/2"

6 5/8"

11'-11"

LEFT SIDE VIEW

FRONT VIEW

DELTA NODE MOUNTING BRACKET

SCALE: 1"=1"

5

5"

TOP VIEW

3 5/16"

8"

11 1/2"

5"

LEFT SIDE VIEW

FRONT VIEW

BOTTOM VIEW

MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

SCALE: 1"=1"

4

11 3/8"

TOP VIEW

11 3/8"

1'-3 3/4"

2'-2"

LEFT SIDE VIEW

FRONT VIEW

BATTERY BACK-UP XUPs 1000-7070

SCALE: 1"=1"

3

11 3/4"

2'-5"

5 1/4"

TOP VIEW

5 1/4"

7 7/8"

1'-6"

SIDE VIEW

2 3/4"

9 5/8"

11 3/4"

10 3/8"

11 3/4"

10 3/8"

11 3/4"

FRONT VIEW

BACK VIEW

BOTTOM VIEW

DELTA NODE DDR206

SCALE: 1"=1"

2

4 1/8"

TOP VIEW

4 1/8"

1'-2 3/4"

4'-3 1/4"

LEFT SIDE VIEW

FRONT VIEW

KATHREIN ANTENNA 840-21410

SCALE: 1/2"=1"

1

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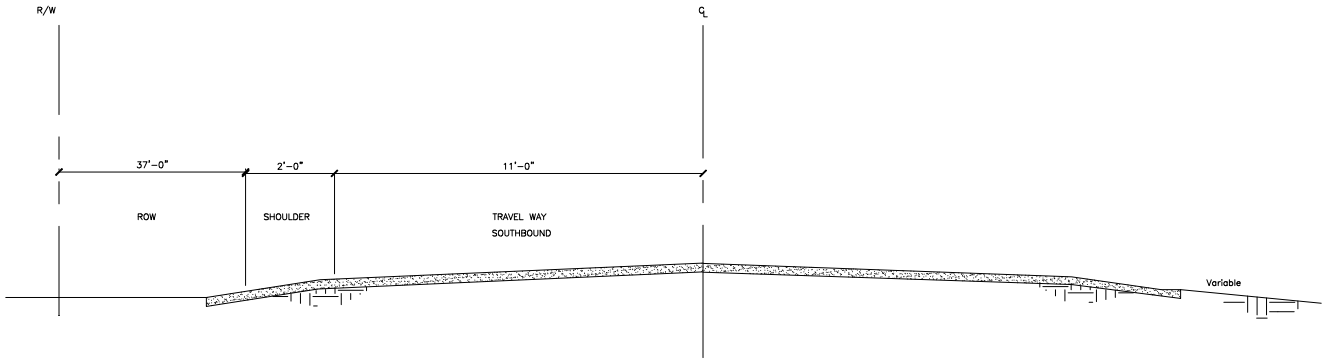
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SHEET TITLE:

AERIAL DETAILS

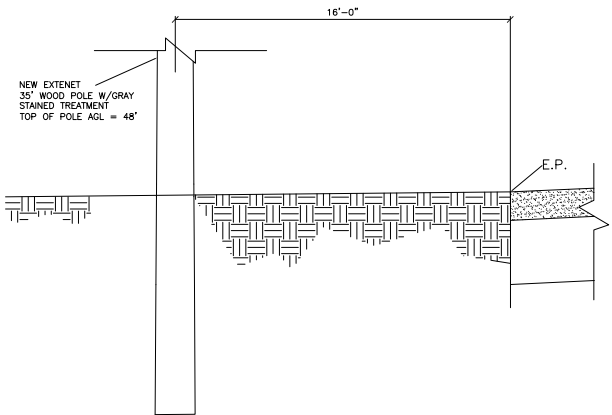
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SHEET NUMBER:	REVISION:	
A3		3



TYP. HIGHWAY CROSS SECTION

SCALE:
1"=1'

9



NOT USED

SCALE:
NONE

12

EXTENET NODE POLE CROSS SECTION

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

8

NOT USED

SCALE:
NONE

3

NOT USED

SCALE:
1"=1'

11

NOT USED

SCALE:
1"=1'

7

NOT USED

SCALE:
1"=1'

5

NOT USED

SCALE:
1"=1'

2

NOT USED

SCALE:
NONE

10

NOT USED

SCALE:
NTS

6

NOT USED

SCALE:
NTS

4

NOT USED

SCALE:
NTS

1

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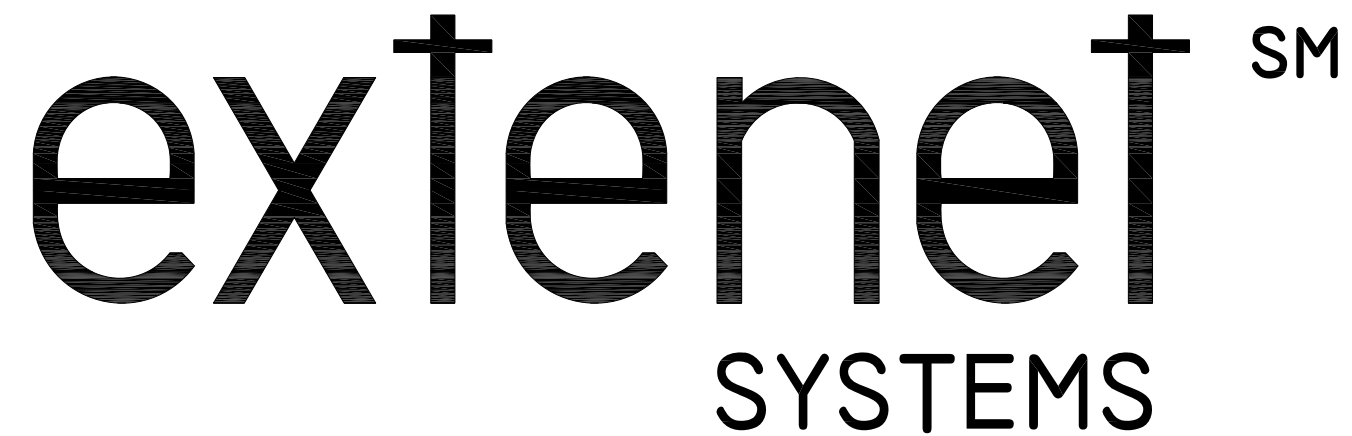
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UNDERGROUND DETAILS

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SHEET NUMBER:		REVISION:

A4

3



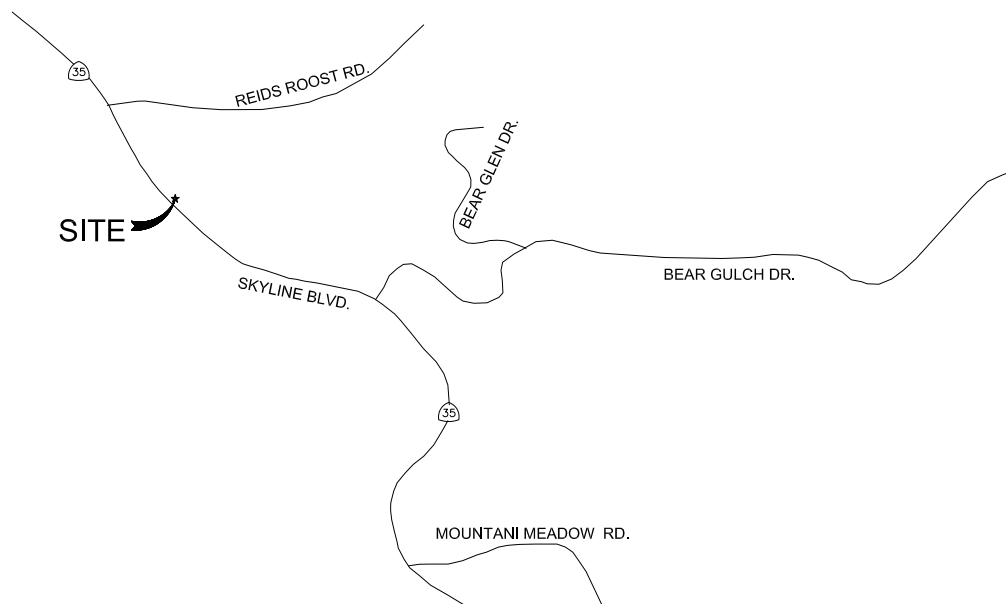
HWY 35 - PROJECT

HWY8435 - 010B

POST MILE MARKER 13.53

15975 SKYLINE BLVD. (ACROSS STREET)

WOODSIDE, CA 94062



CLIENT

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CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.40101
LONG: -122.29745

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SHEET	DESCRIPTION
T1	TITLE SHEET
T2	GENERAL CONSTRUCTION NOTE & ANTENNA CABLE SCHEDULE
A1	SITE PLAN
A2	UTILITY POLE ELEVATIONS/RISER DETAILS
A3	AERIAL DETAILS
A4	UNDERGROUND DETAILS



3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
4	04/26/10	REVISION PER CALTRANS COMMENTS
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/25/10	REVISION PER PG&E POWER DESIGN
1	11/11/09	REVISION PER EXISTENT REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

04/26/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

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LICENSURE:

SITE NO.:

HWY8435-010B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 010B

15975 SKYLINE BLVD. (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:

TITLE SHEET

DRAWN BY:
VG

CHECKED BY:
AF

APPROVED BY:
KM

SHEET NUMBER:











































T1

REVISION:

REVISION:
4

VICINITY MAP



A.B. ABV. AFF AFG ACL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BN B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL.) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(") FTG GA GI G.F.J. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB IN(") INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPIACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDTH(WIDTH) WITH WOOD	MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDTH(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUND S 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2'[051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3'[076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4'[1.02M] CARRIER CONDUIT TO 3'[076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3'[076M] SCH. 80 TO 2'[051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8'[010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40'[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30'[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1'[.025M] UNDER CONDUITS, AND 6'[1.52M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2'[.038M] FOR AC CAP.
- IN DIRT SLURRY 18'[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12'[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2"[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CABLE NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90' SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2'[051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6'[1.83M] FROM TRANSMIT ANTENNA, WHICH IS 24'[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2'[013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION	
ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	29'-9"
BOTTOM GRADE	25'-5"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4"-Ø
EXT. RISER LENGTH	28'-1"
EXT. RISER BTM GRADE	14'-5"
PWR RISER SIZE	1"-Ø
PWR RISER LENGTH	14'-0"
PWR RISER BTM GRADE	8'-0"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

extenetSM
SYSTEMS

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04/26/10

PLANS PREPARED BY:



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LICENSURE:

SITE NO.:

HWY8435-010B

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 010B

15975 SKYLINE BLVD. (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	REVISION: 4

LOADING AND ANTENNA CABLE SCHEDULES

1

2

ANTENNA & CABLE SCHEDULE					
ANTENNA SECTOR	AZIMUTH	ANTENNA MAKE / MODEL	COAXIAL CABLE LENGTH	CABLES PER SECTOR	CABLE SIZE
SECTOR ALPHA	316°	KATHREIN 840 21410	45'-9"	2	1/2"
SECTOR BETA	127°	KATHREIN 840 21410	45'-9"	2	1/2"
SECTOR GAMMA					
NOTE: CONTRACTOR TO FIELD VERIFY CABLE LENGTHS PRIOR TO ORDERING, FABRICATION, OR INSTALLATION OF CABLES.					

THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

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1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113

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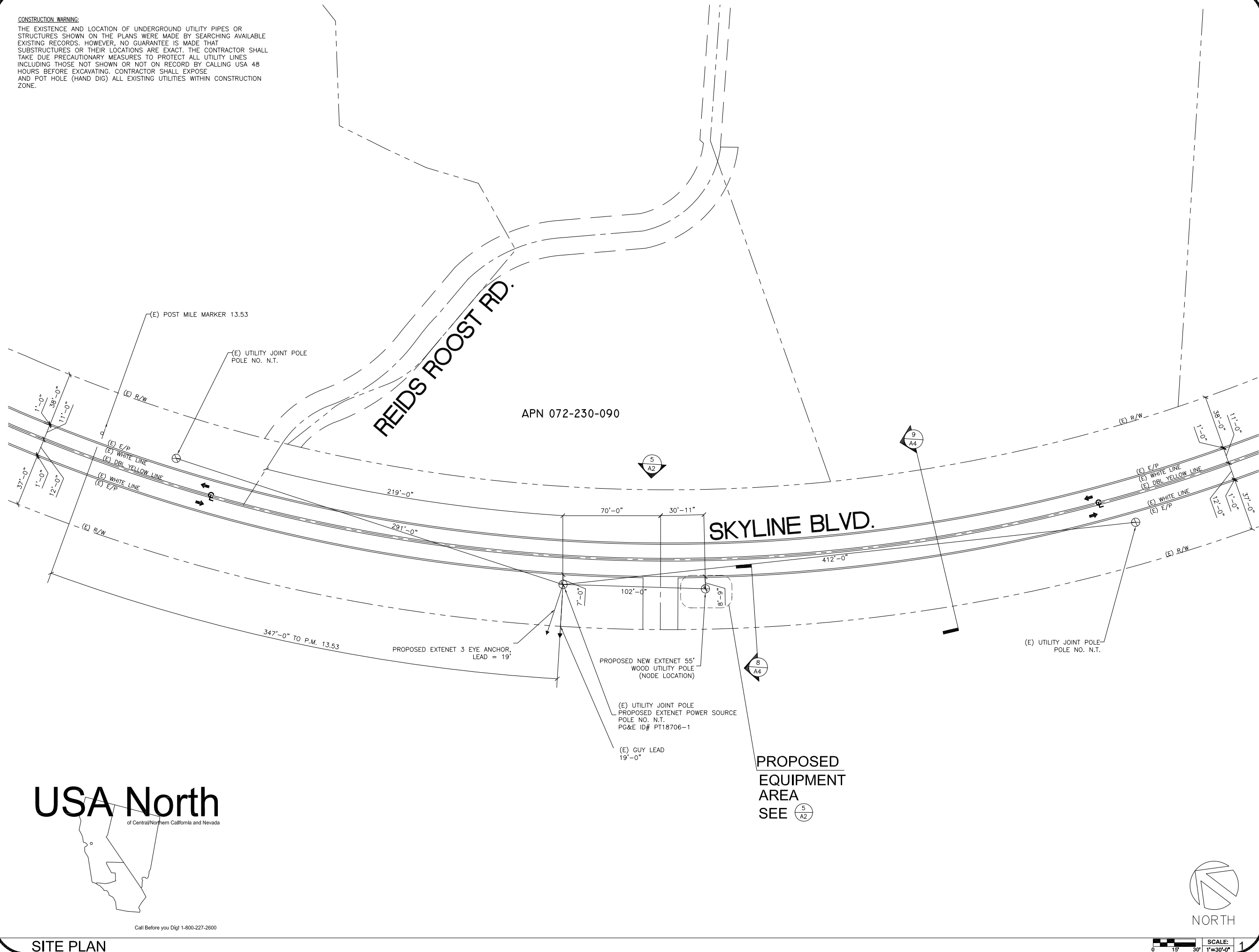
HWY8435-010B

HIGHWAY 84/35 NETWORK NODE 010B
15975 SKYLINE BLVD. (ACROSS STREET)
WOODSIDE, CA 94062

SITE PLAN

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER: A 1		REVISION: 1

A1 REVISION: 4



USA North

of Central/Northern California and Nevada

of Central/Northern California and Nevada

Call Before you Dig! 1-800-227-2600

SITE PLAN

EXTENET MAKE-READY

1. INSTALL 55', CLASS 2, DOUGLAS FIR UTILITY POLE, PER SITE PLAN.
2. FLUSH MOUNT 4 PANEL ANTENNAS TOP AT 45'-2" GRADE. SECOND SET 1' BELOW PER ELEVATION.
3. STRING IN FIBER/POWER STRAND AND ATTACH AT 23'-0" GRADE W/ANCHOR GUY. PER FIBER DESIGN.
4. INSTALL DELTA NODE RADIOS, BATTERY BACK-UP AND ELEC. ENCLOSURE AT 6:00 POSITION W/MIN. 4" SPACING FROM POLE.
5. INSTALL 4" PVC SCH. 40 COAX RISER AT 7:50 POSITION.
6. INSTALL 2" PVC SCH. 40 FIBER/PWR RISER AT 8:50 POSITION.

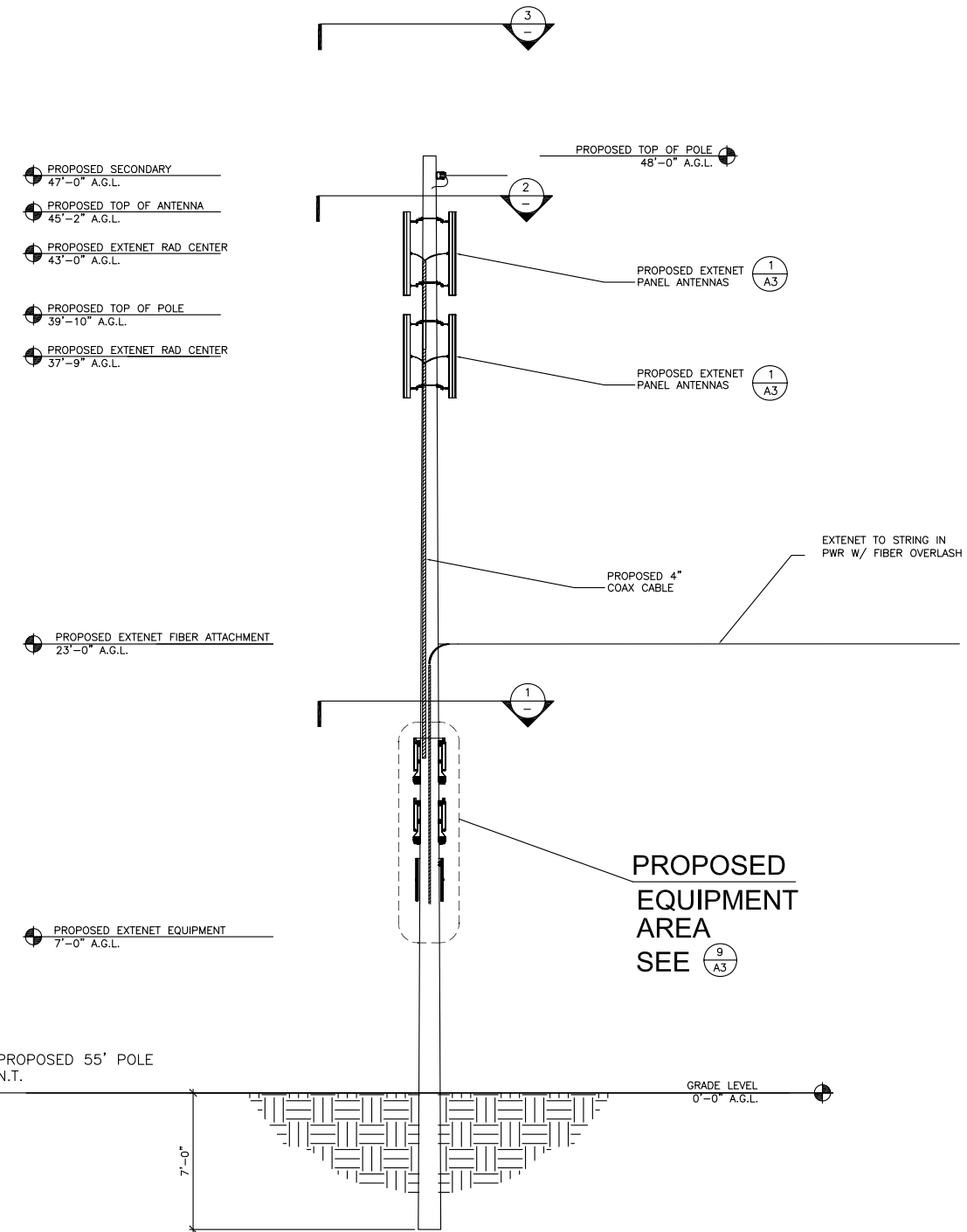
POWER MAKE-READY

1. STRING IN SECONDARY POWER FROM PG&E POLE APPROX. 102' NORTH WEST OF PROPOSED NODE POLE. (SEE SITE PLAN/POWER DESIGN)
2. INSTALL TRANSFORMER AND SECONDARY POWER FOR SERVICE, PER PG&E DESIGN.
3. INSTALL 2" PVC SCH. 80 RISER W/WEATHER HEAD AT 8:50 (QUAD 1) POSITION.
4. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 2" PG&E RISER TO EXTENET METER BOX FROM SECONDARY POWER AT 47'-0" GRADE.

MAKE-READY NOTES

6 NOT USED

SCALE: NONE 4

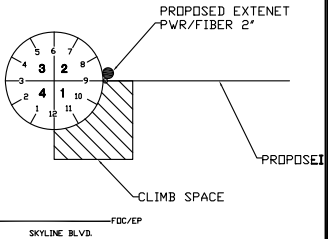


NORTH POLE ELEVATION

SCALE: 1/4"=1'-0" 5

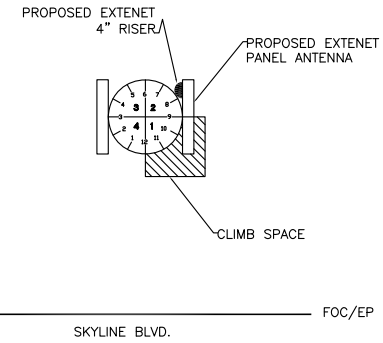
EQUIPMENT RISER DETAIL

SCALE: NONE 1



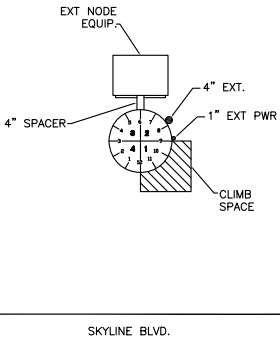
POWER SPACE PLAN VIEW

SCALE: NONE 3



ANTENNA SPACE PLAN VIEW

SCALE: NONE 2



extenetSM
SYSTEMS

3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
4	04/26/10	REVISION PER CALTRANS COMMENTS
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/25/10	REVISION PER PG&E POWER DESIGN
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

04/26/10

PLANS PREPARED BY:



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Group, Inc.**

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LICENSURE:

SITE NO.:

HWY8435-OIOB

SITE NAME & ADDRESS:

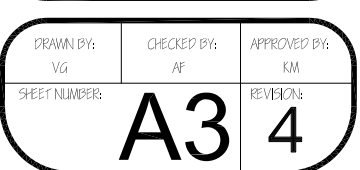
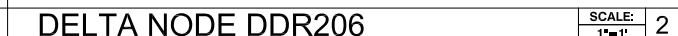
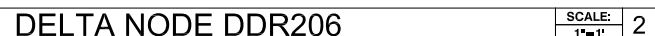
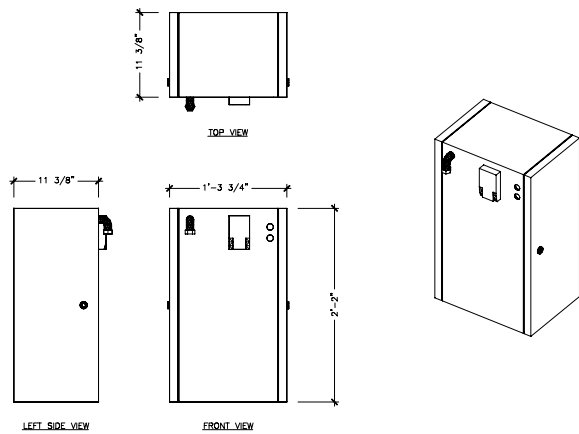
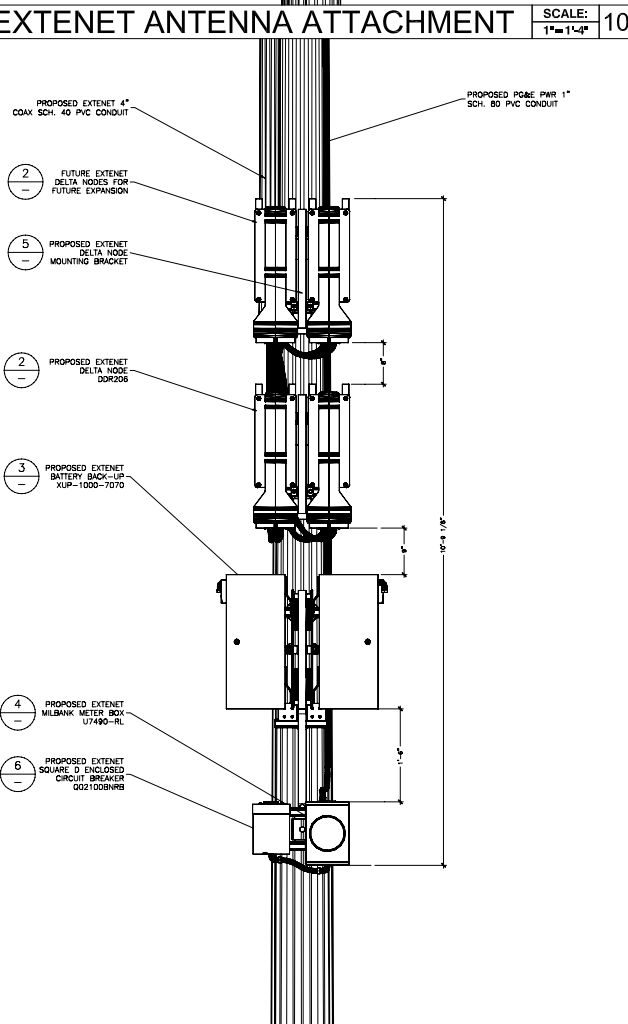
HIGHWAY 84/35 NETWORK NODE OIOB
15975 SKYLINE BLVD. (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A2 4

