

NEVADA COUNTY

Department of Public Works Project Plans

for

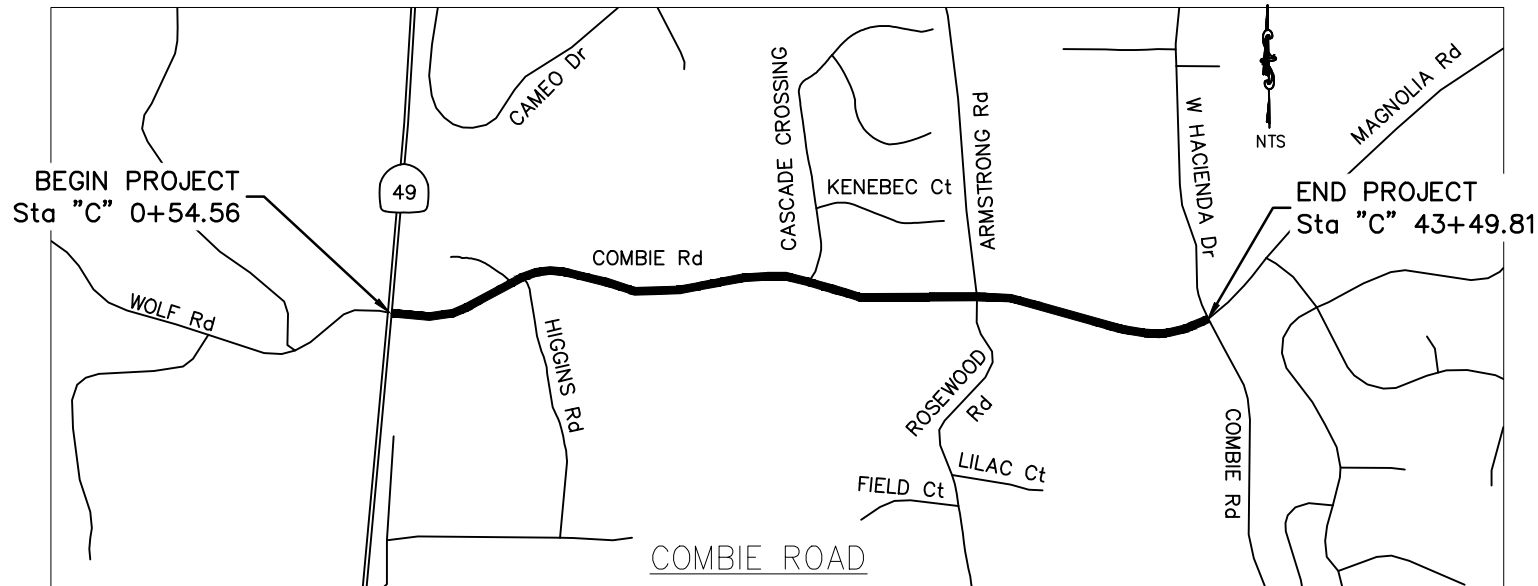
Combie Road Corridor Improvements

County Contract No. 440814

To be supplemented with Standard Plans and Specifications dated 2015, of the California Department of Transportation & Nevada County Standard Plans



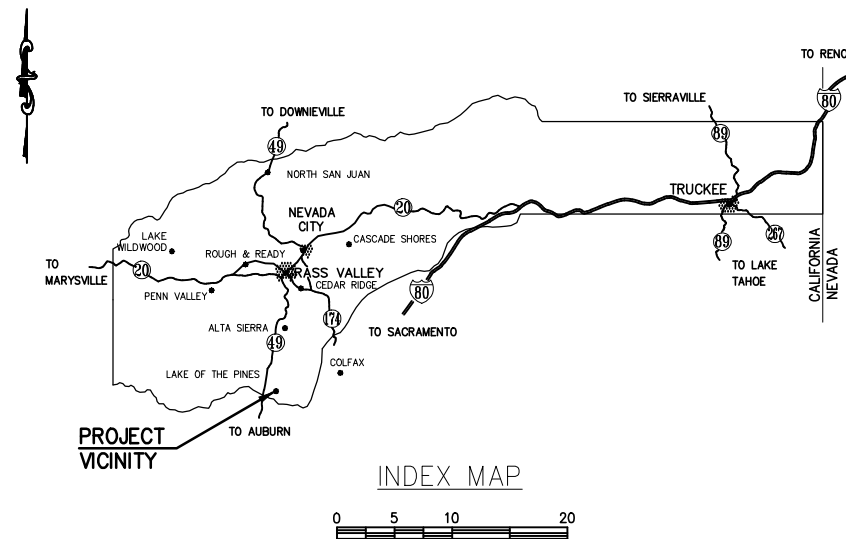
VICINITY MAP



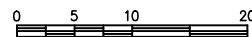
NO SCALE

SHEET INDEX

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INDEX MAP



Patrick Perkins, P.E. 52684
Senior Civil Engineer, Department of Public Works

Date

Trisha Tillotson
Director, Department of Public Works

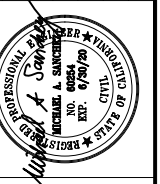
Date

Richard Anderson, Chair
Board of Supervisors

Date

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
TITLE SHEET

DRAWING: N09-300rcb001.dwg

DESIGNED: MAS

DRAWN: BG

CHECKED: JPJ

JOB NO: N09-300

DATE: Jan 30, 2019

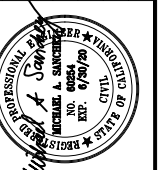
SHEET

T-1

1 OF 102 SHEETS

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
TYPICAL CROSS SECTIONS

DRAWING: N09-300ra001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
X-1
2 OF 102 SHEETS

NOTES:

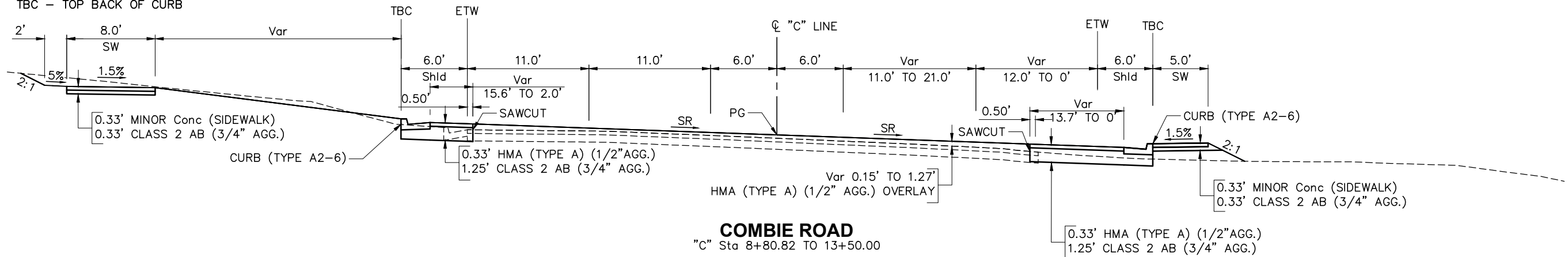
- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- SUPERELEVATIONS ARE SHOWN ON THE PROFILE AND SUPERELEVATION SHEETS.

ABBREVIATIONS:

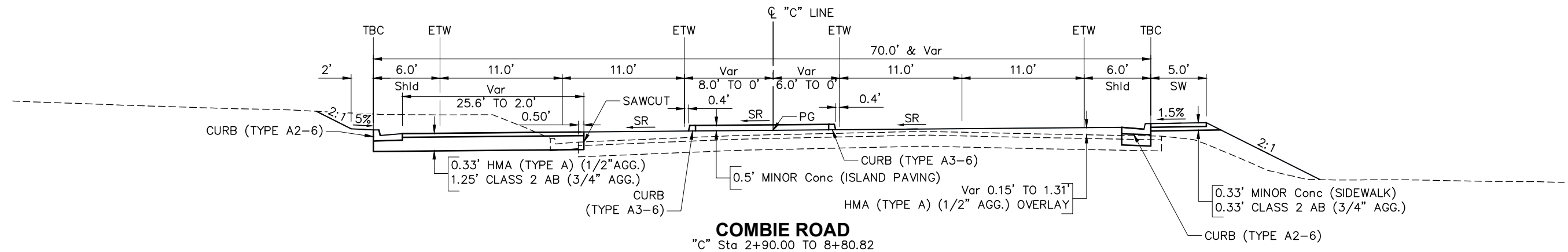
- SR - SUPERELEVATION RATE
- SW - SIDEWALK
- TBC - TOP BACK OF CURB

DESIGN DESIGNATION:

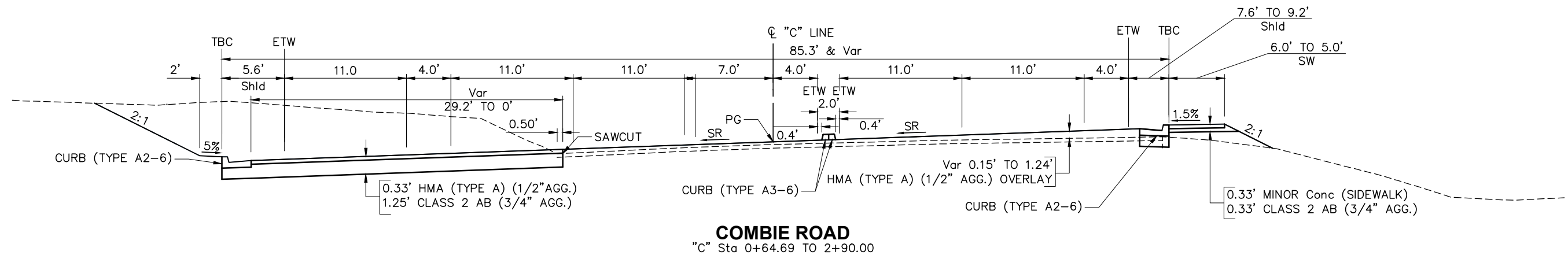
ADT (201X) = 18,000
AADT (20XX) = 22,000
V = 30 MPH SR49 TO HIGGINS Rd / 35 MPH HIGGINS Rd TO PG&E SUBSTATION / 40 MPH PG&E SUBSTATION TO MAGNOLIA Rd
TI = 8



COMBIE ROAD
"C" Sta 8+80.82 TO 13+50.00



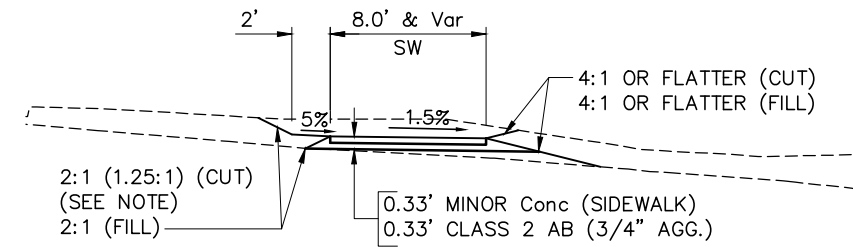
COMBIE ROAD
"C" Sta 2+90.00 TO 8+80.82



COMBIE ROAD
"C" Sta 0+64.69 TO 2+90.00

NOTES:

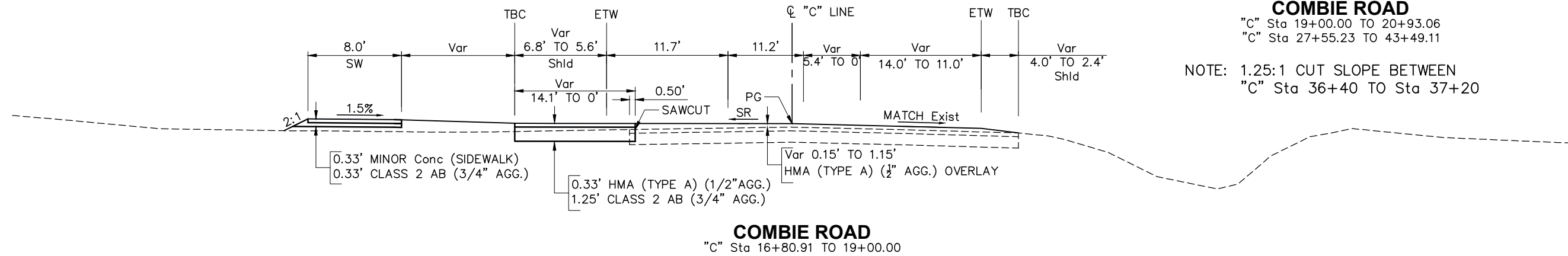
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATIONS ARE SHOWN ON THE PROFILE AND SUPERELEVATION SHEETS.
3. FOR COMPLETE R/W DATA, SEE R/W RECORD MAPS AT THE COUNTY OFFICE.



COMBIE ROAD

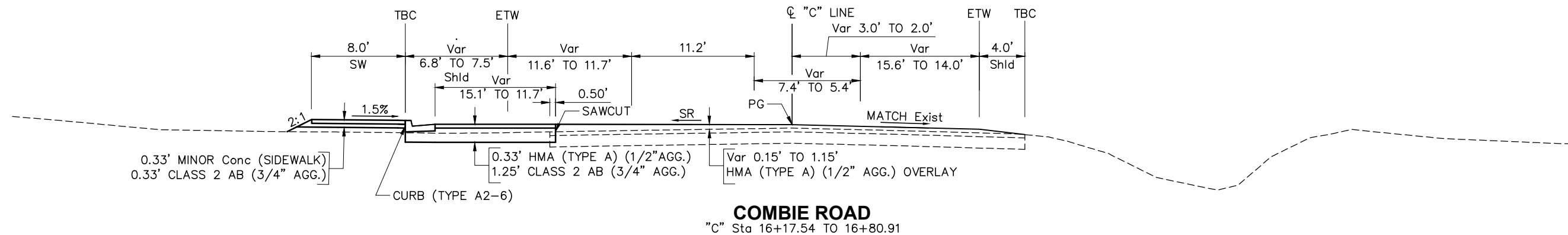
"C" Sta 19+00.00 TO 20+93.06
 "C" Sta 27+55.23 TO 43+49.11

NOTE: 1.25:1 CUT SLOPE BETWEEN
 "C" Sta 36+40 TO Sta 37+20



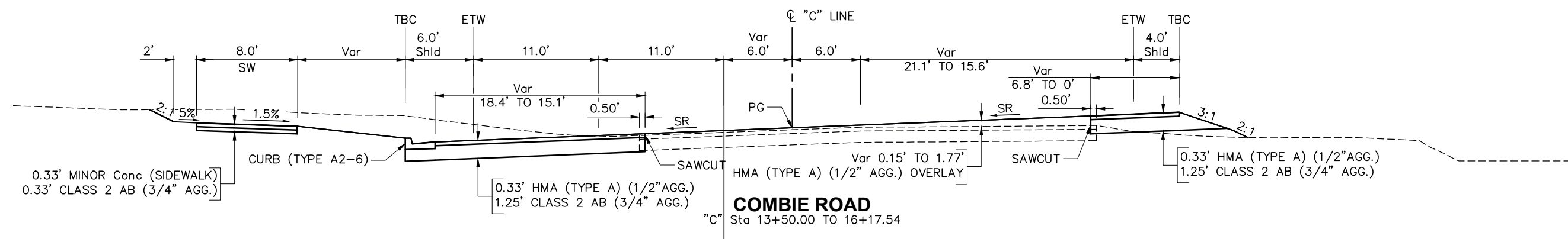
COMBIE ROAD

"C" Sta 16+80.91 TO 19+00.00



COMBIE ROAD

"C" Sta 16+17.54 TO 16+80.91

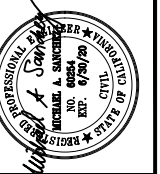


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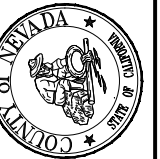
"C" Sta 13+50.00 TO 16+17.54

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 TYPICAL CROSS SECTIONS

DRAWING: N09-300rca002.dwg

DESIGNED: MAS

DRAWN: BG

CHECKED: JPJ

JOB NO: N09-300

DATE: Jan 30, 2019

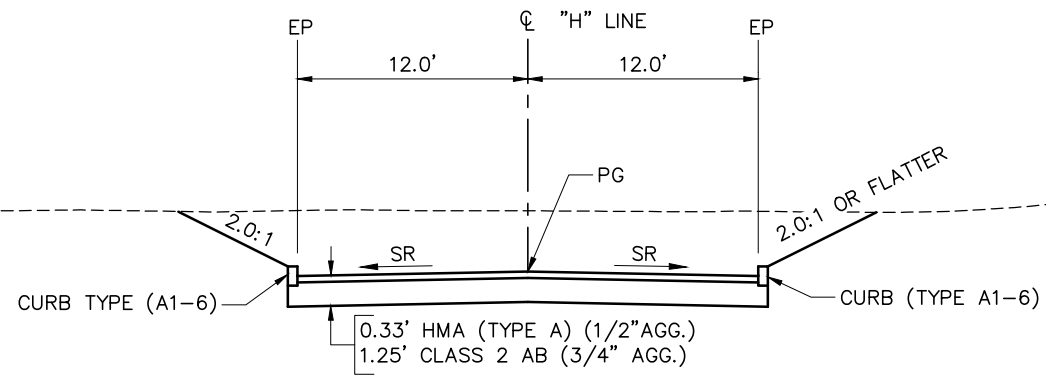
SHEET

X-2

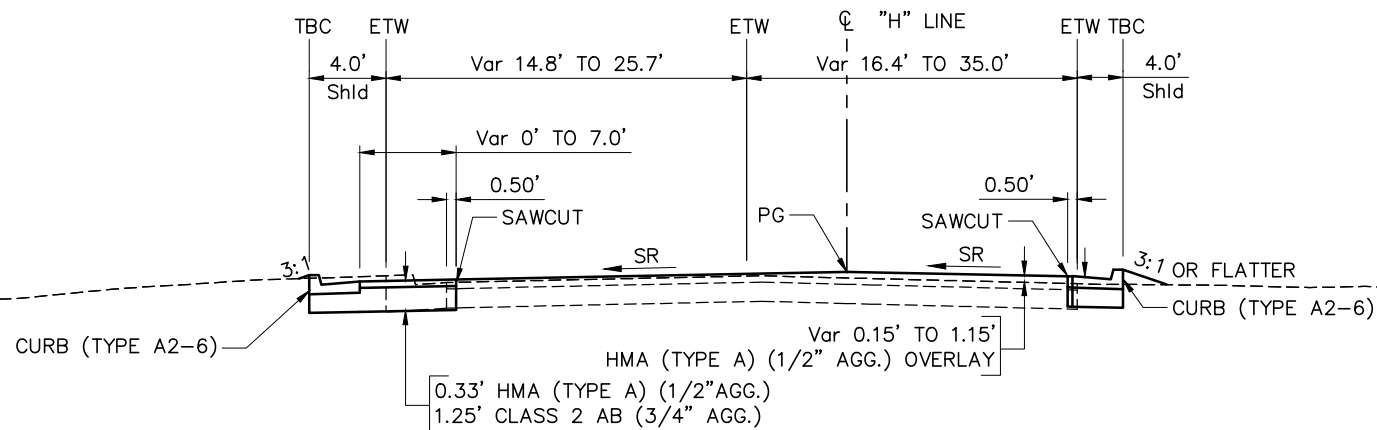
3 OF 102 SHEETS

NOTES:

1. DIMENSIONS OF THE STRUCTURAL SECTION ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATION ARE SHOWN ON PROFILE AND SUPERELEVATION SHEETS
3. FOR COMPLETE R/W DATA, SEE R/W RECORD MAPS AT THE COUNTY OFFICE.



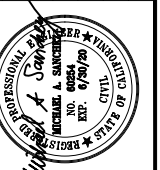
FIRE STATION ROAD
"H" Sta 103+89.24 TO 104+11.03



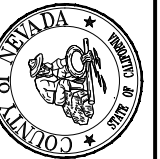
HIGGINS ROAD
"H" Sta 102+00.00 TO 102+94.39

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
TYPICAL CROSS SECTIONS

DRAWING: N09-300rca003.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
X-3
4 OF 10 SHEETS

NOTES:

- FOR COMPLETE RIGHT OF WAY DATA, SEE RIGHT OF WAY RECORD MAPS AT COUNTY OFFICE.
- RIGHT OF WAY IS BASED OFF RECORD INFORMATION FROM 15 ROS 183 AND ADJACENT RECORD MAPS.
- CALTRANS MONUMENTS WERE SEARCHED FOR BUT NOT FOUND.
- ALL EXISTING MONUMENTS ARE OUTSIDE OF ALL PROPOSED IMPROVEMENTS.
- FOR SIDEWALK, DRIVEWAY AND DRIVEWAY CONFORM INFORMATION, SEE CONSTRUCTION DETAIL SHEETS.
- FOR UTILITY INFORMATION, SEE UTILITY SHEETS.
- FOR MEDIAN ISLAND DETAILS, INCLUDING DIMENSIONS AND CURB OPENING AT MEDIAN, SEE CONSTRUCTION DETAIL SHEETS.
- FOR CURB OPENING DETAILS, SEE CONSTRUCTION DETAIL SHEETS.
- DIMENSIONS SHOWN ARE FROM FLOW LINE TO FLOW LINE UNLESS OTHERWISE NOTED.

LEGEND:

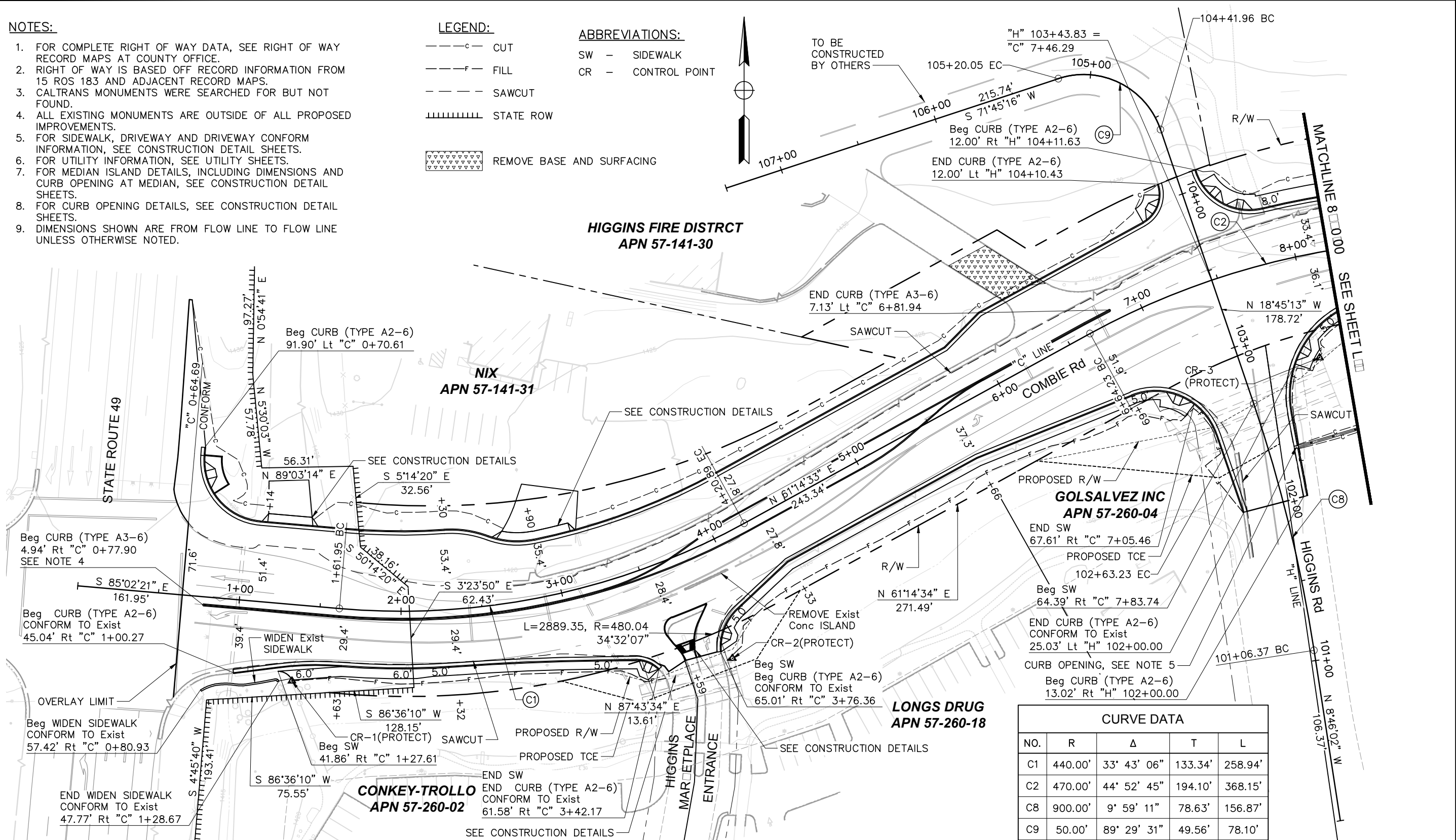
- c--- CUT
- f--- FILL
- s--- SAWCUT
- |||||| STATE ROW
- REMOVE BASE AND SURFACING

ABBREVIATIONS:

- SW - SIDEWALK
- CR - CONTROL POINT



TO BE CONSTRUCTED BY OTHERS



CURVE DATA				
NO.	R	Δ	T	L
C1	440.00'	33° 43' 06"	133.34'	258.94'
C2	470.00'	44° 52' 45"	194.10'	368.15'
C8	900.00'	9° 59' 11"	78.63'	156.87'
C9	50.00'	89° 29' 31"	49.56'	78.10'

SURVEY CONTROL ALL SURVEY CONTROL ARE MONUMENTS SET PER ROS 8 PROTECT IN PLACE							
No.	NORTHING	EASTING	ELEV	LINE	STATION	OFFSET	COMMENTS
1	2142749.1620	6818919.9510	1421.065	"C"	1+36.68	47.00' Rt	SET IN CONCRETE N.E. COR OF BRIDGE
2	2142763.1840	6819191.6660	1420.945	"C"	3+80.92	71.58' Rt	SET IN TOP OF CONCRETE HEADWALL
3	2142948.6950	6819553.8600	1422.655	"C"	8+01.57	63.87' Rt	SET IN TOP OF CONCRETE HEADWALL
4	2142959.4950	6819774.6530	1426.573	"C"	10+49.99	40.17' Rt	SET IN AC DRIVEWAY
5	2143009.5530	6820905.4490	1440.132	"C"	21+75.87	44.85' Lt	SET IN CONCRETE SIDEWALK
6	2142916.5530	6821338.4400	1442.390	"C"	26+30.82	32.01' Lt	SET IN CONCRETE SIDEWALK
7	2142948.6950	6819553.8600	1422.655	"C"	39+12.66	66.71' Lt	SET IN TOP OF CONCRETE HEADWALL

REVISIONS

NO.	DATE	BY	DESCRIPTION



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



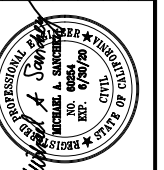
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
LAYOUT

DRAWING: N09-300red001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



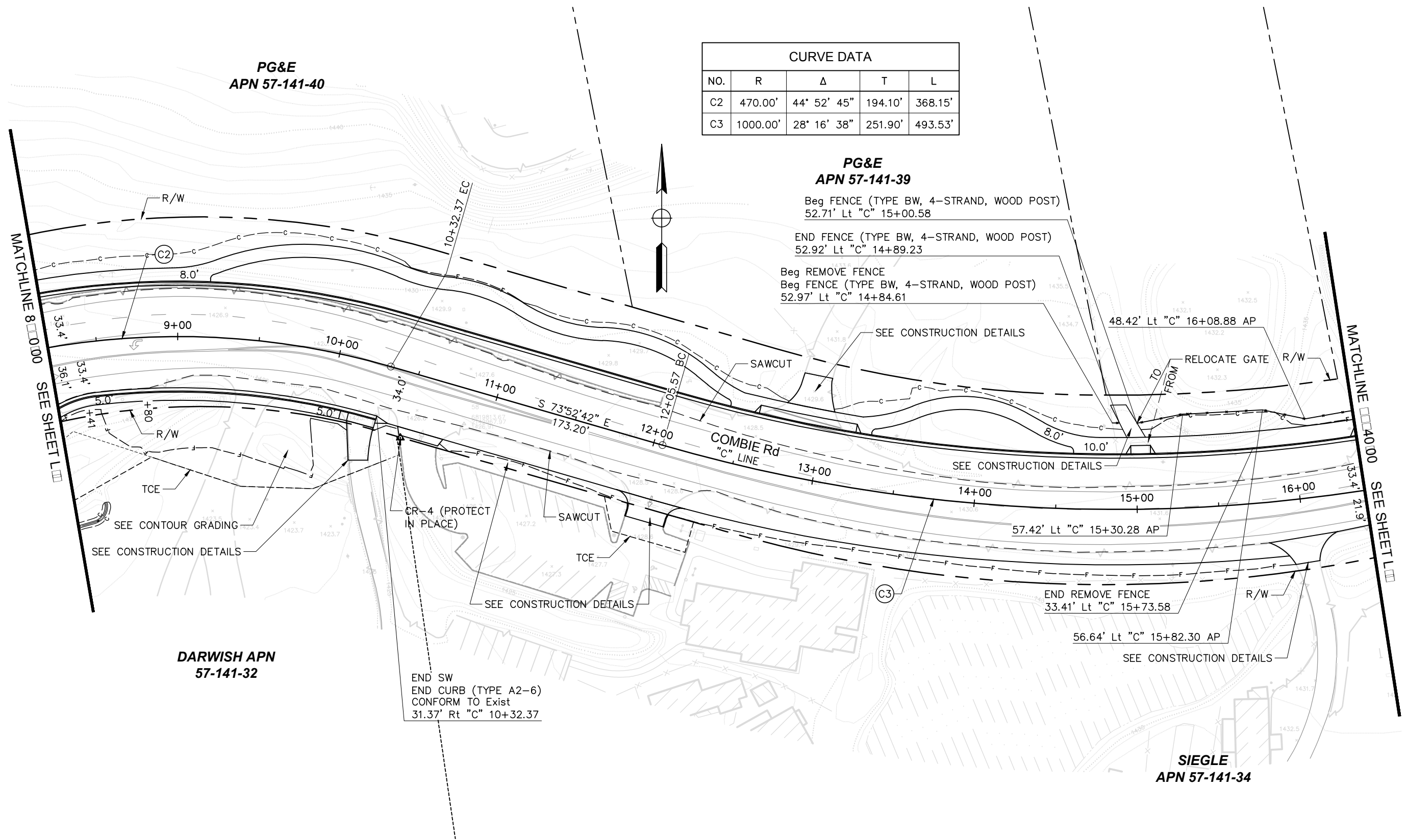
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
LAYOUT

DRAWING: N09-300red002.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
L-2
6 OF 102 SHEETS

CURVE DATA				
NO.	R	Δ	T	L
C2	470.00'	44° 52' 45"	194.10'	368.15'
C3	1000.00'	28° 16' 38"	251.90'	493.53'

PG&E
APN 57-141-39
Beg FENCE (TYPE BW, 4-STRAND, WOOD POST)
52.71' Lt "C" 15+00.58
END FENCE (TYPE BW, 4-STRAND, WOOD POST)
52.92' Lt "C" 14+89.23
Beg REMOVE FENCE
Beg FENCE (TYPE BW, 4-STRAND, WOOD POST)
52.97' Lt "C" 14+84.61



PG&E
APN 57-141-40

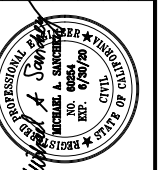
DARWISH APN
57-141-32

SIEGLE
APN 57-141-34

SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



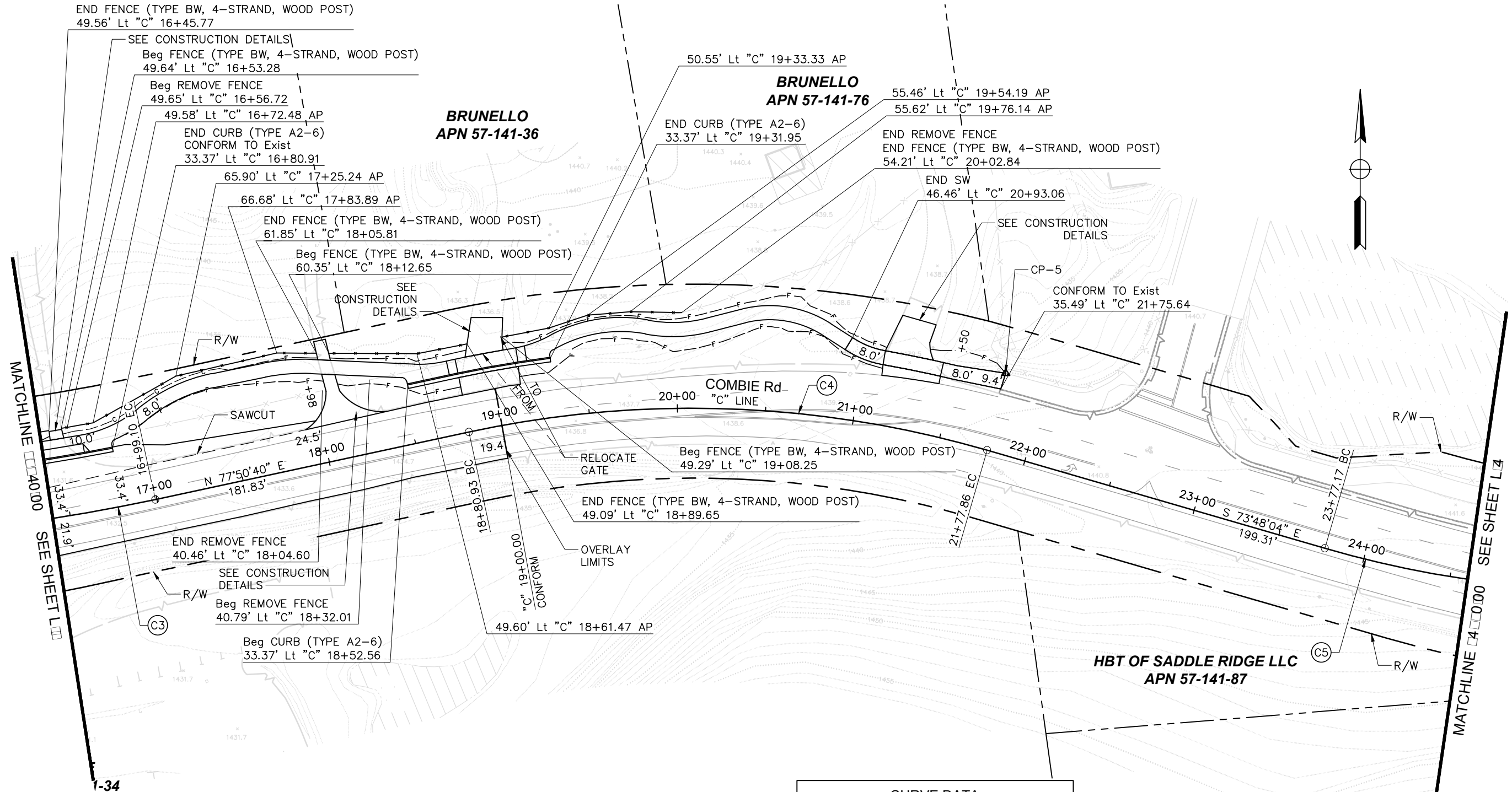
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
LAYOUT

DRAWING: N09-300red003.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
L-3
7 OF 102 SHEETS



CURVE DATA				
NO.	R	Δ	T	L
C3	1000.00'	28° 16' 38"	251.90'	493.53'
C4	600.00'	28° 21' 16"	151.57'	296.93'
C5	600.00'	14° 59' 25"	78.94'	156.98'

SCALE : 1" = 30'

END FENCE (TYPE BW, 4-STRAND, WOOD POST)
49.56' Lt "C" 16+45.77

SEE CONSTRUCTION DETAILS
Beg FENCE (TYPE BW, 4-STRAND, WOOD POST)
49.64' Lt "C" 16+53.28

Beg REMOVE FENCE
49.65' Lt "C" 16+56.72

49.58' Lt "C" 16+72.48 AP
END CURB (TYPE A2-6)
CONFORM TO Exist
33.37' Lt "C" 16+80.91

65.90' Lt "C" 17+25.24 AP

66.68' Lt "C" 17+83.89 AP

END FENCE (TYPE BW, 4-STRAND, WOOD POST)
61.85' Lt "C" 18+05.81

Beg FENCE (TYPE BW, 4-STRAND, WOOD POST)
60.35' Lt "C" 18+12.65

SEE CONSTRUCTION DETAILS

50.55' Lt "C" 19+33.33 AP

BRUNELLO
APN 57-141-76

55.46' Lt "C" 19+54.19 AP
55.62' Lt "C" 19+76.14 AP

END CURB (TYPE A2-6)
33.37' Lt "C" 19+31.95

END REMOVE FENCE
END FENCE (TYPE BW, 4-STRAND, WOOD POST)
54.21' Lt "C" 20+02.84

END SW
46.46' Lt "C" 20+93.06

SEE CONSTRUCTION DETAILS

CP-5
CONFORM TO Exist
35.49' Lt "C" 21+75.64

COMBIE Rd
"C" LINE

Beg FENCE (TYPE BW, 4-STRAND, WOOD POST)
49.29' Lt "C" 19+08.25

RELOCATE GATE

END FENCE (TYPE BW, 4-STRAND, WOOD POST)
49.09' Lt "C" 18+89.65

OVERLAY LIMITS

49.60' Lt "C" 18+61.47 AP

END REMOVE FENCE
40.46' Lt "C" 18+04.60

SEE CONSTRUCTION DETAILS

Beg REMOVE FENCE
40.79' Lt "C" 18+32.01

Beg CURB (TYPE A2-6)
33.37' Lt "C" 18+52.56

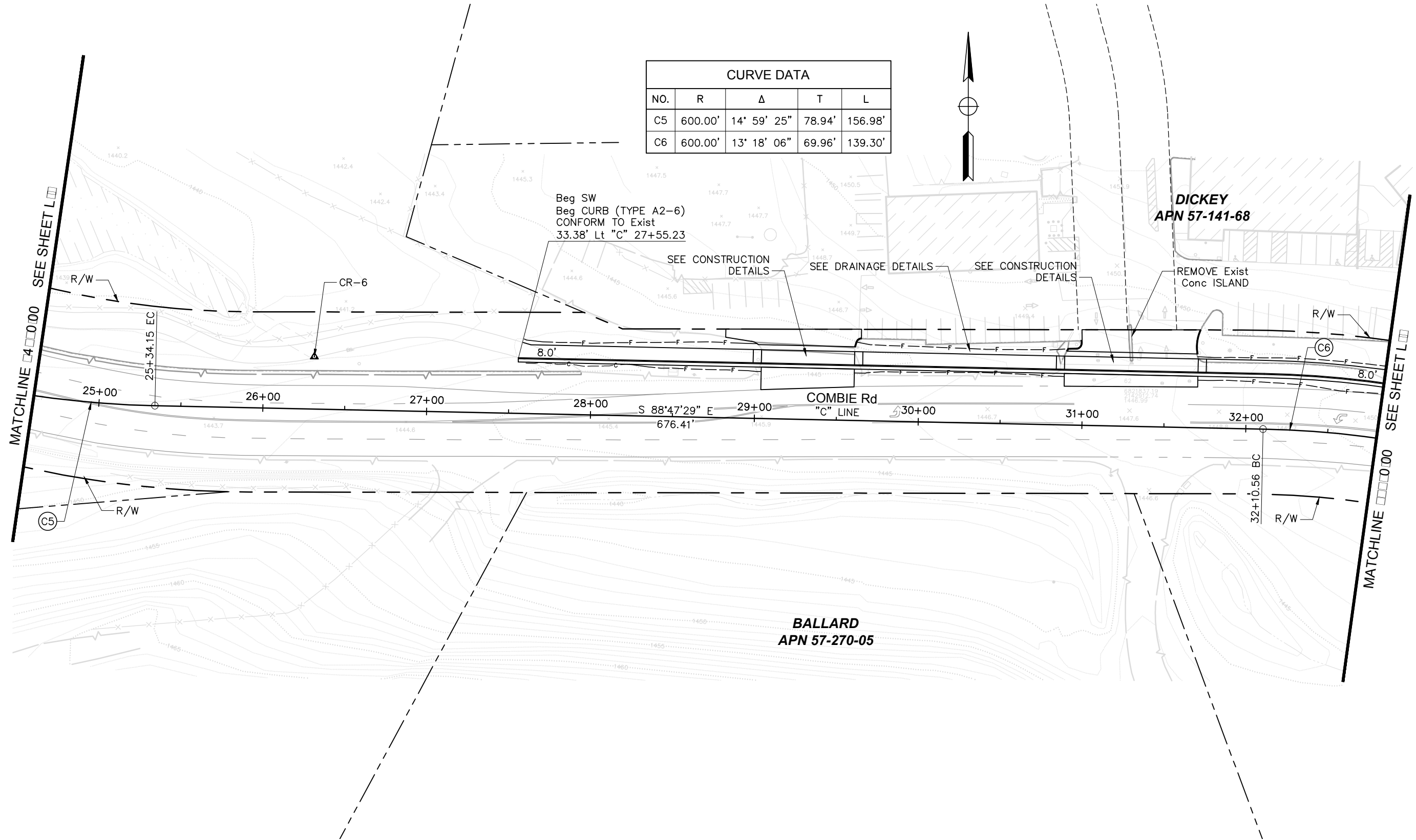
HBT OF SADDLE RIDGE LLC
APN 57-141-87

MATCHLINE 14+00.00 SEE SHEET L-34

MATCHLINE 24+00.00 SEE SHEET L-3

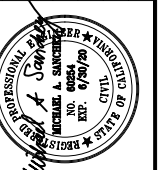
1-34

CURVE DATA				
NO.	R	Δ	T	L
C5	600.00'	14° 59' 25"	78.94'	156.98'
C6	600.00'	13° 18' 06"	69.96'	139.30'



REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
LAYOUT

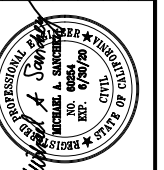
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DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
L-4
8 OF 102 SHEETS

SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION

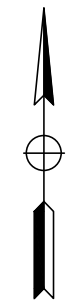


COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
LAYOUT

DRAWING: N09-300red005.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
L-5
9 OF 102 SHEETS

CURVE DATA				
NO.	R	Δ	T	L
C6	600.00'	13° 18' 06"	69.96'	139.30'
C7	600.00'	64° 09' 57"	376.13'	671.94'

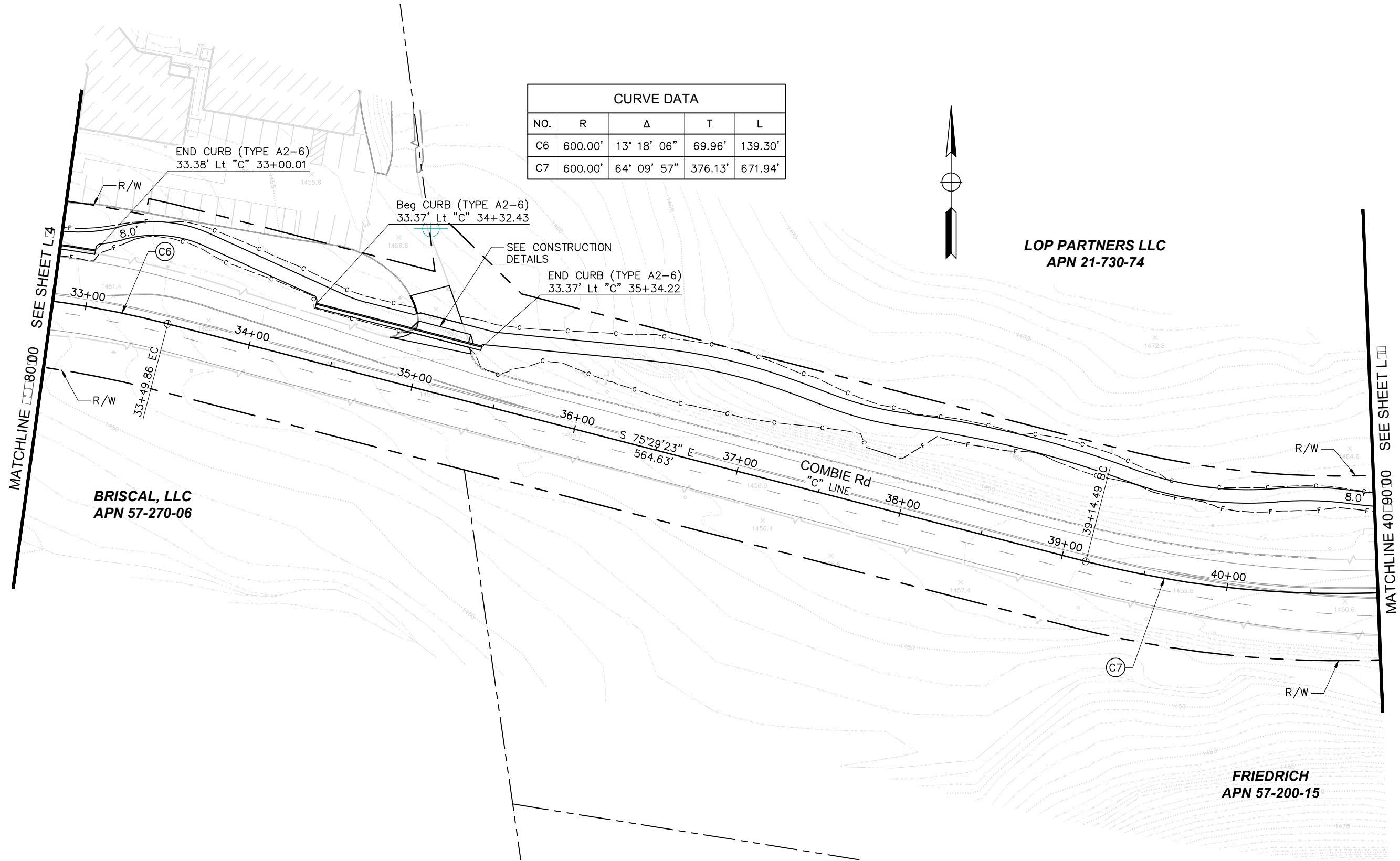


LOP PARTNERS LLC
APN 21-730-74

BRISCAL, LLC
APN 57-270-06

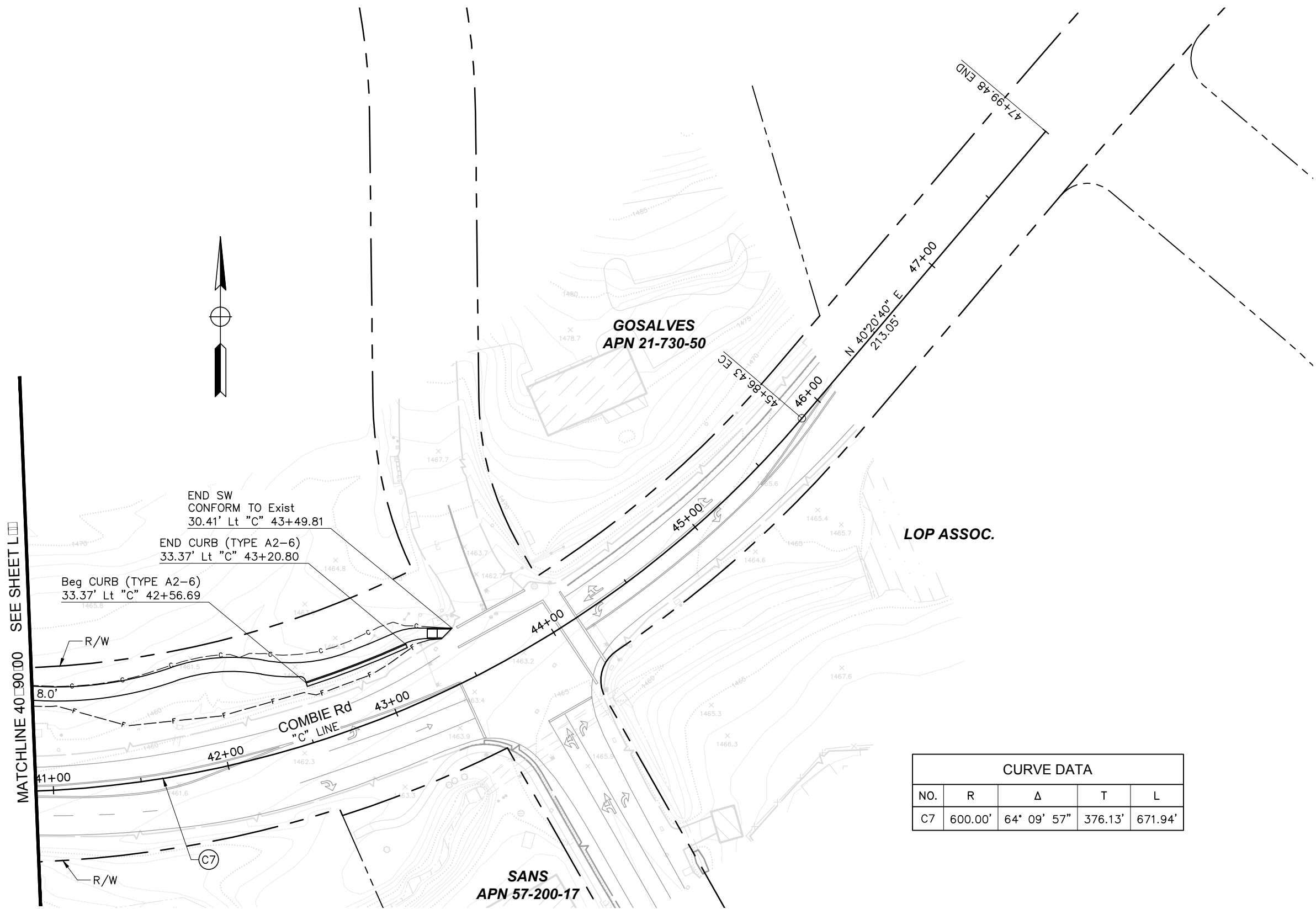
FRIEDRICH
APN 57-200-15

SCALE : 1" = 30'



MATCHLINE 80+00 SEE SHEET L-4

MATCHLINE 40+00 SEE SHEET L-5



MATCHLINE 40+90.00 SEE SHEET L

END SW
CONFORM TO Exist
30.41' Lt "C" 43+49.81

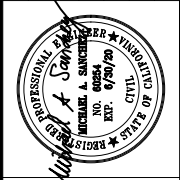
END CURB (TYPE A2-6)
33.37' Lt "C" 43+20.80

Beg CURB (TYPE A2-6)
33.37' Lt "C" 42+56.69

CURVE DATA				
NO.	R	Δ	T	L
C7	600.00'	64° 09' 57"	376.13'	671.94'

SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



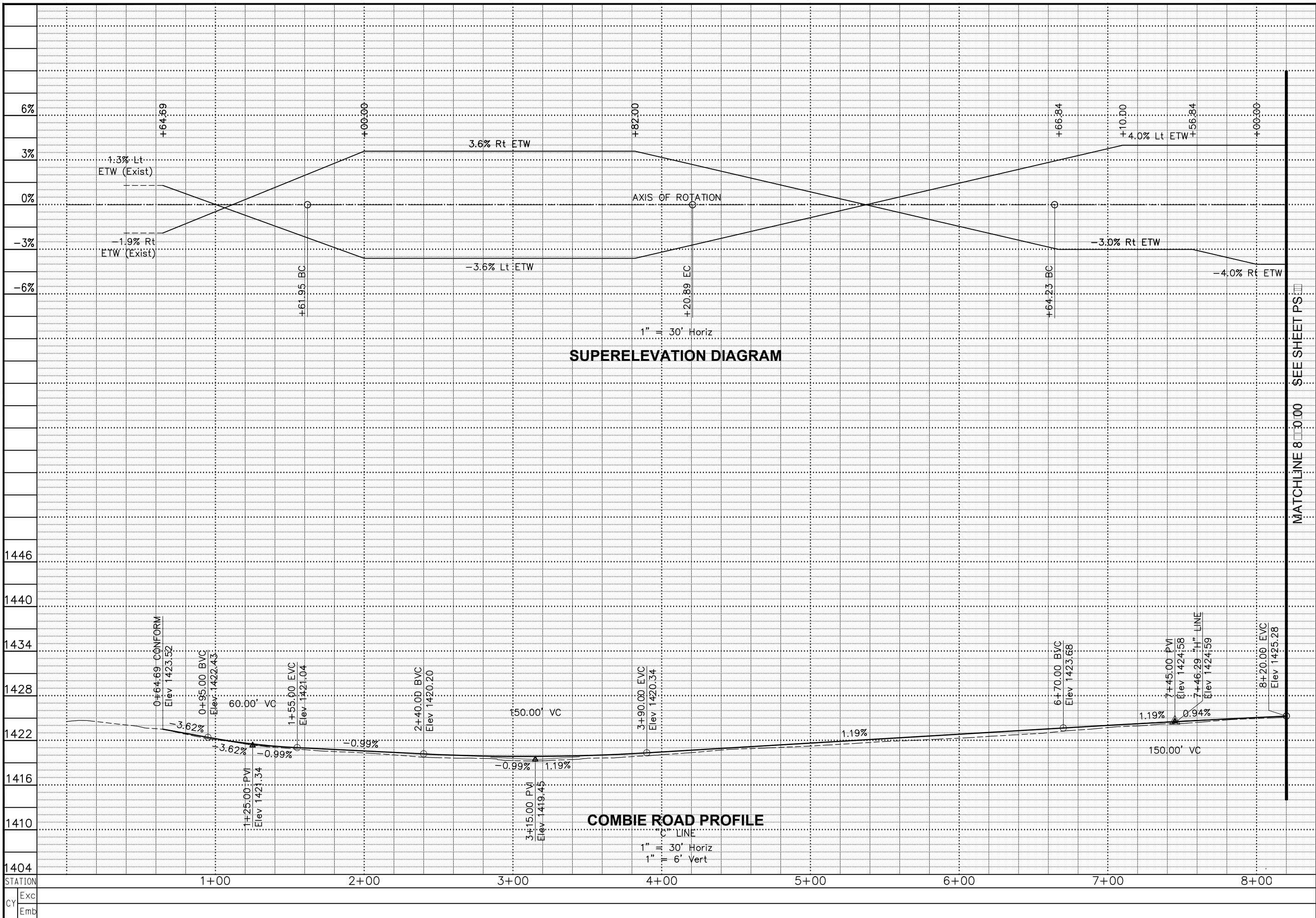
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
LAYOUT

DRAWING: N09-300red006.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
L-6
10 OF 102 SHEETS