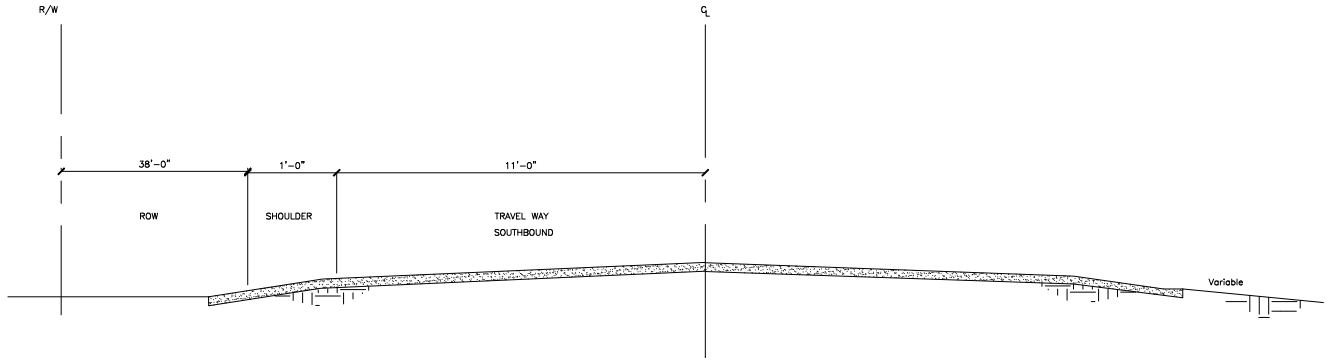


REQUIRED G095 SIGNAGE	SCALE:	11
	NONE	

EXTENET EQUIPMENT CONFIGURATION	SCALE: 1"=1'-4"	9
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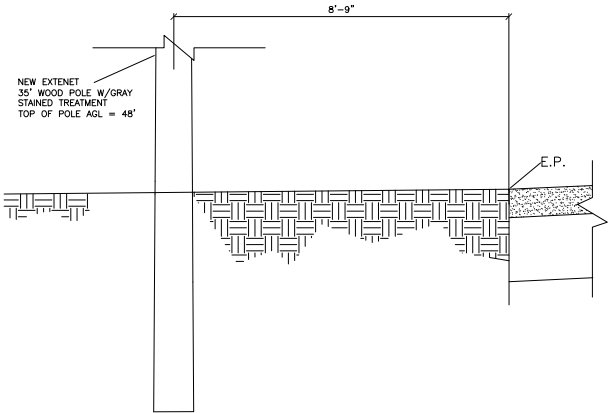
DELTA NODE MOUNTING BRACKET	SCALE: 1"=1'	5
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KATHREIN ANTENNA 840-21410	SCALE:	1
	1/2"=1'	



TYP. HIGHWAY CROSS SECTION

SCALE: 1"=1' 9



SCALE: 1/2"=1'-0" 8

NOT USED

SCALE: NONE 12

EXTENET NODE POLE CROSS SECTION

NOT USED

SCALE: NONE 3

NOT USED

SCALE: 1"=1' 11

NOT USED

SCALE: 1"=1' 7

NOT USED

SCALE: 1"=1' 5

NOT USED

SCALE: 1"=1' 2

NOT USED

SCALE: NONE 10

NOT USED

SCALE: NTS 6

NOT USED

SCALE: NTS 4

NOT USED

SCALE: NTS 1

extenetSM
SYSTEMS

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WOODSIDE, CA 94062

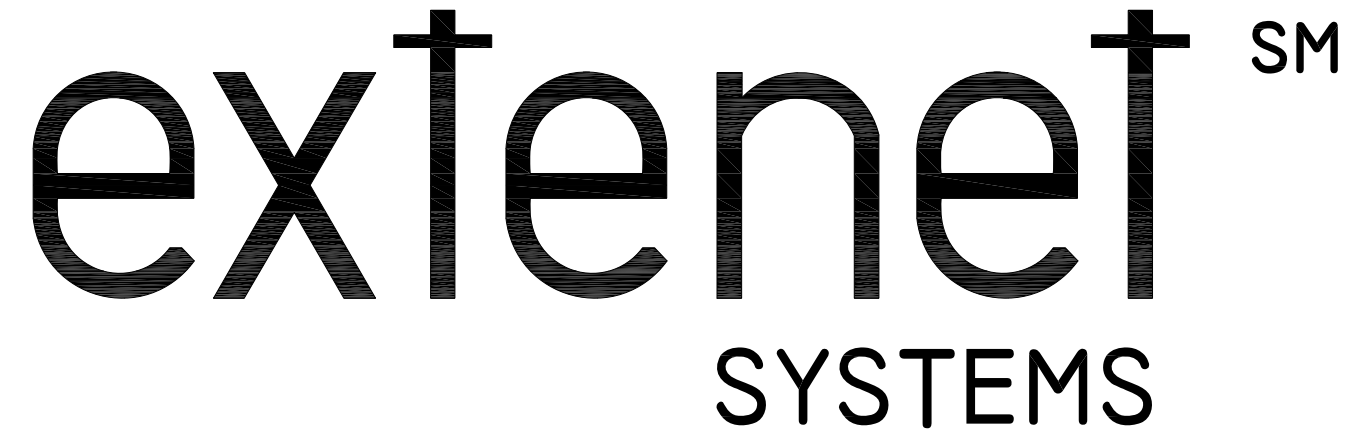
SHEET TITLE:

UNDERGROUND DETAILS

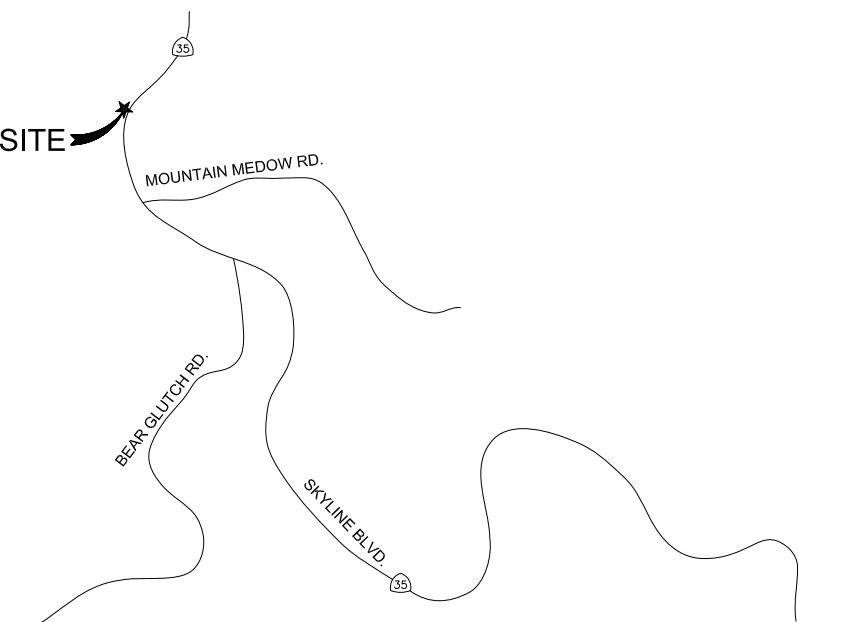
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SHEET NUMBER:		REVISION:

A4

4



HWY 35 - PROJECT
HWY8435 - 011A
POST MILE MARKER 13.13
16075 SKYLINE BLVD.
WOODSIDE, CA 94062



VICINITY MAP



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.39745
LONG: -122.29431

SHEET INDEX	
SHEET	DESCRIPTION
T1	TITLE SHEET
T2	GENERAL CONSTRUCTION NOTE & ANTENNA CABLE SCHEDULE
A1	SITE PLAN
A1.2	PLAN AND PROFILE
A2	UTILITY POLE ELEVATIONS/RISER DETAILS
A3	AERIAL DETAILS
A4	UNDERGROUND DETAILS



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SITE NO.:

HWY8435-011A

SITE NAME & ADDRESS:











































HIGHWAY 84/35 NETWORK NODE 0011A

16075 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

TITLE SHEET

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T1	3

A.B. ABV. AFF AGL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BM B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(') FTG GA GI G.F.I. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB IN(') INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADOWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL (N) NO.(#) N.T.S. O.C. OPNG P/C PCS PLYWD(PLY) PPC PRC PSF PSI P.T.D.F. PWR QTY RAD(R) REF REIN REQ'D RGS SCH SHT SIM SPEC SQ S.S. STD STL STRUC TEMP THK T.N. T.O.A. T.O.C. T.O.F. T.O.P. T.O.S. T.O.W. TYP UG UL U.N.O. V.I.F. W W/ WD	MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

3

LOADING AND ANTENNA CABLE SCHEDULES

1

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before You Dig! 1-800-227-2600

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUPS 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2"[051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3'[076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4"[1.02M] CARRIER CONDUIT TO 3"[076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3"[076M] SCH. 80 TO 2"[051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8"[010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40"[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30"[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1"[.025M] UNDER CONDUITS, AND 6"[.152M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2"[.038M] FOR AC CAP.
- IN DIRT SLURRY 18"[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12"[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- Vaults, pedestals, conduits and other types of substructure are either specified on this plan or will be specified by the construction engineer. any and all deviations from the specified types of material must be approved by the system engineer, in writing before installation thereof.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2"[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CABLE NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90' SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2"[051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6'[1.83M] FROM TRANSMIT ANTENNA, WHICH IS 24'[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2"[013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION	
ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	38'-3"
BOTTOM GRADE	34'-0"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4"ø
EXT. RISER LENGTH	23'-9"
EXT. RISER BTM GRADE	15'-11"
PWR RISER SIZE	2"ø
PWR RISER LENGTH	8'-0"
PWR RISER BTM GRADE	0'-0"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

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REV.	DATE	DESCRIPTION
3	04/26/10	REVISION PER CALTRANS COMMENTS
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

04/26/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

1351 POMONA ROAD
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OFFICE: (909) 786-2170
FAX: (909) 992-3113

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LICENSURE:

SITE NO.:

HWY8435-011A

SITE NAME & ADDRESS:

HIGHWAY 84/ 35 NETWORK NODE 0011A

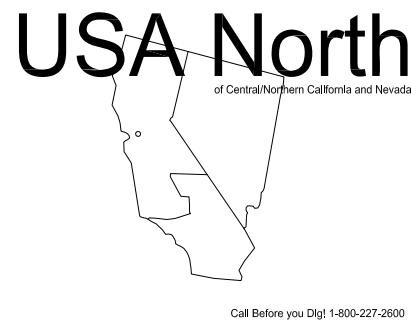
16075 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	3

THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES AND STRUCTURES. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE EXISTING AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.



	SCALE:	1
	1' = 30'-0"	



REV.	DATE	DESCRIPTION
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HIGHWAY 84/35 NETWORK NODE 0011A

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WOODSIDE, CA 94062

SHEET TITLE:

SITE PLAN

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER: A1		REVISION: 3

CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.



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SHEET TITLE:

PLAN AND PROFILE

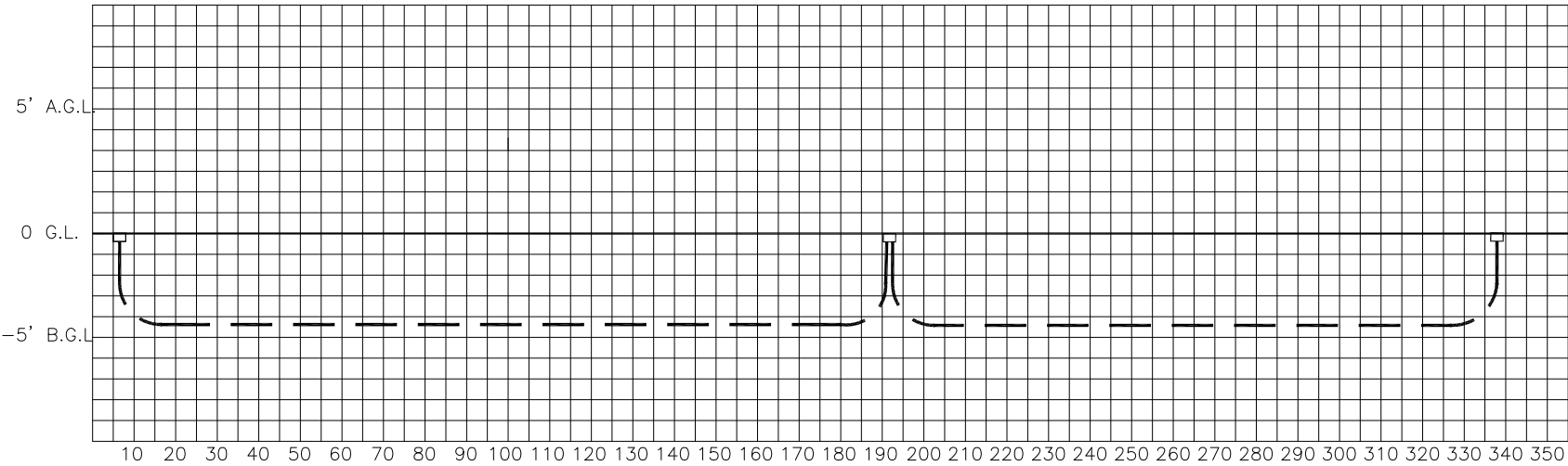
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SHEET NUMBER:		REVISION:

A1.2 3

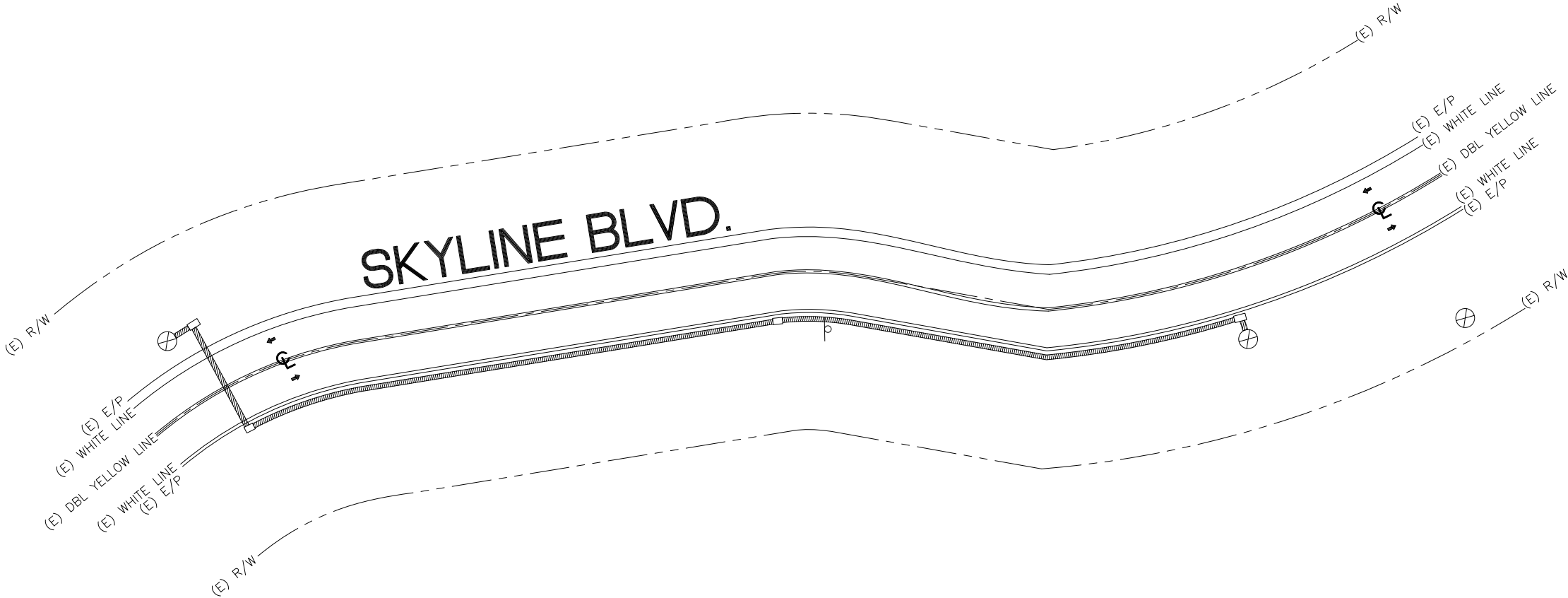
EXTENET NEW FACILITIES PROFILE

LEGEND

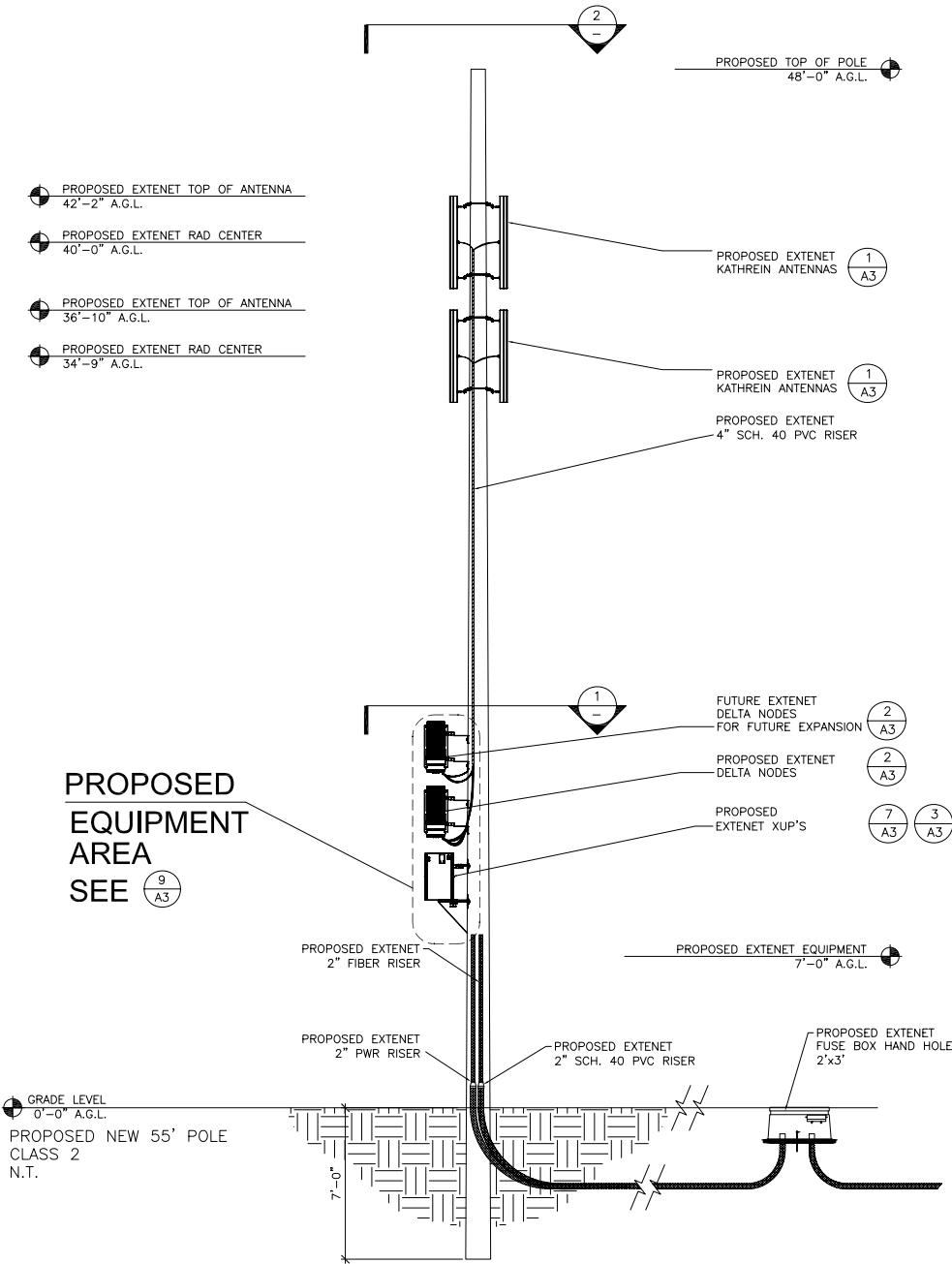
TRENCH — —



SKYLINE BLVD



PROPOSED NEW NODE POLE



PROPOSED
EQUIPMENT
AREA
SEE (9 A3)

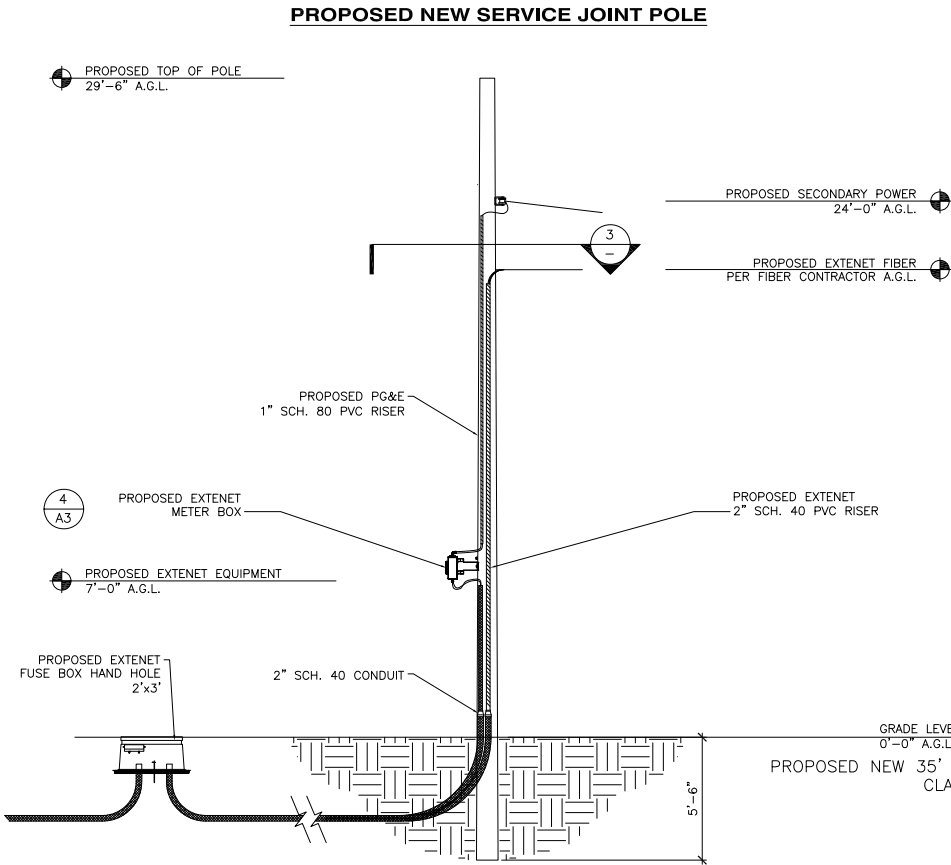
PROPOSED ELEVATION WEST

SCALE: 1/4"=1'-0" 6

EXTENET MAKE-READY

1. INSTALL NEW 55' CLASS 2 NODE POLE IN ROW (SEE SITE PLAN FOR LOCATION) POLE IS CUSTOMER OWNED.
2. INSTALL NEW 35' CLASS 3 SERVICE POLE IN ROW. METER TO BE SET ON SERVICE POLE(SEE SITE PLAN FOR LOCATION)
3. FLUSH MOUNT TOP OF ANTENNA AT 42'-2" GRADE, (2) 51" PANEL ANT. (KATHREIN 840 21410) ON NODE POLE. ALSO ADD SECOND SET OF ANTENNAS AT 36'-10" GRADE.
4. INSTALL EXTENET NODE EQUIPMENT TO STAND-OFF BRACKET (4" OFF OF POLE) AT THE 3:00 POSITION (BETWEEN QUAD. 3-4) ON NODE POLE
5. INSTALL METER TO STAND-OFF BRACKET (4" OFF OF THE POLE) TO SERVICE POLE AT 3:00 POSITION. (BETWEEN QUAD 1-2)
6. INSTALL 4" EXT CONDUIT AT 2:00 POSITION ON NODE POLE
7. INSTALL 2" EXT. CONDUIT AT 2:50 POSITION ON SERVICE POLE
8. INSTALL 2" EXT FIBER CONDUIT AT 12:00 POSITION ON NODE POLE
9. INSTALL 2" EXT. PWR CONDUIT AT 1:00 POSITION ON NODE POLE
10. STRING IN EXTENET FIBER AND ATTACH AT PER FIBER CONTRACTOR GRADE.