REVISIONS

NO.	DESCRIPTION	BY	DATE

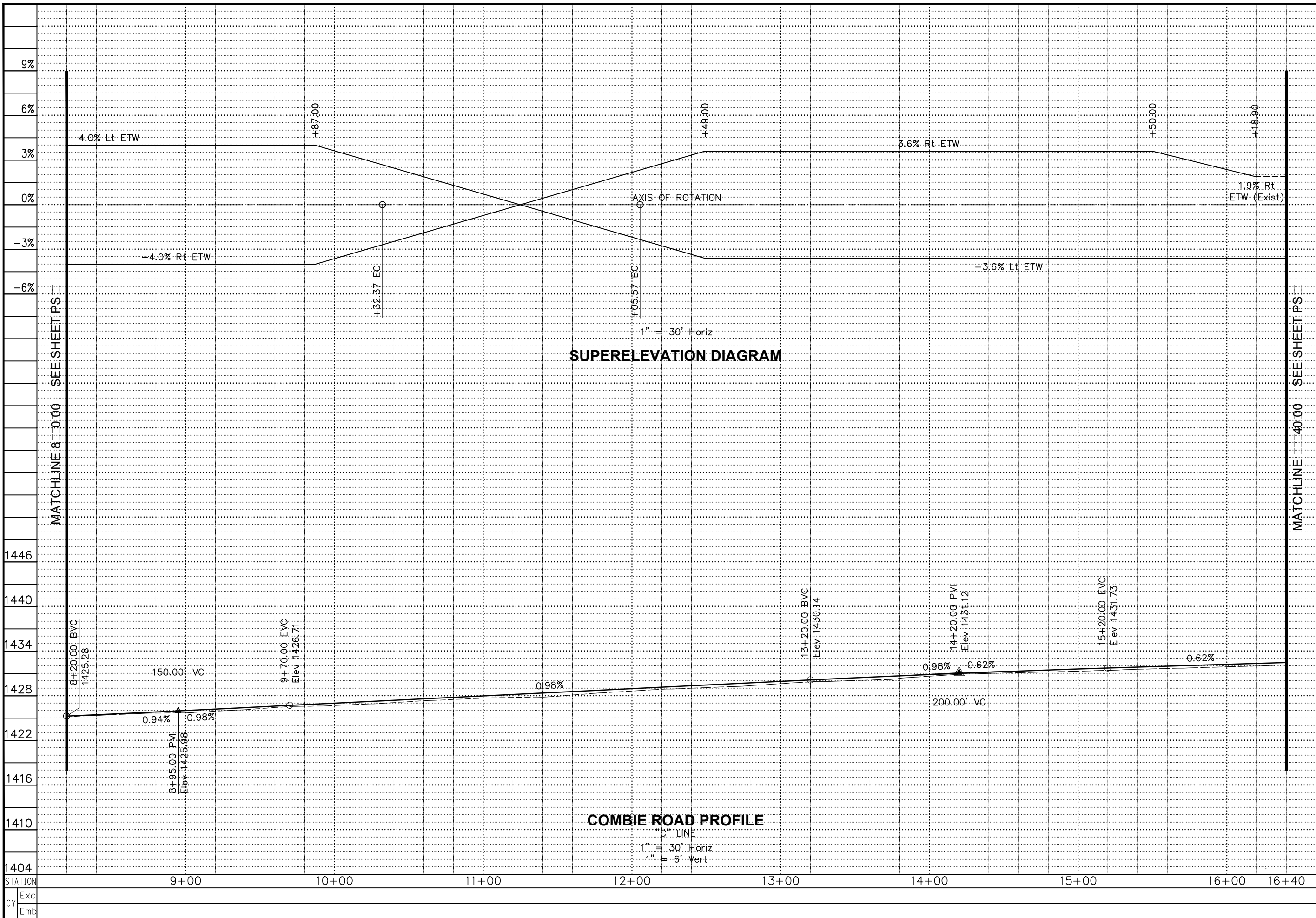
NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 PROFILE & SUPERELEVATION

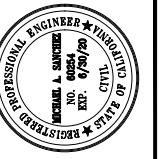
DRAWING: N09-300rb001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019
SHEET
PS-1
11 OF 102 SHEETS

STATION	Exc	Emb
1404		
1410		
1416		
1422		
1428		
1434		
1440		
1446		
TOTAL		



REVISIONS

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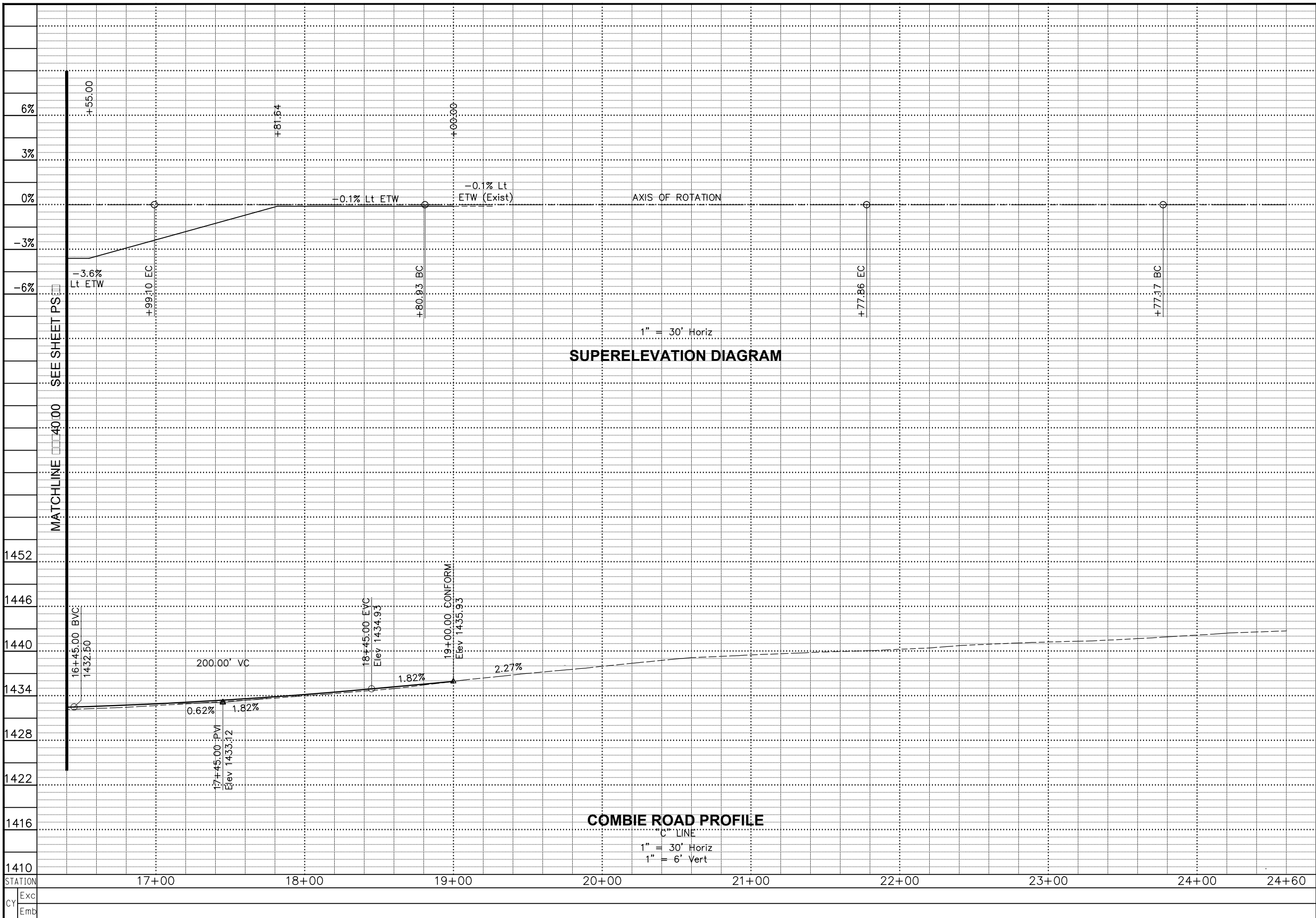


NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



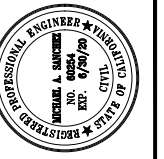
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
PROFILE & SUPERELEVATION

DRAWING: N09-300-rb002.dwg
DESIGNED: MAS
DRAWN: BG
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REVISIONS

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NEVADA COUNTY
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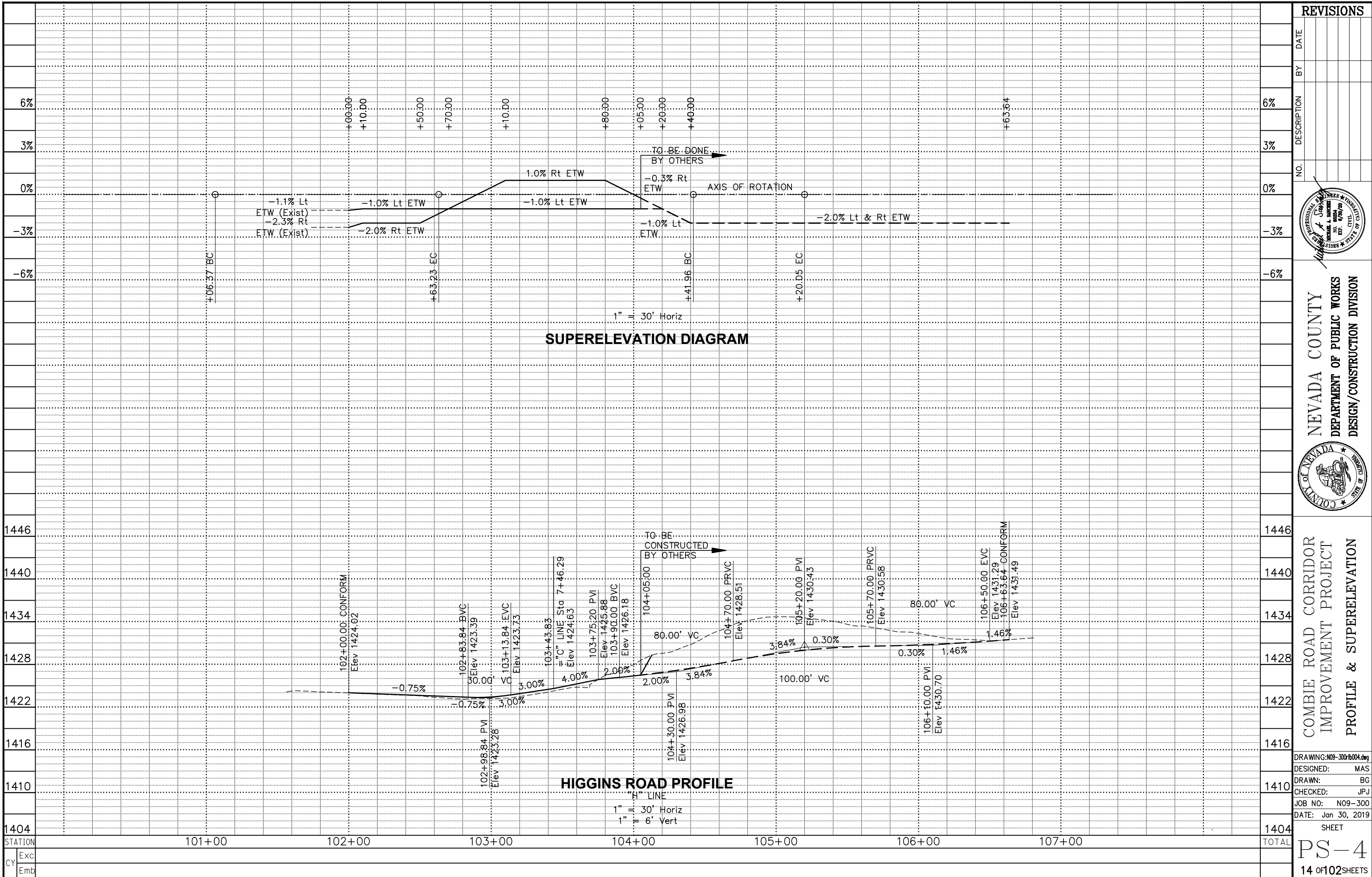


COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 PROFILE & SUPERELEVATION

DRAWING: N09-300-rb003.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
PS-3
 13 of 102 SHEETS

STATION	Exc	Emb	TOTAL
17+00			
18+00			
19+00			
20+00			
21+00			
22+00			
23+00			
24+00			
24+60			
1410			
1416			
1422			
1428			
1434			
1440			
1446			
1452			



REVISIONS		
NO.	DESCRIPTION	BY DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION


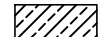

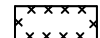

COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 PROFILE & SUPERELEVATION

DRAWING: N09-300-rb004.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019
SHEET
PS-4
14 OF 102 SHEETS

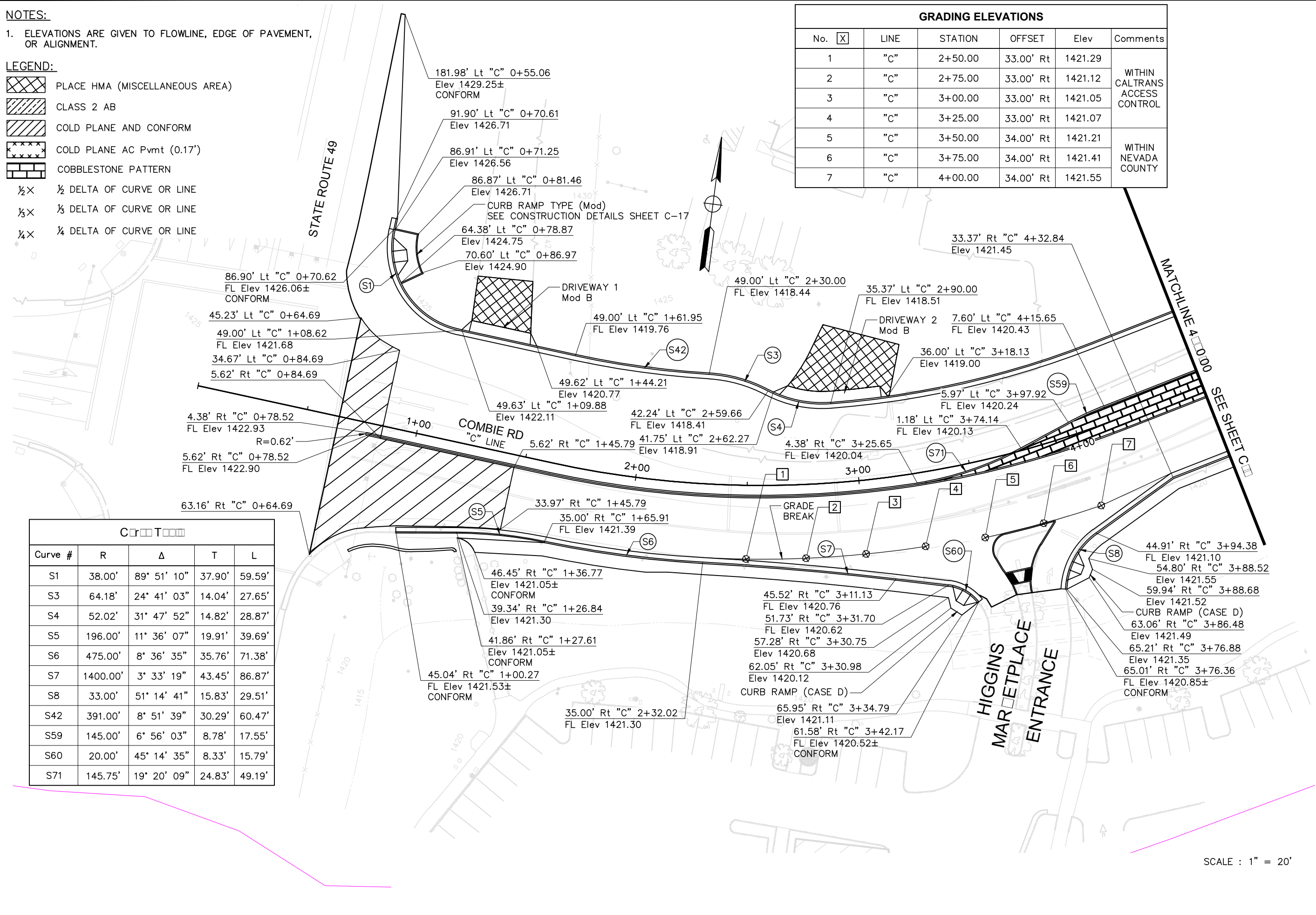
NOTES:

1. ELEVATIONS ARE GIVEN TO FLOWLINE, EDGE OF PAVEMENT, OR ALIGNMENT.

LEGEND:

-  PLACE HMA (MISCELLANEOUS AREA)
-  CLASS 2 AB
-  COLD PLANE AND CONFORM
-  COLD PLANE AC Pvmt (0.17')
-  COBBLESTONE PATTERN
- $\frac{1}{2} \times$ $\frac{1}{2}$ DELTA OF CURVE OR LINE
- $\frac{1}{3} \times$ $\frac{1}{3}$ DELTA OF CURVE OR LINE
- $\frac{1}{4} \times$ $\frac{1}{4}$ DELTA OF CURVE OR LINE

GRADING ELEVATIONS					
No.	LINE	STATION	OFFSET	Elev	Comments
1	"C"	2+50.00	33.00' Rt	1421.29	WITHIN CALTRANS ACCESS CONTROL
2	"C"	2+75.00	33.00' Rt	1421.12	
3	"C"	3+00.00	33.00' Rt	1421.05	
4	"C"	3+25.00	33.00' Rt	1421.07	WITHIN NEVADA COUNTY
5	"C"	3+50.00	34.00' Rt	1421.21	
6	"C"	3+75.00	34.00' Rt	1421.41	
7	"C"	4+00.00	34.00' Rt	1421.55	



Curve #	R	Δ	T	L
S1	38.00'	89° 51' 10"	37.90'	59.59'
S3	64.18'	24° 41' 03"	14.04'	27.65'
S4	52.02'	31° 47' 52"	14.82'	28.87'
S5	196.00'	11° 36' 07"	19.91'	39.69'
S6	475.00'	8° 36' 35"	35.76'	71.38'
S7	1400.00'	3° 33' 19"	43.45'	86.87'
S8	33.00'	51° 14' 41"	15.83'	29.51'
S42	391.00'	8° 51' 39"	30.29'	60.47'
S59	145.00'	6° 56' 03"	8.78'	17.55'
S60	20.00'	45° 14' 35"	8.33'	15.79'
S71	145.75'	19° 20' 09"	24.83'	49.19'

REVISIONS			
NO.	DATE	BY	DESCRIPTION



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

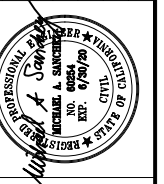
DRAWING: N09-300rq001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
C-1
15 OF 102 SHEETS

SCALE : 1" = 20'

REVISIONS

NO.	DESCRIPTION	BY	DATE



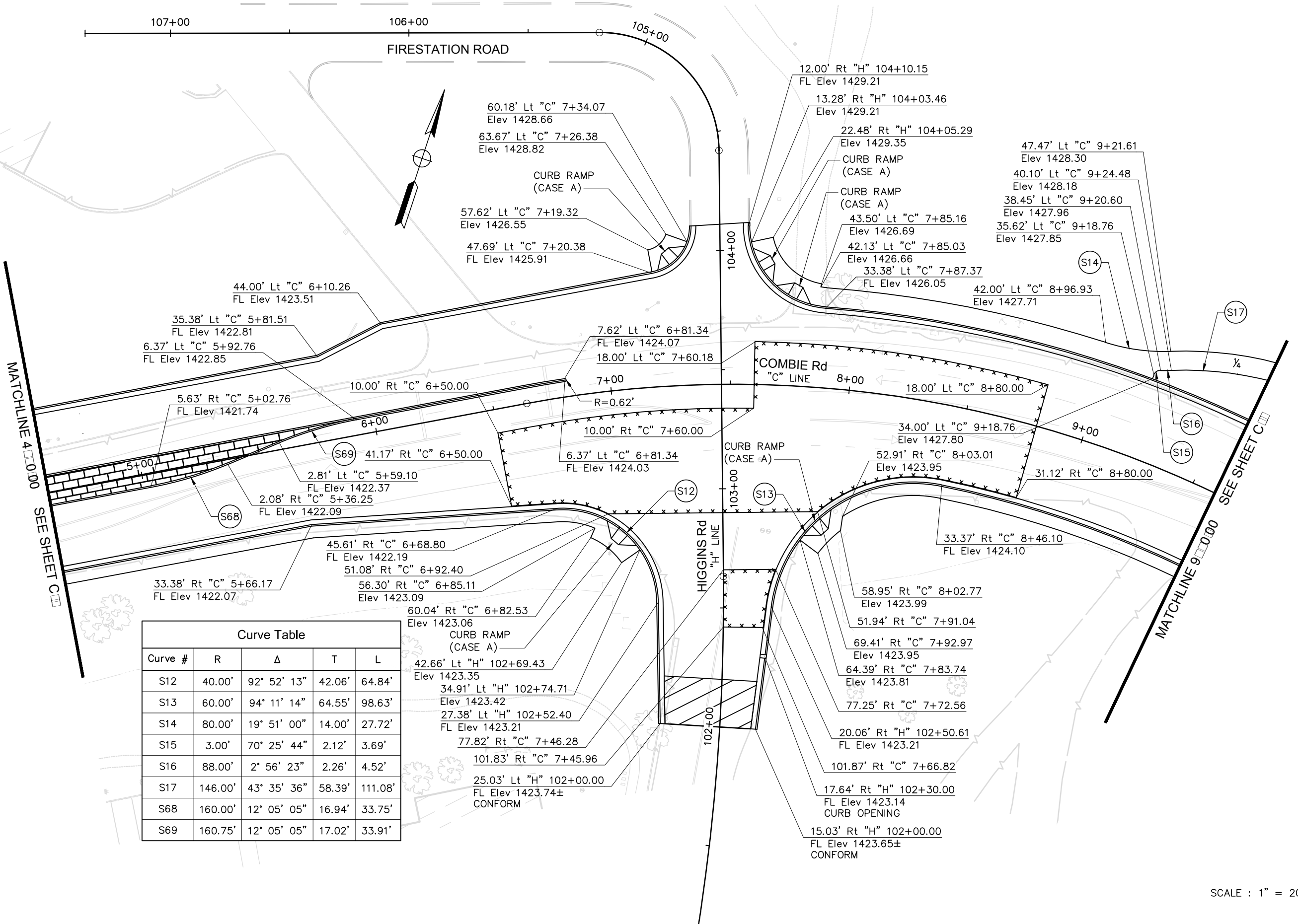
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rq002.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

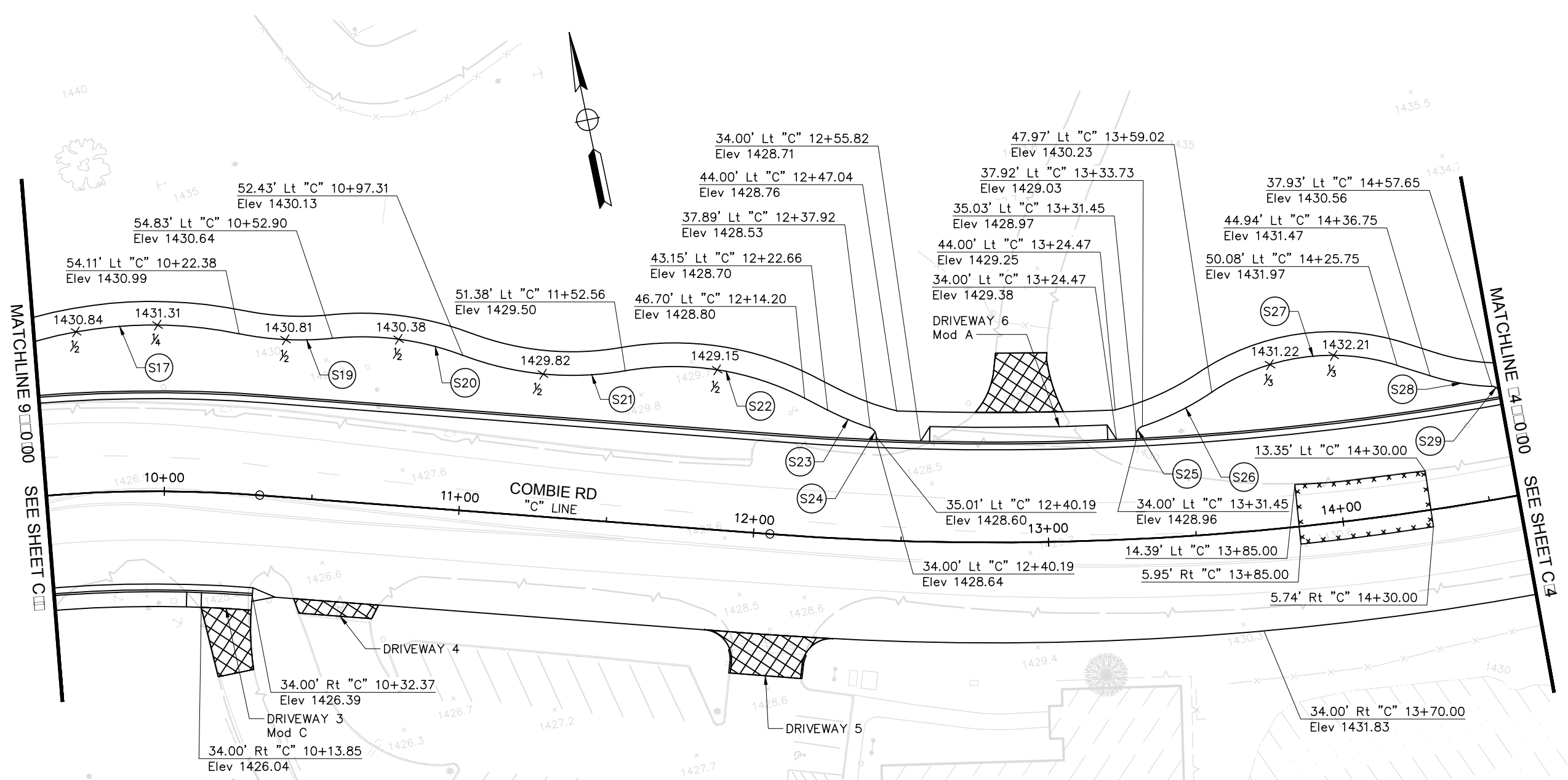
SHEET
C-2
16 OF 102 SHEETS



Curve Table

Curve #	R	Δ	T	L
S12	40.00'	92° 52' 13"	42.06'	64.84'
S13	60.00'	94° 11' 14"	64.55'	98.63'
S14	80.00'	19° 51' 00"	14.00'	27.72'
S15	3.00'	70° 25' 44"	2.12'	3.69'
S16	88.00'	2° 56' 23"	2.26'	4.52'
S17	146.00'	43° 35' 36"	58.39'	111.08'
S68	160.00'	12° 05' 05"	16.94'	33.75'
S69	160.75'	12° 05' 05"	17.02'	33.91'

SCALE : 1" = 20'



MATCHLINE 9+00.00 SEE SHEET C1

MATCHLINE 14+00.00 SEE SHEET C2

Curve Table				
Curve #	R	Δ	T	L
S17	146.00'	43° 35' 36"	58.39'	111.08'
S19	104.00'	17° 31' 14"	16.03'	31.80'
S20	96.00'	26° 47' 01"	22.86'	44.88'
S21	104.00'	30° 48' 59"	28.66'	55.94'
S22	96.00'	37° 18' 34"	32.41'	62.51'
S23	96.00'	9° 17' 38"	7.80'	15.57'

Curve Table				
Curve #	R	Δ	T	L
S24	3.00'	74° 19' 20"	2.27'	3.89'
S25	3.00'	74° 21' 58"	2.28'	3.89'
S26	97.00'	15° 31' 54"	13.23'	26.29'
S27	73.00'	51° 32' 28"	35.24'	65.67'
S28	79.00'	15° 26' 07"	10.71'	21.28'
S29	3.00'	77° 41' 17"	2.42'	4.07'

SCALE : 1" = 20'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION

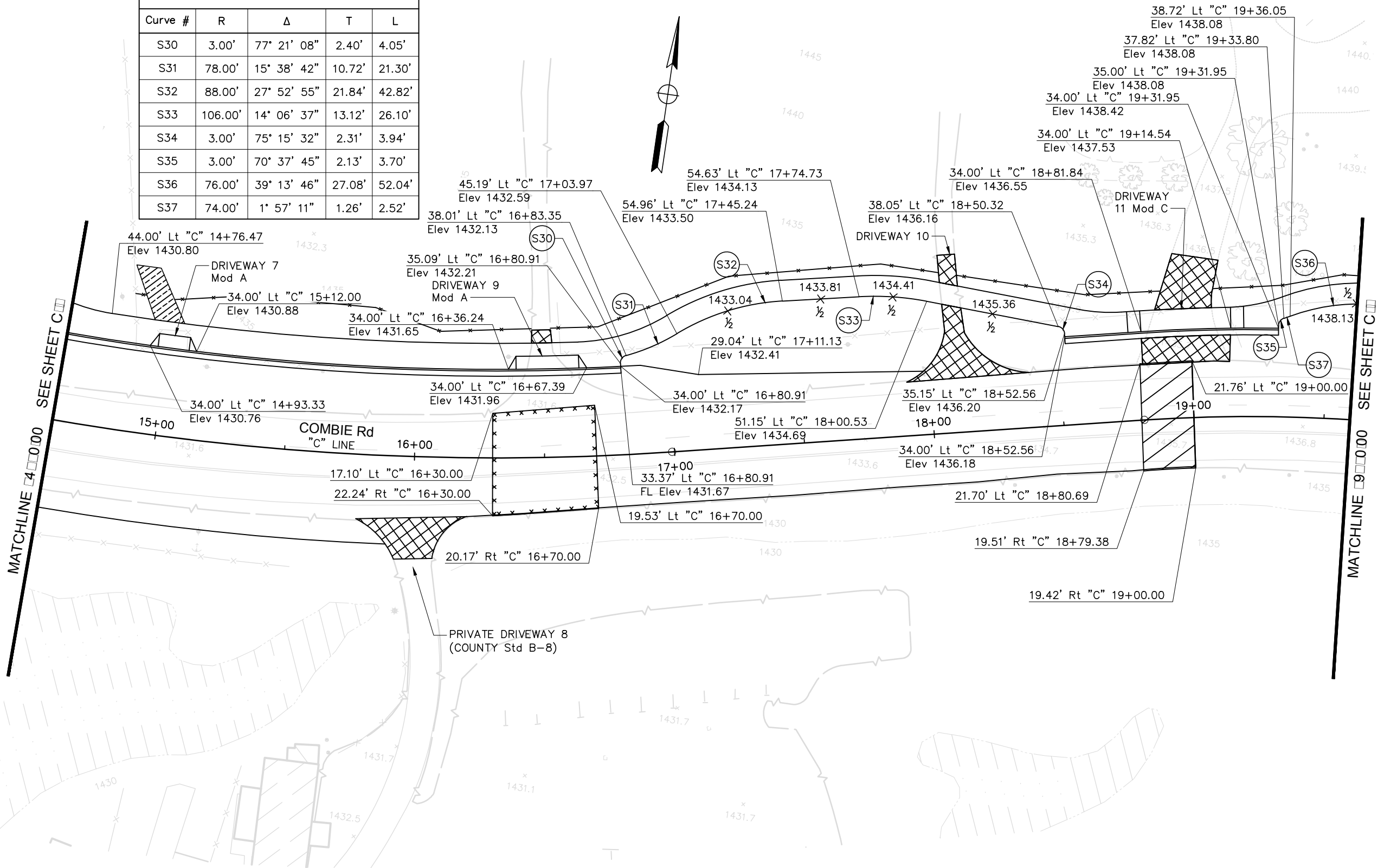


COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rg003.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
C-3
17 OF 102 SHEETS

CIRCUIT				
Curve #	R	Δ	T	L
S30	3.00'	77° 21' 08"	2.40'	4.05'
S31	78.00'	15° 38' 42"	10.72'	21.30'
S32	88.00'	27° 52' 55"	21.84'	42.82'
S33	106.00'	14° 06' 37"	13.12'	26.10'
S34	3.00'	75° 15' 32"	2.31'	3.94'
S35	3.00'	70° 37' 45"	2.13'	3.70'
S36	76.00'	39° 13' 46"	27.08'	52.04'
S37	74.00'	1° 57' 11"	1.26'	2.52'



MATCHLINE 4+00.00 SEE SHEET C

MATCHLINE 9+00.00 SEE SHEET C

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION

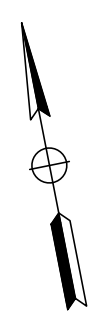
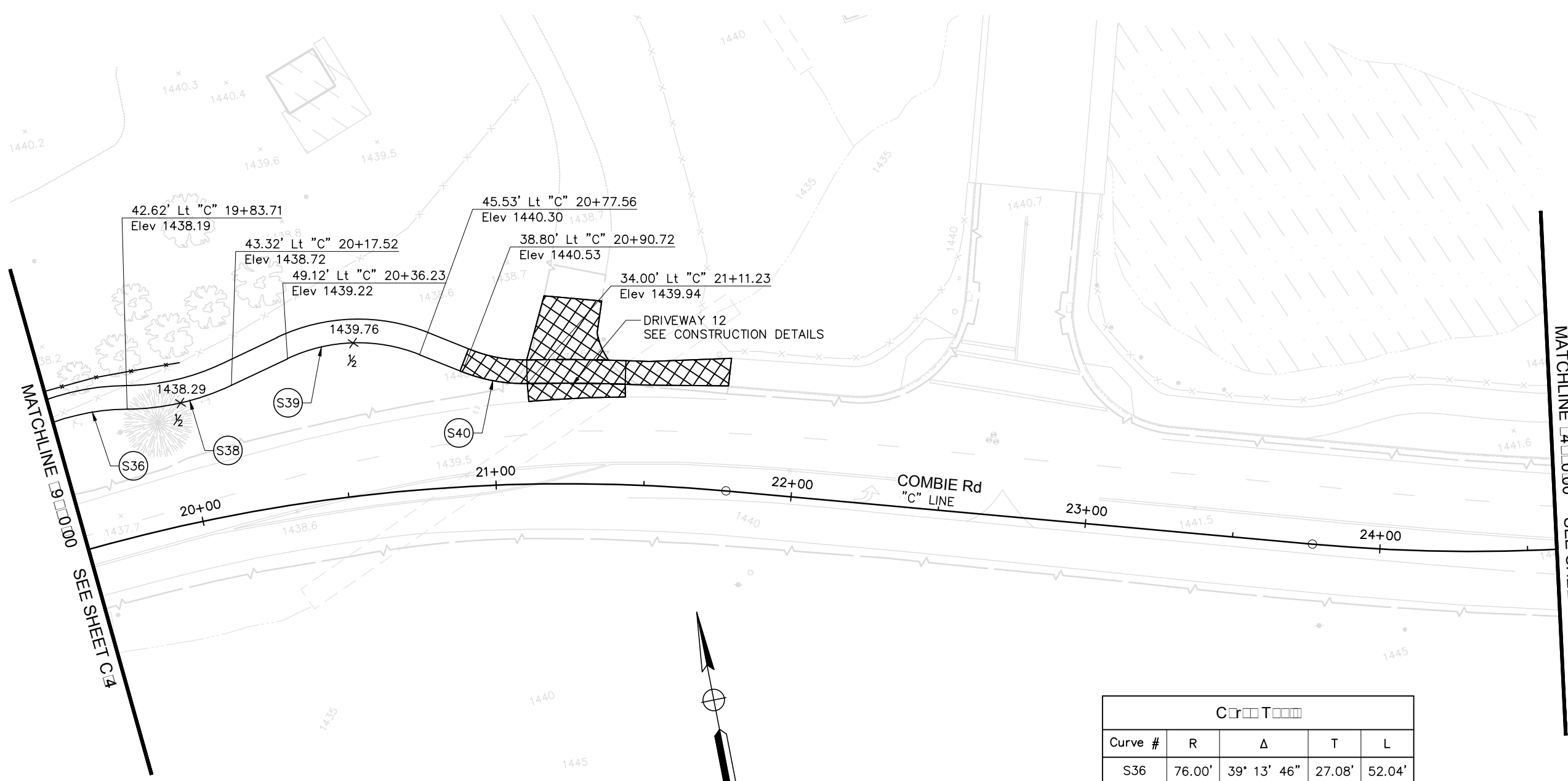


COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rg004.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SCALE : 1" = 20'

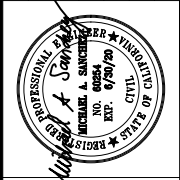
SHEET
C-4
18 OF 102 SHEETS



C O N T				
Curve #	R	Δ	T	L
S36	76.00'	39° 13' 46"	27.08'	52.04'
S38	84.00'	24° 54' 25"	18.55'	36.52'
S39	56.00'	47° 04' 07"	24.39'	46.00'
S40	56.00'	22° 56' 50"	11.37'	22.43'

SCALE : 1" = 20'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



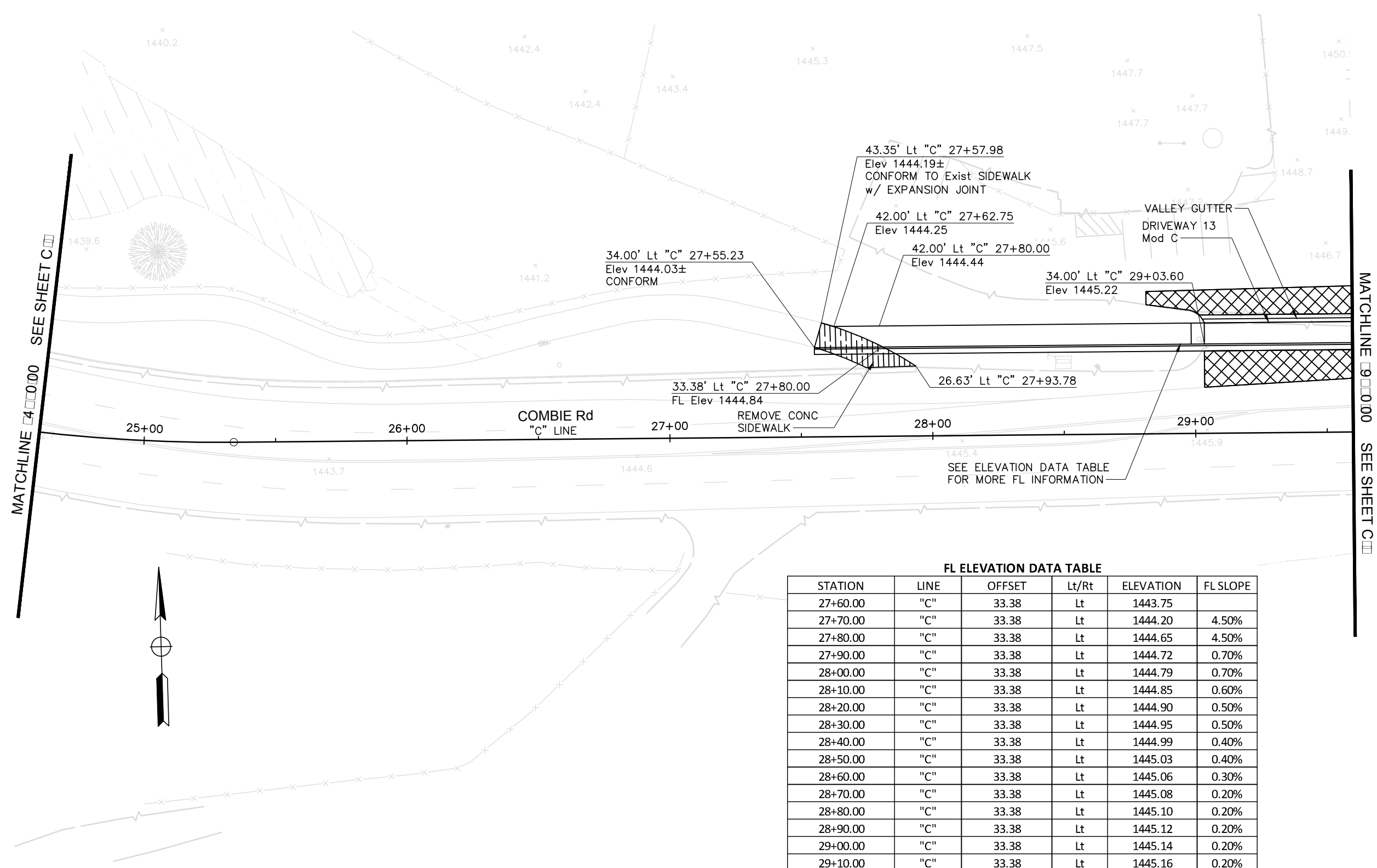
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rq005.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
C-5
19 OF 102 SHEETS



FL ELEVATION DATA TABLE

STATION	LINE	OFFSET	Lt/Rt	ELEVATION	FL SLOPE
27+60.00	"C"	33.38	Lt	1443.75	
27+70.00	"C"	33.38	Lt	1444.20	4.50%
27+80.00	"C"	33.38	Lt	1444.65	4.50%
27+90.00	"C"	33.38	Lt	1444.72	0.70%
28+00.00	"C"	33.38	Lt	1444.79	0.70%
28+10.00	"C"	33.38	Lt	1444.85	0.60%
28+20.00	"C"	33.38	Lt	1444.90	0.50%
28+30.00	"C"	33.38	Lt	1444.95	0.50%
28+40.00	"C"	33.38	Lt	1444.99	0.40%
28+50.00	"C"	33.38	Lt	1445.03	0.40%
28+60.00	"C"	33.38	Lt	1445.06	0.30%
28+70.00	"C"	33.38	Lt	1445.08	0.20%
28+80.00	"C"	33.38	Lt	1445.10	0.20%
28+90.00	"C"	33.38	Lt	1445.12	0.20%
29+00.00	"C"	33.38	Lt	1445.14	0.20%
29+10.00	"C"	33.38	Lt	1445.16	0.20%
29+20.00	"C"	33.38	Lt	1445.18	0.20%
29+30.00	"C"	33.38	Lt	1445.21	0.30%
29+40.00	"C"	33.38	Lt	1445.25	0.40%
29+50.00	"C"	33.38	Lt	1445.29	0.40%
29+60.00	"C"	33.38	Lt	1445.34	0.50%

SCALE : 1" = 20'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION

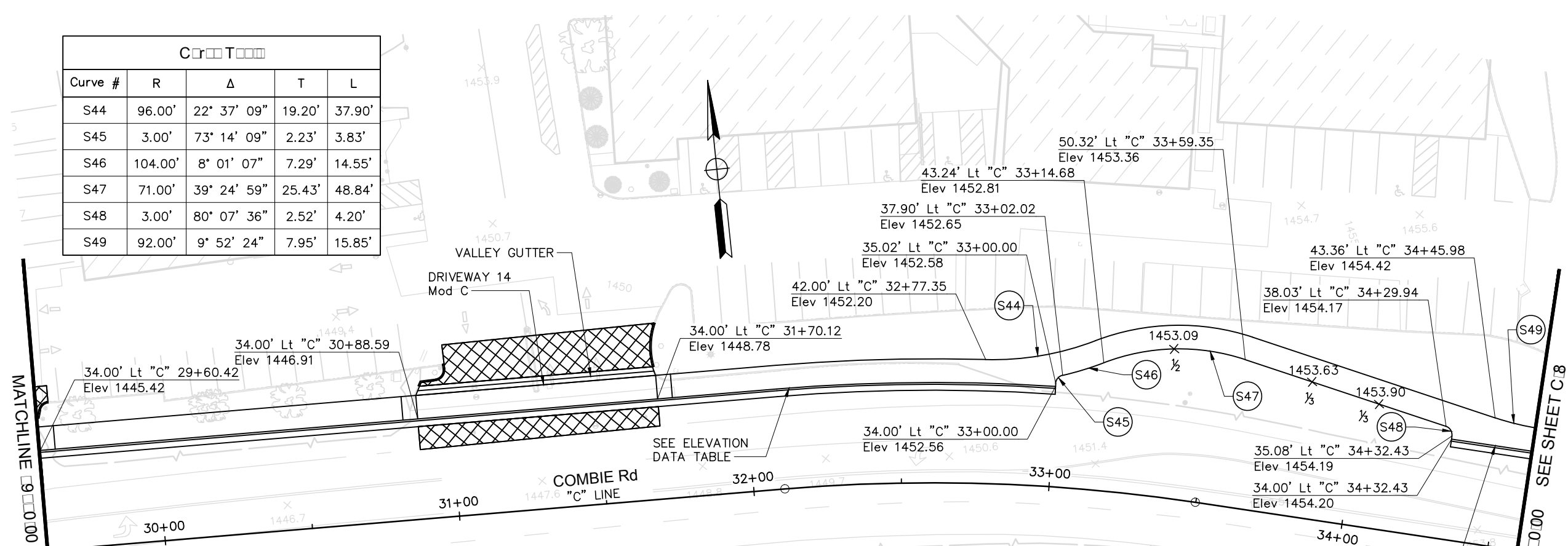


COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rq006.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
C-6
20 OF 102 SHEETS

Curve #	R	Δ	T	L
S44	96.00'	22° 37' 09"	19.20'	37.90'
S45	3.00'	73° 14' 09"	2.23'	3.83'
S46	104.00'	8° 01' 07"	7.29'	14.55'
S47	71.00'	39° 24' 59"	25.43'	48.84'
S48	3.00'	80° 07' 36"	2.52'	4.20'
S49	92.00'	9° 52' 24"	7.95'	15.85'



FL ELEVATION DATA TABLE

STATION	LINE	OFFSET	Lt/Rt	ELEVATION	FL SLOPE
29+60.00	"C"	33.38	Lt	1445.34	0.50%
29+70.00	"C"	33.38	Lt	1445.39	0.50%
29+80.00	"C"	33.38	Lt	1445.45	0.60%
29+90.00	"C"	33.38	Lt	1445.51	0.60%
30+00.00	"C"	33.38	Lt	1445.58	0.70%
30+10.00	"C"	33.38	Lt	1445.65	0.70%
30+20.00	"C"	33.38	Lt	1445.73	0.80%
30+30.00	"C"	33.38	Lt	1445.81	0.80%
30+40.00	"C"	33.38	Lt	1445.90	0.90%
30+50.00	"C"	33.38	Lt	1446.08	1.80%
30+60.00	"C"	33.38	Lt	1446.27	1.90%
30+70.00	"C"	33.38	Lt	1446.46	1.90%
30+80.00	"C"	33.38	Lt	1446.66	2.00%
30+90.00	"C"	33.38	Lt	1446.86	2.00%
31+00.00	"C"	33.38	Lt	1447.07	2.10%
31+10.00	"C"	33.38	Lt	1447.28	2.10%
31+20.00	"C"	33.38	Lt	1447.51	2.30%
31+30.00	"C"	33.38	Lt	1447.73	2.20%

FL ELEVATION DATA TABLE

STATION	LINE	OFFSET	Lt/Rt	ELEVATION	FL SLOPE
31+40.00	"C"	33.38	Lt	1447.97	2.40%
31+50.00	"C"	33.38	Lt	1448.21	2.40%
31+60.00	"C"	33.38	Lt	1448.45	2.40%
31+70.00	"C"	33.38	Lt	1448.70	2.50%
31+80.00	"C"	33.38	Lt	1448.96	2.60%
31+90.00	"C"	33.38	Lt	1449.22	2.60%
32+00.00	"C"	33.38	Lt	1449.48	2.60%
32+10.00	"C"	33.38	Lt	1449.76	2.80%
32+20.00	"C"	33.38	Lt	1450.04	2.80%
32+30.00	"C"	33.38	Lt	1450.32	2.80%
32+40.00	"C"	33.38	Lt	1450.61	2.90%
32+50.00	"C"	33.38	Lt	1450.91	3.00%
32+60.00	"C"	33.38	Lt	1451.21	3.00%
32+70.00	"C"	33.38	Lt	1451.42	2.10%
32+80.00	"C"	33.38	Lt	1451.64	2.20%
32+90.00	"C"	33.38	Lt	1451.84	2.00%
33+00.00	"C"	33.38	Lt	1452.06	2.20%

FL ELEVATION DATA TABLE

STATION	LINE	OFFSET	Lt/Rt	ELEVATION	FL SLOPE
34+40.00	"C"	33.38	Lt	1453.72	
34+50.00	"C"	33.38	Lt	1453.81	0.90%
34+60.00	"C"	33.38	Lt	1453.89	0.80%

SCALE : 1" = 20'

REVISIONS				
NO.	DESCRIPTION	BY	DATE	



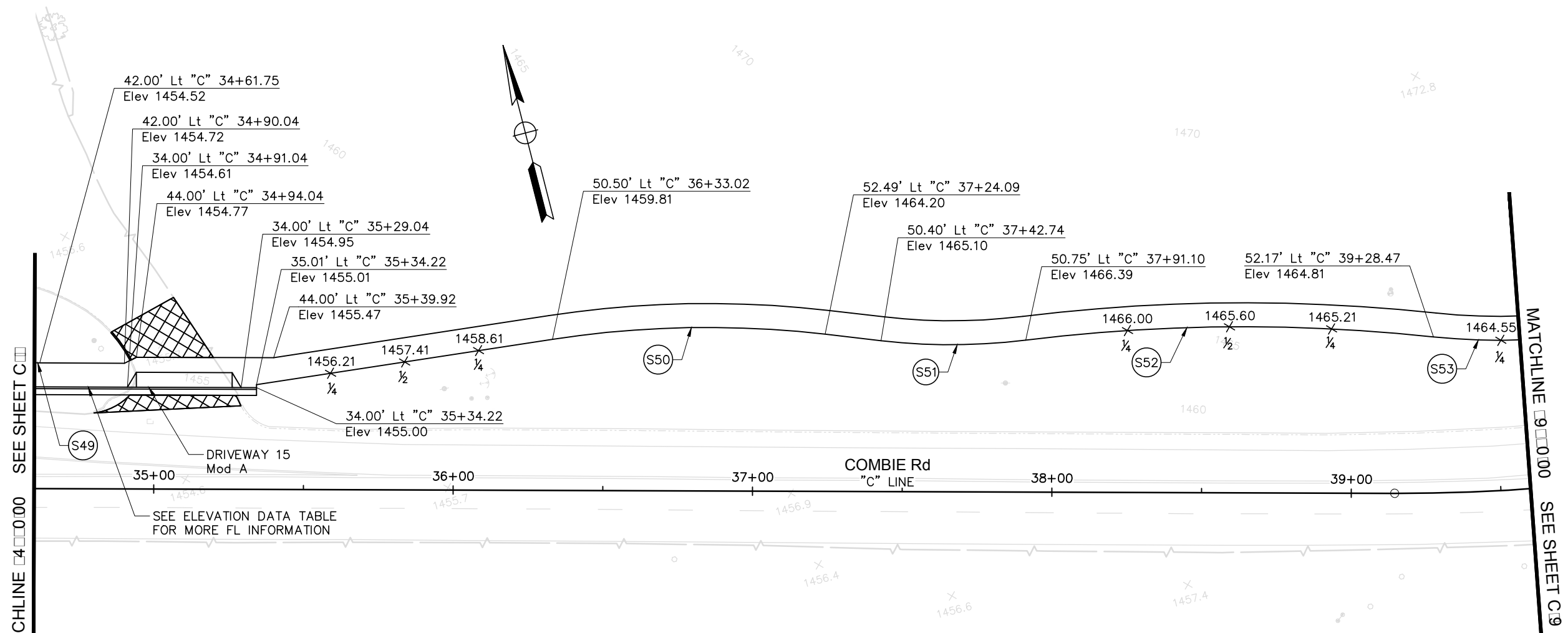
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rq007.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
C-7
21 OF 102 SHEETS



MATCHLINE 4+00.00 SEE SHEET C08

MATCHLINE 9+00.00 SEE SHEET C09

SEE ELEVATION DATA TABLE FOR MORE FL INFORMATION

FL ELEVATION DATA TABLE

STATION	LINE	OFFSET	Lt/Rt	ELEVATION	FL SLOPE
34+60.00	"C"	33.38	Lt	1453.89	0.80%
34+70.00	"C"	33.38	Lt	1453.97	0.80%
34+80.00	"C"	33.38	Lt	1454.04	0.70%
34+90.00	"C"	33.38	Lt	1454.10	0.60%
35+00.00	"C"	33.38	Lt	1454.16	0.60%
35+10.00	"C"	33.38	Lt	1454.22	0.60%
35+20.00	"C"	33.38	Lt	1454.27	0.50%
35+30.00	"C"	33.38	Lt	1454.39	1.20%

Curve Data				
Curve #	R	Δ	T	L
S49	92.00'	9° 52' 24"	7.95'	15.85'
S50	342.00'	15° 18' 20"	45.95'	91.36'
S51	204.00'	13° 36' 51"	24.35'	48.47'
S52	596.00'	13° 07' 06"	68.53'	136.46'
S53	204.00'	25° 19' 57"	45.85'	90.20'

SCALE : 1" = 20'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



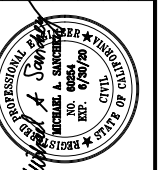
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rq008.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
C-8
22 OF 102 SHEETS

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



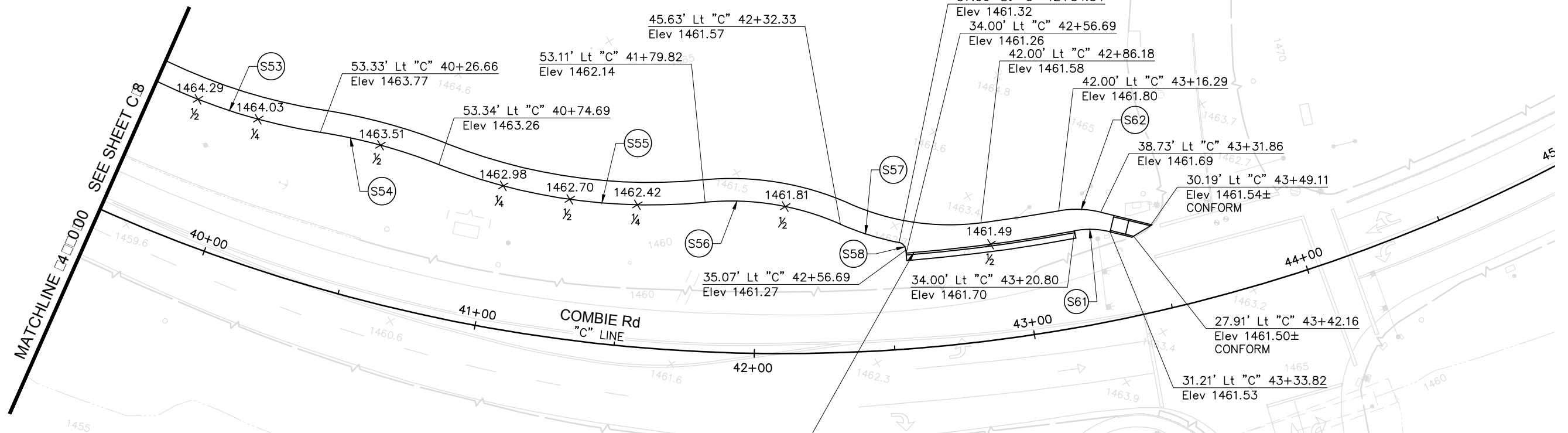
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rq009.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET

C-9

23 OF 102 SHEETS



MATCHLINE [4+00.00] SEE SHEET C-8

Curve Table

Curve #	R	Δ	T	L
S53	204.00'	25° 19' 57"	45.85'	90.20'
S54	196.00'	12° 49' 03"	22.02'	43.85'
S55	204.00'	27° 07' 30"	49.21'	96.58'
S56	96.00'	29° 25' 05"	25.20'	49.29'
S57	96.00'	13° 04' 37"	11.00'	21.91'
S58	3.00'	74° 43' 11"	2.29'	3.91'
S61	30.00'	24° 17' 24"	6.46'	12.72'
S62	36.00'	23° 51' 32"	7.61'	14.99'

SEE ELEVATION DATA TABLE FOR MORE FL INFORMATION

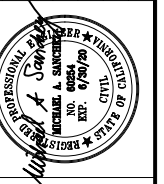
FL ELEVATION DATA TABLE

STATION	LINE	OFFSET	Lt/Rt	ELEVATION	FL SLOPE
42+56.69	"C"	33.38	Lt	1460.77	
42+70.00	"C"	33.38	Lt	1460.82	0.38%
42+80.00	"C"	33.38	Lt	1460.91	0.90%
42+90.00	"C"	33.38	Lt	1461.00	0.90%
43+00.00	"C"	33.38	Lt	1461.08	0.80%
43+10.00	"C"	33.38	Lt	1461.13	0.50%
43+20.00	"C"	33.38	Lt	1461.09	-0.40%

SCALE : 1" = 20'