MAKE-READY NOTES

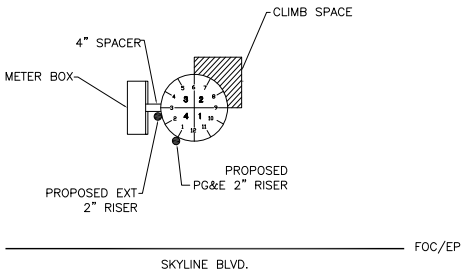


PROPOSED ELEVATION NORTH EAST

SCALE: 1/4"=1'-0" 5

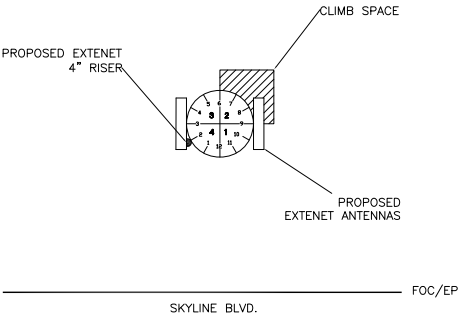
POWER MAKE-READY

1. PG&E TO STRING IN SECONDARY POWER TO EXTENET SERVICE POLE IN ROW APPROX 69' WEST OF PG&E POLE LOCATION. (SEE SITE PLAN FOR LOCATION)
2. INSTALL 2" PG&E CONDUIT AT 1:00 (QUAD 1) POSITION (WITH WEATHER HEAD)
3. PROVIDE 120/240 3-WIRE SINGLE PHASE, 100 AMP SERVICE TO 1" PG&E CONDUIT TO EXTENET METER BOX FROM SECONDARY.



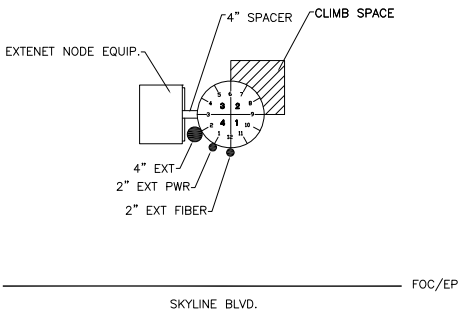
POWER/SERVICE POLE RISE DETAIL

SCALE: NONE 3



COMMUNICATION SPACE PLAN VIEW

SCALE: NONE 2



EQUIP. SPACE PLAN VIEW

SCALE: NONE 1

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SITE NAME & ADDRESS:

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SHEET TITLE:

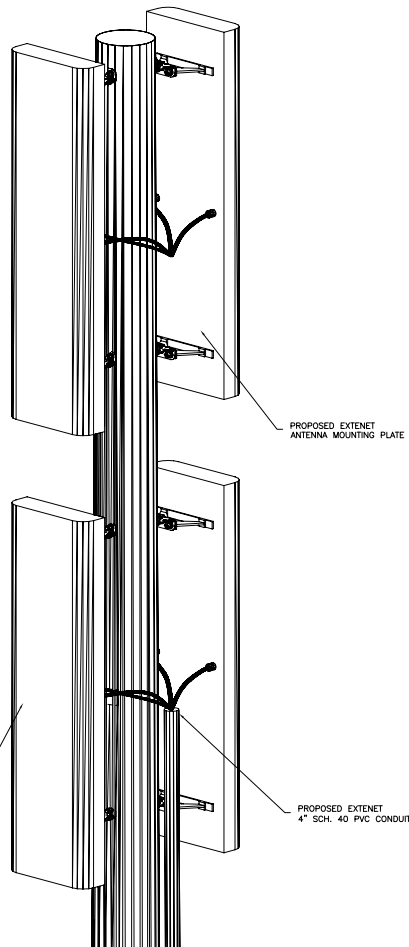
ELEVATIONS & RISER DETAILS

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A2 3

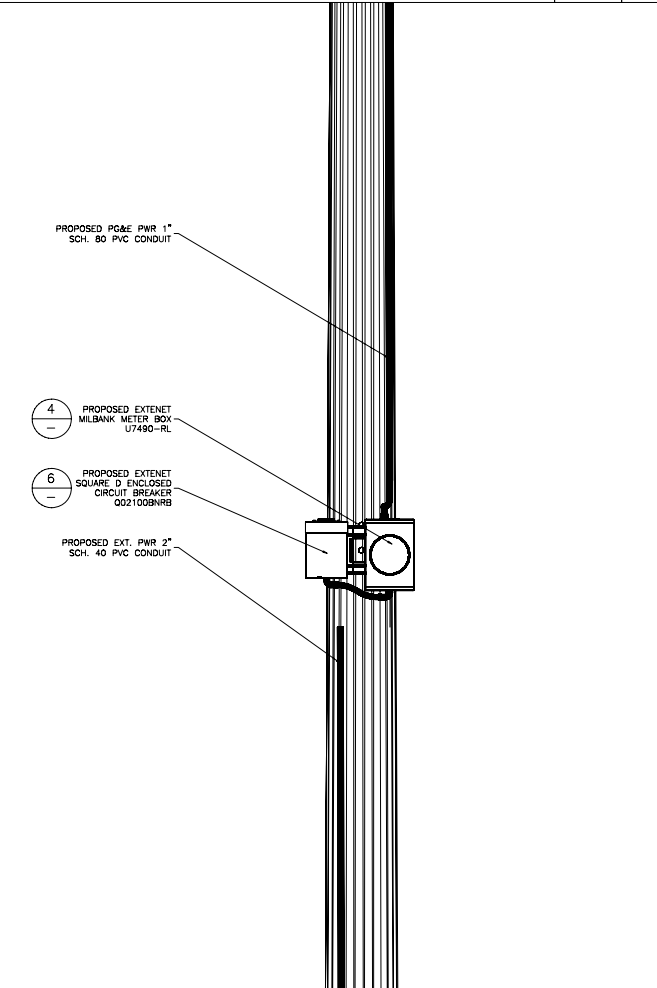
NOT USED

SCALE: NONE 13



NOT USED

SCALE: NONE 12

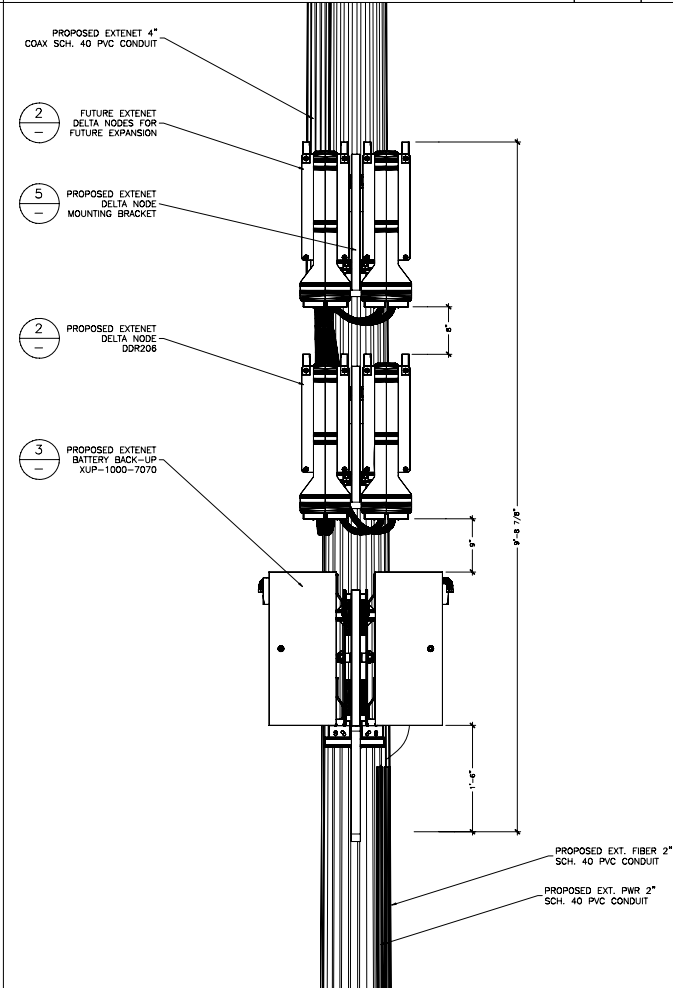


METER EQUIPMENT CONFIGURATION

SCALE: NONE 11

EXTENET ANTENNA ATTACHMENT

SCALE: 1"=1'-4" 10

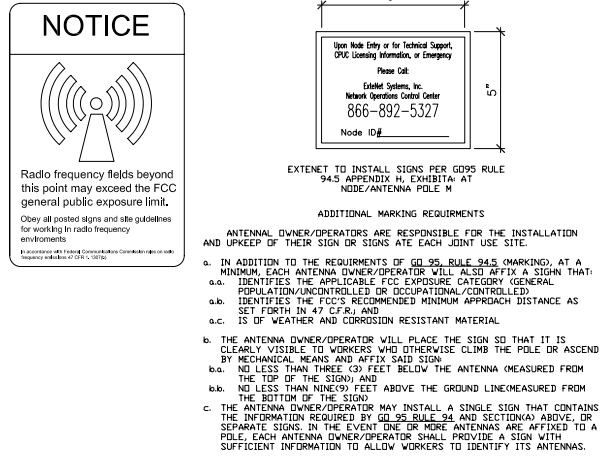


EXTENET EQUIPMENT CONFIGURATION

SCALE: 1"=1'-4" 9

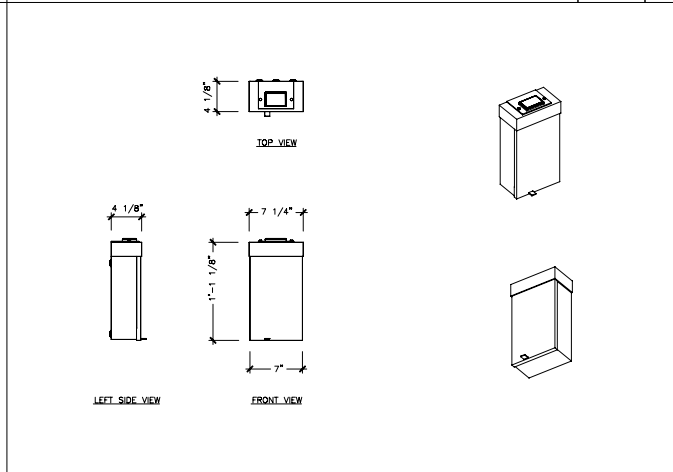
NOT USED

SCALE: NONE 8



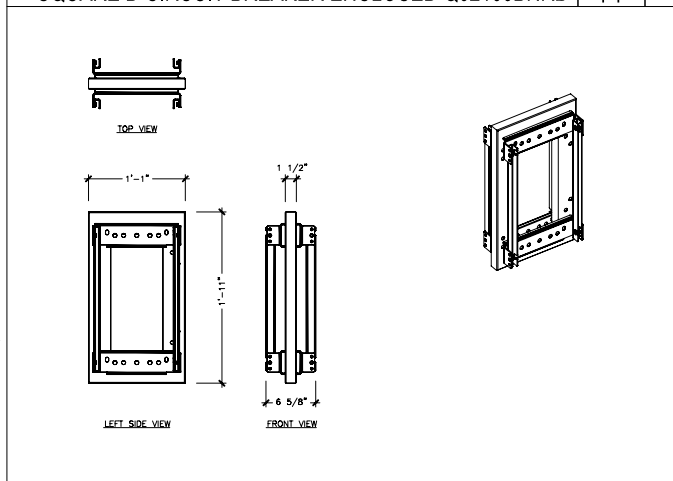
REQUIRED GO95 SIGNAGE

SCALE: NONE 7



SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB

SCALE: 1"=1' 6

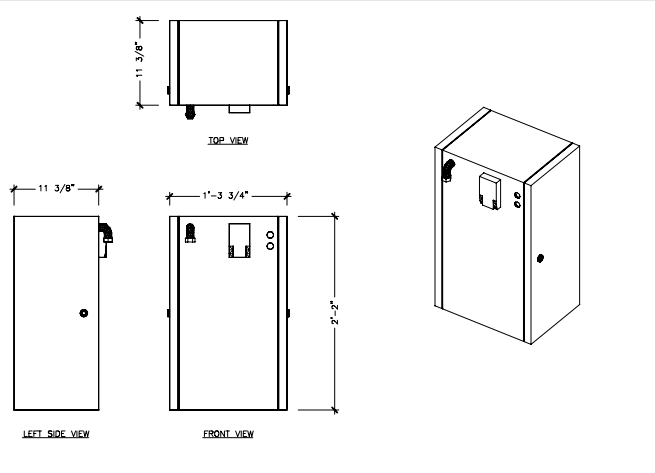


DELTA NODE MOUNTING BRACKET

SCALE: 1"=1' 5

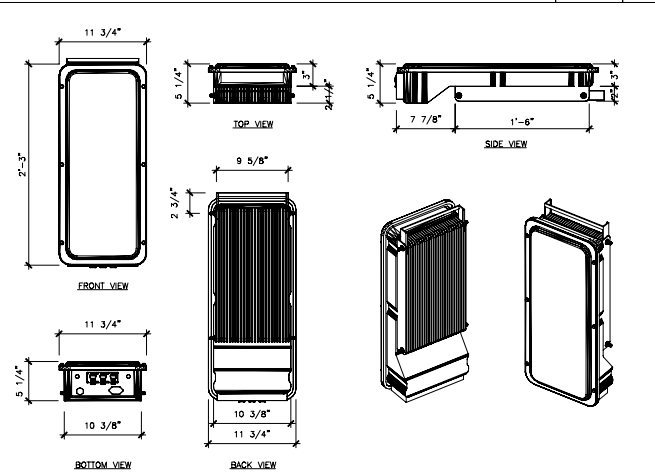
MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

SCALE: 1"=1' 4



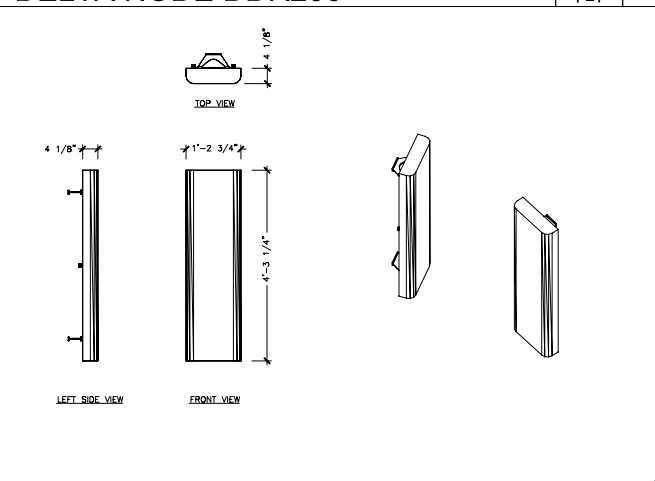
BATTERY BACK-UP XUPs 1000-7070

SCALE: 1"=1' 3



DELTA NODE DDR206

SCALE: 1"=1' 2



KATHREIN ANTENNA 840-21410

SCALE: 1/2"=1' 1

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HIGHWAY 84/35 NETWORK NODE 0011A

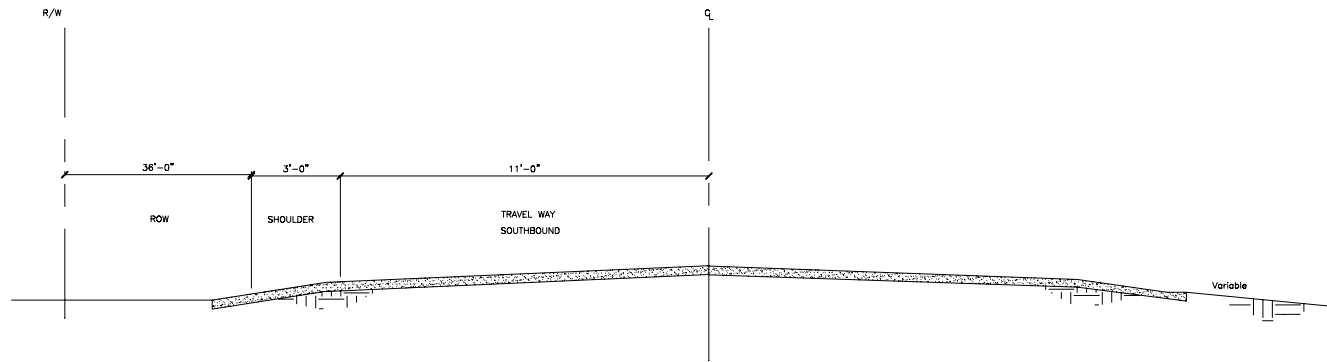
16075 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

AERIAL DETAILS

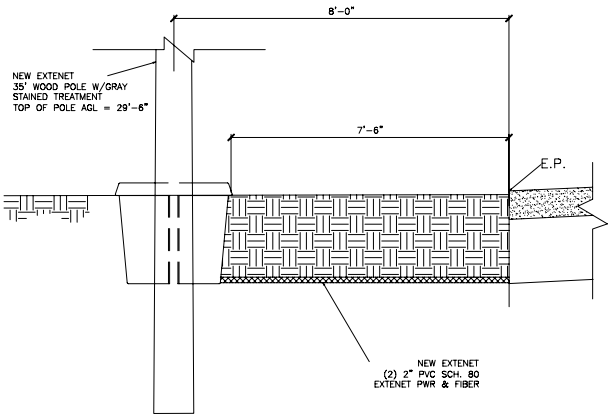
DRAWN BY: MG CHECKED BY: AF APPROVED BY: KM

SHEET NUMBER: A3 3



TYP. HIGHWAY CROSS SECTION

SCALE: 3/8"=1'-0" 9



NOT USED

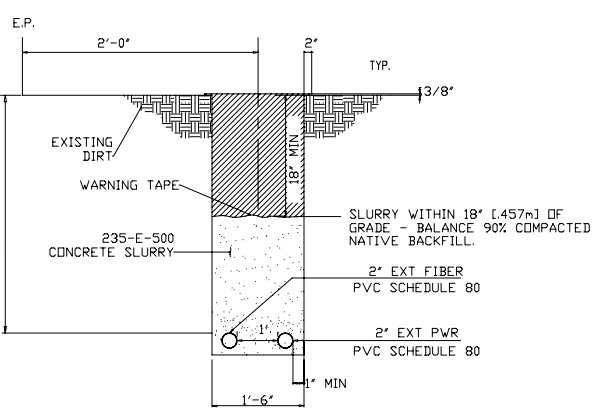
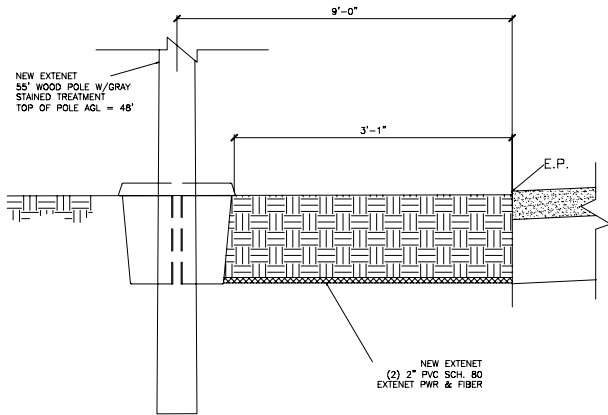
SCALE: NONE 12

EXTENET NODE POLE CROSS SECTION

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

NOT USED

SCALE: 1"=1'-0" 3



NOT USED

SCALE: NONE 11

EXTENET SERVICE POLE CROSS SECTION

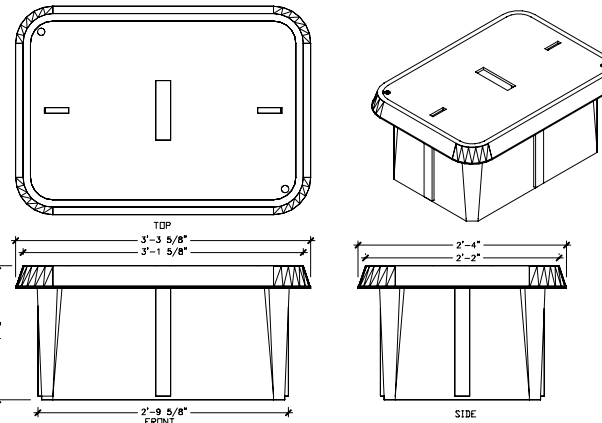
SCALE: 3/8"=1'-0" 7

TRENCH DETAIL

SCALE: 1"=1'-0" 5

NOT USED

SCALE: 1"=1'-0" 2



NOT USED

SCALE: NONE 10

NOT USED

SCALE: NONE 6

NOT USED

SCALE: NONE 4

2'X3' HANDHOLE

SCALE: 1"=1'-0" 1

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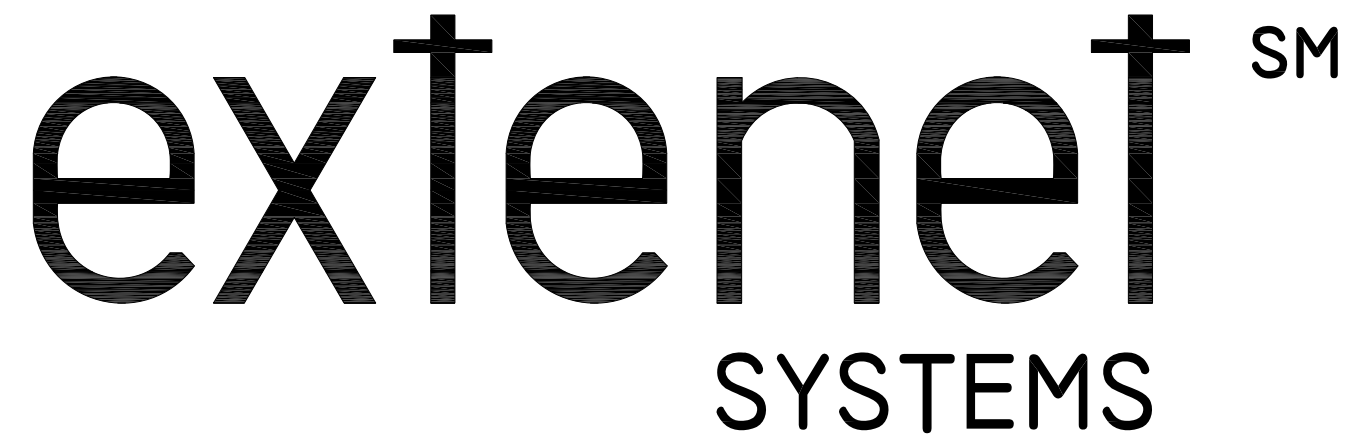
LICENSURE:

SITE NO.:
HWY8435-011A

SITE NAME & ADDRESS:
HIGHWAY 84/35 NETWORK NODE 0011A
16075 SKYLINE BLVD.
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SHEET TITLE:
UNDERGROUND DETAILS