REVISIONS

NO.	DESCRIPTION	BY	DATE



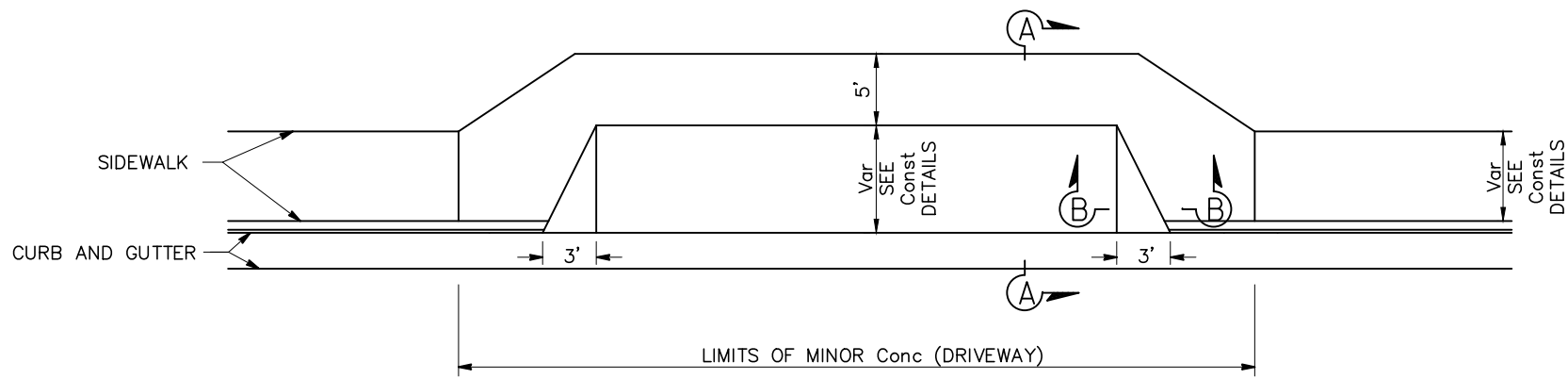
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



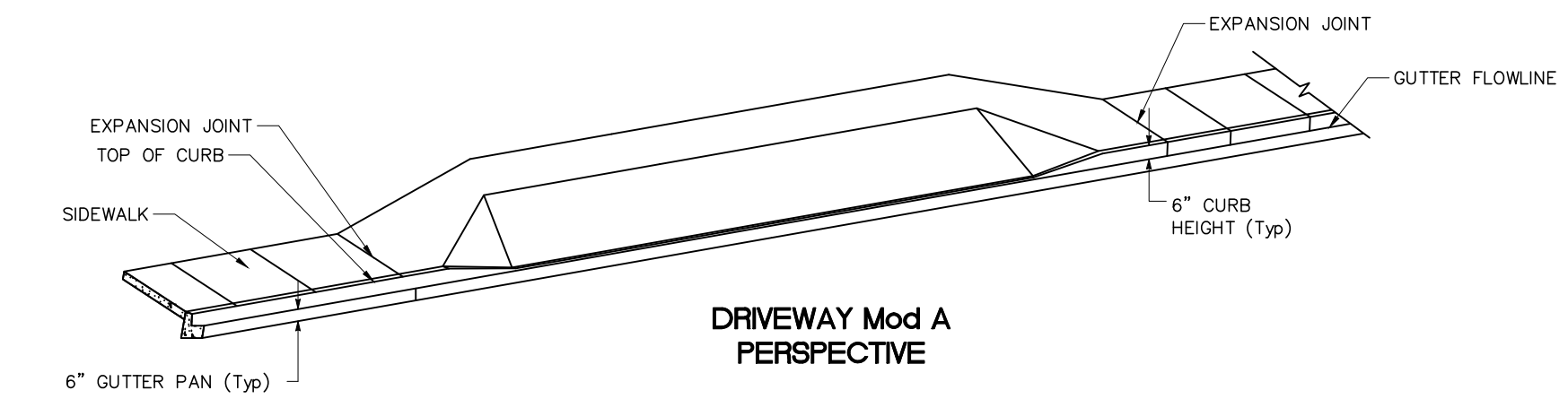
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rqp010.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

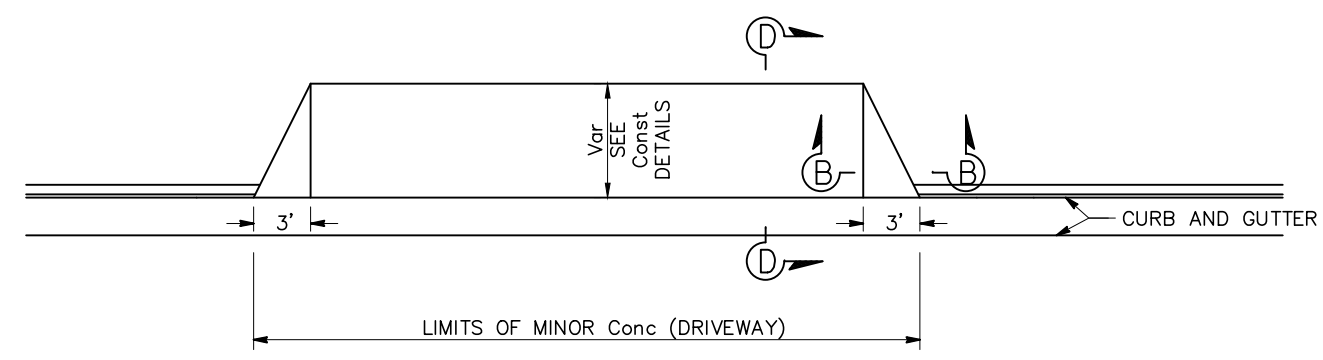
SHEET
C-10
24 OF 102 SHEETS



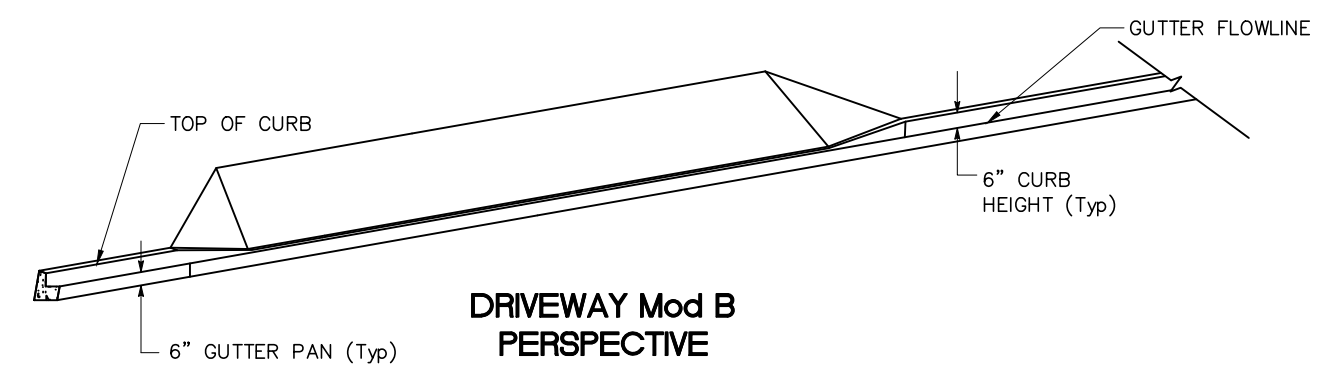
**DRIVEWAY Mod A
PLAN**



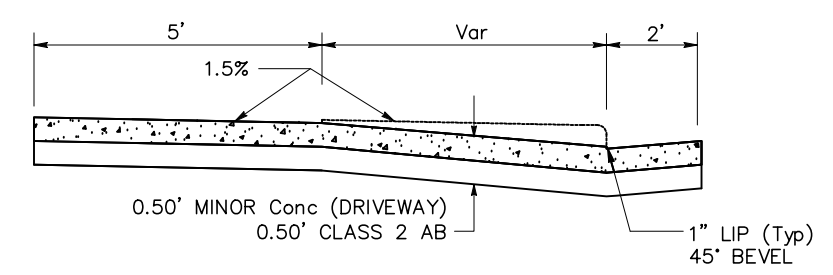
**DRIVEWAY Mod A
PERSPECTIVE**



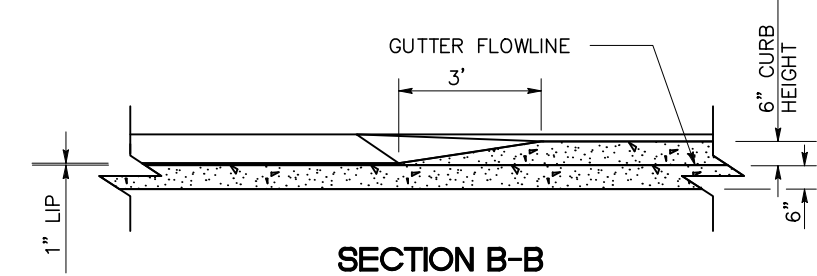
**DRIVEWAY Mod B
PLAN**



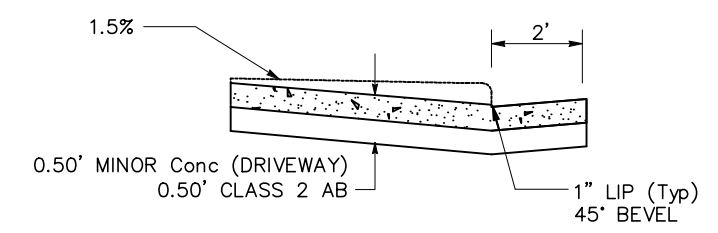
**DRIVEWAY Mod B
PERSPECTIVE**



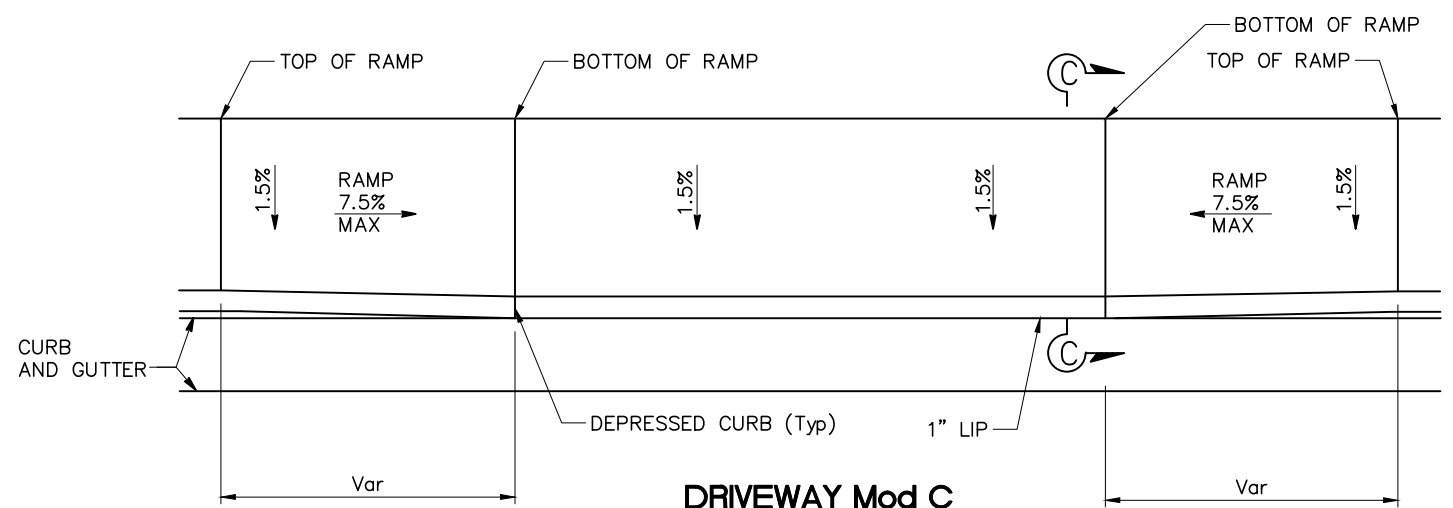
SECTION A-A



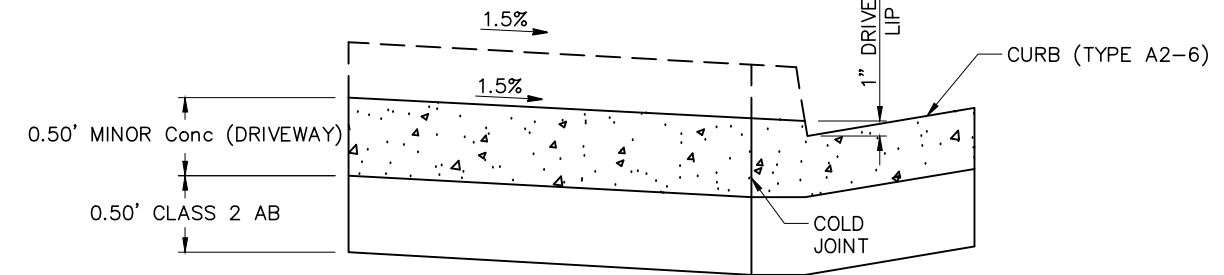
SECTION B-B



SECTION D-D



**DRIVEWAY Mod C
PLAN**

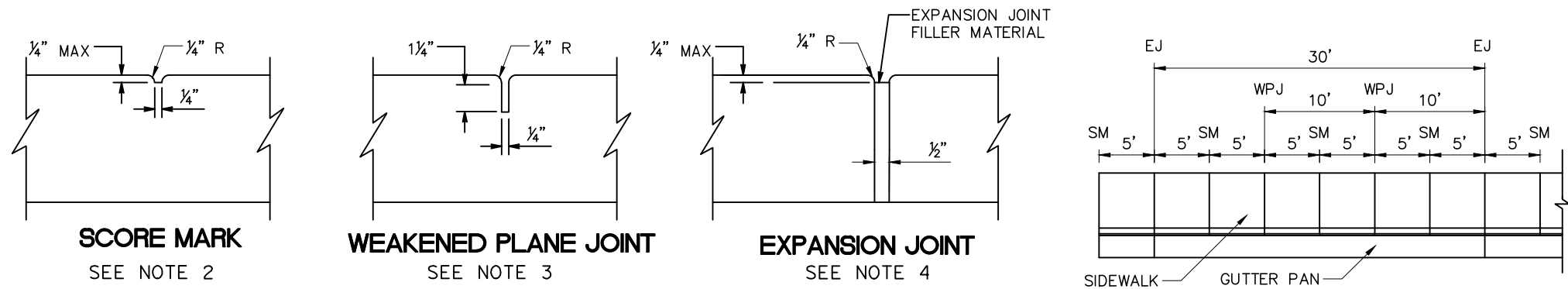


SECTION C-C

NO SCALE

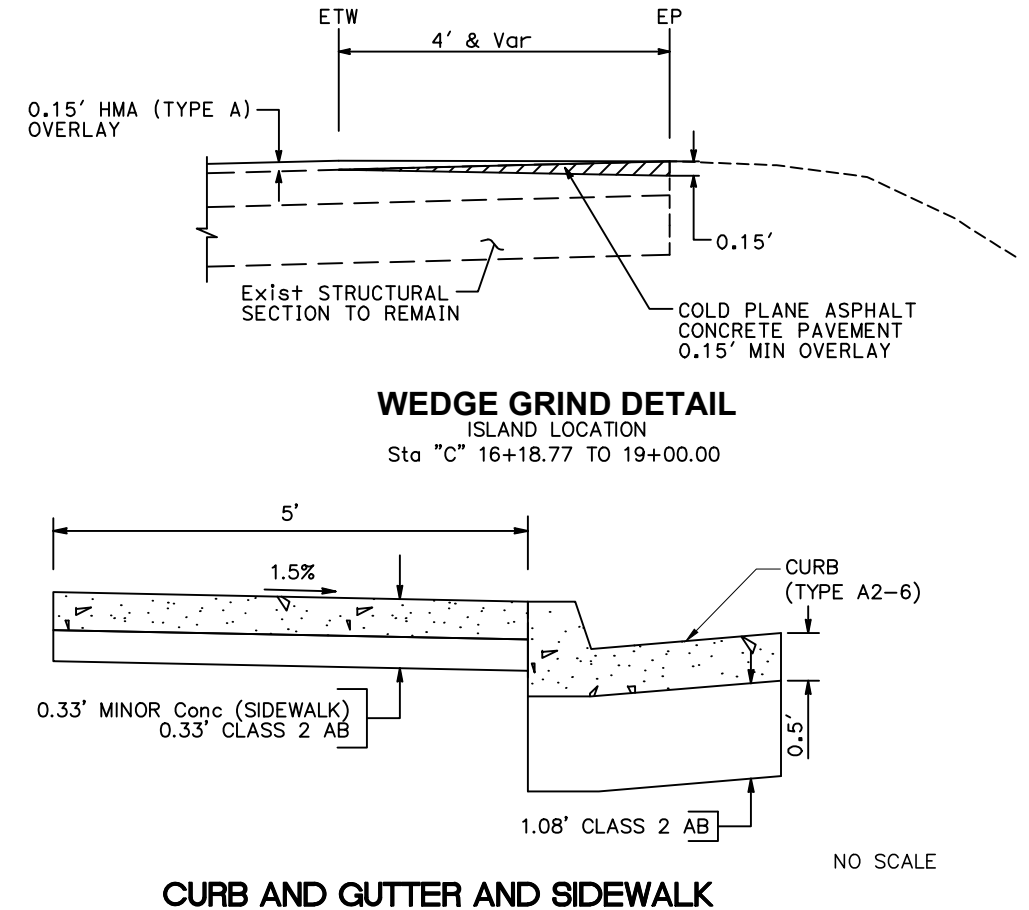
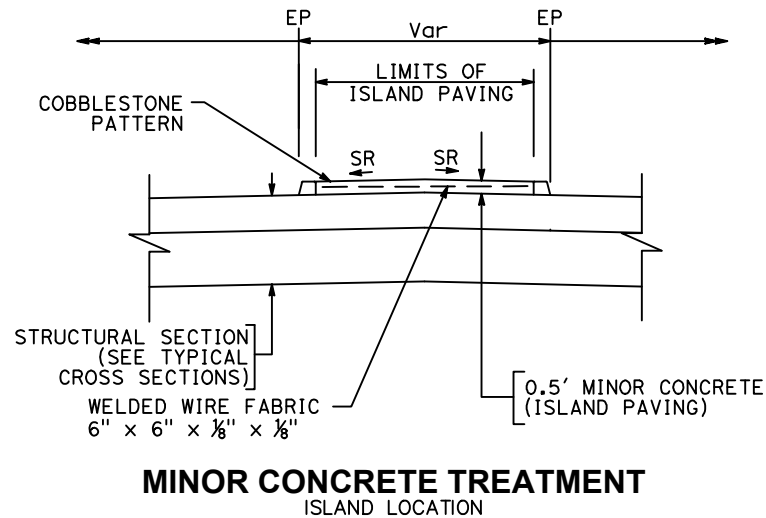
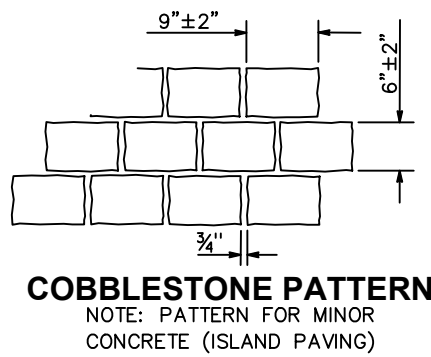
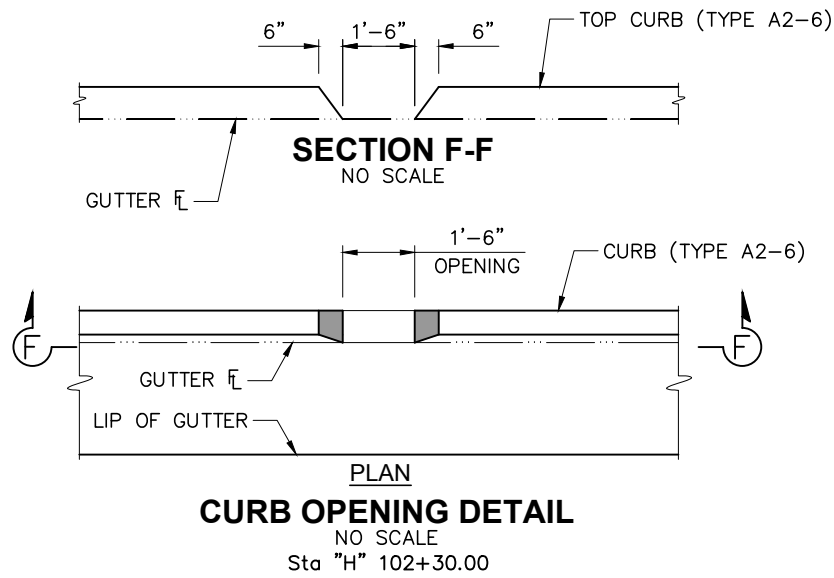
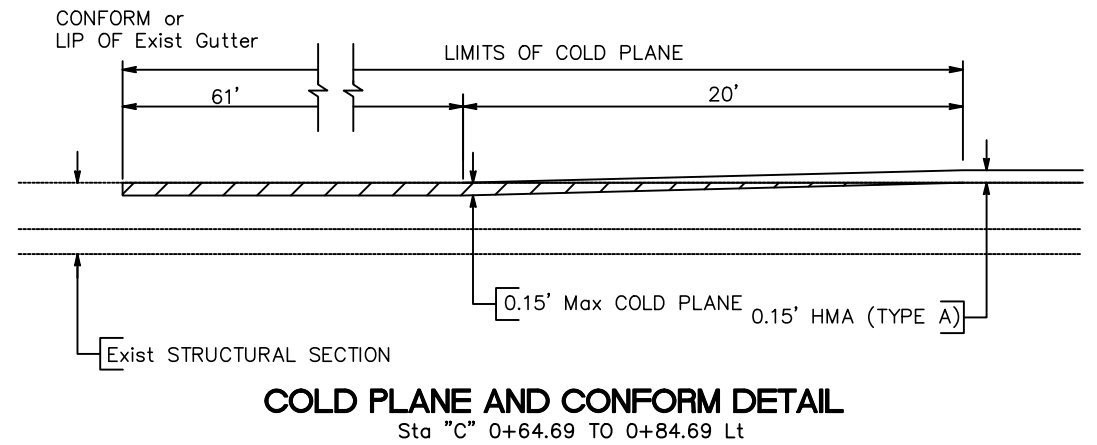
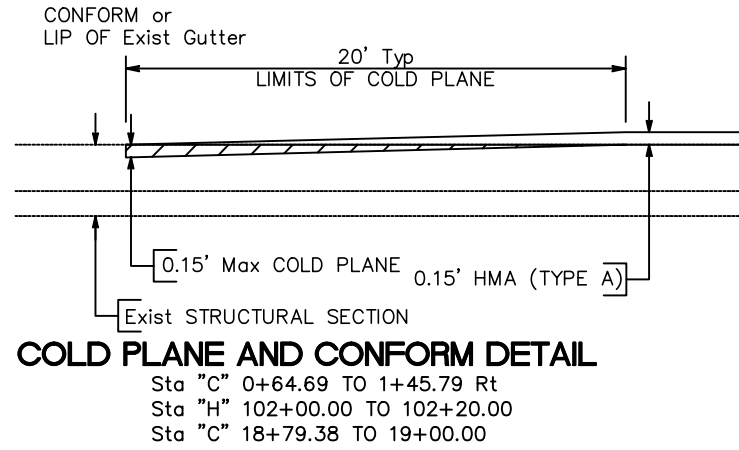
NOTES:

- FOR ADDITIONAL CURB DETAILS SEE STANDARD PLAN A87A.
- SIDEWALKS SHALL BE SCORED AT FIVE-FOOT INTERVALS.
- IN LIEU OF EVERY OTHER SCORE MARK, AT TEN-FOOT INTERVALS, WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED.
- IN LIEU OF EVERY THIRD WEAKENED PLANE JOINT, AT THIRTY-FOOT INTERVALS, EXPANSION JOINTS SHALL BE CONSTRUCTED AS SHOWN.
- ALLOWABLE GRADE AND DIMENSION TOLERANCES FOR CONSTRUCTION OF PEDESTRIAN FACILITIES DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF MEETING THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.



LEGEND:

- SM SCORE MARK
- WPJ WEAKENED PLANE JOINT
- EJ EXPANSION JOINT
- COLD PLANE Exist HMA

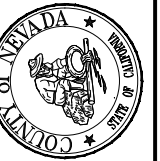


REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



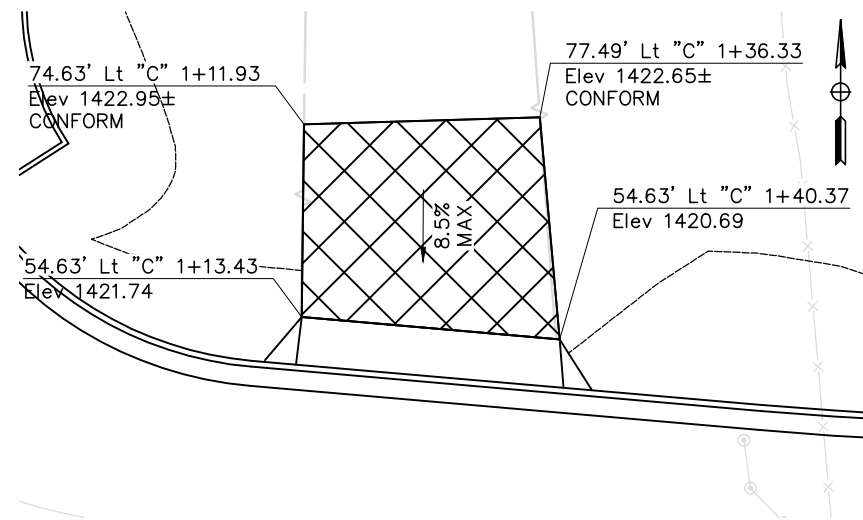
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rq011.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

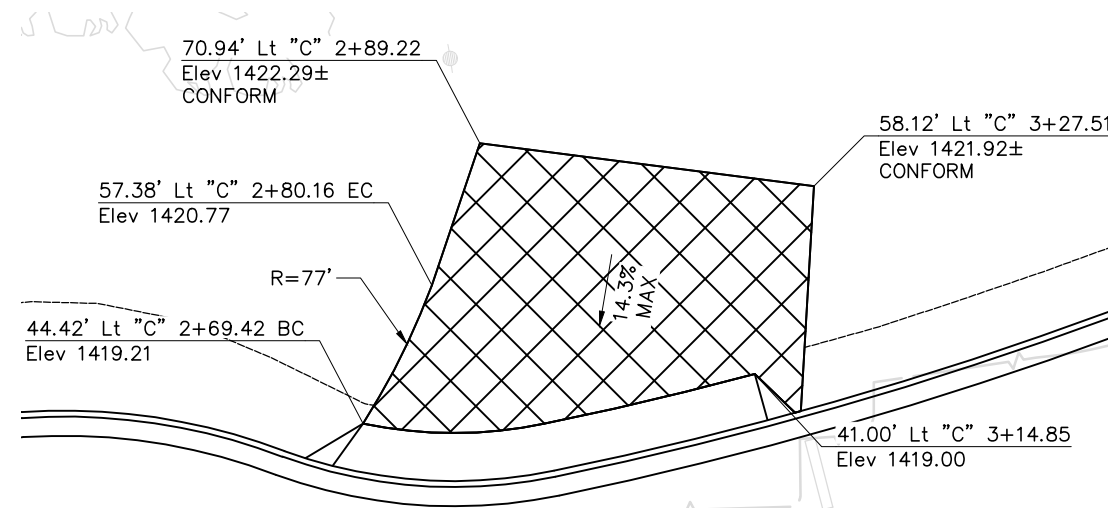
SHEET
C-11
25 OF 102 SHEETS

NOTES:

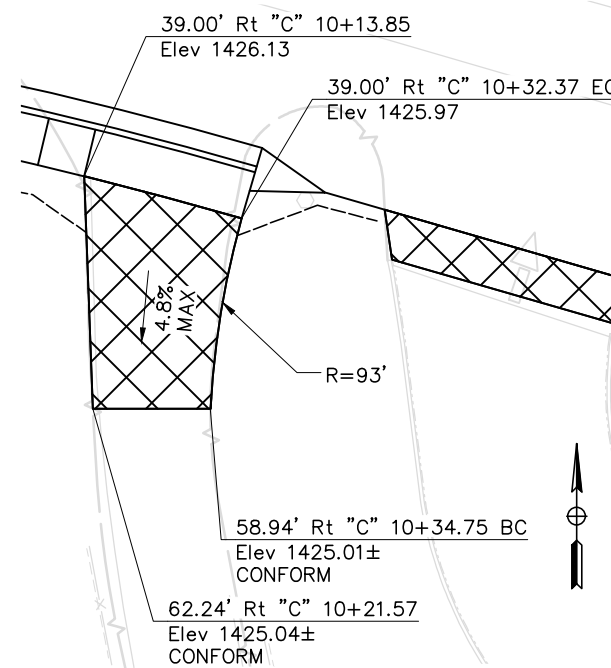
1. CURB (MATCH Exist) TO MATCH STYLE OF ATTACHED Exist CURB FOR ENTIRE LENGTH.