DRAWN BY: MG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	A4	REVISION: 3



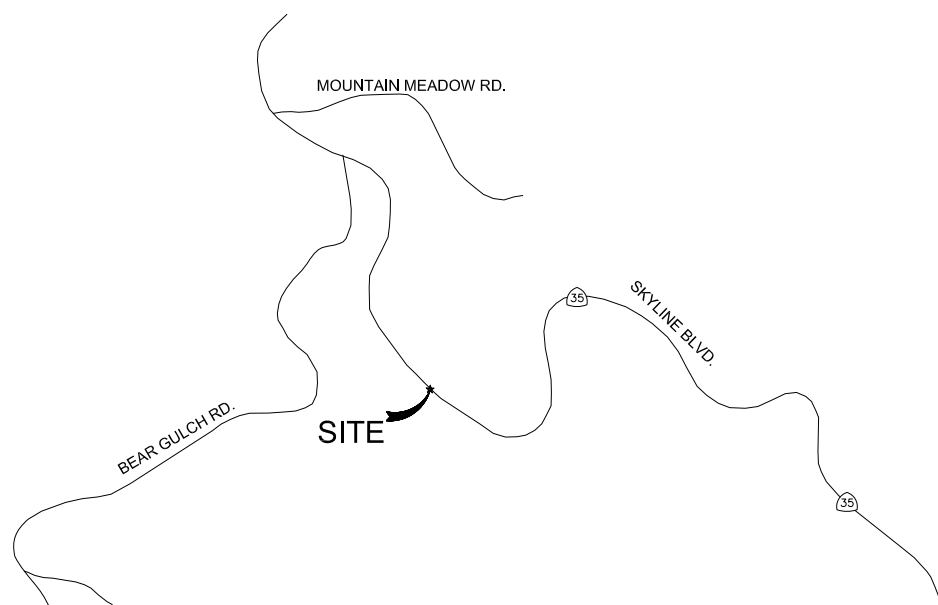
HWY 35 - PROJECT

HWY8435 - 012B

POST MILE MARKER 12.60

30 MPH SIGN SKYLINE BLVD.

WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.39250
LONG: -122.29083

[illegible]

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REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/25/10	REVISION PER PG&E POWER DESIGN
1	11/11/09	REVISION PER EXISTENT REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

1351 POMONA ROAD
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CORONA, CA 92882
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LICENSURE:

SITE NO.:

HWY8435-012B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 012B

30 MPH SIGN SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

TITLE SHEET

DRAWN BY:
VG

CHECKED BY:
AF

APPROVED BY:
KM











































SHEET NUMBER:

REVISION:

T1	REVISION: 3
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VICINITY MAP



A.B. ABV. AFF AFG ACL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BN B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(') FTG GA GI G.F.J. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB INT(') INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD	MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

3

LOADING AND ANTENNA CABLE SCHEDULES

1

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before You Dig! 1-800-227-2600

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-WYED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUPS 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2"[051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3"[076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4"[1.02M] CARRIER CONDUIT TO 3"[076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3"[076M] SCH. 80 TO 2"[051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8"[010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40"[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30"[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1"[.025M] UNDER CONDUITS, AND 6"[1.52M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2"[.038M] FOR AC CAP.
- IN DIRT SLURRY 18"[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12"[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2"[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CABLE NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90' SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2"[051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6'[1.83M] FROM TRANSMIT ANTENNA, WHICH IS 24'[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2"[013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION	
ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	27'-3"
BOTTOM GRADE	22'-11"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4"-Ø
EXT. RISER LENGTH	28'-1"
EXT. RISER BTM GRADE	14'-5"
PWR RISER SIZE	1"-Ø
PWR RISER LENGTH	15'-8"
PWR RISER BTM GRADE	8'-2"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

extenetSM
SYSTEMS

3030 WARRENVILLE RD.
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www.extenet.com

REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/25/10	REVISION PER PG&E POWER DESIGN
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

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LICENSURE:

SITE NO.:

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SITE NAME & ADDRESS:

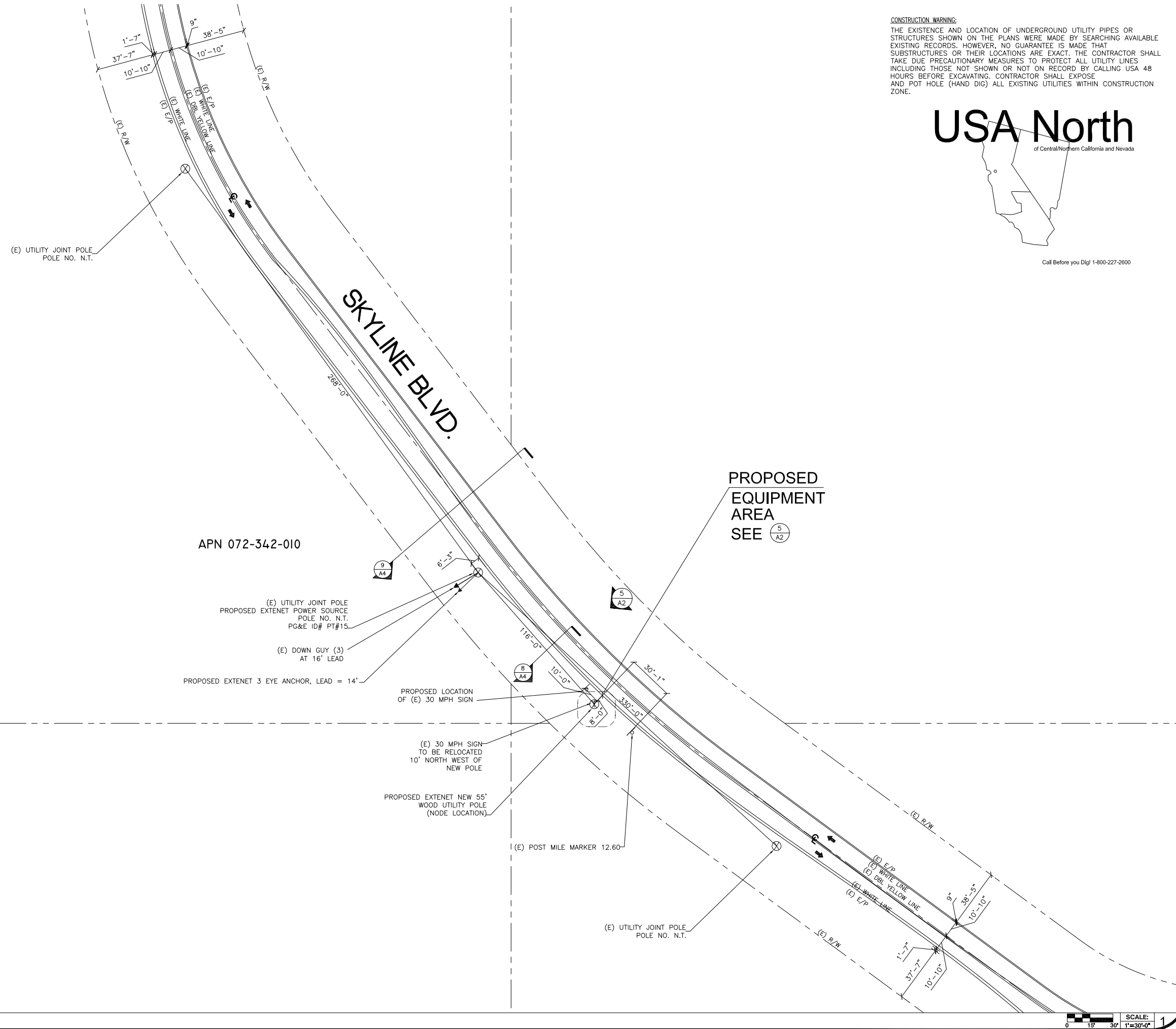
HIGHWAY 84/ 35 NETWORK NODE 012B

30 MPH SIGN SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	3



CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.



3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/25/10	REVISION PER PG&E POWER DESIGN
1	11/11/09	REVISION PER EXTENET REQUESTED ROAD CENTER CHANGE

CURRENT ISSUE DATE:
02/08/10

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SHEET TITLE:
SITE PLAN

DRAWN BY:
VG

CHECKED BY:
AF

APPROVED BY:
KM

SHEET NUMBER:

A1

3



SITE PLAN

SCALE: 1"=30'-0"

EXTENET MAKE-READY

1. INSTALL 55', CLASS 2, DOUGLAS FIR UTILITY POLE, PER SITE PLAN.
2. FLUSH MOUNT 4 PANEL ANTENNAS TOP AT 45'-2" GRADE. SECOND SET 1' BELOW PER ELEVATION.
3. STRING IN FIBER/POWER STRAND AND ATTACH AT 25'-0" GRADE W/ANCHOR GUY. PER FIBER DESIGN.
4. INSTALL DELTA NODE RADIOS, BATTERY BACK-UP AND ELEC. ENCLOSURE AT 3:00 POSITION W/MIN. 4" SPACING FROM POLE.
5. INSTALL 4" PVC SCH. 40 COAX RISER AT 1:30 POSITION.
6. INSTALL 2" PVC SCH. 40 FIBER/PWR RISER AT 1:00 POSITION.

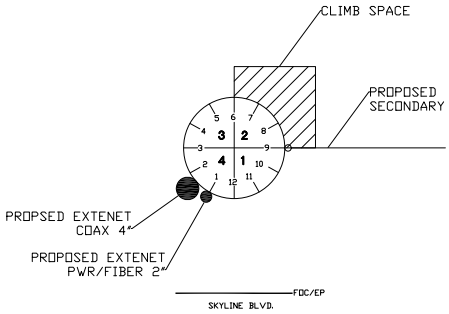
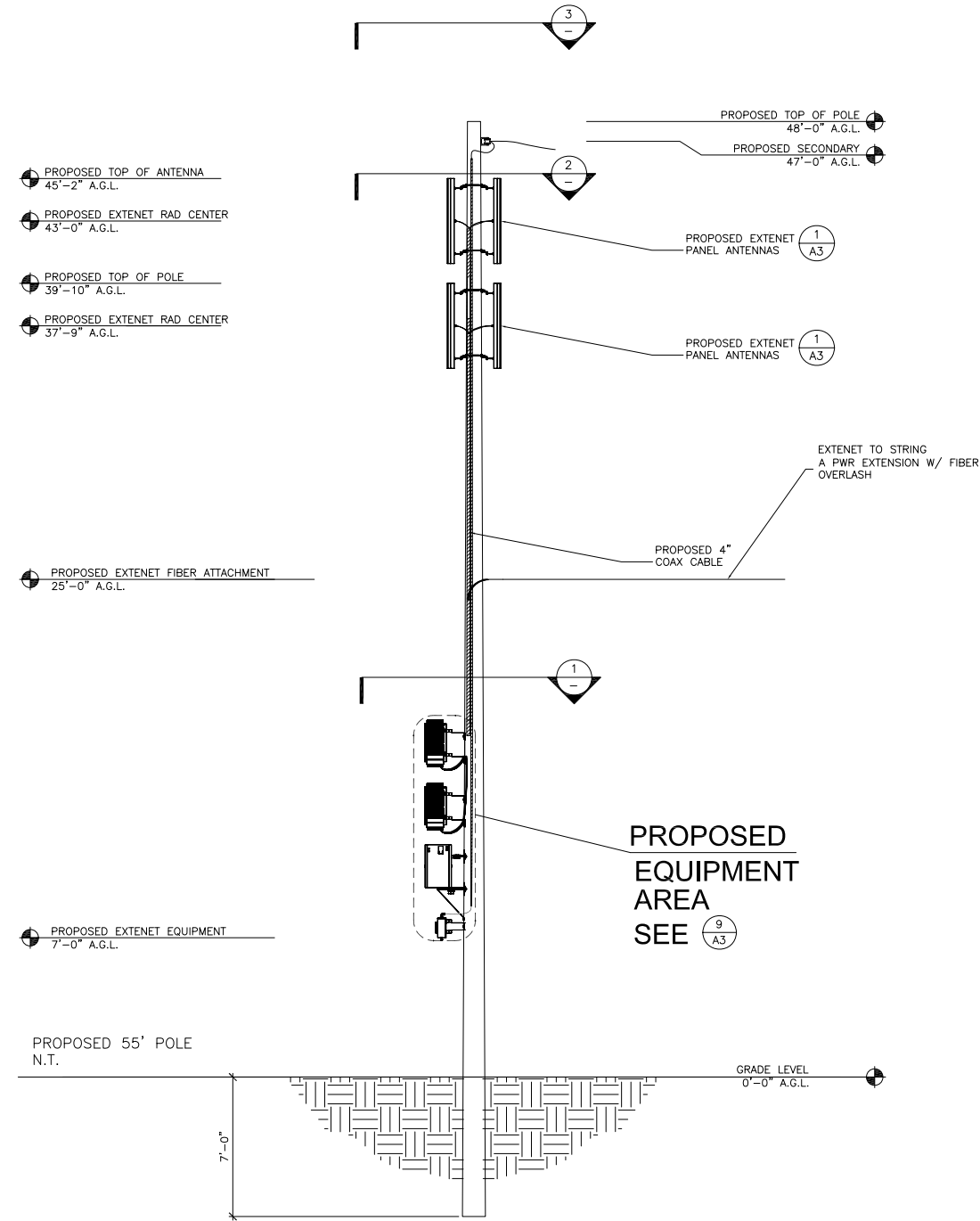
POWER MAKE-READY

1. STRING IN SECONDARY POWER FROM PG&E POLE APPROX. 116' NORTH WEST OF PROPOSED NODE POLE. (SEE SITE PLAN/POWER DESIGN)
2. INSTALL TRANSFORMER AND SECONDARY POWER FOR SERVICE, PER PG&E DESIGN.
3. INSTALL 1" PVC SCH. 80 RISER W/WEATHER HEAD AT 1:00 (QUAD 1) POSITION.
4. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 1" PG&E RISER TO EXTENET METER BOX FROM SECONDARY POWER AT 47'-0" GRADE.

MAKE-READY NOTES

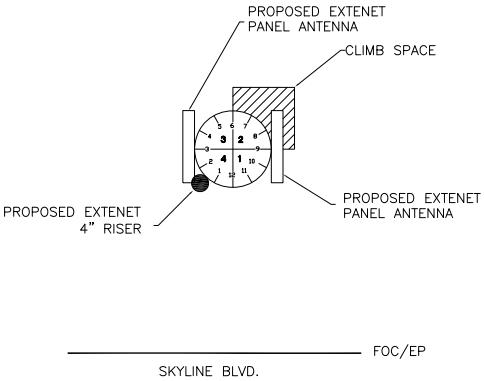
6 NOT USED

SCALE: NONE 4



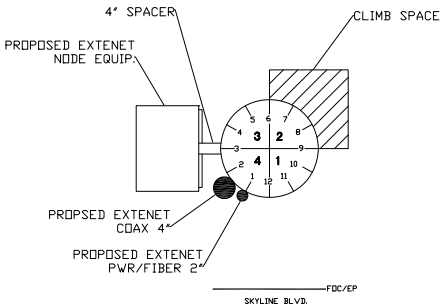
POWER SPACE PLAN VIEW

SCALE: NONE 3



EXTENET ANTENNA PLAN VIEW

SCALE: NONE 2



EQUIPMENT RISER DETAIL

SCALE: NONE 1

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REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/25/10	REVISION PER PG&E POWER DESIGN
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113
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LICENSURE:

SITE NO.:

HWY8435-012B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 012B

30 MPH SIGN SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A2 3

NORTH EAST POLE ELEVATION

SCALE: 1/4"=1'-0"

5

NOT USED

SCALE: NONE

14

NOT USED

SCALE: NONE

13

NOT USED

SCALE: NONE

12

NOTICE

6"

4"

866-892-5327

Node ID#

EXTENET TO INSTALL SIGNS PER G095 RULE 94.5 APPENDIX H, EXHIBIT A: AT NODE/ANTENNA POLE M

ADDITIONAL MARKING REQUIREMENTS

a. IN ADDITION TO THE REQUIREMENTS OF G095 RULE 94.5 (MARKING), AT A MINIMUM, EACH ANTENNA OWNER/OPERATOR WILL ALSO AFFIX A SIGN THAT:

a.a. IDENTIFIES THE APPLICABLE FCC EXPOSURE CATEGORY (GENERAL POPULATION/UNCONTROLLED OR OCCUPATIONAL/CONTROLLED)

a.b. IDENTIFIES THE FCC'S RECOMMENDED MINIMUM APPROACH DISTANCE AS SET FORTH IN 47 C.F.R. AND

a.c. IS OF WEATHER AND CORROSION RESISTANT MATERIAL.

b. THE ANTENNA OWNER/OPERATOR WILL PLACE THE SIGN SO THAT IT IS CLEARLY VISIBLE TO WORKERS WHO OTHERWISE CLIMB THE POLE OR ASCEND BY MECHANICAL MEANS AND AFFIX SAID SIGN:

b.a. NO LESS THAN THREE (3) FEET BELOW THE ANTENNA MEASURED FROM THE TOP OF THE SIGN; AND

b.b. NO LESS THAN NINE(9) FEET ABOVE THE GROUND LINE MEASURED FROM THE BOTTOM OF THE SIGN;

c. THE ANTENNA OWNER/OPERATOR MAY INSTALL A SINGLE SIGN THAT CONTAINS THE INFORMATION REQUIRED BY G095 RULE 94 AND SECTION(A) ABOVE, OR SEPARATE SIGNS. IN THE EVENT ONE OR MORE ANTENNAS ARE AFFIXED TO A POLE, EACH ANTENNA OWNER/OPERATOR SHALL PROVIDE A SIGN WITH SUFFICIENT INFORMATION TO ALLOW WORKERS TO IDENTIFY ITS ANTENNAS.

REQUIRED G095 SIGNAGE

SCALE: NONE

11

1

PROPOSED EXTENET PANEL ANTENNA

1

PROPOSED EXTENET PANEL ANTENNA

EXTENET ANTENNA ATTACHMENT

SCALE: 1"=1'-4"

10

PROPOSED EXTENET 4" COAX SCH. 40 PVC CONDUIT

PROPOSED PG&E PWR 1" SCH. 80 PVC CONDUIT

2

FUTURE EXTENET DELTA NODES FOR FUTURE EXPANSION

5

PROPOSED EXTENET DELTA NODE MOUNTING BRACKET

2

PROPOSED EXTENET DELTA NODE DDR206

3

PROPOSED EXTENET BATTERY BACK-UP XUP-1000-7070

4

PROPOSED EXTENET MILBANK METER BOX U7490-RL

6

PROPOSED EXTENET SQUARE D ENCLOSED CIRCUIT BREAKER Q02100BNRB

EXTENET EQUIPMENT CONFIGURATION

SCALE: 1"=1'-4"

9

4 1/8"

TOP VIEW

4 1/8"

7 1/4"

1'-1 1/8"

7"

LEFT SIDE VIEW

FRONT VIEW

SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB

SCALE: 1"=1"

8

NOT USED

SCALE: 1"=1"

7

NOT USED

SCALE: 1"=1"

6

NOT USED

SCALE: 1"=1"

5

3 5/16"

8"

11 1/2"

5"

5"

LEFT SIDE VIEW

FRONT VIEW

BOTTOM VIEW

MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

SCALE: 1"=1"

4

11 3/8"

1'-3 3/4"

2'-2"

11 3/8"

1'-3 3/4"

LEFT SIDE VIEW

FRONT VIEW

BATTERY BACK-UP XUPs 1000-7070

SCALE: 1"=1"

3

11 3/4"

2'-5"

5 1/4"

2 3/4"

9 5/8"

11 3/4"

10 3/8"

11 3/4"

10 3/8"

11 3/4"

FRONT VIEW

BACK VIEW

DELTA NODE DDR206

SCALE: 1"=1"

2

4 1/8"

1'-2 3/4"

4'-3 1/4"

4 1/8"

1'-2 3/4"

LEFT SIDE VIEW

FRONT VIEW

KATHREIN ANTENNA 840-21410

SCALE: 1/2"=1"

1

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LICENSEURE:

SITE NO.:

HWY8435-012B

SITE NAME & ADDRESS:

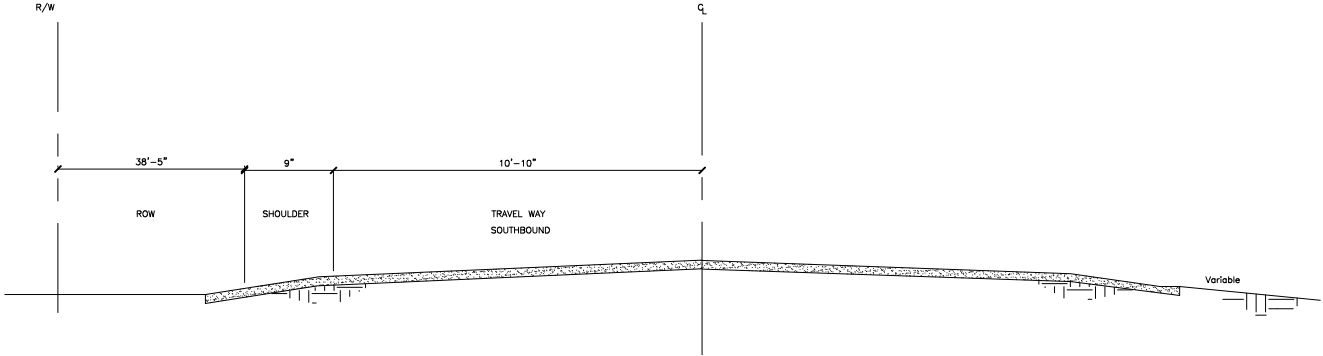
HIGHWAY 84/35 NETWORK NODE 012B

30 MPH SIGN SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

AERIAL DETAILS

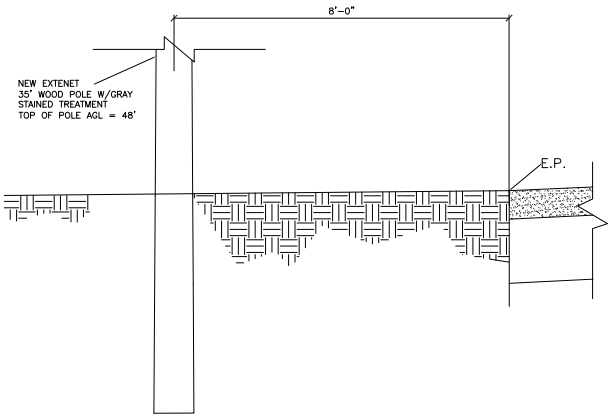
DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	
A3		3



TYP. HIGHWAY CROSS SECTION

SCALE:
1"=1'

9



NOT USED

SCALE:
NONE

12

EXTENET NODE POLE CROSS SECTION

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

8

NOT USED

SCALE:
NONE

3

NOT USED

SCALE:
1"=1'

11

NOT USED

SCALE:
1"=1'

7

NOT USED

SCALE:
1"=1'

5

NOT USED

SCALE:
1"=1'

2

NOT USED

SCALE:
NONE

10

NOT USED

SCALE:
NTS

6

NOT USED

SCALE:
NTS

4

NOT USED

SCALE:
NTS

1

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SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 012B

30 MPH SIGN SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

UNDERGROUND DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A4

3



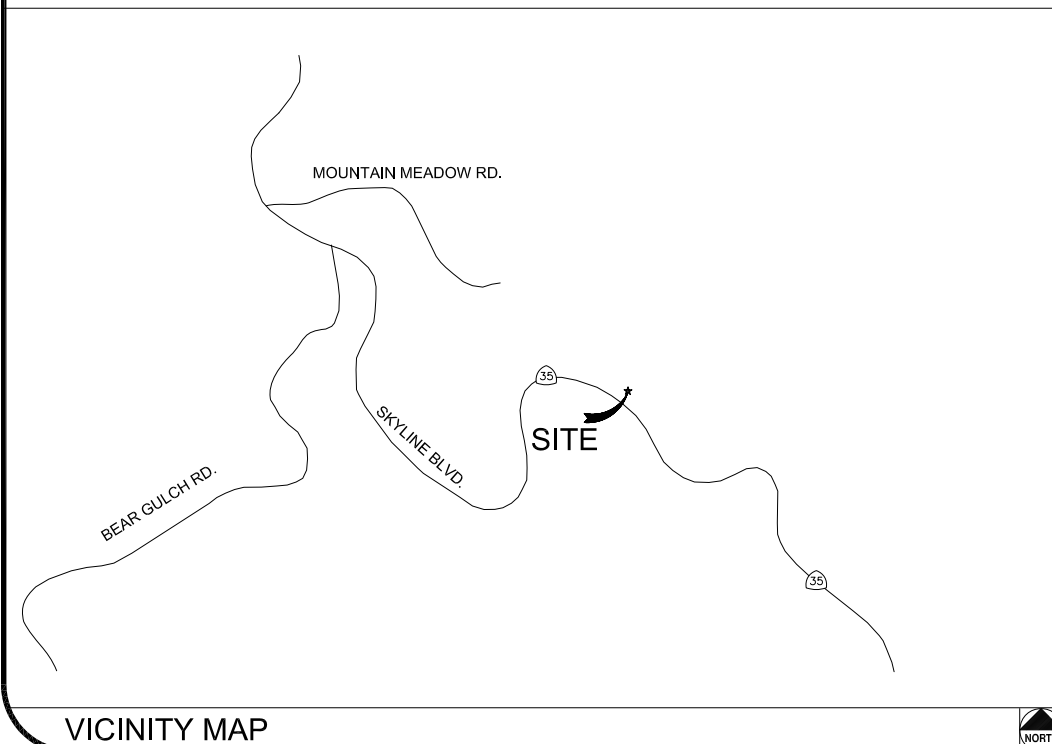
HWY 35 - PROJECT

HWY8435 - 013B

POST MILE MARKER 12.24

16301 SKYLINE BLVD.

WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.4109
LONG: -122.28667

SHEET INDEX	
SHEET	DESCRIPTION
T1	TITLE SHEET
T2	GENERAL CONSTRUCTION NOTE & ANTENNA CABLE SCHEDULE
A1	SITE PLAN
A2	UTILITY POLE ELEVATIONS/RISER DETAILS
A3	AERIAL DETAILS
A4	UNDERGROUND DETAILS



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HWY8435-013B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 013B

16301 SKYLINE BLVD
WOODSIDE, CA 94062

SHEET TITLE:

TITLE SHEET

DRAWN BY:
VG











































CHECKED BY:
AF

APPROVED BY:
KM

SHEET NUMBER:

REVISION:

T1	REVISION: 3
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A.B. ABV. AFF AGL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BN B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(") FTG GA GI G.F.I. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB INT(") INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADOWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WITH(WIDTH) WITH WOOD	MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WITH(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

3

LOADING AND ANTENNA CABLE SCHEDULES

1

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before You Dig! 1-800-227-2600

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-WYED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CABLE USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUND S 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2'[051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3'[076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4'[1.02M] CARRIER CONDUIT TO 3'[076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3'[076M] SCH. 80 TO 2'[051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8'[010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40'[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30'[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1'[.025M] UNDER CONDUITS, AND 6'[1.52M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2'[.038M] FOR AC CAP.
- IN DIRT SLURRY 18'[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12'[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2"[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CABLE NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90' SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2'[051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6'[1.83M] FROM TRANSMIT ANTENNA, WHICH IS 24'[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2'[013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION	
ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	24'-0"
BOTTOM GRADE	19'-8"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4"-Ø
EXT. RISER LENGTH	28'-1"
EXT. RISER BTM GRADE	14'-5"
PWR RISER SIZE	1"-Ø
PWR RISER LENGTH	15'-0"
PWR RISER BTM GRADE	8'-7"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

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2	01/25/10	REVISION PER PG&E POWER DESIGN
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

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SITE NAME & ADDRESS:

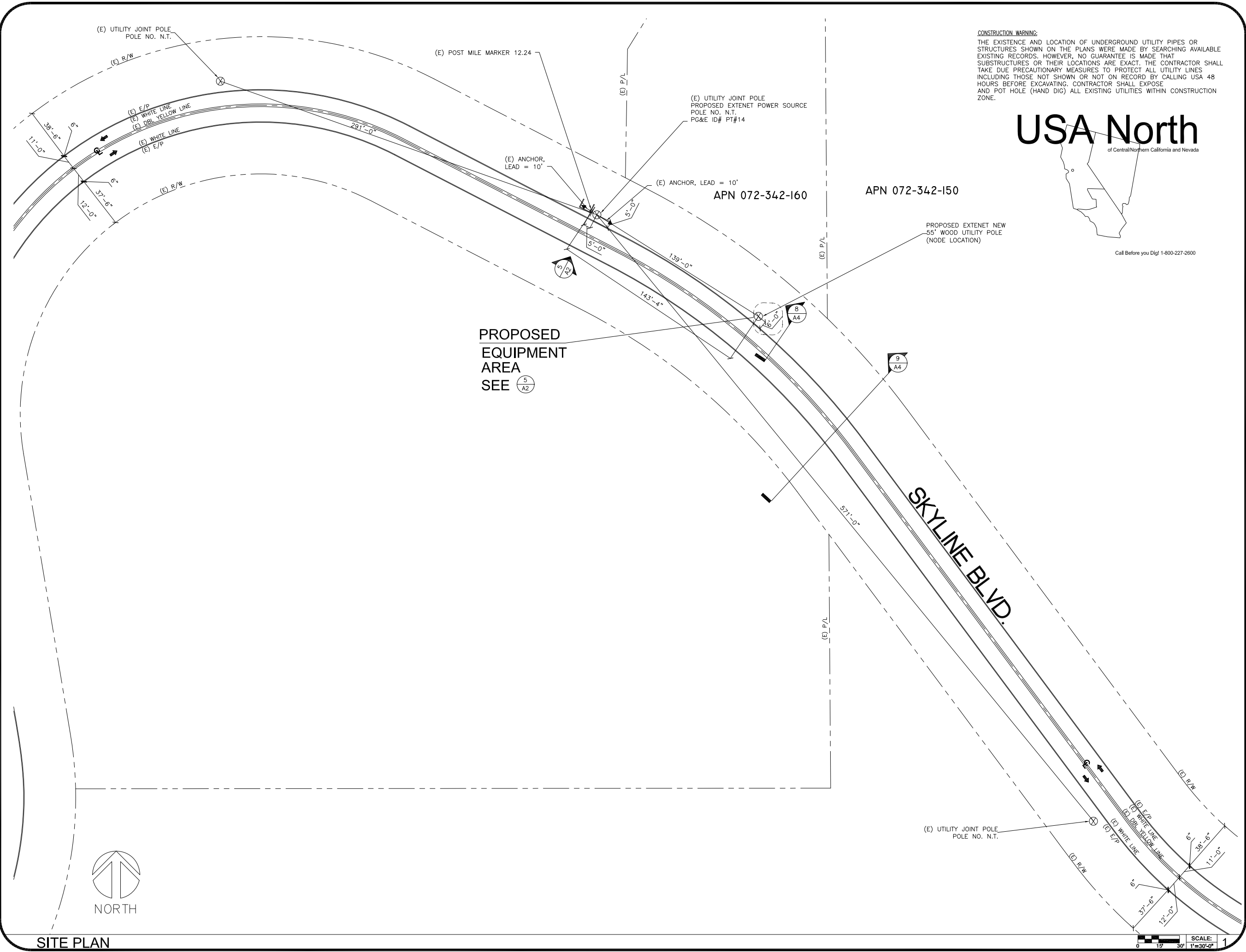
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WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

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SHEET TITLE:

SITE PLAN

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	
A1	3	

EXTENET MAKE-READY

1. INSTALL 55', CLASS 2, DOUGLAS FIR UTILITY POLE, PER SITE PLAN.
2. FLUSH MOUNT 4 PANEL ANTENNAS TOP AT 45'-2" GRADE. SECOND SET 1' BELOW PER ELEVATION.
3. STRING IN FIBER/POWER STRAND AND ATTACH AT 25'-0" GRADE W/ANCHOR GUY. PER FIBER DESIGN.
4. INSTALL DELTA NODE RADIOS, BATTERY BACK-UP AND ELEC. ENCLOSURE AT 3:00 POSITION W/MIN. 4" SPACING FROM POLE.
5. INSTALL 4" PVC SCH. 40 COAX RISER AT 1:00 POSITION.
6. INSTALL 2" PVC SCH. 40 FIBER/PWR RISER AT 2:00 POSITION.

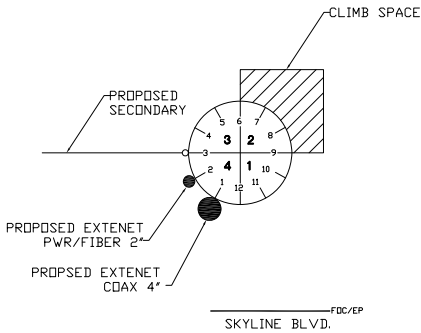
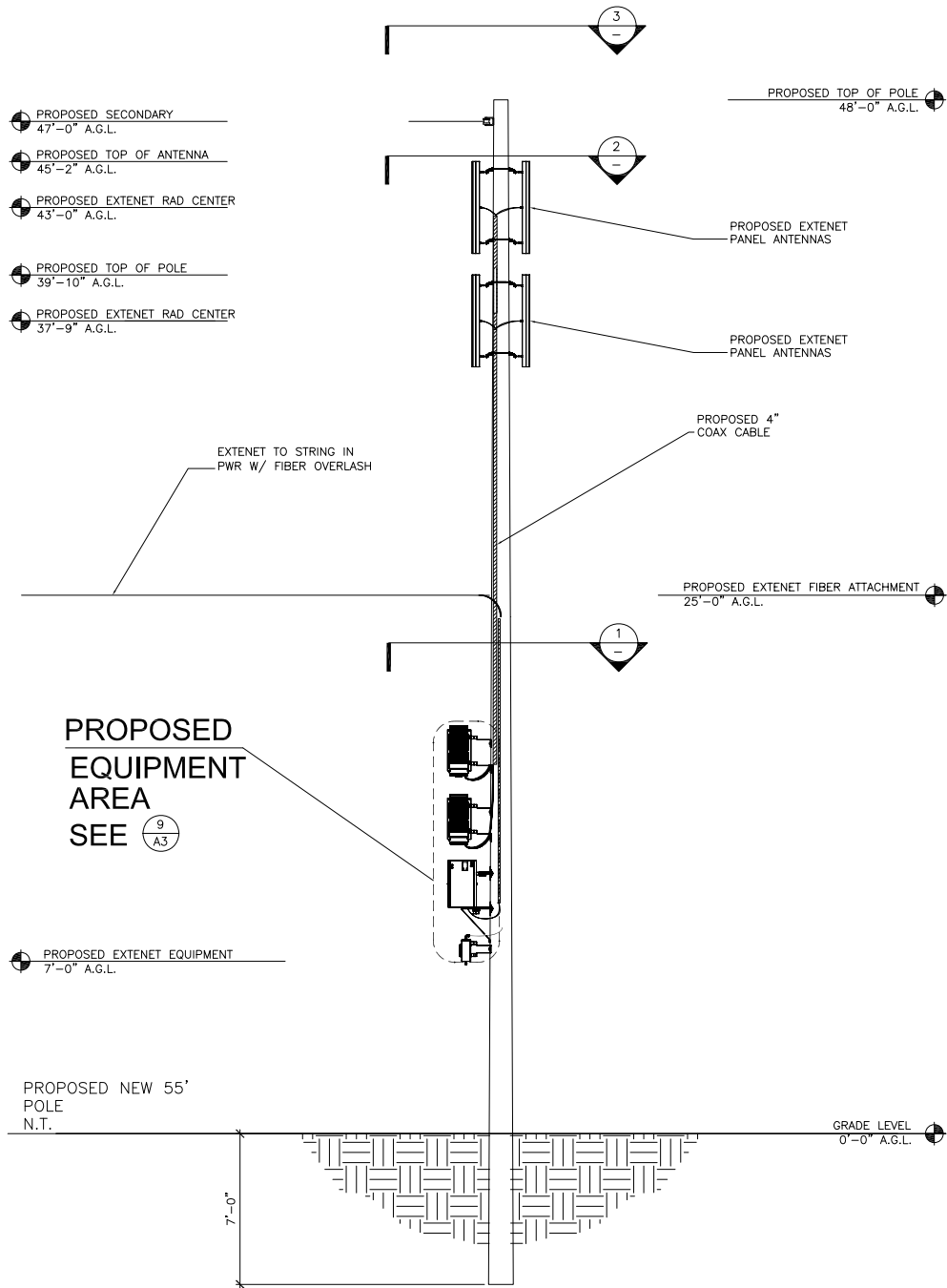
POWER MAKE-READY

1. STRING IN SECONDARY POWER FROM PG&E POLE APPROX. 139' NORTH WEST OF PROPOSED NODE POLE. (SEE SITE PLAN/POWER DESIGN)
2. INSTALL TRANSFORMER AND SECONDARY POWER FOR SERVICE, PER PG&E DESIGN.
3. INSTALL 1" PVC SCH. 80 RISER W/WEATHER HEAD AT 1:00 (QUAD 1) POSITION.
4. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 1" PG&E RISER TO EXTENET METER BOX FROM SECONDARY POWER AT 47'-0" GRADE.

MAKE-READY NOTES

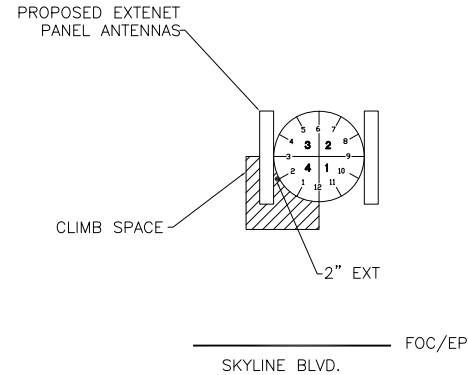
6 NOT USED

SCALE: NONE 4



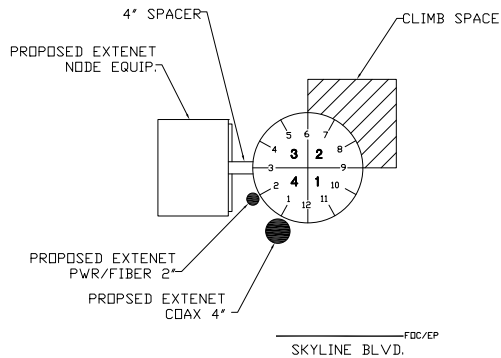
POWER SPACE PLAN VIEW

SCALE: NONE 3



EXTENET ANTENNA PLAN VIEW

SCALE: NONE 2



0 2' 4'

SCALE: 1/4"=1'-0"

5

EQUIPMENT RISER DETAIL

SCALE: NONE 1

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SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A2

3

NOT USED

SCALE: NONE

14

NOT USED

SCALE: NONE

13

NOT USED

SCALE: NONE

12

NOTICE

6"

4"

866-892-5327

Node ID#

EXTENET TO INSTALL SIGNS PER G095 RULE 94.5 APPENDIX H, EXHIBIT A: AT ANTENNA/POLE M

ADDITIONAL MARKING REQUIREMENTS

a. IN ADDITION TO THE REQUIREMENTS OF G095 RULE 94.5 (MARKING), AT A MINIMUM, EACH ANTENNA OWNER/OPERATOR WILL ALSO AFFIX A SIGN THAT:

a.a. IDENTIFIES THE APPLICABLE FCC EXPOSURE CATEGORY (GENERAL POPULATION/UNCONTROLLED OR OCCUPATIONAL/CONTROLLED)

a.b. IDENTIFIES THE FCC'S RECOMMENDED MINIMUM APPROACH DISTANCE AS SET FORTH IN 47 C.F.R. AND

a.c. IS OF WEATHER AND CORROSION RESISTANT MATERIAL.

b. THE ANTENNA OWNER/OPERATOR WILL PLACE THE SIGN SO THAT IT IS CLEARLY VISIBLE TO WORKERS WHO OTHERWISE CLIMB THE POLE OR ASCEND BY MECHANICAL MEANS AND AFFIX SAID SIGN:

b.a. NO LESS THAN THREE (3) FEET BELOW THE ANTENNA MEASURED FROM THE TOP OF THE SIGN; AND

b.b. NO LESS THAN NINE(9) FEET ABOVE THE GROUND LINE MEASURED FROM THE BOTTOM OF THE SIGN;

c. THE ANTENNA OWNER/OPERATOR MAY INSTALL A SINGLE SIGN THAT CONTAINS THE INFORMATION REQUIRED BY G095 RULE 94 AND SECTION(A) ABOVE, OR SEPARATE SIGNS. IN THE EVENT ONE OR MORE ANTENNAS ARE AFFIXED TO A POLE, EACH ANTENNA OWNER/OPERATOR SHALL PROVIDE A SIGN WITH SUFFICIENT INFORMATION TO ALLOW WORKERS TO IDENTIFY ITS ANTENNAS.

SCALE: NONE

11

1

PROPOSED EXTENET PANEL ANTENNA

1

PROPOSED EXTENET PANEL ANTENNA

SCALE: 1"=1'-4"

10

PROPOSED EXTENET 4" COAX SCH. 40 PVC CONDUIT

PROPOSED PG&E PWR 1" SCH. 80 PVC CONDUIT

2

FUTURE EXTENET DELTA NODES FOR FUTURE EXPANSION

5

PROPOSED EXTENET DELTA NODE MOUNTING BRACKET

2

PROPOSED EXTENET DELTA NODE DDR206

3

PROPOSED EXTENET BATTERY BACK-UP XUP-1000-7070

4

PROPOSED EXTENET MILBANK METER BOX U7490-RL

6

PROPOSED EXTENET SQUARE D ENCLOSED CIRCUIT BREAKER Q02100BNRB

SCALE: 1"=1'-4"

9

4 1/8"

TOP VIEW

4 1/8"

7 1/4"

1'-1 1/8"

7"

LEFT SIDE VIEW

FRONT VIEW

SCALE: 1"=1'

8

NOT USED

SCALE: 1"=1'

7

NOT USED

SCALE: 1"=1'

6

NOT USED

SCALE: 1"=1'

5

3 5/16"

8"

11 1/2"

5"

5"

LEFT SIDE VIEW

FRONT VIEW

BOTTOM VIEW

SCALE: 1"=1'

4

11 3/8"

1'-3 3/4"

2'-2"

11 3/8"

1'-3 3/4"

LEFT SIDE VIEW

FRONT VIEW

SCALE: 1"=1'

3

11 3/4"

2'-5"

5 1/4"

2 3/4"

9 5/8"

10 3/8"

11 3/4"

10 3/8"

11 3/4"

TOP VIEW

FRONT VIEW

BACK VIEW

BOTTOM VIEW

SCALE: 1"=1'

2

4 1/8"

1'-2 3/4"

4'-3 1/4"

4 1/8"

1'-2 3/4"

LEFT SIDE VIEW

FRONT VIEW

SCALE: 1/2"=1'

1

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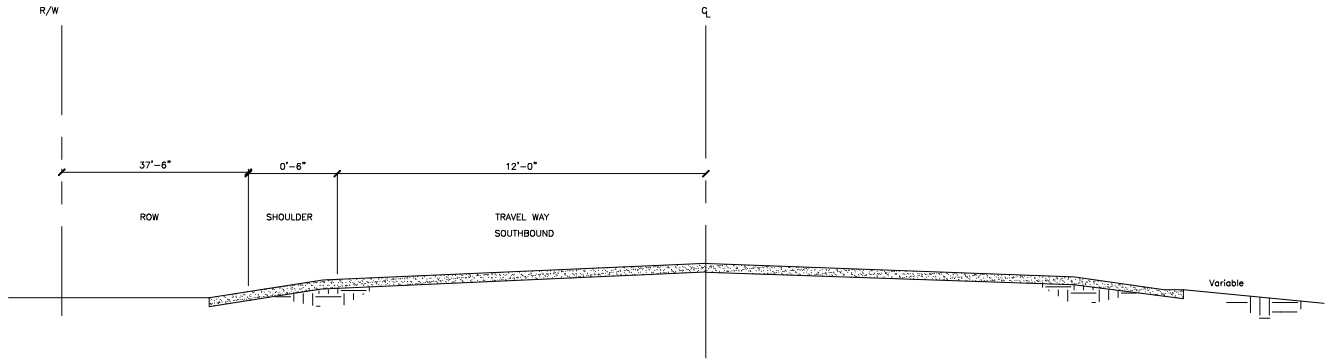
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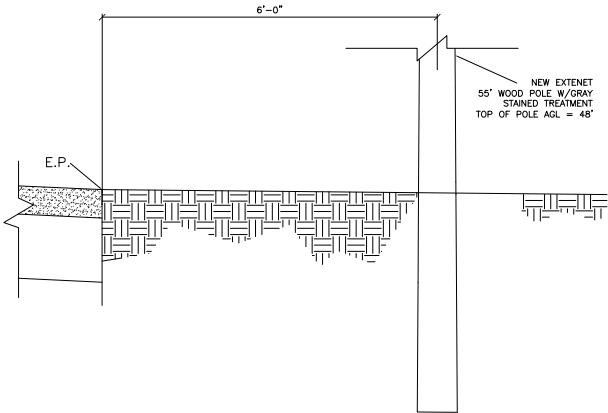
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SHEET NUMBER:	REVISION:	
A3		3



TYP. HIGHWAY CROSS SECTION

SCALE: 1"=1' 9



NOT USED

SCALE: NONE 12

EXTENET NODE POLE CROSS SECTION

SCALE: 1/2"=1'-0" 8

NOT USED

SCALE: NONE 3

NOT USED

SCALE: 1"=1' 11

NOT USED

SCALE: 1"=1' 7

NOT USED

SCALE: 1"=1' 5

NOT USED

SCALE: 1"=1' 2

NOT USED

SCALE: NONE 10

NOT USED

SCALE: NTS 6

NOT USED

SCALE: NTS 4

NOT USED

SCALE: NTS 1

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UNDERGROUND DETAILS

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SHEET NUMBER:	REVISION:	

A4

3



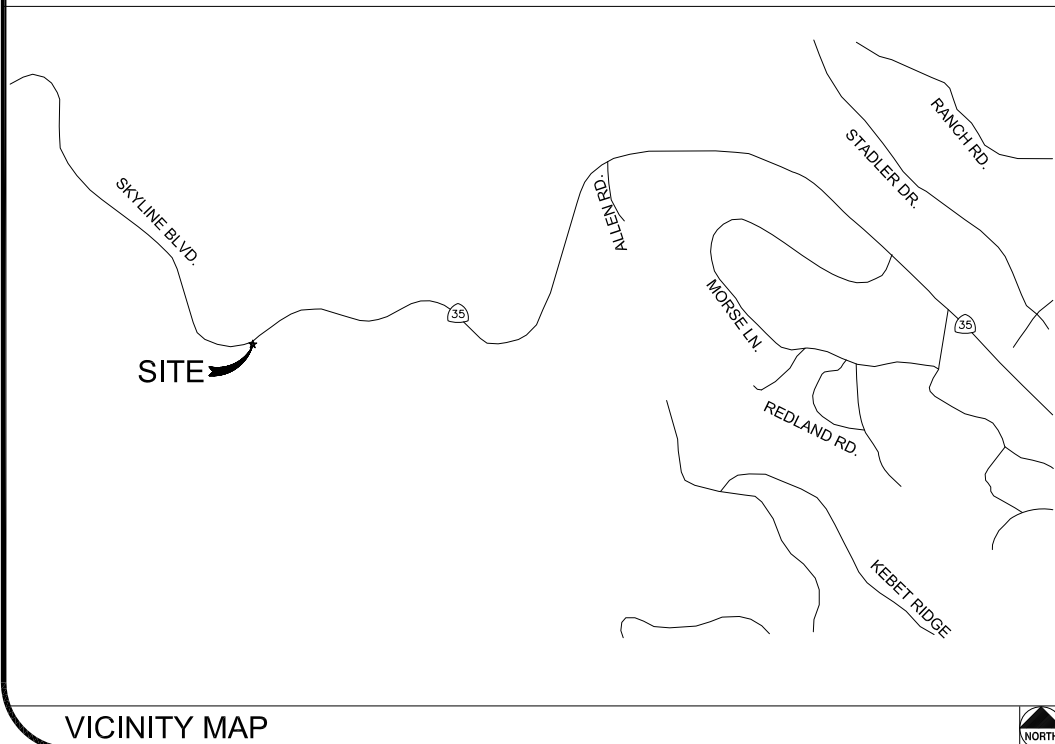
HWY 35 - PROJECT

HWY8435 - 014B

POST MILE MARKER 11.67

13650 SKYLINE BLVD.

WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
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CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
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SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
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CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.38833
LONG:-122.28056

[illegible]

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TITLE SHEET

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CHECKED BY:
AF

APPROVED BY:
KM

SHEET NUMBER:

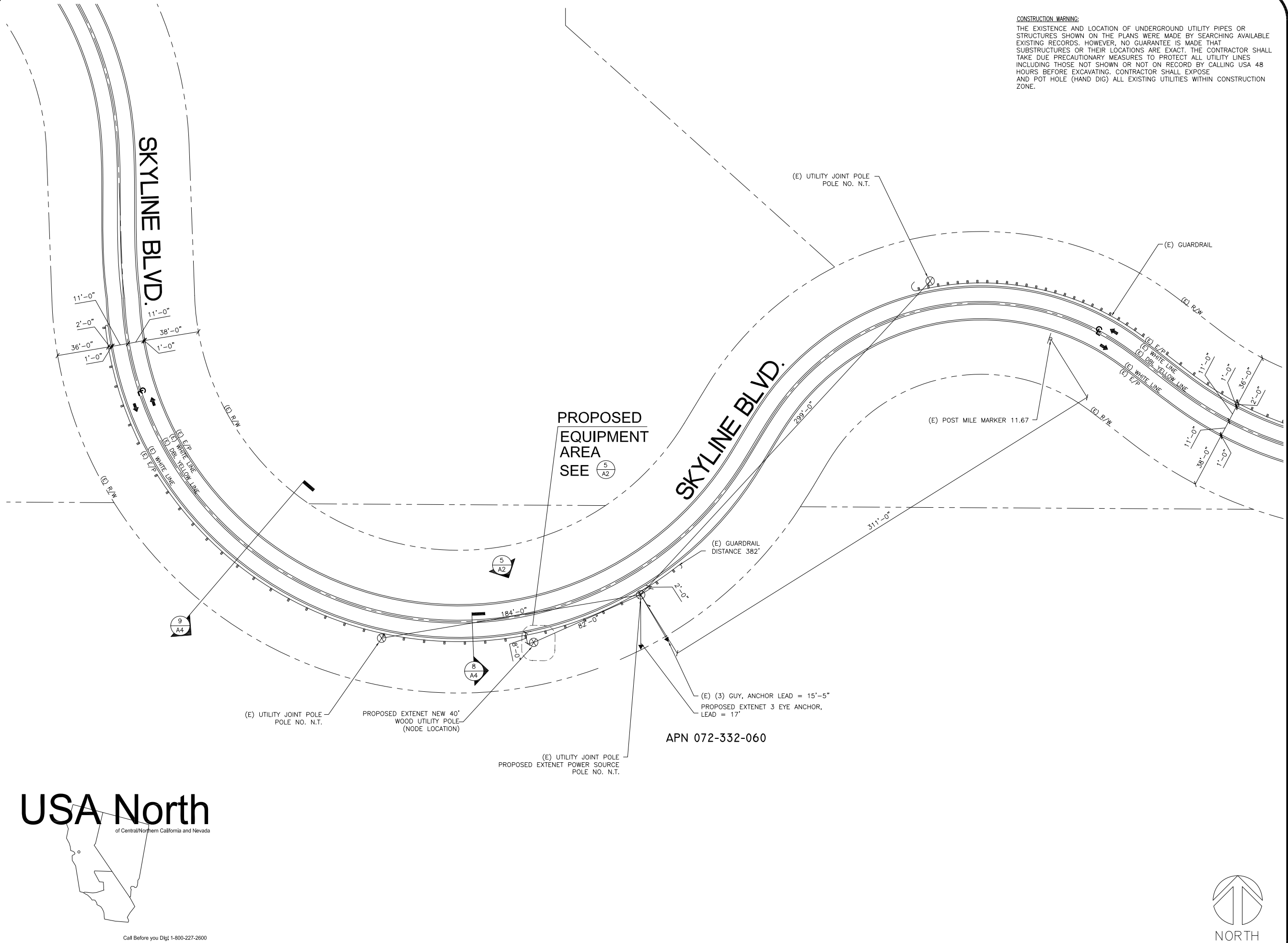
REVISION:

T1

3

ABBREVIATION AND LEGEND

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SHEET NUMBER:	T2	REVISION: 3



CONSTRUCTION WARNING:
THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

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3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/25/10	REVISION PER PG&E POWER DESIGN
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:

Maximize Comm.
Group, Inc.