DRIVEWAY 1
"C" Sta 1+20.00



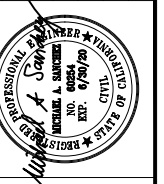
DRIVEWAY 2
"C" Sta 3+00.00



DRIVEWAY 3
"C" Sta 10+20.00

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rqp012.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

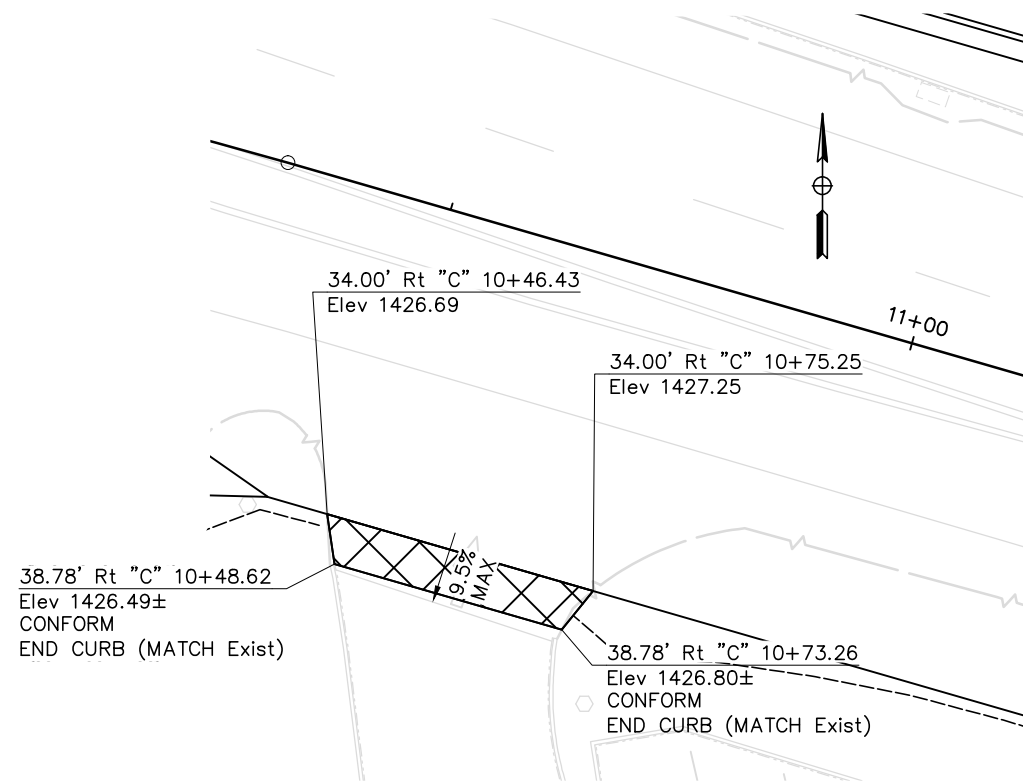
SHEET

C-12
26 OF 102 SHEETS

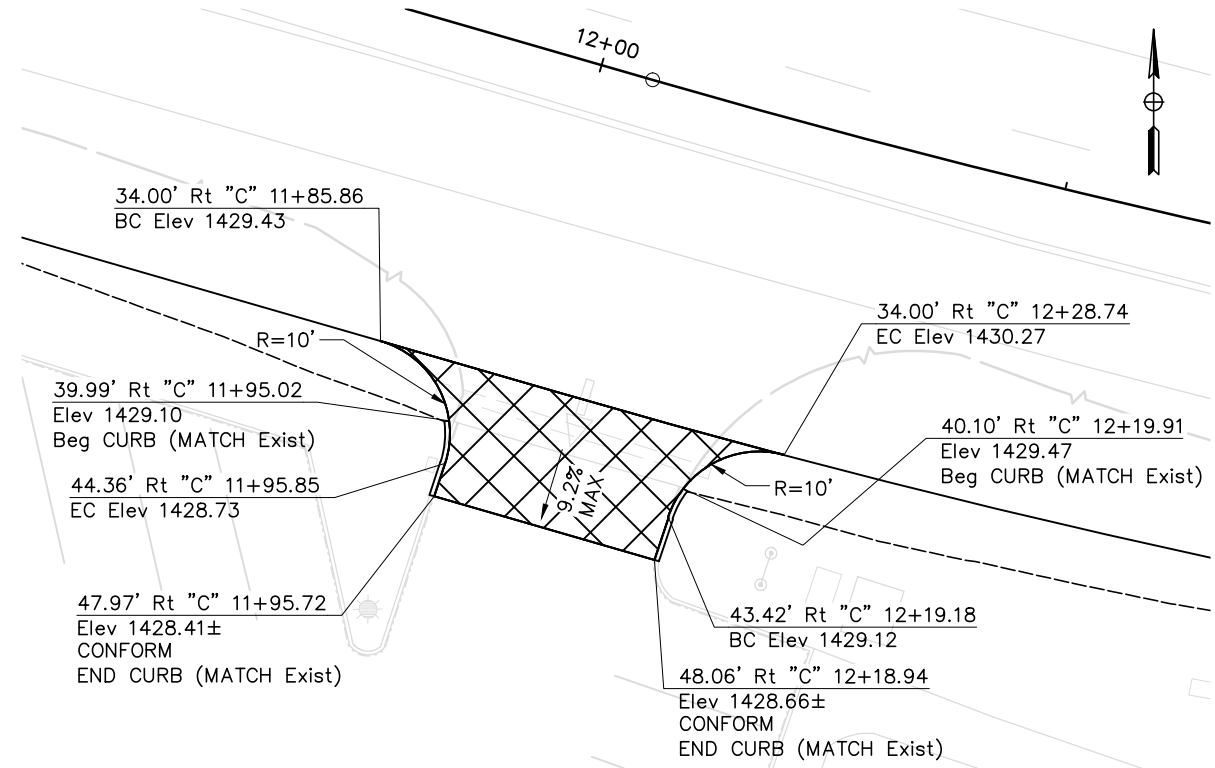
SCALE : 1" = 10'

NOTES:

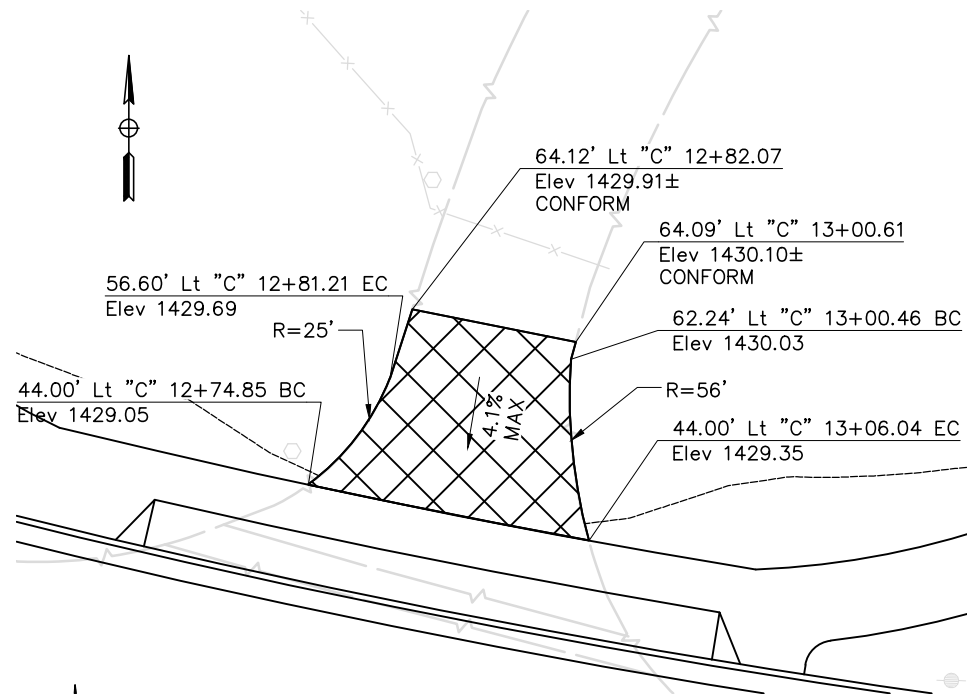
1. CURB (MATCH Exist) TO MATCH STYLE OF ATTACHED Exist CURB FOR ENTIRE LENGTH.



DRIVEWAY 4
"C" Sta 10+60.00



DRIVEWAY 5
"C" Sta 12+00.00

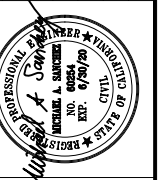


DRIVEWAY 6
"C" Sta 12+90.00

SCALE : 1" = 10'

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

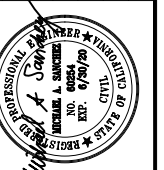
DRAWING: N09-300rqp013.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET

C-13
27 of 102 SHEETS

REVISIONS

NO.	DESCRIPTION	BY	DATE



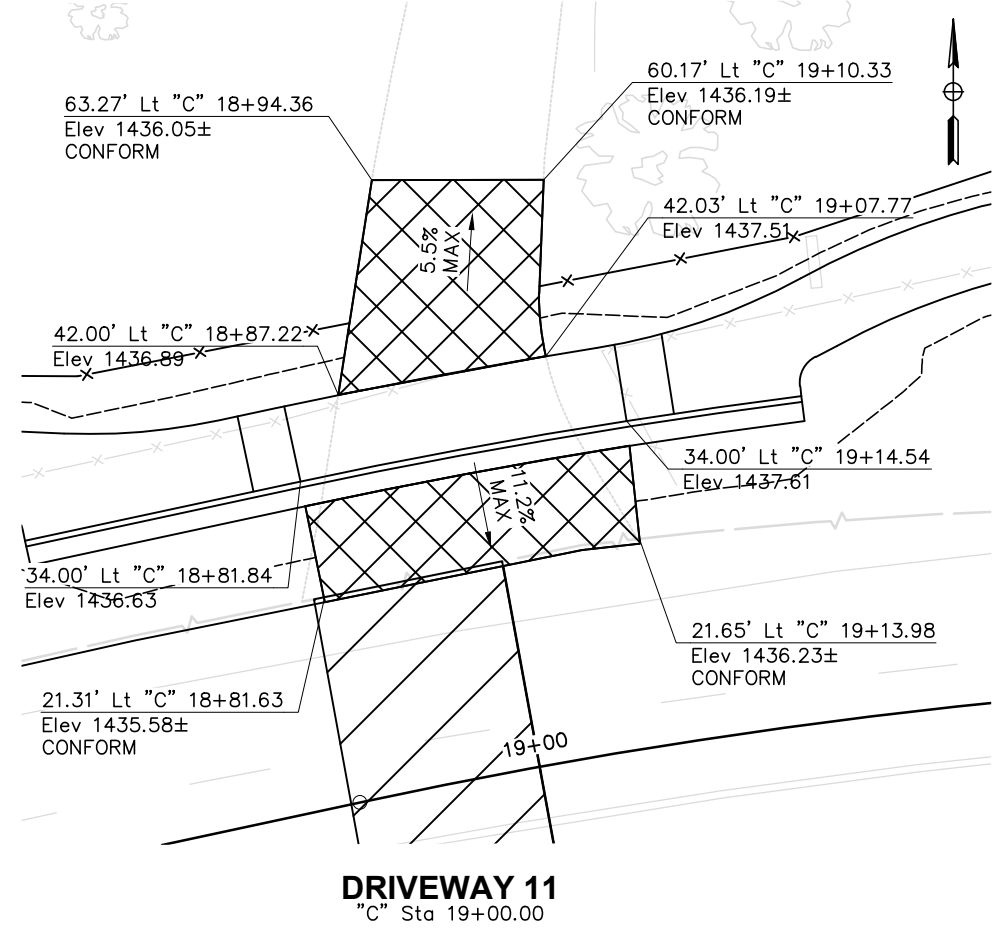
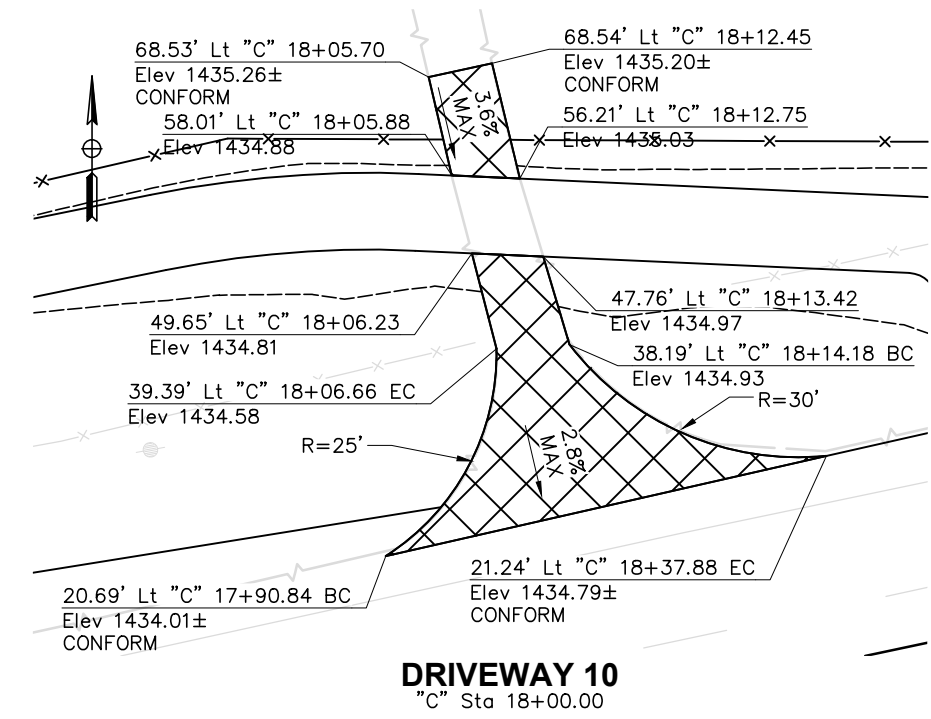
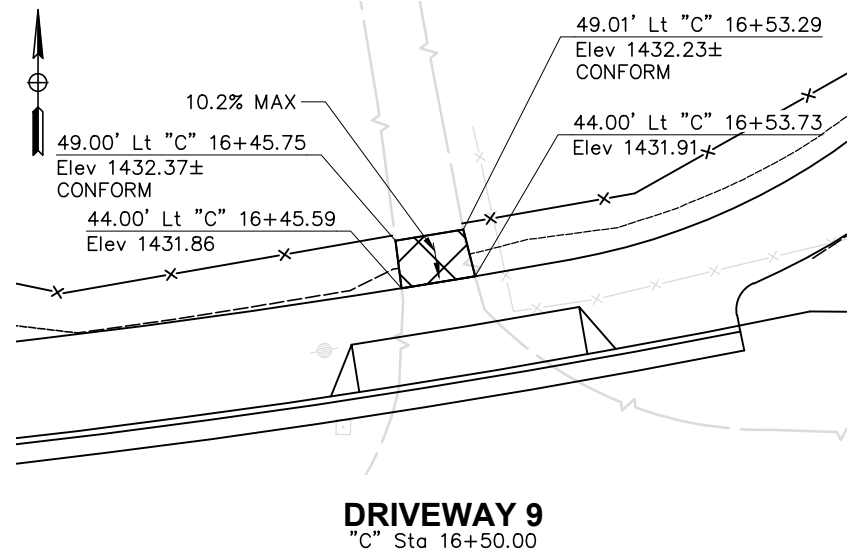
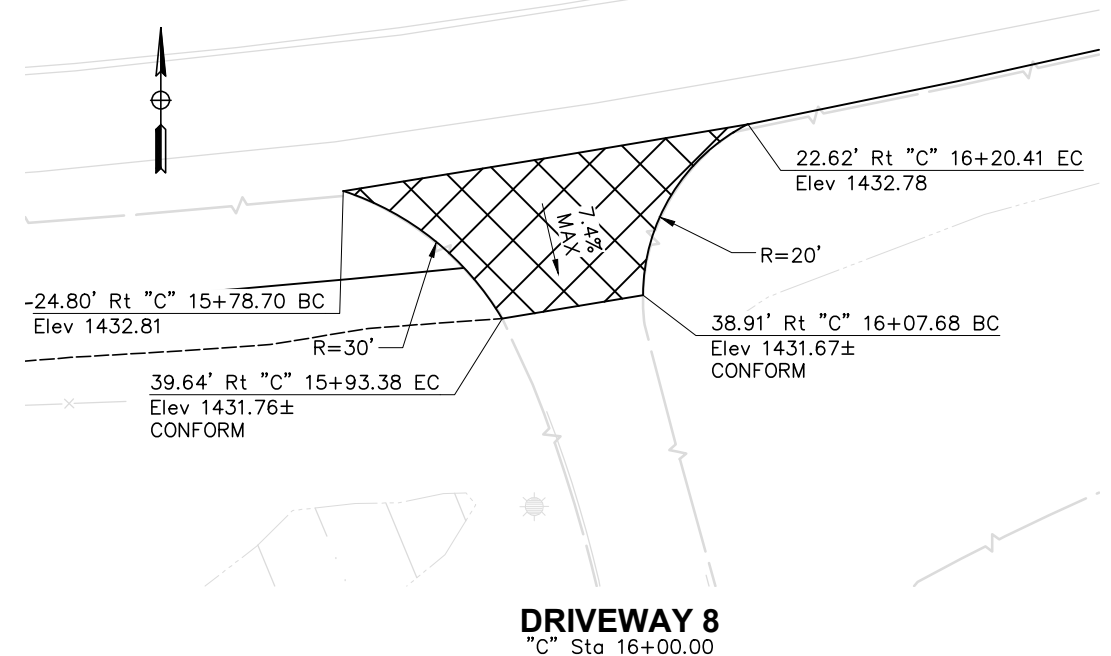
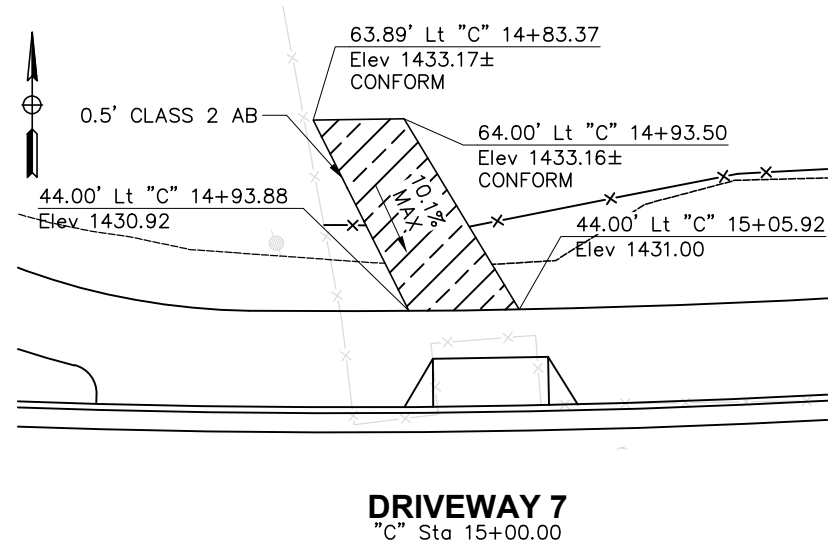
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rqp014.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
C-14
28 OF 102 SHEETS



SCALE : 1" = 10'

REVISIONS

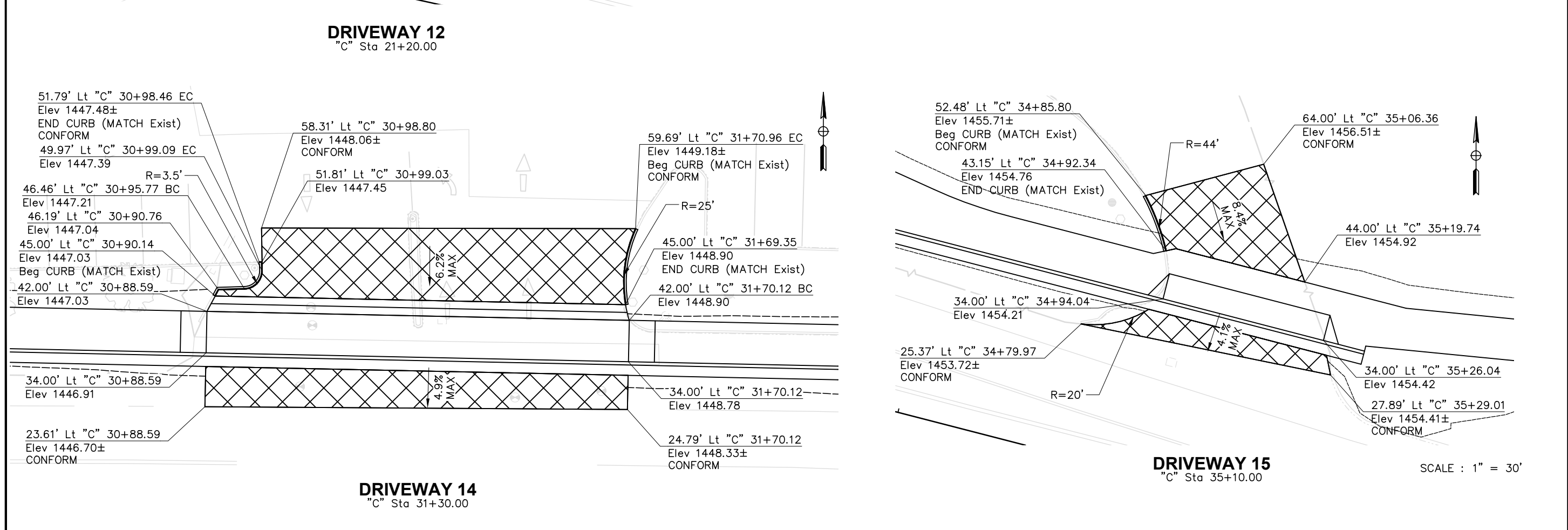
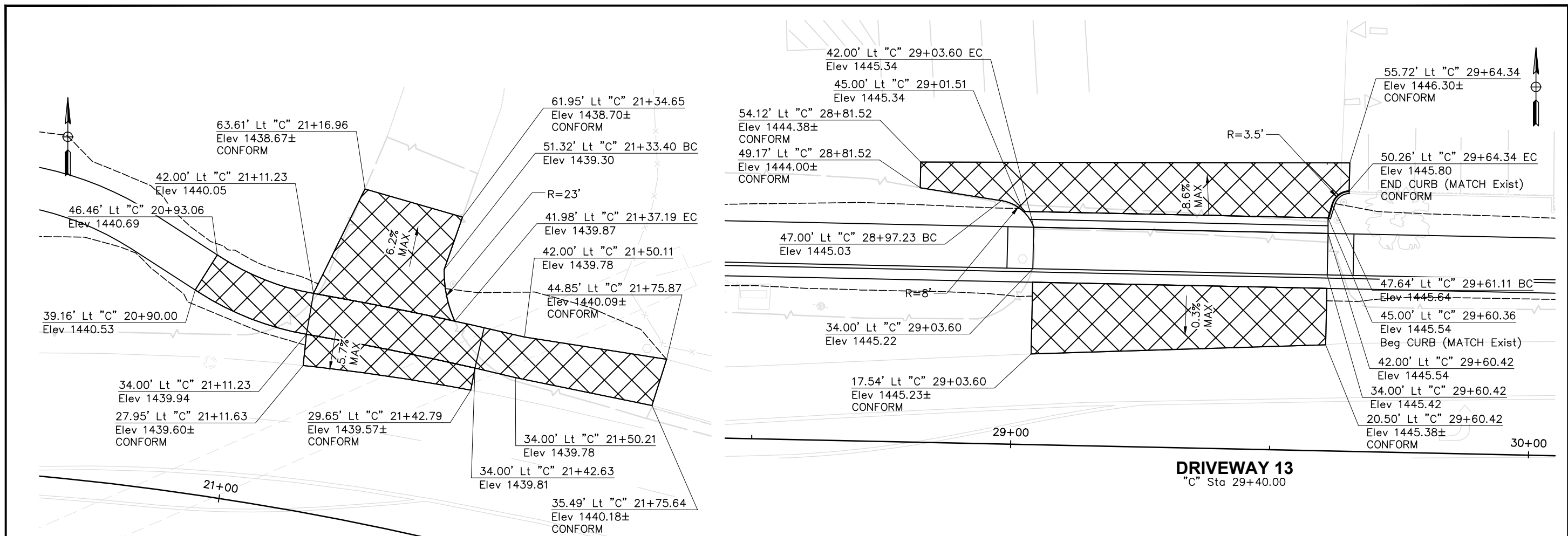
NO.	DESCRIPTION	BY	DATE

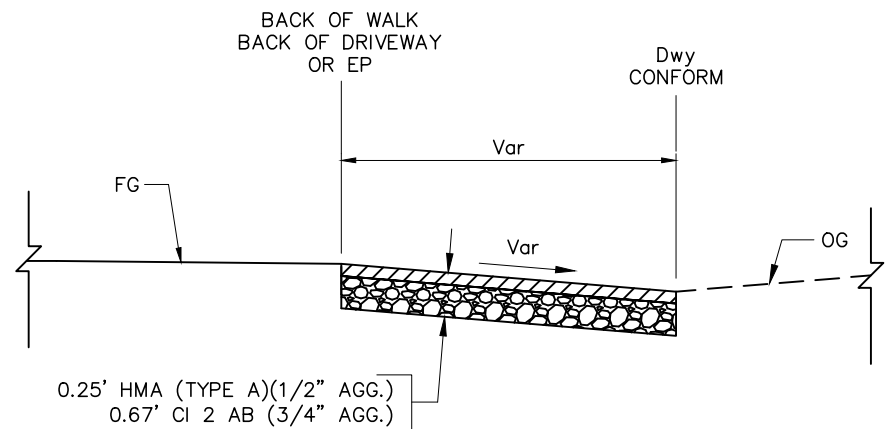


NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION

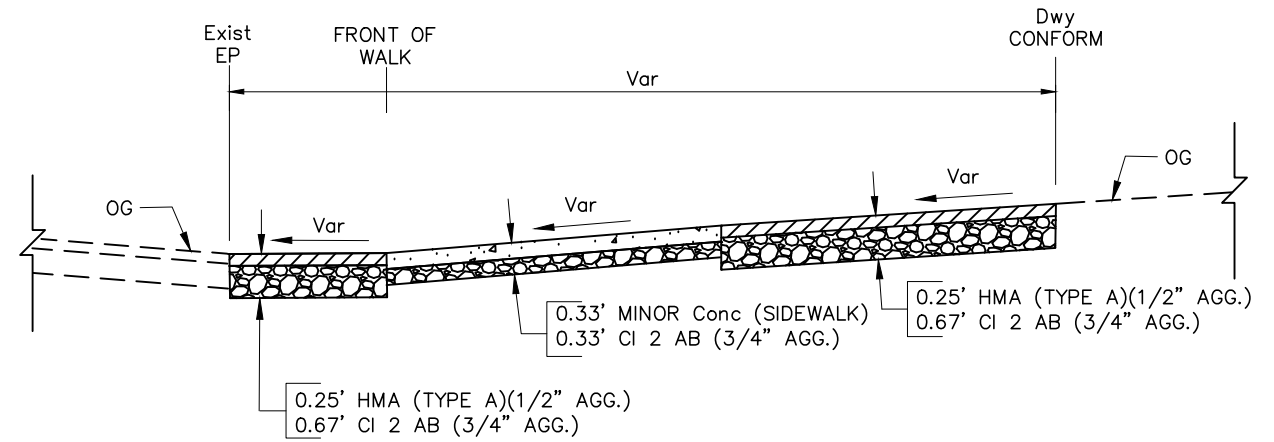
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rpt015.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019
 SHEET
C-15
 29 OF 102 SHEETS