1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113
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LICENSURE:

SITE NO.:

HWY8435-014B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 014B
13650 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

SITE PLAN

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER: A1		REVISION: 3

USA North

of Central/Northern California and Nevada



Call Before you Dig! 1-800-227-2600

EXTENET MAKE-READY

1. INSTALL 40', CLASS 2, DOUGLAS FIR UTILITY POLE, PER SITE PLAN.
2. FLUSH MOUNT 4 PANEL ANTENNAS TOP AT 32'-2" GRADE. SECOND SET 1' BELOW PER ELEVATION.
3. STRING IN FIBER/POWER STRAND AND ATTACH AT 23'-0" GRADE W/ANCHOR GUY. PER FIBER DESIGN.
4. INSTALL DELTA NODE RADIOS, BATTERY BACK-UP AND ELEC. ENCLOSURE AT 3:00 POSITION W/MIN. 4" SPACING FROM POLE.
5. INSTALL 4" PVC SCH. 40 COAX RISER AT 1:00 POSITION.
6. INSTALL 2" PVC SCH. 40 FIBER/PWR RISER AT 2:00 POSITION.

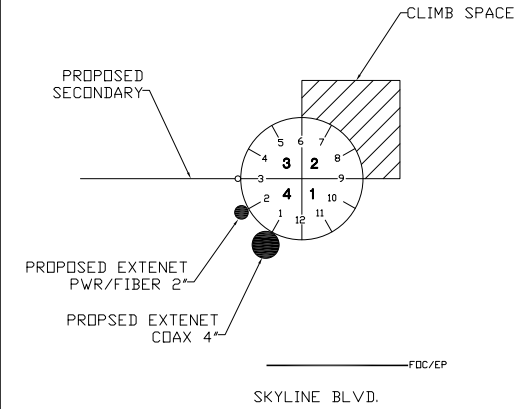
POWER MAKE-READY

1. STRING IN SECONDARY POWER FROM PG&E POLE APPROX. 82' NORTH EAST OF PROPOSED NODE POLE. (SEE SITE PLAN/POWER DESIGN)
2. INSTALL TRANSFORMER AND SECONDARY POWER FOR SERVICE, PER PG&E DESIGN.
3. INSTALL 1" PVC SCH. 80 RISER W/WEATHER HEAD AT 1:00 (QUAD 1) POSITION.
4. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 1" PG&E RISER TO EXTENET METER BOX FROM SECONDARY POWER AT 33'-0" GRADE.

MAKE-READY NOTES

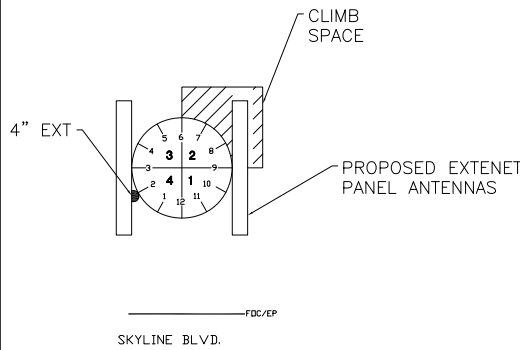
6 NOT USED

SCALE: NONE 4



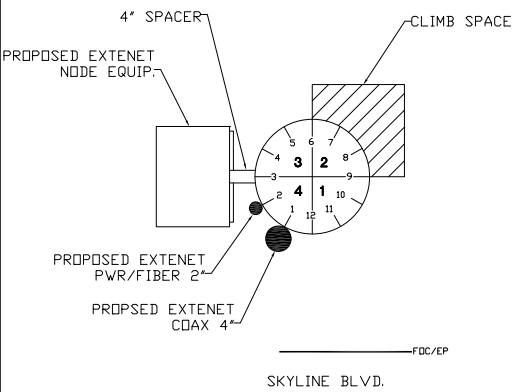
POWER SPACE PLAN VIEW

SCALE: NONE 3



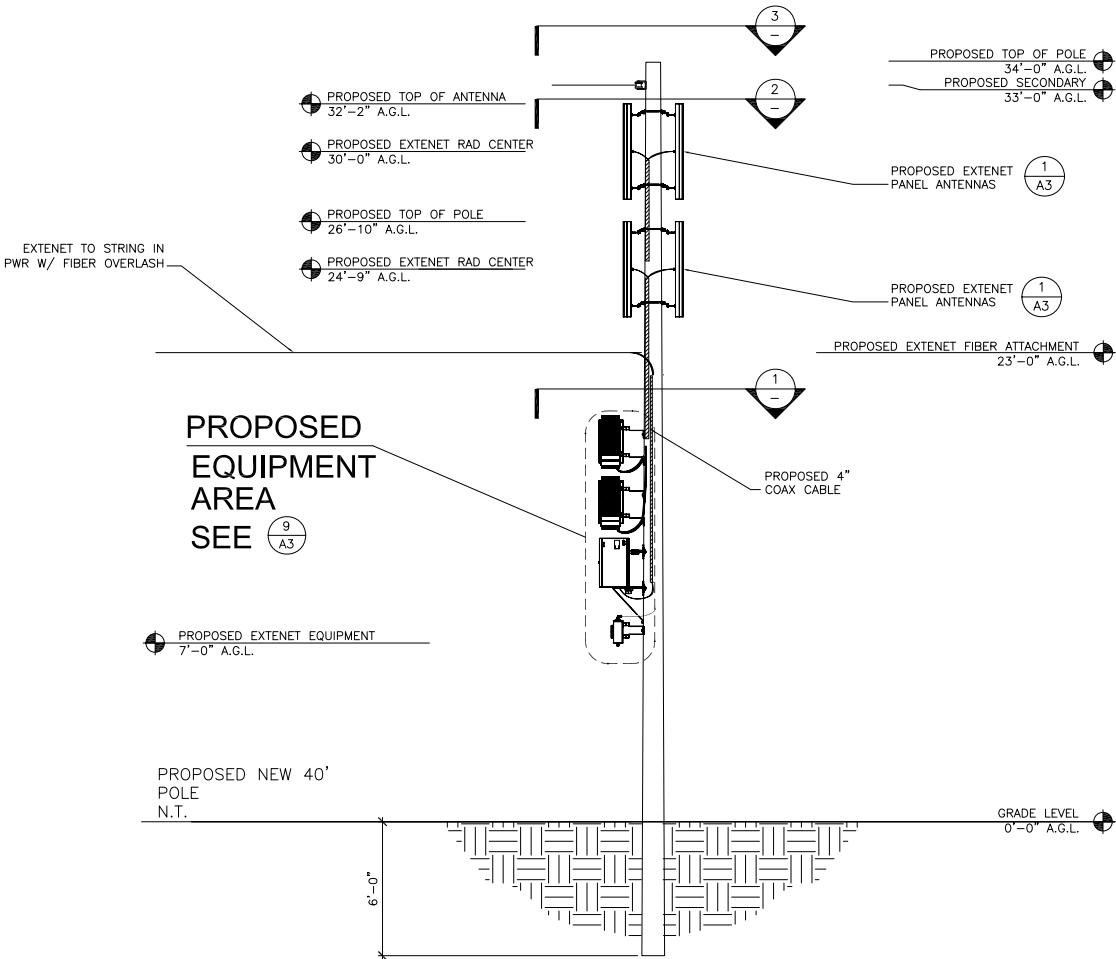
EXTENET ANTENNA PLAN VIEW

SCALE: NONE 2



EQUIPMENT RISER DETAIL

SCALE: NONE 1



NORTH POLE ELEVATION

SCALE: 1/4"=1'-0"

5

extenetSM
SYSTEMS

3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
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HWY8435-014B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 014B

13650 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A2 3

NOT USED

SCALE: NONE14

NOT USED

SCALE: NONE13

NOT USED

SCALE: NONE12

NOTICE

6" 4" 6" 4"

Up on Node Entry or for Technical Support, OPG Licensing Information, or Emergency Please Call: Extenet Systems, Inc. Network Operations Control Center 866-892-5327 Node ID#

EXTENET TO INSTALL SIGNS PER FCC RULE 94.5 APPENDIX H, EXHIBIT A: AT NODE/ANTENNA POLE M

ADDITIONAL MARKING REQUIREMENTS

ANTENNA OWNER/OPERATORS ARE RESPONSIBLE FOR THE INSTALLATION AND UPKEEP OF THEIR SIGN OR SIGNS AT EACH JOINT USE SITE.

a. IN ADDITION TO THE REQUIREMENTS OF FCC RULE 94.5 (MARKING), AT A MINIMUM, EACH ANTENNA OWNER/OPERATOR WILL ALSO AFFIX A SIGN THAT:

a.a. IDENTIFIES THE APPLICABLE FCC EXPOSURE CATEGORY (GENERAL POPULATION/UNCONTROLLED OR OCCUPATIONAL/CONTROLLED)

a.b. IDENTIFIES THE FCC'S RECOMMENDED MINIMUM APPROACH DISTANCE AS SET FORTH IN 47 C.F.R. AND

a.c. IS OF WEATHER AND CORROSION RESISTANT MATERIAL.

b. THE ANTENNA OWNER/OPERATOR WILL PLACE THE SIGN SO THAT IT IS CLEARLY VISIBLE TO WORKERS WHO OTHERWISE CLIMB THE POLE OR ASCEND BY MECHANICAL MEANS AND AFFIX SAID SIGN:

b.a. NO LESS THAN THREE (3) FEET BELOW THE ANTENNA MEASURED FROM THE TOP OF THE SIGN; AND

b.b. NO LESS THAN NINE(9) FEET ABOVE THE GROUND LINE MEASURED FROM THE BOTTOM OF THE SIGN;

c. THE ANTENNA OWNER/OPERATOR MAY INSTALL A SINGLE SIGN THAT CONTAINS THE INFORMATION REQUIRED BY FCC RULE 94.5 AND SECTION(A) ABOVE, OR SEPARATE SIGNS. IN THE EVENT ONE OR MORE ANTENNAS ARE AFFIXED TO A POLE, EACH ANTENNA OWNER/OPERATOR SHALL PROVIDE A SIGN WITH SUFFICIENT INFORMATION TO ALLOW WORKERS TO IDENTIFY ITS ANTENNAS.

REQUIRED GO95 SIGNAGE

SCALE: NONE11

1 PROPOSED EXTENET PANEL ANTENNA

1 PROPOSED EXTENET PANEL ANTENNA

EXTENET ANTENNA ATTACHMENT

SCALE: 1"=1'-4"10

2 PROPOSED EXTENET 4" COAX SCH. 40 PVC CONDUIT

2 FUTURE EXTENET DELTA NODES FOR FUTURE EXPANSION

5 PROPOSED EXTENET DELTA NODE MOUNTING BRACKET

2 PROPOSED EXTENET DELTA NODE DDR206

3 PROPOSED EXTENET BATTERY BACK-UP XUP-1000-7070

4 PROPOSED EXTENET MILBANK METER BOX U7490-RL

6 PROPOSED EXTENET SQUARE D ENCLOSED CIRCUIT BREAKER Q02100BNRB

EXTENET EQUIPMENT CONFIGURATION

SCALE: 1"=1'-4"9

4 1/8" 7 1/4" 1'-1 1/8" 7" 4 1/8"

TOP VIEW

LEFT SIDE VIEW

FRONT VIEW

SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB

SCALE: 1"=1'8

NOT USED

SCALE: 1"=1'7

NOT USED

SCALE: 1"=1'6

NOT USED

SCALE: 1"=1'5

3 5/16" 8" 11 1/2" 5" 5" 5"

TOP VIEW

LEFT SIDE VIEW

FRONT VIEW

BOTTOM VIEW

MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

SCALE: 1"=1'4

11 3/8" 1'-3 3/4" 2'-2" 11 3/8" 1'-3 3/4"

TOP VIEW

LEFT SIDE VIEW

FRONT VIEW

BATTERY BACK-UP XUPs 1000-7070

SCALE: 1"=1'3

11 3/4" 2'-5" 11 3/4" 10 3/8" 11 3/4" 10 3/8" 11 3/4" 9 5/8" 2 3/4" 5 1/4" 7 7/8" 1'-6" 5 1/4"

TOP VIEW

FRONT VIEW

BACK VIEW

BOTTOM VIEW

DELTA NODE DDR206

SCALE: 1"=1'2

4 1/8" 1'-2 3/4" 4'-3 1/4" 4 1/8"

TOP VIEW

LEFT SIDE VIEW

FRONT VIEW

KATHREIN ANTENNA 840-21410

SCALE: 1/2"=1'1

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02/08/10

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LICENSURE:

SITE NO.:

HWY8435-014B

SITE NAME & ADDRESS:

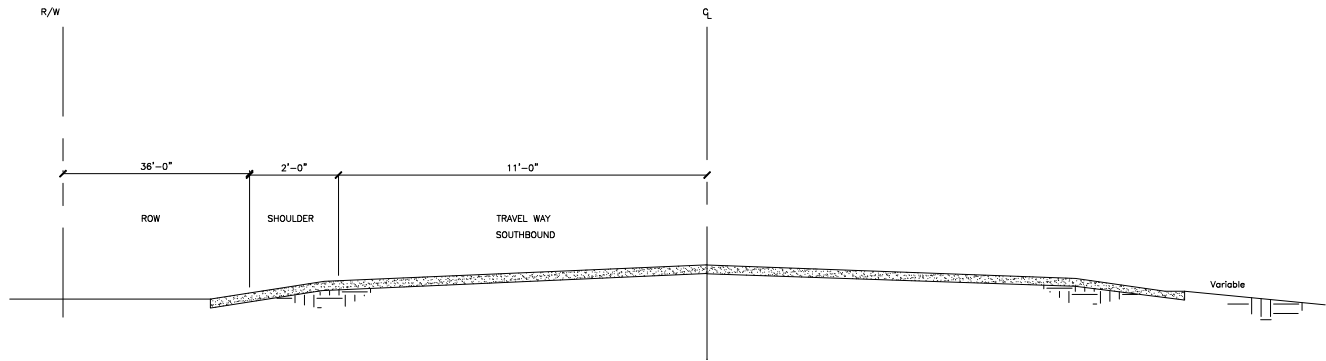
HIGHWAY 84/35 NETWORK NODE 014B

13650 SKYLINE BLVD.
WOODSIDE, CA 94062

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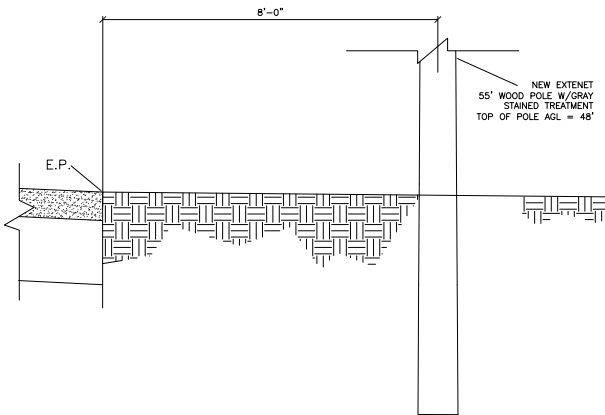
AERIAL DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	
A3		3



TYP. HIGHWAY CROSS SECTION

SCALE: 1"=1' 9



NOT USED

SCALE: NONE 12

EXTENET NODE POLE CROSS SECTION

SCALE: 1/2"=1'-0" 8

NOT USED

SCALE: NONE 3

NOT USED

SCALE: 1"=1' 11

NOT USED

SCALE: 1"=1' 7

NOT USED

SCALE: 1"=1' 5

NOT USED

SCALE: 1"=1' 2

NOT USED

SCALE: NONE 10

NOT USED

SCALE: NTS 6

NOT USED

SCALE: NTS 4

NOT USED

SCALE: NTS 1

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SYSTEMS

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LICENSURE:

SITE NO.:

HWY8435-0143

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 0143

13650 SKYLINE BLVD.
WOODSIDE, CA 94062

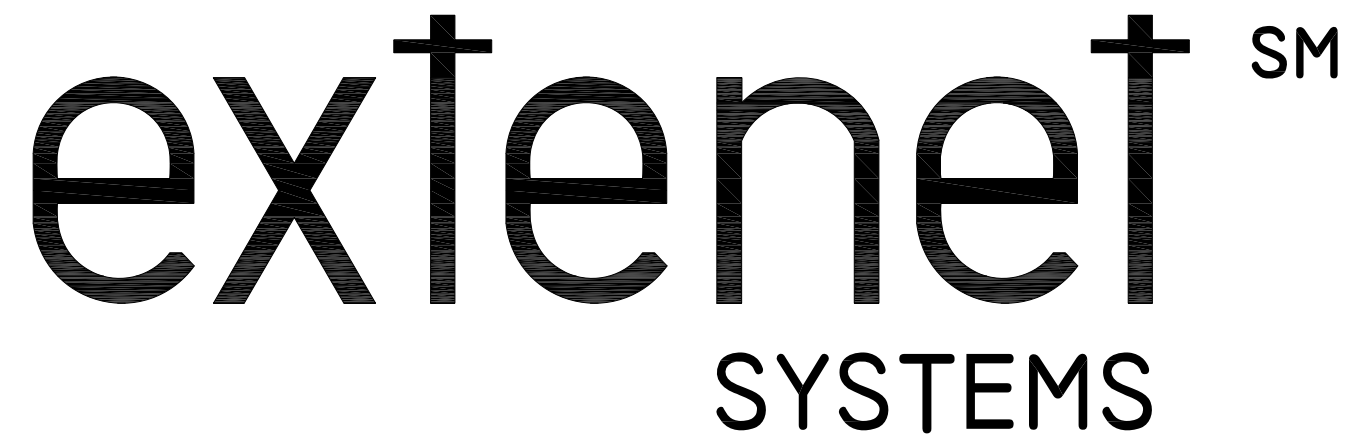
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UNDERGROUND DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A4

3



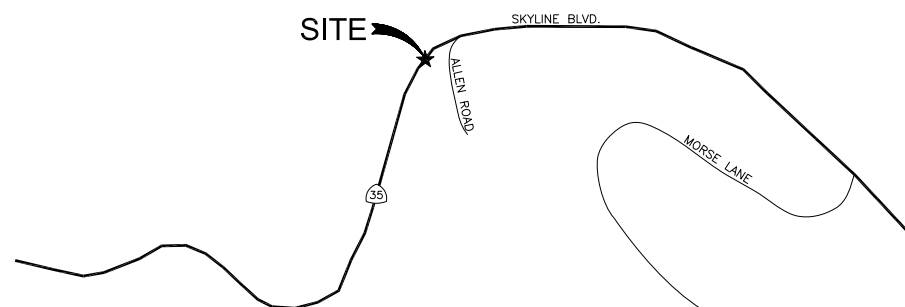
HWY 35 - PROJECT

HWY8435 - 015C

POST MILE MARKER 11.31

16995 SKYLINE BLVD (ACROSS STREET)

WOODSIDE, CA 94062



CLIENT

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.39111
LONG: -122.27417

SHEET INDEX

[illegible]

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www.extenet.com

REV.	DATE	DESCRIPTION
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LICENSURE:

SITE NO.:

HWY8435-015C

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 15C

16995 SKYLINE BLVD (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:


















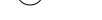









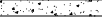

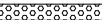

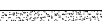



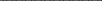

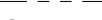




TITLE SHEET

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
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SHEET NUMBER:	T1	REVISION:	3
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VICINITY MAP



A.B. ABV. AFF AGL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BN B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FDM F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(") FTG GA GI G.F.I. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB IN(") INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADOWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD	MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

3

LOADING AND ANTENNA CABLE SCHEDULES

1

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before You Dig! 1-800-227-2600

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUPS 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2'[.051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3'[.076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4'[.102M] CARRIER CONDUIT TO 3'[.076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3'[.076M] SCH. 80 TO 2'[.051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8"[.010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40"[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30"[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1"[.025M] UNDER CONDUITS, AND 6"[.152M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2"[.038M] FOR AC CAP.
- IN DIRT SLURRY 18"[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12"[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2"[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CABLE NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90' SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2'[.051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6'[1.83M] FROM TRANSMIT ANTENNA, WHICH IS 24'[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2"[.013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION

ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	24'-3"
BOTTOM GRADE	19'-11"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4"ø
EXT. RISER LENGTH	15'-1"
EXT. RISER BTM GRADE	14'-5"
PWR RISER SIZE	1"ø
PWR RISER LENGTH	10'-0"
PWR RISER BTM GRADE	9'-0"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES, THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

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REV.	DATE	DESCRIPTION
3	02/08/10	REVISION PER CALTRANS COMMENTS
2	01/25/10	REVISION PER PG&E POWER DESIGN
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

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FAX: (909) 992-3113
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LICENSEURE:

SITE NO.:

HWY8435-015C

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 15C

16995 SKYLINE BLVD (ACROSS STREET)
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
-----------------	-------------------	--------------------

SHEET NUMBER:

T23

3

CONSTRUCTION WARNING:

THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THE PLANS WERE MADE BY SEARCHING AVAILABLE EXISTING RECORDS. HOWEVER, NO GUARANTEE IS MADE THAT SUBSTRUCTURES OR THEIR LOCATIONS ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT SHOWN OR NOT ON RECORD BY CALLING USA 48 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL EXPOSE AND POT HOLE (HAND DIG) ALL EXISTING UTILITIES WITHIN CONSTRUCTION ZONE.

USA North

of Central/Northern California and Nevada

Call Before you Dig! 1-800-227-2600

APN 072-332-170

PROPOSED
EQUIPMENT
AREA
SEE 5 A2

PROPOSED NEW EXTENET
40' WOOD UTILITY POLE
(NODE LOCATION)

(E) PG&E UTILITY POLE
(PROPOSED EXTENET POWER SOURCE)

LEAD 22'-0"
3 EYE ANCHOR

SKYLINE BLVD.

APN 072-333-020



SITE PLAN

SCALE: 1"=10'-0"

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SHEET TITLE:

SITE PLAN

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:		REVISION:

A1 3

EXTENET MAKE-READY

- 1. NSTALL 40, CLASS 2, DOUGLAS FIR UTILITY POLE, PER SITE PLAN.
- 2. FLUSH MOUNT 4 PANEL ANTENNAS TOP AT 32'-2" GRADE. SECOND SET 1' BELOW PER ELEVATION.
- 3. STRING IN FIBER/POWER STRAND AND ATTACH AT 20'-0" GRADE W/ANCHOR GUY. PER FIBER DESIGN.
- 4. INSTALL DELTA NODE RADIOS, BATTERY BACK-UP AND ELEC. ENCLOSURE AT 3:00 POSITION W/MIN. 4" SPACING FROM POLE.
- 5. INSTALL 4" PVC SCH. 40 COAX RISER AT 1:00 POSITION.
- 6. INSTALL 2" PVC SCH. 40 FIBER/PWR RISER AT 2:00 POSITION.

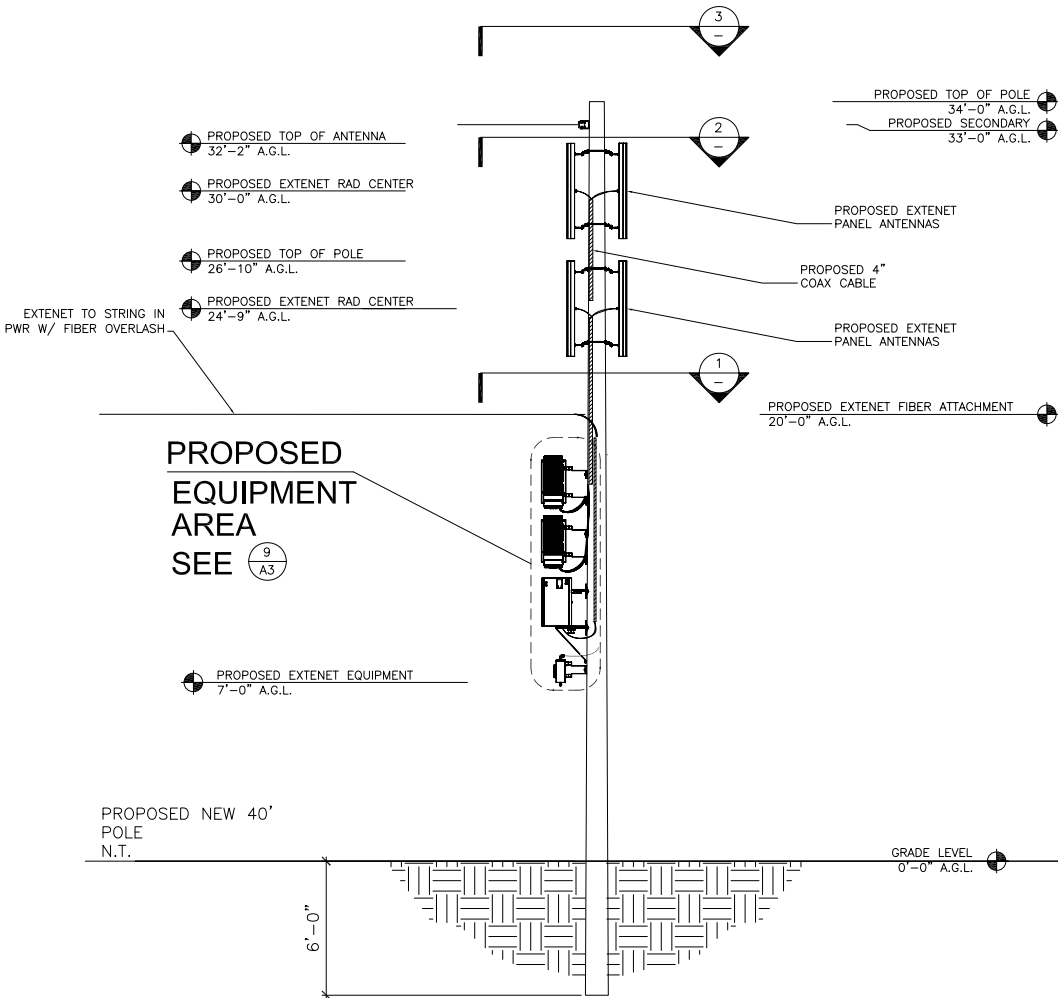
POWER MAKE-READY

- 1. STRING IN SECONDARY POWER FROM PG&E POLE APPROX. 101' WEST OF PROPOSED NODE POLE. (SEE SITE PLAN/POWER DESIGN)
- 2. INSTALL TRANSFORMER AND SECONDARY POWER FOR SERVICE, PER PG&E DESIGN.
- 3. INSTALL 1" PVC SCH. 80 RISER W/WEATHER HEAD AT 1:00 (QUAD 1) POSITION.
- 4. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 1" PG&E RISER TO EXTENET METER BOX FROM SECONDARY POWER AT 33'-0" GRADE.

MAKE-READY NOTES

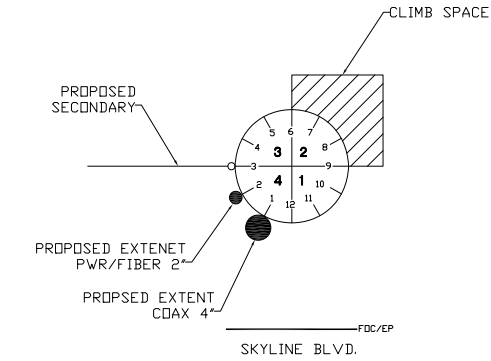
6 NOT USED

SCALE: NONE 4



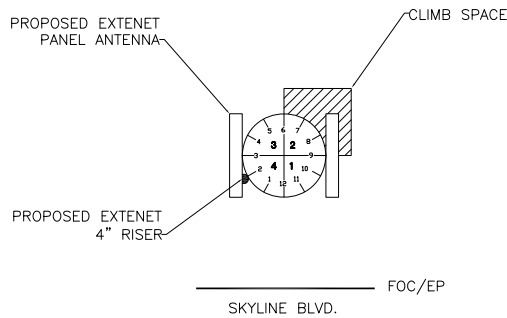
NORTHWEST POLE ELEVATION

SCALE: 1/4"=1'-0" 5



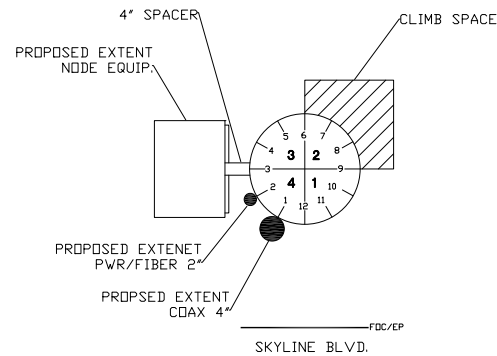
POWER SPACE PLAN VIEW

SCALE: NONE 3



EXTENET ANTENNA PLAN VIEW

SCALE: NONE 2



EQUIPMENT RISER DETAIL

SCALE: NONE 1



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SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A2 3

NOT USED

SCALE: NONE 14


NOT USED

SCALE: NONE 13

NOT USED

SCALE: NONE 12

NOTICE



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By accessing this website, you acknowledge that you understand the risks associated with radio frequency emissions at 915 MHz, 1.9 GHz, and 2.4 GHz.

6"

4"

Upon Node Entry or for Technical Support, OTC Licensing Information, or Emergency Please Call:

Extenet Systems, Inc.
Network Operations Control Center
866-892-5327
Node ID#

EXTENET TO INSTALL SIGNS PER G095 RULE 94.5 APPENDIX H, EXHIBIT A AT NODE/ANTENNA POLE M

ADDITIONAL MARKING REQUIREMENTS

ANTENNA OWNER/OPERATORS ARE RESPONSIBLE FOR THE INSTALLATION AND UPKEEP OF THEIR SIGN OR SIGNS AT EACH JOINT USE SITE.

a. IN ADDITION TO THE REQUIREMENTS OF G095 RULE 94.5 (MARKING), AT A MINIMUM, EACH ANTENNA OWNER/OPERATOR WILL ALSO AFFIX A SIGN THAT:

a.i. IDENTIFIES THE APPLICABLE FCC EXPOSURE CATEGORY (GENERAL POPULATION/UNCONTROLLED OR OCCUPATIONAL/CONTROLLED)

a.ii. IDENTIFIES THE FCC'S RECOMMENDED MINIMUM APPROACH DISTANCE AS SET FORTH IN 47 C.F.R. AND

a.iii. IS OF WEATHER AND CORROSION RESISTANT MATERIAL.

b. THE ANTENNA OWNER/OPERATOR WILL PLACE THE SIGN SO THAT IT IS CLEARLY VISIBLE TO WORKERS WHO OTHERWISE CLIMB THE POLE OR ASCEND BY MECHANICAL MEANS AND AFFIX SAID SIGN:

b.i. NO LESS THAN THREE (3) FEET BELOW THE ANTENNA MEASURED FROM THE TOP OF THE SIGN; AND

b.ii. NO LESS THAN NINE(9) FEET ABOVE THE GROUND LINE MEASURED FROM THE BOTTOM OF THE SIGN;

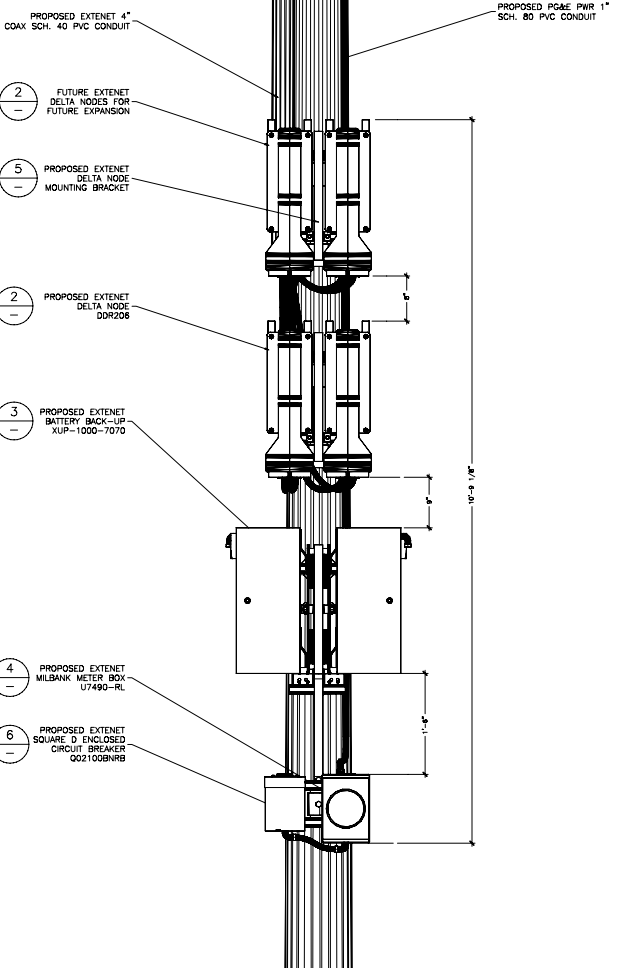
c. THE ANTENNA OWNER/OPERATOR MAY INSTALL A SINGLE SIGN THAT CONTAINS THE INFORMATION REQUIRED BY G095 RULE 94 AND SECTION(A) ABOVE, OR SEPARATE SIGNS. IN THE EVENT ONE OR MORE ANTENNAS ARE AFFIXED TO A POLE, EACH ANTENNA OWNER/OPERATOR SHALL PROVIDE A SIGN WITH SUFFICIENT INFORMATION TO ALLOW WORKERS TO IDENTIFY ITS ANTENNAS.

REQUIRED G095 SIGNAGE

SCALE: NONE 11

EXTENET ANTENNA ATTACHMENT

SCALE: 1"=1'-4" 9



SQUARE D CIRCUIT BREAKER ENCLOSED Q02100BNRB

SCALE: 1"=1' 8

NOT USED

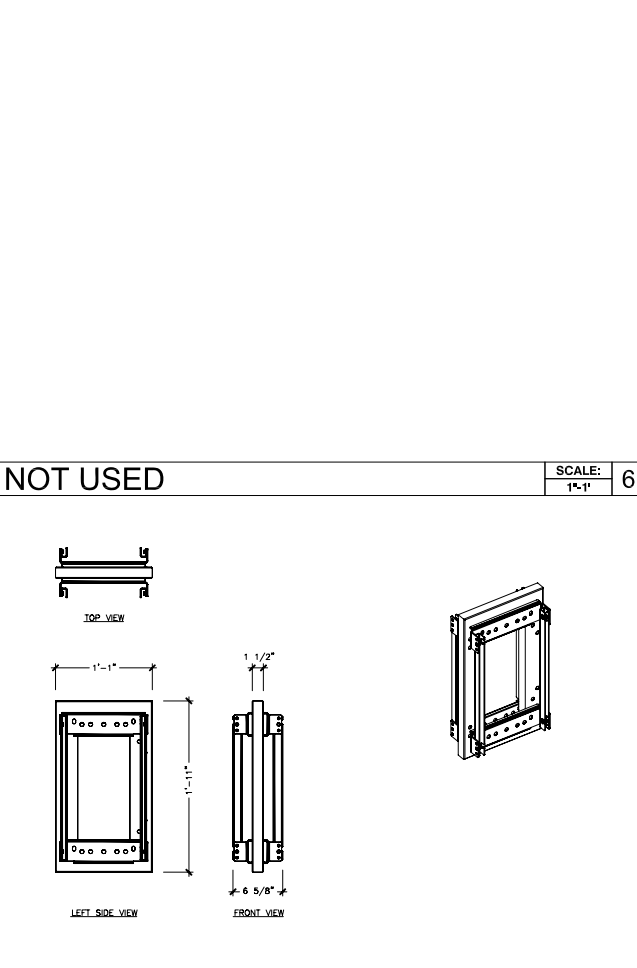
SCALE: 1"=1' 7

NOT USED

SCALE: 1"=1' 6

DELTA NODE MOUNTING BRACKET

SCALE: 1"=1' 5



MILBANK 4 TERMINAL RING TYP. METER BOX U7490-RL

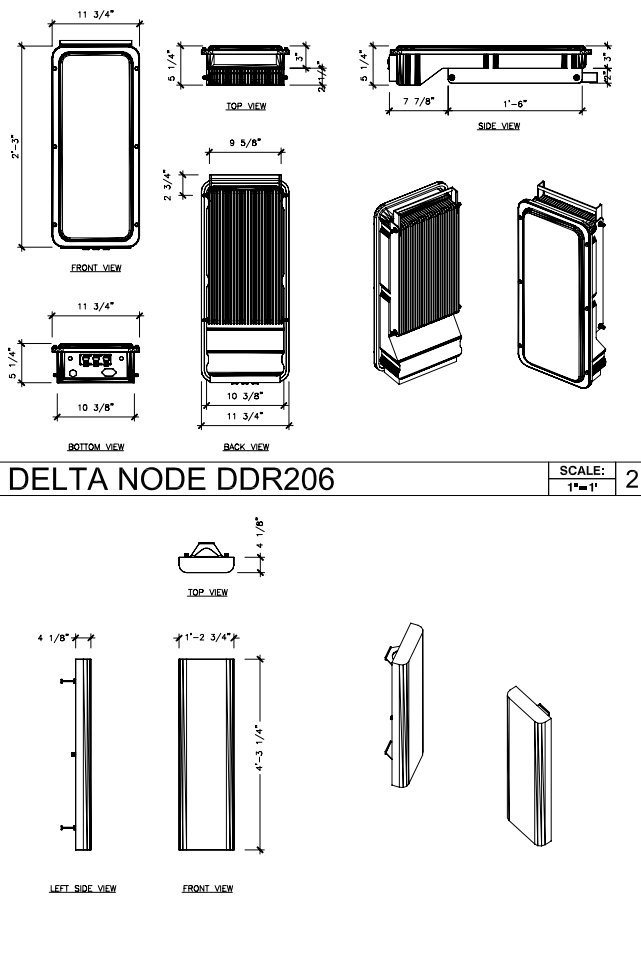
SCALE: 1"=1' 4

BATTERY BACK-UP XUPs 1000-7070

SCALE: 1"=1' 3

DELTA NODE DDR206

SCALE: 1"=1' 2



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AERIAL DETAILS

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VG

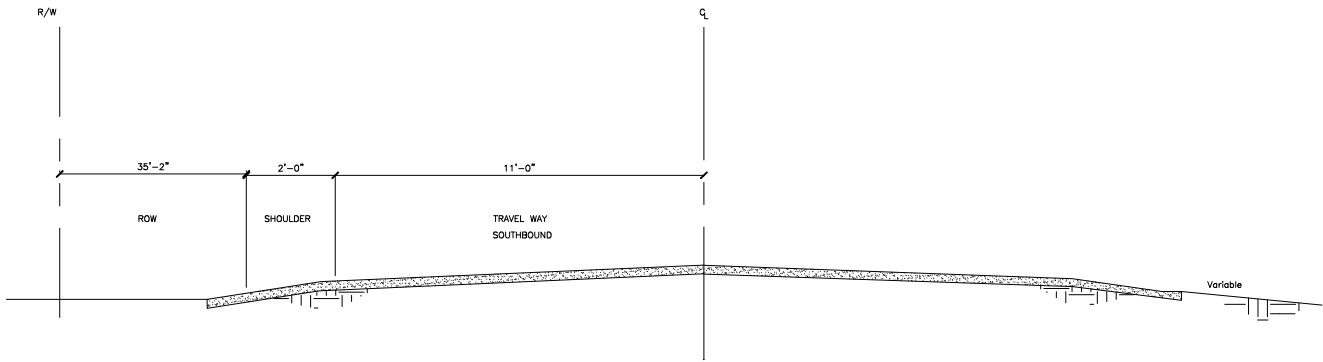
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AF

APPROVED BY:
KM

SHEET NUMBER:

REVISION:

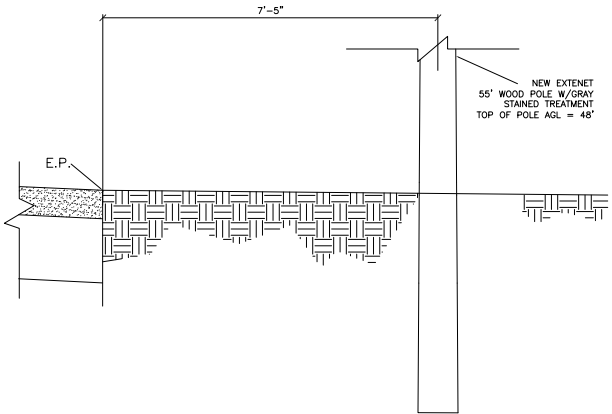
A33



TYP. HIGHWAY CROSS SECTION

SCALE:
1"=1'

9



NOT USED

SCALE:
NONE

12

EXTENET NODE POLE CROSS SECTION

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

8

NOT USED

SCALE:
NONE

3

NOT USED

SCALE:
1"=1'

11

NOT USED

SCALE:
1"= 1'

7

NOT USED

SCALE:
1"=1'

5

NOT USED

SCALE:
1"=1'

2

NOT USED

SCALE:
NONE

10

NOT USED

SCALE:
NTS

6

NOT USED

SCALE:
NTS

4

NOT USED

SCALE:
NTS

1

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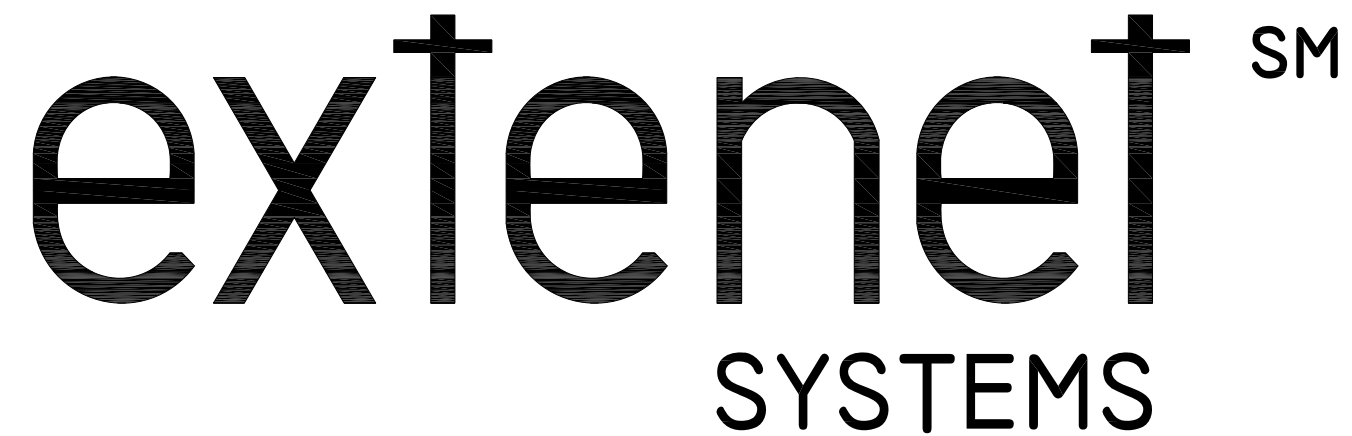
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UNDERGROUND DETAILS

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SHEET NUMBER:		REVISION:

A4

3



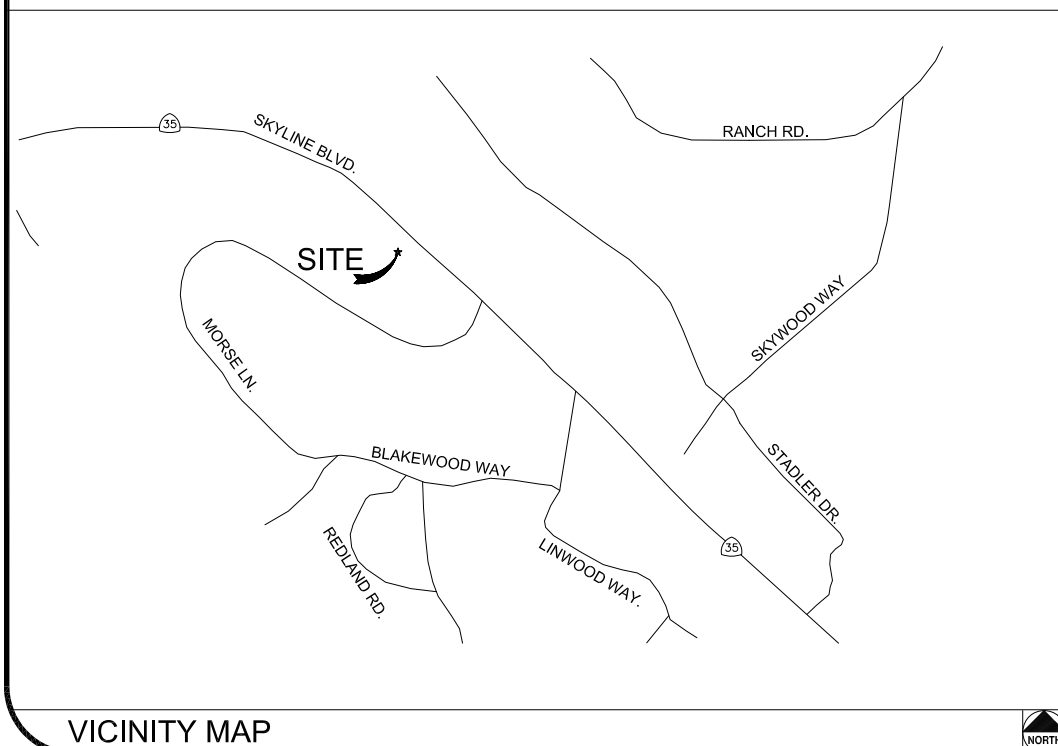
HWY 35 - PROJECT

HWY8435 - 016B

POST MILE MARKER 10.86

17130 SKYLINE BLVD.

WOODSIDE, CA 94062



CLIENT

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LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

POLE OWNER

EXTENET SYSTEMS, INC.
3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
CONTACT JEFF FRYE
PHONE 480-626-1271
FAX 504-285-1603

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED & INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY LOCAL GOVERNING AUTHORITIES AND LOCAL/CITY/COUNTY ORDINANCES:

1. CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLE 24 & 25).
2. 2007 CALIFORNIA BUILDING CODE.
3. 2007 CALIFORNIA ELECTRICAL CODE.
3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA).
4. UNIFORM PLUMBING & MECHANICAL CODES.
5. ANSI/EIA-222-F LIFE SAFETY CODE.
6. CALIFORNIA GENERAL ORDER 95, 128 & 165.