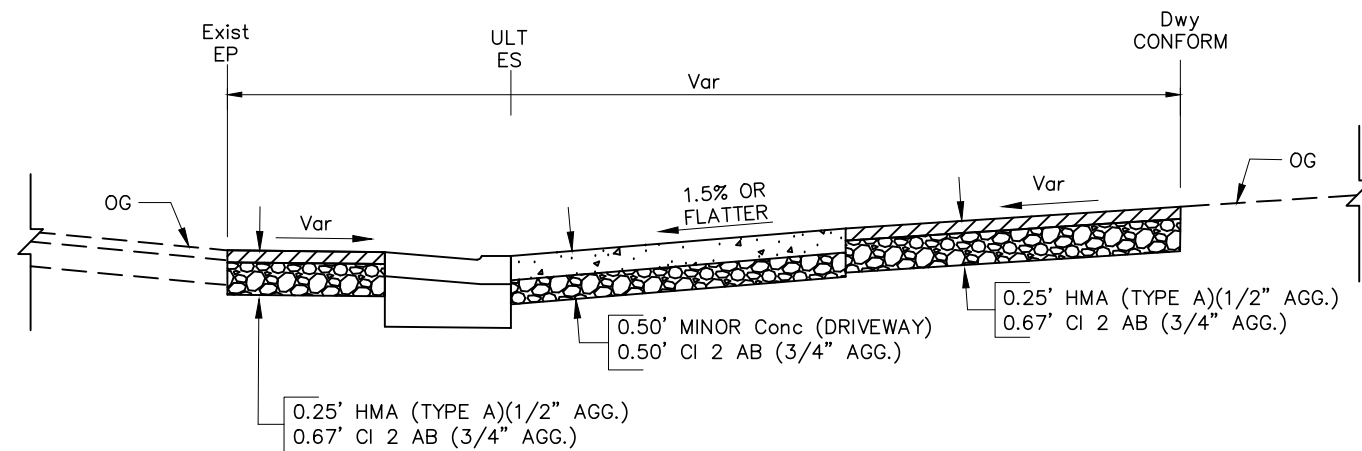




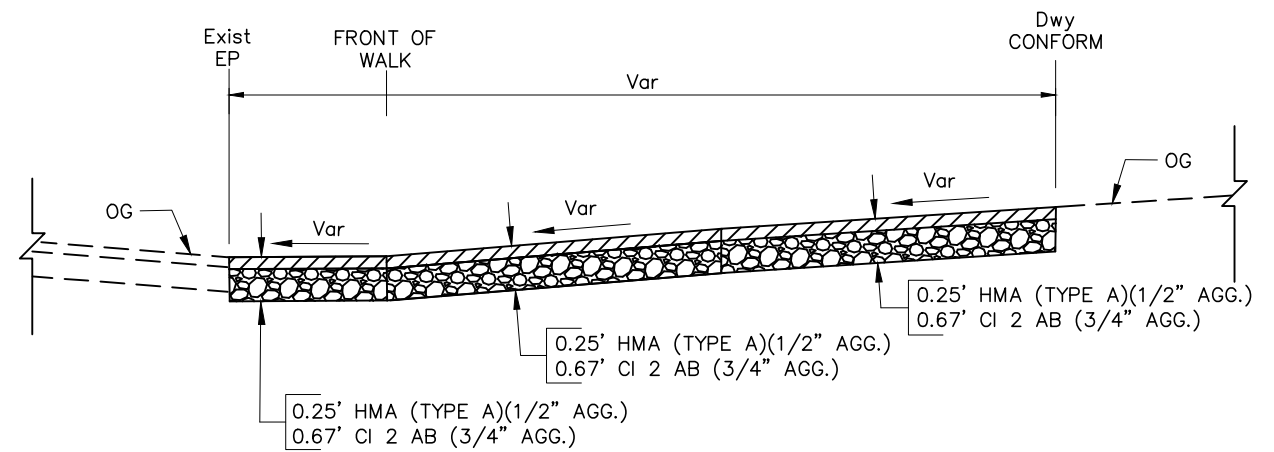
DRIVEWAY No. 1, 2, 3, 4, 5, 6, 8, 9
DRIVEWAY CONFORM DETAIL
 No Scale



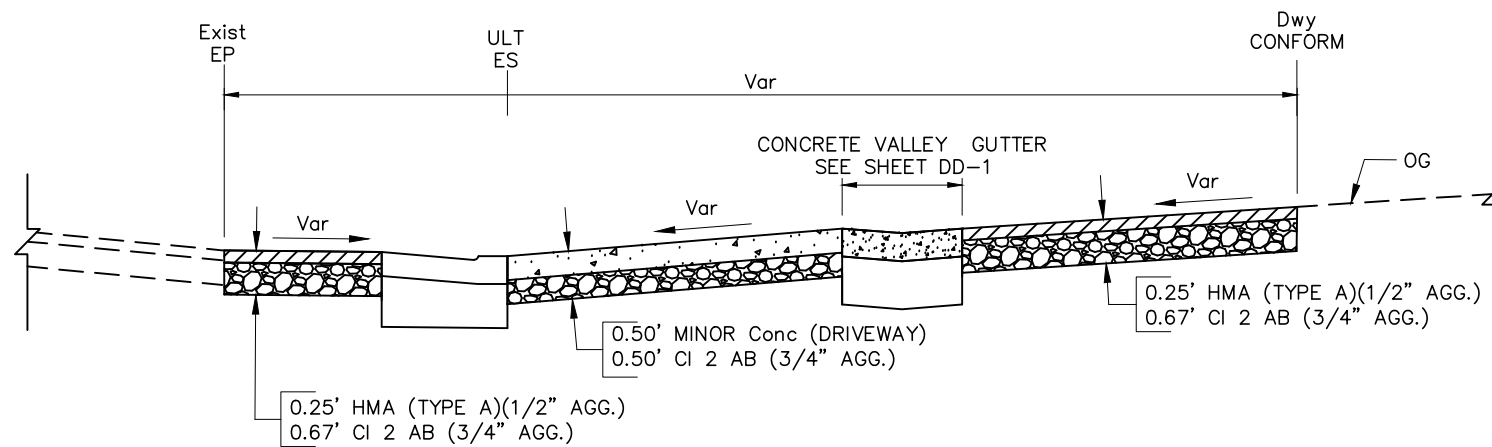
DRIVEWAY No. 10
DRIVEWAY CONFORM DETAIL
 No Scale



DRIVEWAY No. 11, 15
DRIVEWAY CONFORM DETAIL
 No Scale



DRIVEWAY No. 12
DRIVEWAY CONFORM DETAIL
 No Scale



DRIVEWAY No. 13 & 14
DRIVEWAY CONFORM DETAIL
 No Scale

SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 CONSTRUCTION DETAILS

DRAWING: N09-300rqp016.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET


C-16

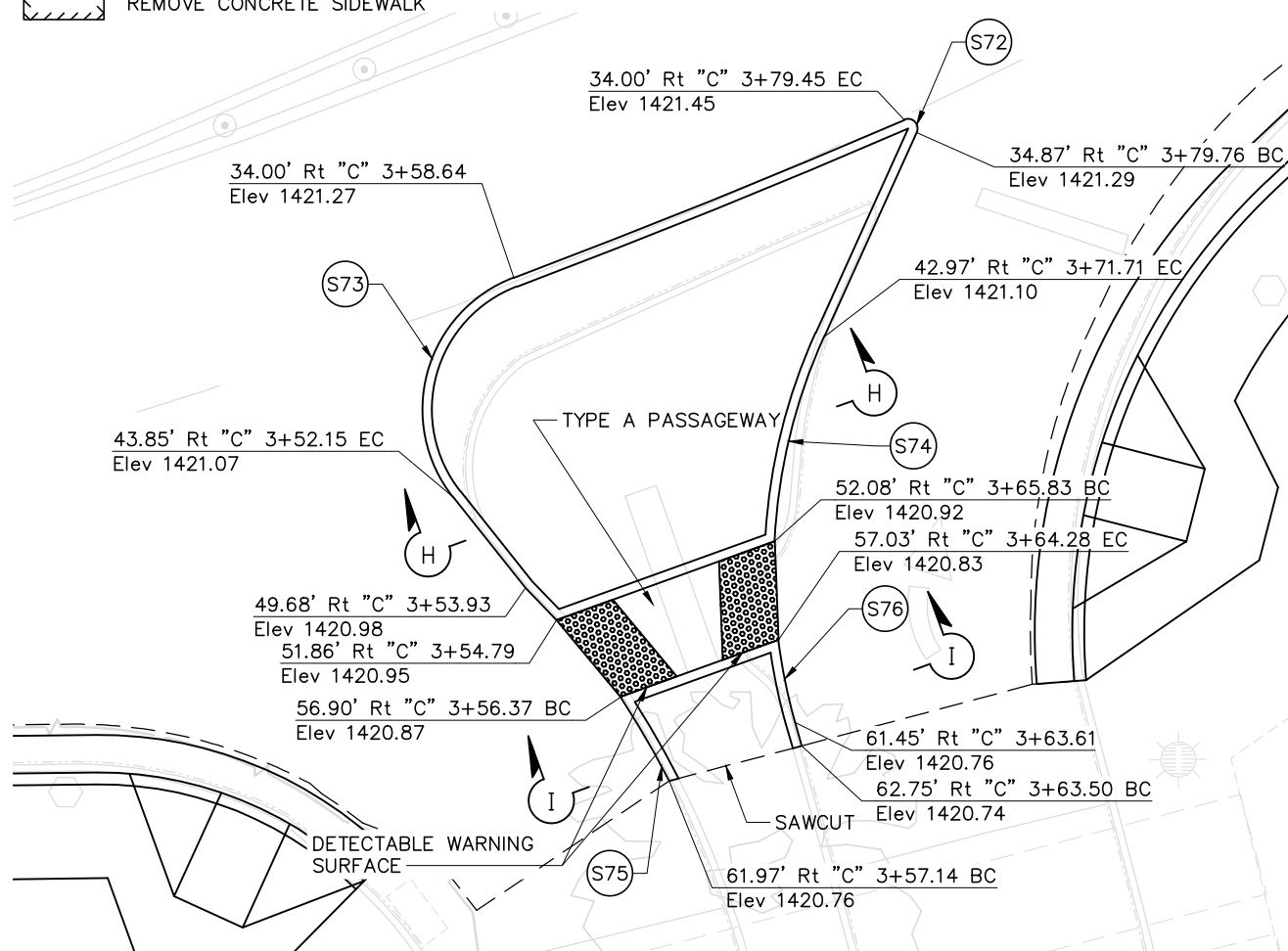
30 OF 102 SHEETS

NOTES:

- ELEVATIONS ARE GIVEN TO FLOWLINE, EDGE OF PAVEMENT, OR ALIGNMENT.
- FOR DETAILS NOT SHOWN SEE REVISED Std PLANS A88A.

LEGEND:

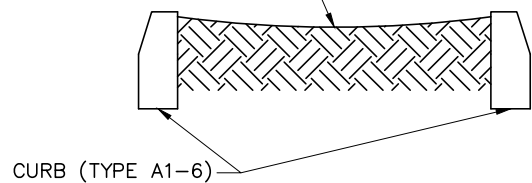
 REMOVE CONCRETE SIDEWALK



HIGGINS MARKETPLACE ENTRANCE

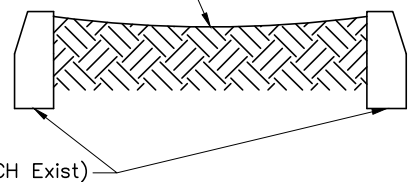
1" = 5'

GRADE FINISH SURFACE OF PORK CHOP ISLAND FOR 0.2 FEET DROP FROM BACK OF CURB TO CENTER OF ISLAND



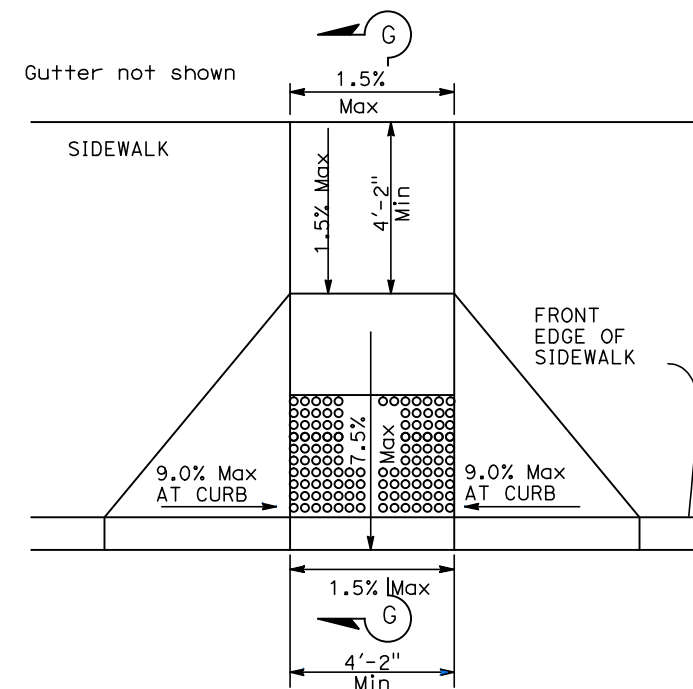
SECTION H-H

GRADE FINISH SURFACE OF PORK CHOP ISLAND FOR 0.2 FEET DROP FROM BACK OF CURB TO CENTER OF ISLAND



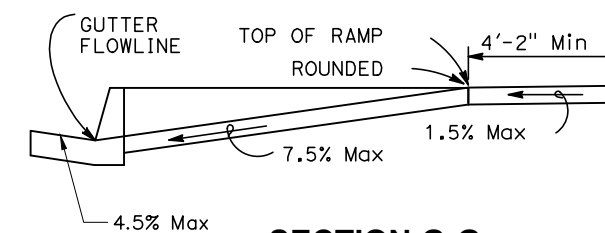
SECTION I-I

Curve #	R	Δ	T	L
S72	0.50'	137° 43' 41"	1.29'	1.20'
S73	7.50'	107° 52' 38"	10.30'	14.12'
S74	30.00'	21° 31' 22"	5.70'	11.27'
S75	50.75'	5° 50' 24"	2.59'	5.17'
S76	30.00'	8° 34' 09"	2.25'	4.49'

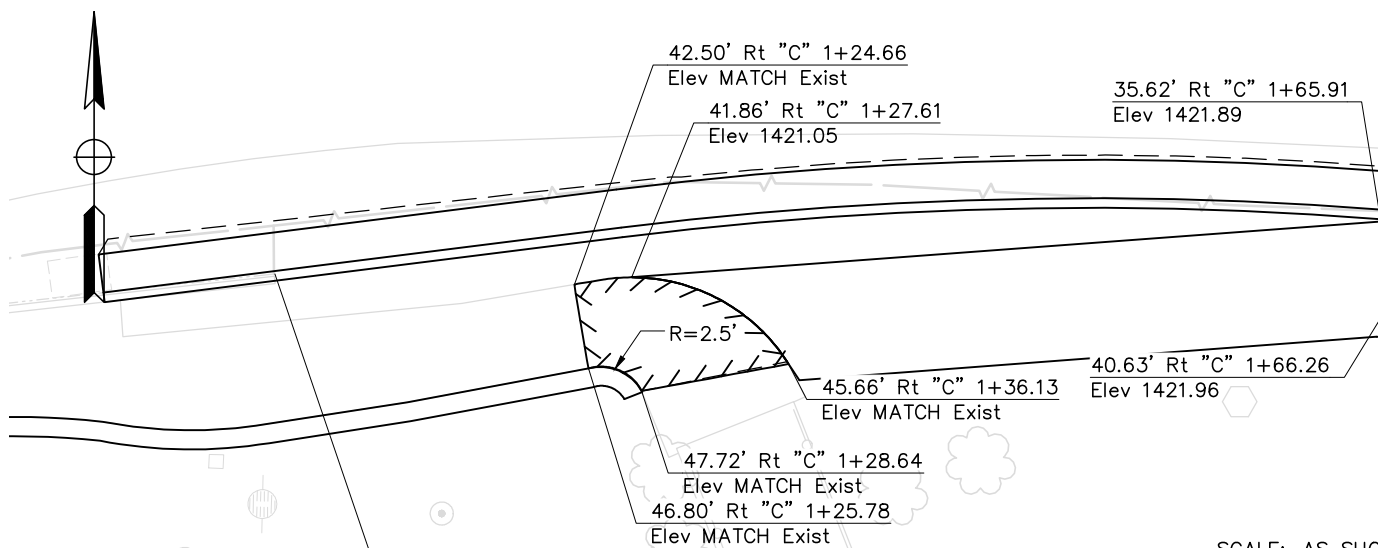


CURB RAMP TYPE A

NO SCALE
SEE NOTE 2



SECTION G-G



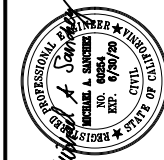
SIDEWALK AT CONFORM

1" = 5'

SCALE: AS SHOWN

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rq017.dwg

DESIGNED: MAS

DRAWN: BG

CHECKED: JPJ

JOB NO: N09-300

DATE: Feb 20, 2019

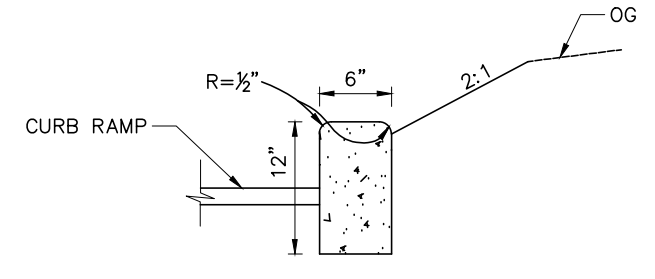
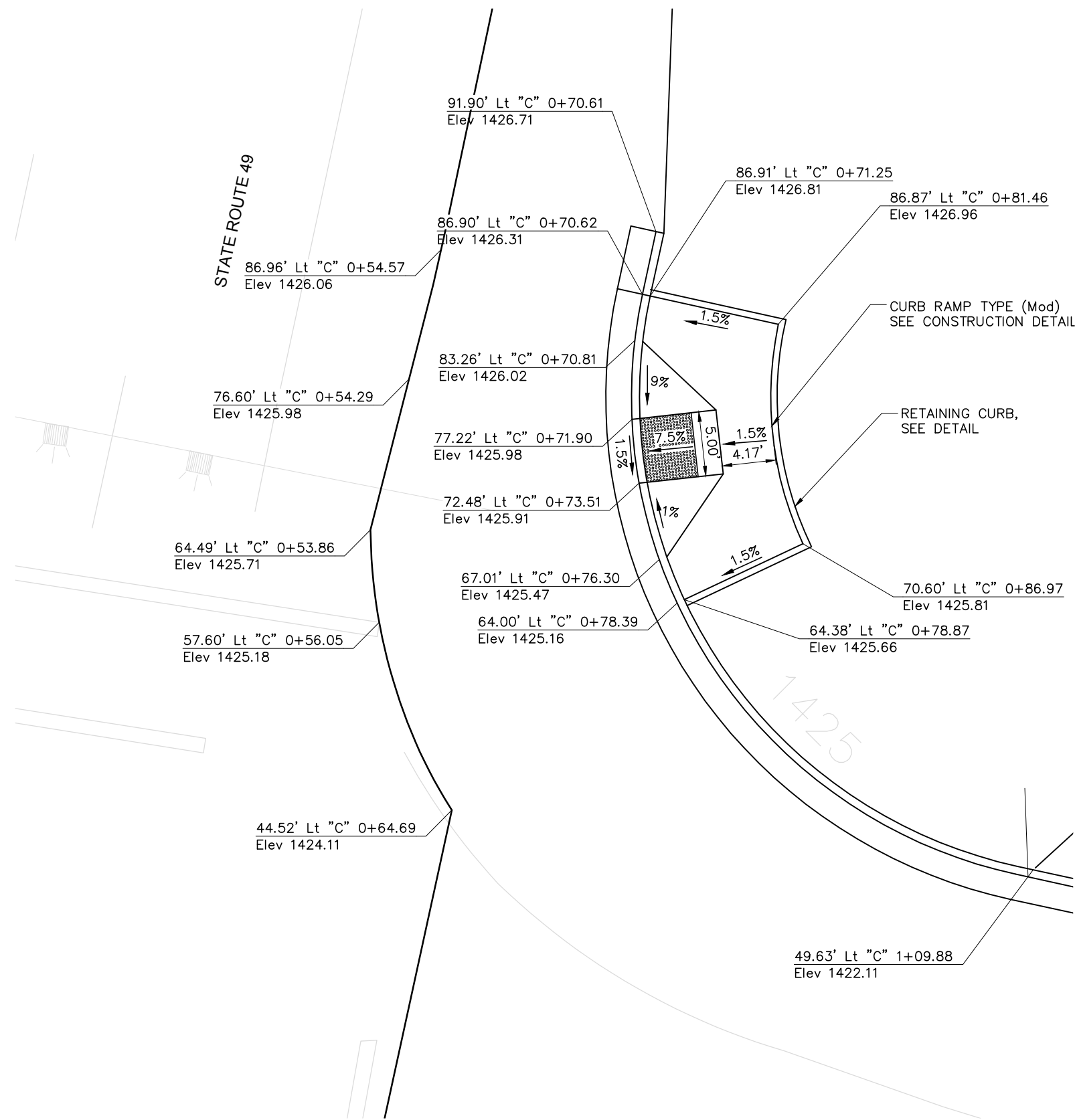
SHEET

C-17

31 OF 102 SHEETS

NOTES:

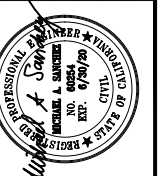
- ELEVATIONS ARE GIVEN TO FLOWLINE, EDGE OF PAVEMENT, OR ALIGNMENT.



RETAINING CURB
NO SCALE

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION DETAILS

DRAWING: N09-300rp001 NEM.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Feb 15, 2019

SHEET

C-18



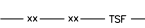
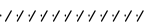
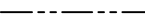

32 OF 102 SHEETS

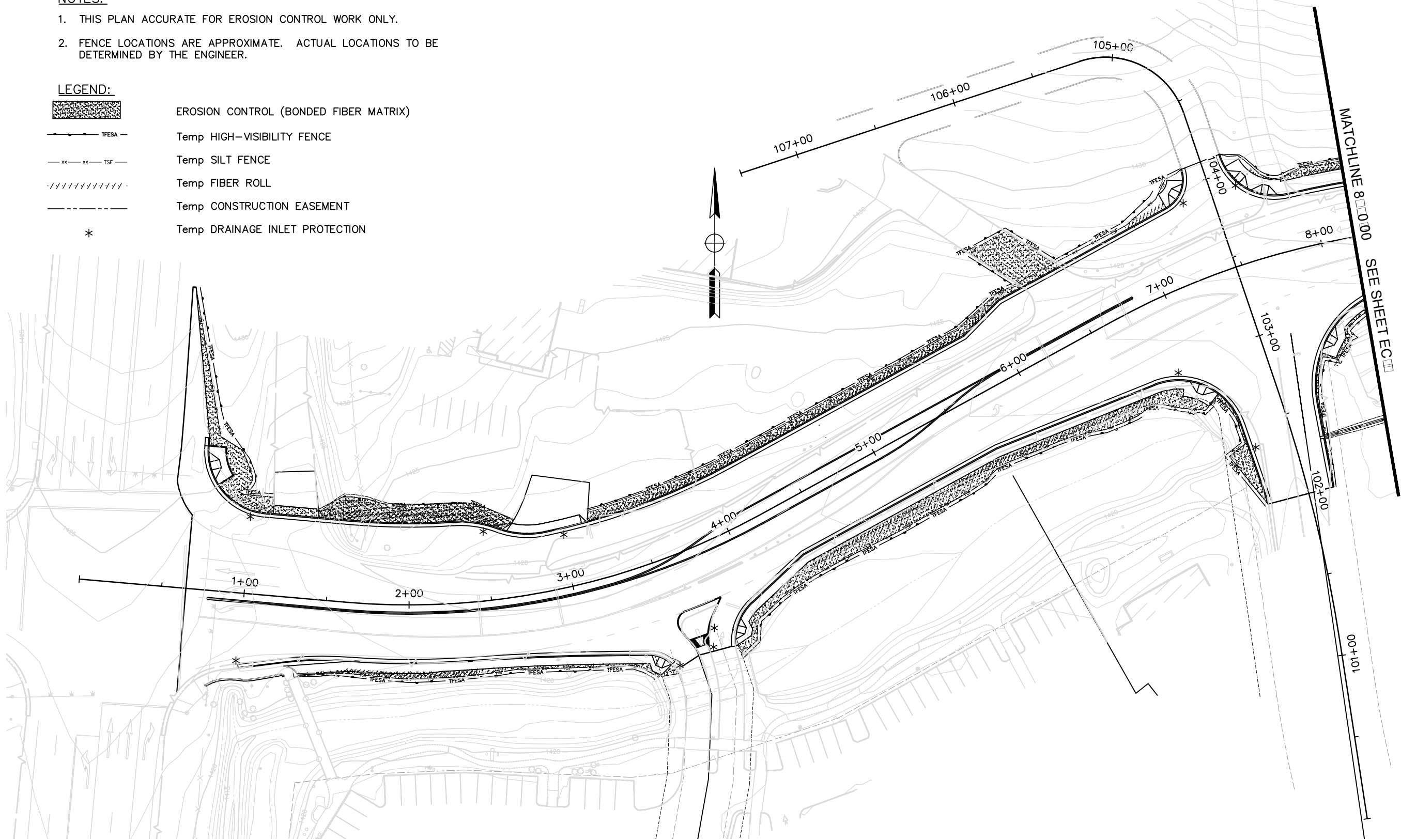
SCALE 1"=5'

NOTES:

1. THIS PLAN ACCURATE FOR EROSION CONTROL WORK ONLY.
2. FENCE LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS TO BE DETERMINED BY THE ENGINEER.