ENGINEERING FIRM/SURVEYING

MAXIMIZE COMMUNICATION GROUP, INC.
1351 POMONA ROAD
SUITE 100
CORONA, CA 92882
CONTACT KELLI McCABE
PHONE 909-786-2170
FAX 909-992-3113

COORDINATES

LAT: 37.39028
LONG: -122.26944

SHEET INDEX	
SHEET	DESCRIPTION
T1	TITLE SHEET
T2	GENERAL CONSTRUCTION NOTE & ANTENNA CABLE SCHEDULE
A1	SITE PLAN
A2	UTILITY POLE ELEVATIONS/RISER DETAILS
A3	AERIAL DETAILS
A4	UNDERGROUND DETAILS



3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:



**Maximize Comm.
Group, Inc.**

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FAX: (909) 992-3113

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LICENSURE:

SITE NO.:

HWY8435-016B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 016B

17130 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

TITLE SHEET

DRAWN BY:
VG

CHECKED BY:
AF











































APPROVED BY:
KM

SHEET NUMBER:

REVISION:

T1

REVISION:
2

A.B. ABV. AFF AFG ACL ALUM ALT ANT APPROX ARCH BLDG BLK BLKG BN B.N. B.O.F. B/U CAB CANT C.I.P. CLG CLR CMU COL CONC CONN CONST CONT d DBL DEPT DF DIA DIAG DIM DWG DWL EA EGR ELEC ELEV(EL-) EMT E.N. ENG EQ EXP EXST(E) EXT FAB F.F. F.G. FIN FLR FON F.O.C. F.O.M. F.O.S. F.O.W. F.S. FT(") FTG GA GI G.F.J. GLB(GLU-LAM) GPS GRND HDR HGR HT ICGB INT(") INT lb(#) L.B. L.F. L	ANCHOR BOLT ABOVE ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ABOVE GROUND LEVEL ALUMINUM ALTERNATE ANTENNA APPROXIMATE(LY) ARCHITECT(URAL) BUILDING BLOCK BLOCKING BEAM BOUNDARY NAILING BOTTOM OF FOOTING BACK-UP CABINET CABINET CANTILEVER(ED) CAST IN PLACE CEILING CLEAR CONCRETE MASONRY UNIT(S) COLUMN CONCRETE CONNECTION(OR) CONSTRUCTION CONTINUOUS PENNY (NAILS) DOUBLE DEPARTMENT DOUGLAS FIR DIAMETER DIAGONAL DIMENSION DRAWING(S) DOWEL(S) EACH EMERGENCY GENERATOR RECEPTACLE ELECTRICAL ELEVATION ELECTRICAL METALLIC TUBING EDGE NAIL ENGINEER EQUAL EXPANSION EXISTING EXTERIOR FABRICATION(OR) FINISH FLOOR FINISH GRADE FINISH(ED) FLOOR FOUNDATION FACE OF CONCRETE FACE OF MASONRY FACE OF STUD FACE OF WALL FINISH SURFACE FOOT(FEET) FOOTING GAUGE GALVANIZE(D) GROUND FAULT CIRCUIT INTERRUPTER GLUE LAMINATED BEAM GLOBAL POSITIONING SYSTEM GROUND HEADER HANGER HEIGHT ISOLATED COPPER GROUND BUS INCH(ES) INTERIOR POUND(S) LAG BOLTS LINEAR FEET (FOOT) LONG(TUDINAL)	                                         	NEW ANTENNA EXISTING ANTENNA UTILITY POLE GROUND BUS BAR MECHANICAL GRND. CONN. CADWELD CHRISTY BOX ELECTRIC BOX LIGHT POLE FND. MONUMENT SPOT ELEVATION SET POINT REVISION GRID REFERENCE DETAIL REFERENCE ELEVATION REFERENCE SECTION REFERENCE GROUT OR PLASTER (E) BRICK (E) MASONRY CONCRETE EARTH GRAVEL PLYWOOD SAND WOOD CONT. WOOD BLOCKING STEEL CENTERLINE PROPERTY/LEASE LINE MATCH LINE WORK POINT GROUND CONDUCTOR TELEPHONE CONDUIT TELEPHONE CONDUIT U.G. ELECTRICAL CONDUIT ELECTRICAL CONDUIT U.G. COAX COAXIAL CABLE COAXIAL CABLE U.G. OVERHEAD SERVICE CONDUCTORS U.G. SERVICE CONDUCTORS CHAIN LINK FENCING
MAX M.B. MECH MFR MIN MISC MTL METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD	MACHINE BOLT MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS METAL NEW NUMBER NOT TO SCALE ON CENTER OPENING PRECAST CONCRETE PERSONAL COMMUNICATION SERVICES PLYWOOD POWER PROTECTION CABINET PRIMARY RADIO CABINET POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED DOUGLAS FUR POWER (CABINET) QUANTITY RADIUS REFERENCE REINFORCEMENT(ING) REQUIRED RIGID GALVANIZED STEEL SCHEDULE SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL STANDARD STEEL STRUCTURAL TEMPORARY THICK(NESS) TOE NAIL TOP OF ANTENNA TOP OF CURB (CONCRETE) TOP OF FOOTING TOP OF PLATE (PARAPET) TOP OF STEEL (SLAB) TOP OF WALL TYPICAL UNDER GROUND UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VERIFY IN FIELD WIDE(WIDTH) WITH WOOD		

ABBREVIATION AND LEGEND

4

ROW CONSTRUCTION GENERAL NOTES

3

LOADING AND ANTENNA CABLE SCHEDULES

1

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
- IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1' MINIMUM VERTICAL CLEARANCE.
- IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
- CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
- THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
- MANHOLES OR COVERS SHALL BE LABELED EXTENET.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.



Call Before You Dig! 1-800-227-2600

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

- 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
- GC TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-WYED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 422-4133.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 3'[914M] CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

- GROUND TESTED AT 5 OHMS OR LESS.
- 5/8"x8'[016x2.44M] ROD, CAD WELD BELOW GRADE
- #6 GROUND AND BOND WIRE.
- WOOD MOLDING, STAPLED EVERY 3'[914M] AND AT EACH END
- GROUND S 3'[914M] FROM POLE.
- PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

- FOR UNDERGROUND USE SCHEDULE 40.
- FOR RISERS USE SCHEDULE 80.
- PLACE 2'[051M] GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3'[076M], STUB UP 10'[3.04M] THEN CONVERT TO SCHEDULE 80.
- CONVERT 4'[1.02M] CARRIER CONDUIT TO 3'[076M] AT BASE OF POLE.
- GC TO STUB UP POLE 10'[3.04M] w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3'[076M] SCH. 80 TO 2'[051M] SCH. 80 FROM TOP OF STUB UP.
- ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8'[010M] PULL ROPE.

STANDARD TRENCHING NOTES:

- MAINTAIN 40'[1.02M] MINIMUM COVER FOR ELECTRICAL CONDUIT.
- MAINTAIN 30'[.762M] MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
- SAND SHADING MINIMUM 1'[.025M] UNDER CONDUITS, AND 6'[.152M] COVERING ON TOP REQUIRED.
- ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS; WILL BE SLURRY BACKFILLED.
- IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2'[.038M] FOR AC CAP.
- IN DIRT SLURRY 18'[.457M] FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
- PLACE WARNING TAPE IN TRENCH 12'[.305M] ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

SPECIAL NOTES

- INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
- PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
- THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HERON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
- THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
- THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 36 INCHES TO THE FINISHED GRADE AT ALL TIMES.
- THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
- ALL A.C AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
- ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
- VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
- CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS. THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

ROW UTILITY POLE CONSTRUCTION NOTES:

- NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2'[.038M].
- FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
- ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
- CABLE NOT TO IMPEDE 15'[.381M] CLEAR SPACE OFF POLE FACE (12:00).
- 90' SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
- USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2'[051M] CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
- USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
- PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6'[1.83M] FROM TRANSMIT ANTENNA, WHICH IS 24'[.61M] AWAY FROM CENTER OF POLE.
- USE 1/2'[013M] CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
- FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

WIND LOADING INFORMATION	
ANTENNA/WOOD ARM AREA TOTAL	77.48 SQ. FT.
TOP GRADE	26'-0"
BOTTOM GRADE	22'-0"
METER/BREAKER AREA TOTAL	4.33 SQ. FT.
TOP GRADE	8'-0"
BOTTOM GRADE	7'-0"
BATTERY BACK-UP AREA TOTAL	16.25 SQ. FT.
TOP GRADE	11'-8"
BOTTOM GRADE	9'-6"
DELTA DECK AREA TOTAL	10.74 SQ. FT.
TOP GRADE	14'-7"
BOTTOM GRADE	12'-5"
DELTA DECK (FUT.) AREA TOTAL	10.74 SQ. FT.
TOP GRADE	17'-6"
BOTTOM GRADE	15'-4"
EXT. RISER SIZE	4"-ø
EXT. RISER LENGTH	14'-0"
EXT. RISER BTM GRADE	16'-0"
PWR RISER SIZE	1"-ø
PWR RISER LENGTH	11'-0"
PWR RISER BTM GRADE	8'-8"

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES. THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

extenetSM
SYSTEMS

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SITE NO.:

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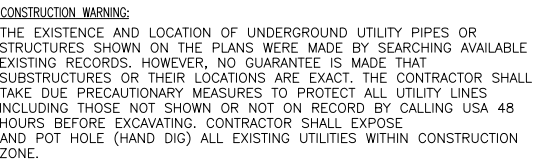
HIGHWAY 84/ 35 NETWORK NODE 016B

17150 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

GENERAL NOTES & SCHEDULES

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	T2	2



of Central/Northern California and Nevada

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LICENSURE:

SITE NO.:

HWY8435-016B

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 016B

17150 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

ELEVATIONS & RISER DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A2

2

EXTENET MAKE-READY

1. INSTALL 45', CLASS 2, DOUGLAS FIR UTILITY POLE, PER SITE PLAN.
2. FLUSH MOUNT 4 PANEL ANTENNAS TOP AT 32'-2" GRADE. SECOND SET 1' BELOW PER ELEVATION.
3. STRING IN FIBERR STRAND AND ATTACH AT 20'-7" GRADE W/ANCHOR GUY. PER FIBER DESIGN.
4. INSTALL DELTA NODE RADIOS, BATTERY BACK-UP AND METER/BREAKER AT 3:00 POSITION W/MIN. 4" SPACING FROM POLE.
5. INSTALL 4" PVC SCH. 40 COAX RISER AT 1:00 POSITION.

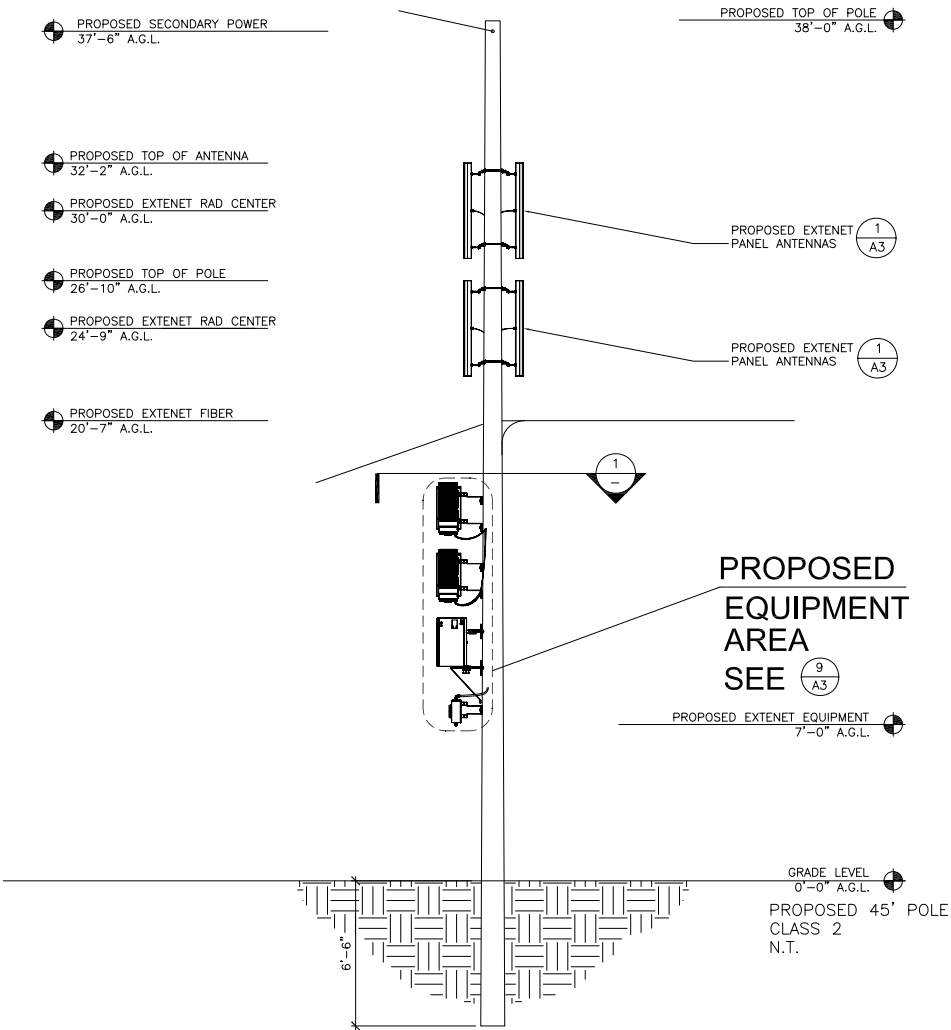
POWER MAKE-READY

1. STRING IN SECONDARY SERVICE DROP TO CUSTOMER OWNED SERVICE POLE AND ATTACH AT 52'-6" GRADE (IN QUAD 3) FROM EXISTING PG&E SERVICE POLE APPROX. 50' NORTHEAST OF PROPOSED CUSTOMER OWNED SERVICE POLE.
2. INSTALL 1" PVC SCH. 80 RISER W/WEATHER HEAD AT 4:00 (QUAD 3) POSITION.
3. PROVIDE 120/240V, 3-WIRE, SINGLE PHASE 100 AMP SERVICE TO 1" PG&E RISER TO EXTENET METER BOX FROM SECONDARY SERVICE POINT.

MAKE-READY NOTES

4

PROPOSED CUSTOMER OWNED SERVICE POLE



SOUTHWEST POLE ELEVATION

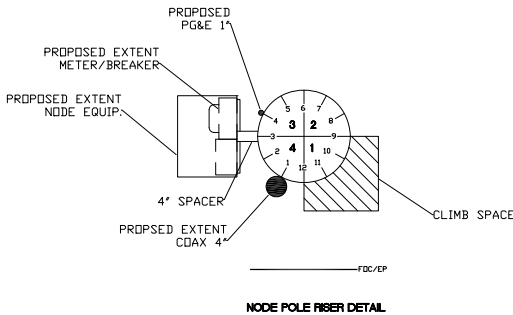
NOT USED

NOT USED

SCALE: NONE 3

NOT USED

SCALE: NONE 2



NODE POLE RISER DETAIL

SCALE: NONE 1

NOT USED

SCALE: NONE

14

NOT USED

SCALE: NONE

13

NOT USED

SCALE: NONE

12

NOTICE

Radio frequency fields beyond this point may exceed the FCC general public exposure limit. Obey all posted signs and site guidelines for working in radio frequency environments.

6"

4"

Up on Node Entry or for Technical Support, OTC Licensing Information, or Emergency Please Call: Extenet Systems, Inc. Network Operations Control Center 866-892-5327 Node ID#

EXTENET TO INSTALL SIGNS PER G095 RULE 94.5 APPENDIX H, EXHIBIT A: AT NODE/ANTENNA POLE M

ADDITIONAL MARKING REQUIREMENTS

ANTENNA OWNER/OPERATORS ARE RESPONSIBLE FOR THE INSTALLATION AND UPKEEP OF THEIR SIGN OR SIGNS AT EACH JOINT USE SITE.

a. IN ADDITION TO THE REQUIREMENTS OF G095 RULE 94.5 (MARKING), AT A MINIMUM, EACH ANTENNA OWNER/OPERATOR WILL ALSO AFFIX A SIGN THAT:

a.a. IDENTIFIES THE APPLICABLE FCC EXPOSURE CATEGORY (GENERAL POPULATION/UNCONTROLLED OR OCCUPATIONAL/CONTROLLED)

a.b. IDENTIFIES THE FCC'S RECOMMENDED MINIMUM APPROACH DISTANCE AS SET FORTH IN 47 C.F.R. AND

a.c. IS OF WEATHER AND CORROSION RESISTANT MATERIAL.

b. THE ANTENNA OWNER/OPERATOR WILL PLACE THE SIGN SO THAT IT IS CLEARLY VISIBLE TO WORKERS WHO OTHERWISE CLIMB THE POLE OR ASCEND BY MECHANICAL MEANS AND AFFIX SAID SIGN:

b.a. NO LESS THAN THREE (3) FEET BELOW THE ANTENNA MEASURED FROM THE TOP OF THE SIGN; AND

b.b. NO LESS THAN NINE(9) FEET ABOVE THE GROUND LINE MEASURED FROM THE BOTTOM OF THE SIGN;

c. THE ANTENNA OWNER/OPERATOR MAY INSTALL A SINGLE SIGN THAT CONTAINS THE INFORMATION REQUIRED BY G095 RULE 94 AND SECTION(A) ABOVE, OR SEPARATE SIGNS. IN THE EVENT ONE OR MORE ANTENNAS ARE AFFIXED TO A POLE, EACH ANTENNA OWNER/OPERATOR SHALL PROVIDE A SIGN WITH SUFFICIENT INFORMATION TO ALLOW WORKERS TO IDENTIFY ITS ANTENNAS.

SCALE: NONE

11

1

PROPOSED EXTENET PANEL ANTENNA

1

PROPOSED EXTENET PANEL ANTENNA

SCALE: 1"=1'-4"

10

2

FUTURE EXTENET DELTA NODES FOR FUTURE EXPANSION

5

PROPOSED EXTENET DELTA NODE MOUNTING BRACKET

2

PROPOSED EXTENET DELTA NODE DDR206

11

3

PROPOSED EXTENET BATTERY BACK-UP XUP-1000-7070

4

PROPOSED EXTENET MILBANK METER BOX U7490-RL

8

PROPOSED EXTENET SQUARE D ENCLOSED CIRCUIT BREAKER Q02100BNRB

SCALE: 1"=1'-4"

9

4 1/8"

TOP VIEW

4 1/8"

7 1/4"

1'-1 1/8"

7"

LEFT SIDE VIEW

FRONT VIEW

SCALE: 1"=1'

8

NOT USED

SCALE: 1"=1'

7

NOT USED

SCALE: 1"=1'

6

NOT USED

SCALE: 1"=1'

5

3 5/16"

8"

11 1/2"

5"

5"

LEFT SIDE VIEW

FRONT VIEW

TOP VIEW

BOTTOM VIEW

SCALE: 1"=1'

4

11 3/8"

1'-3 3/4"

2'-2"

11 3/8"

1'-3 3/4"

LEFT SIDE VIEW

FRONT VIEW

SCALE: 1"=1'

3

11 3/4"

2'-5"

11 3/4"

10 3/8"

11 3/4"

10 3/8"

11 3/4"

FRONT VIEW

BACK VIEW

TOP VIEW

BOTTOM VIEW

SCALE: 1"=1'

2

4 1/8"

1'-2 3/4"

4'-3 1/4"

4 1/8"

LEFT SIDE VIEW

FRONT VIEW

TOP VIEW

SCALE: 1/2"=1'

1

extenetSM SYSTEMS

3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
2	02/08/10	REVISION PER CALTRANS COMMENTS
1	11/11/09	REVISION PER EXTENET REQUESTED RAD CENTER CHANGE

CURRENT ISSUE DATE:

02/08/10

PLANS PREPARED BY:

Maximize Comm. Group, Inc.

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CORONA, CA 92882
OFFICE: (909) 786-2170
FAX: (909) 992-3113
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LICENSE:

SITE NO.:

HWY8435-0163

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 0163

1750 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

AERIAL DETAILS

DRAWN BY: VG

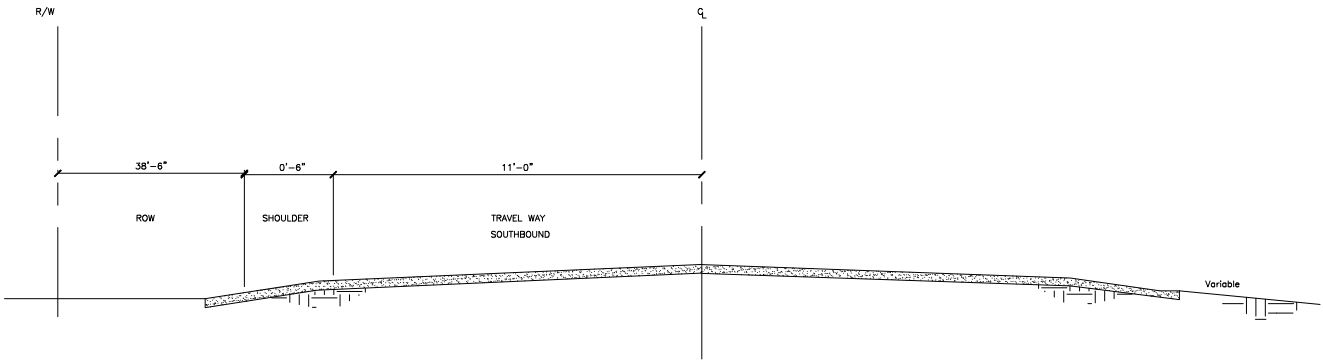
CHECKED BY: AF

APPROVED BY: KM

SHEET NUMBER:

A3

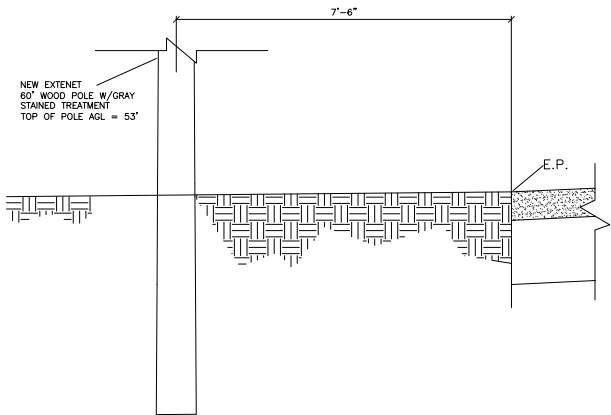
2



TYP. HIGHWAY CROSS SECTION

SCALE:
1"=1'

9



NOT USED

SCALE:
NONE

12

EXTENET NODE POLE CROSS SECTION

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

8

NOT USED

SCALE:
NONE

3

NOT USED

SCALE:
1"=1'

11

NOT USED

SCALE:
1"=1'

7

NOT USED

SCALE:
1"=1'

5

NOT USED

SCALE:
1"=1'

2

NOT USED

SCALE:
NONE

10

NOT USED

SCALE:
NTS

6

NOT USED

SCALE:
NTS

4

NOT USED

SCALE:
NTS

1

extenetSM
SYSTEMS

3030 WARRENVILLE RD.
SUITE 340
LISLE, IL 60532
www.extenet.com

REV.	DATE	DESCRIPTION
2	02/08/10	REVISION PER CALTRANS COMMENTS
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PLANS PREPARED BY:



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LICENSURE:

SITE NO.:

HWY8435-0163

SITE NAME & ADDRESS:

HIGHWAY 84/35 NETWORK NODE 0163

17150 SKYLINE BLVD.
WOODSIDE, CA 94062

SHEET TITLE:

UNDERGROUND DETAILS

DRAWN BY: VG	CHECKED BY: AF	APPROVED BY: KM
SHEET NUMBER:	REVISION:	

A4

2