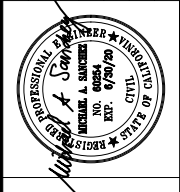
LEGEND:

-  EROSION CONTROL (BONDED FIBER MATRIX)
-  Temp HIGH-VISIBILITY FENCE
-  Temp SILT FENCE
-  Temp FIBER ROLL
-  Temp CONSTRUCTION EASEMENT
-  Temp DRAINAGE INLET PROTECTION



SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



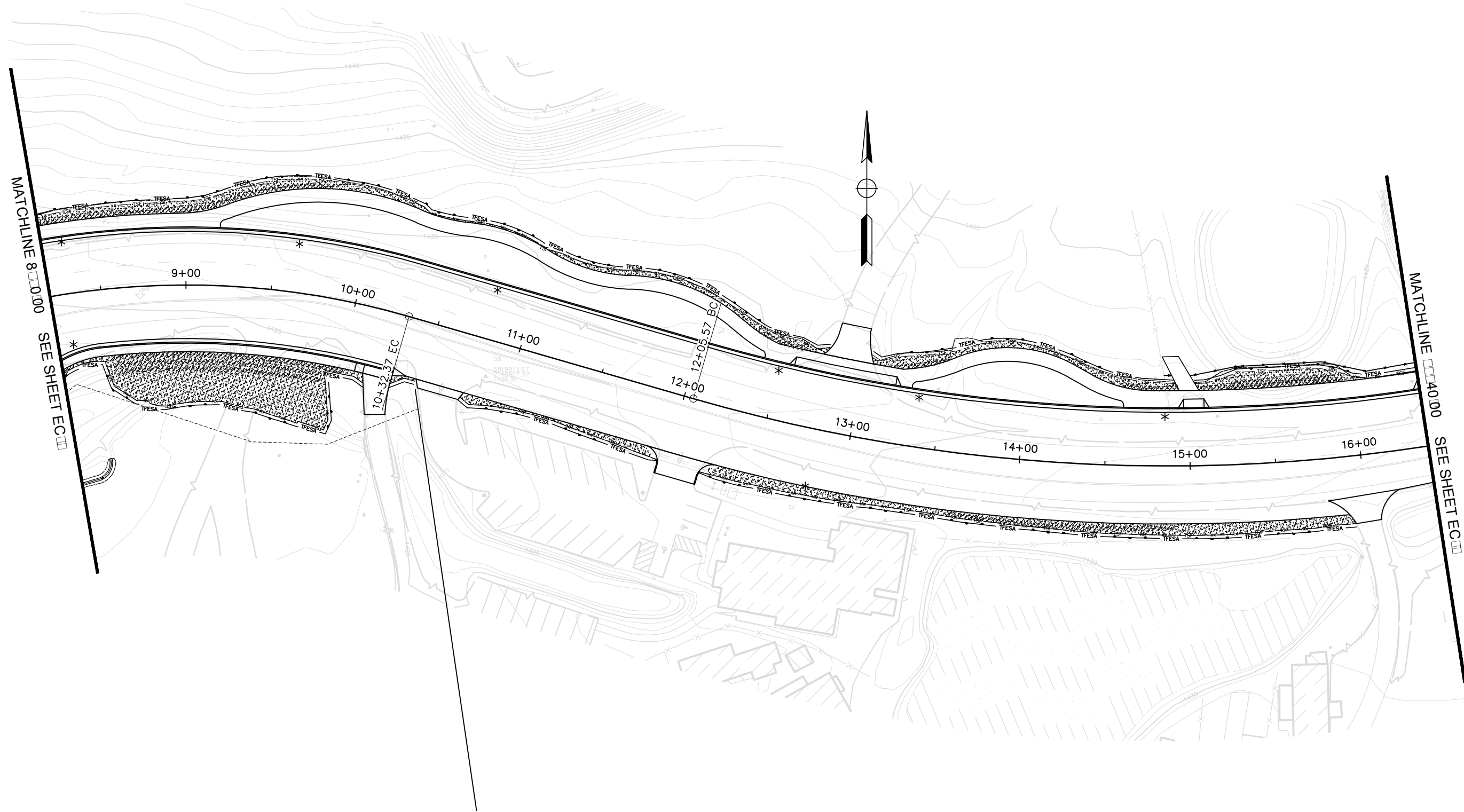
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
EROSION CONTROL

DRAWING: N09-300rg001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
EC-1
33 OF 102 SHEETS

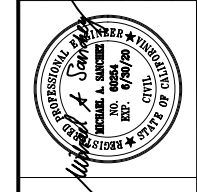


MATCHLINE 8+00.00 SEE SHEET EC-1

MATCHLINE 16+00.00 SEE SHEET EC-3

SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
EROSION CONTROL

DRAWING: N09-300rg1002.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
EC-2
34 OF 102 SHEETS



MATCHLINE 14+00 SEE SHEET EC

MATCHLINE 24+00 SEE SHEET EC

SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



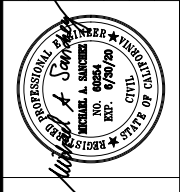
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
EROSION CONTROL

DRAWING: N09-300rg1003.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
EC-3
35 OF 102 SHEETS



REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION

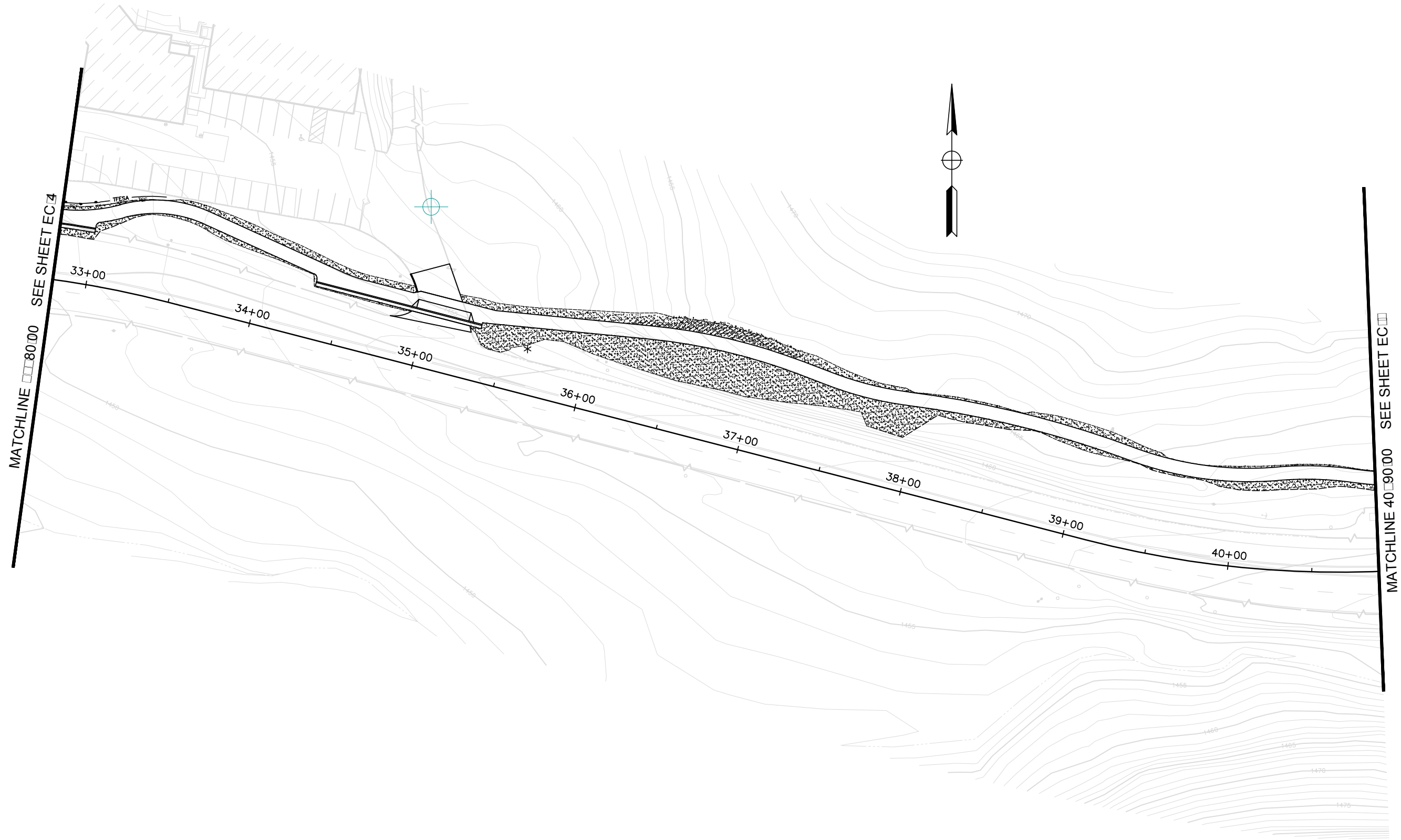


COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 EROSION CONTROL

DRAWING: N09-300rg1004.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

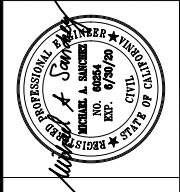
SHEET
EC-4
 36 OF 102 SHEETS

SCALE : 1" = 30'



SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



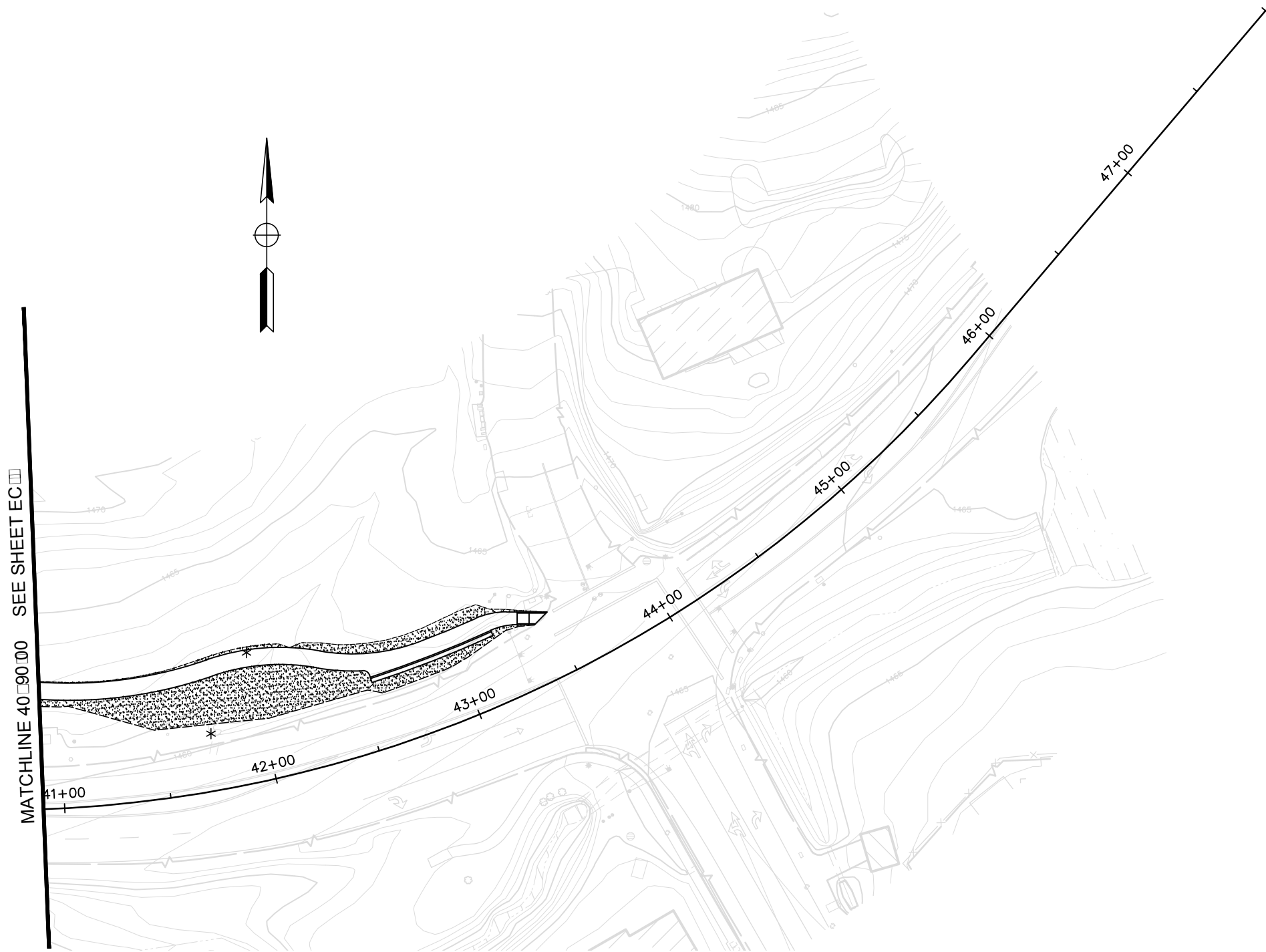
NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 EROSION CONTROL

DRAWING: N09-300rg1005.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
EC-5
 37 of 102 SHEETS



SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 EROSION CONTROL

DRAWING: N09-300rg006.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
EC-6
 38 of 102 SHEETS

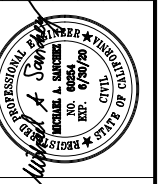
SHEET No.	FROM			TO			HYDROSEED	TEMPORARY FIBER ROLL	TEMPORARY SILT FENCE	TEMPORARY HIGH-VISIBILITY FENCE	TEMPORARY DRAINAGE INLET PROTECTION
							SQFT	LF	LF	LF	EA
EC-1	"C"	0+60	Lt	"C"	1+10	Lt	774	35	92	92	
EC-1	"C"	1+50	Lt	"C"	2+60	Lt	800	109	118	118	
EC-1	"C"	3+20.00	Lt	"C"	7+40.00	Lt	960	280	434	434	
EC-1	"C"	7+50.00	Lt	"C"	8+20.00	Lt	158	25	77	77	
EC-1	"C"	1+50.00	Rt	"C"	3+40.00	Rt	555	82	221	221	
EC-1	"C"	3+75.00	Rt	"C"	7+10.00	Rt	2448	231	375	375	
EC-1	"C"	7+50.00	Rt	"C"	8+20.00	Rt	188		128	128	
EC-1	"C"	1+00.00	Lt	-	-	-					1
EC-1	"C"	1+00.00	Rt	-	-	-					1
EC-1	"C"	2+50.00	Lt	-	-	-					1
EC-1	"C"	3+00.00	Lt	-	-	-					1
EC-1	"C"	3+45.00	Rt	-	-	-					1
EC-1	"C"	3+60.00	Rt	-	-	-					1
EC-1	"C"	365.0	Rt	-	-	-					1
EC-1	"C"	6+85.00	Rt	-	-	-					1
EC-1	"C"	7+20.00	Rt	-	-	-					1
EC-1	"C"	72+50.00	Lt	-	-	-					1
EC-1	"C"	7+55.00	Lt	-	-	-					1
EC-2	"C"	8+20.00	Lt	"C"	12+75.00	Lt	1014	176	484	484	
EC-2	"C"	8+20.00	Rt	"C"	9+30.00	Rt	1886		106	106	
EC-2	"C"	13+00.00	Lt	"C"	14+95.00	Lt	418	72	183	183	
EC-2	"C"	15+05.00	Lt	"C"	16+40.00	Lt	560	142	137	137	
EC-2	"C"	8+20.00	Rt	"C"	9+30.00	Rt					
EC-2	"C"	9+50.00	Rt	"C"	10+20.00	Rt	1405	35	124	124	
EC-2	"C"	10+75.00	Rt	"C"	11+95.00	Rt	339	134	123	123	
EC-2	"C"	12+15.00	Rt	"C"	16+00.00	Rt	1991	135	388	388	
EC-2	"C"	8+30.00	Lt	-	-	-					1
EC-2	"C"	8+30.00	Rt	-	-	-					1
EC-2	"C"	9+60.00	Lt	-	-	-					1
EC-2	"C"	10+75.00	Lt	-	-	-					1
EC-2	"C"	12+50.00	Lt	-	-	-					1
EC-2	"C"	12+80.00	Rt	-	-	-					1
EC-2	"C"	13+40.00	Lt	-	-	-					1
EC-2	"C"	14+90.00	Lt	-	-	-					1
TOTAL							13496	1454	2988	2988	19

EROSION CONTROL QUANTITIES

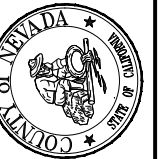
SHEET No.	FROM			TO			HYDROSEED	TEMPORARY FIBER ROLL	TEMPORARY SILT FENCE	TEMPORARY HIGH-VISIBILITY FENCE	TEMPORARY DRAINAGE INLET PROTECTION
							SQFT	LF	LF	LF	EA
EC-3	"C"	16+55.00	Lt	"C"	18+00.00	Lt	218		154	154	
EC-3	"C"	18+05.00	Lt	"C"	18+90.00	Lt	556	54	78	78	
EC-3	"C"	19+10.00	Lt	"C"	21+10.00	Lt	909		230	230	
EC-3	"C"	21+40.00	Lt	"C"	21+75.00	Lt	283		47	47	
EC-3	"C"	16+70.00	Lt	-	-	-					1
EC-3	"C"	19+60.00	Lt	-	-	-					1
EC-3	"C"	20+60.00	Lt	-	-	-					1
EC-4	"C"	27+60.00	Lt	"C"	29+10.00	Lt	623		142	142	
EC-4	"C"	29+60.00	Lt	"C"	30+80.00	Lt	637		128	128	
EC-4	"C"	31+70.00	Lt	"C"	32+80.00	Lt	591		115	115	
EC-5	"C"	32+80.00	Lt	"C"	34+90.00	Lt	872		221	221	
EC-5	"C"	35+25.00	Lt	"C"	40+90.00	Lt	6297		682	682	
EC-6	"C"	35+00.00	Lt	-	-	-					2
EC-6	"C"	40+90.00	Lt	"C"	43+50.00	Lt	3100		244	244	
TOTAL							27363	1507	4874	4874	24

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



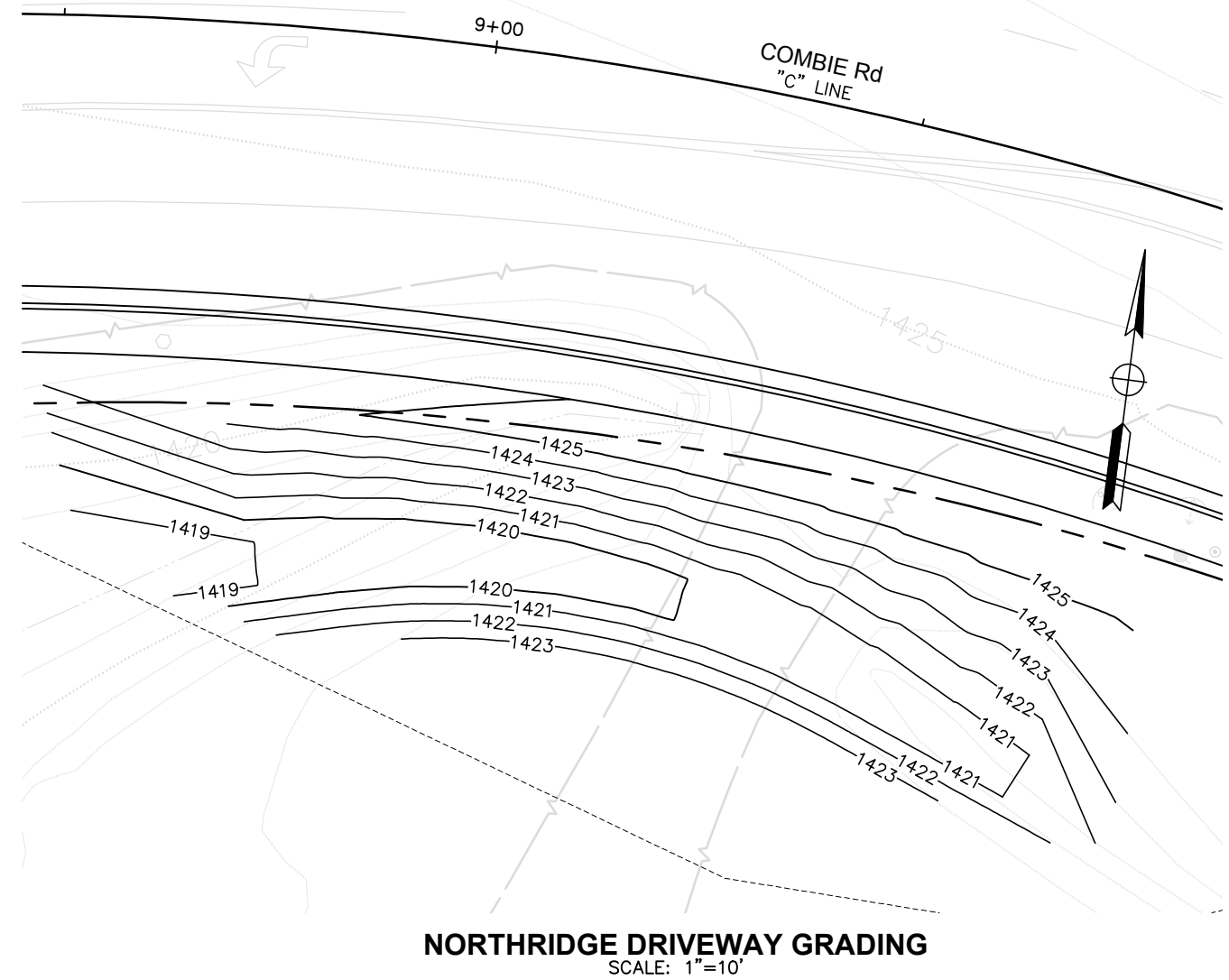
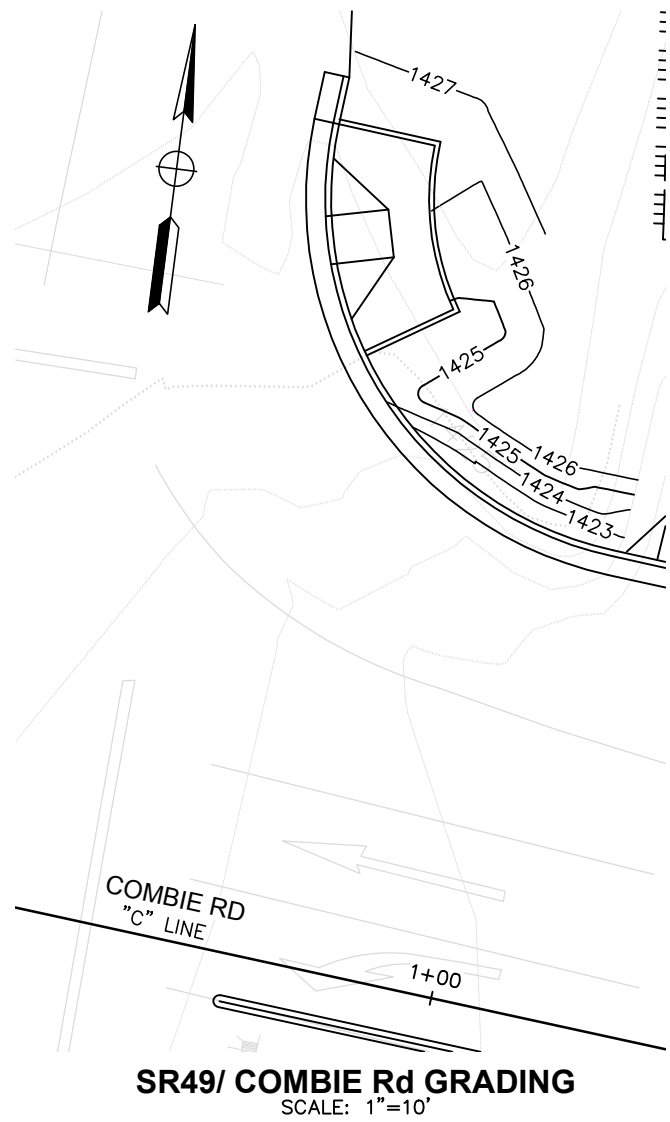
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
EROSION CONTROL QUANTITIES

DRAWING: N09-300ecq001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
ECQ-1
39 of 102 SHEETS

NOTES:

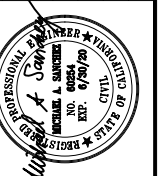
1. THIS PLAN ACCURATE FOR GRADING WORK ONLY.



SCALE : AS SHOWN

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONTOUR GRADING

DRAWING: N09-300rta001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
G-1
40 OF 102 SHEETS

NOTES:

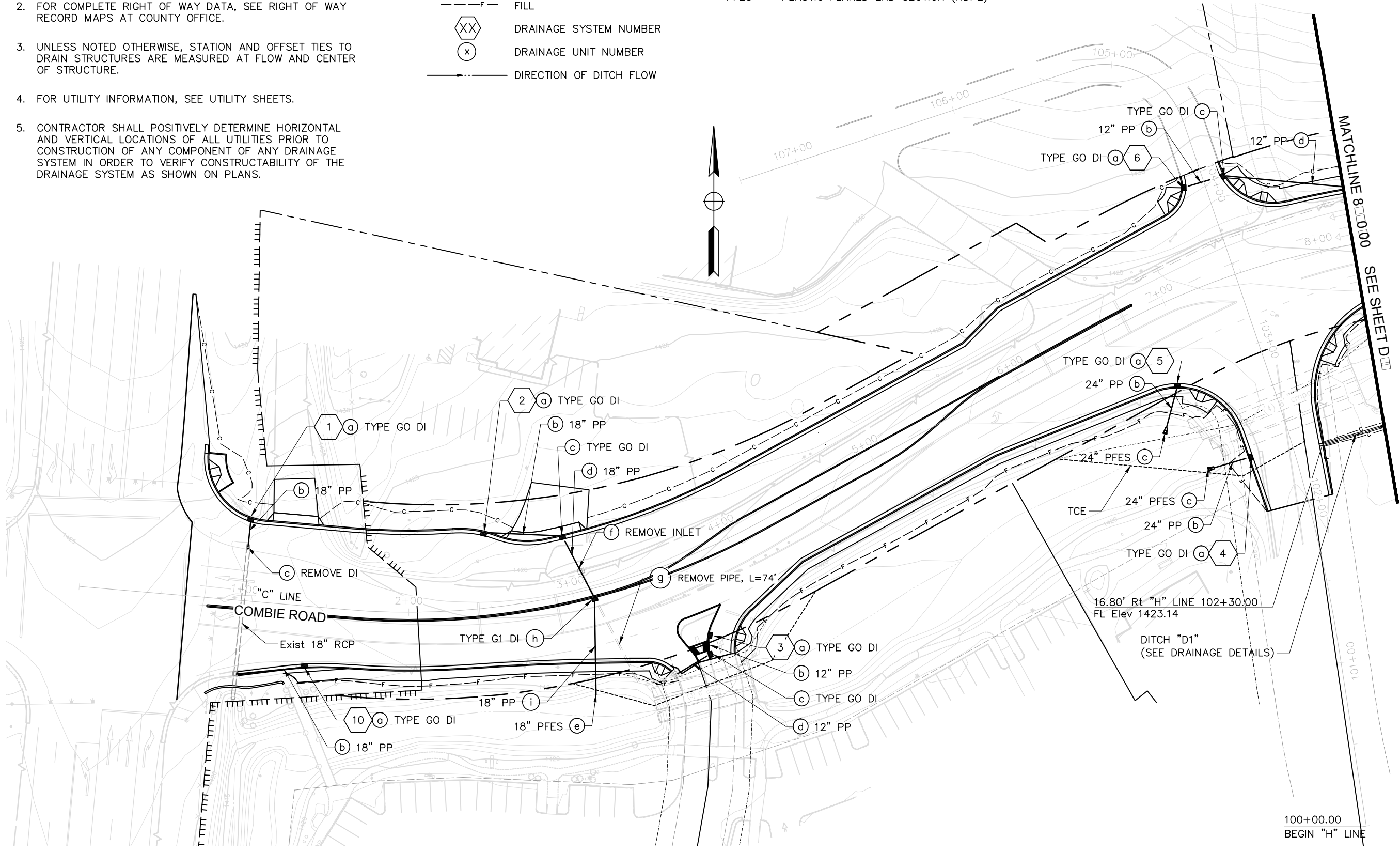
1. THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.
2. FOR COMPLETE RIGHT OF WAY DATA, SEE RIGHT OF WAY RECORD MAPS AT COUNTY OFFICE.
3. UNLESS NOTED OTHERWISE, STATION AND OFFSET TIES TO DRAIN STRUCTURES ARE MEASURED AT FLOW AND CENTER OF STRUCTURE.
4. FOR UTILITY INFORMATION, SEE UTILITY SHEETS.
5. CONTRACTOR SHALL POSITIVELY DETERMINE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION OF ANY COMPONENT OF ANY DRAINAGE SYSTEM IN ORDER TO VERIFY CONSTRUCTABILITY OF THE DRAINAGE SYSTEM AS SHOWN ON PLANS.

LEGEND:

- c--- CUT
- f--- FILL
- XX DRAINAGE SYSTEM NUMBER
- x DRAINAGE UNIT NUMBER
- DIRECTION OF DITCH FLOW

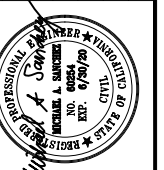
ABBREVIATIONS:

- PP PLASTIC PIPE (HDPE)
- PFES PLASTIC FLARED END SECTION (HDPE)



REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
DRAINAGE PLAN

DRAWING: N09-300ria001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

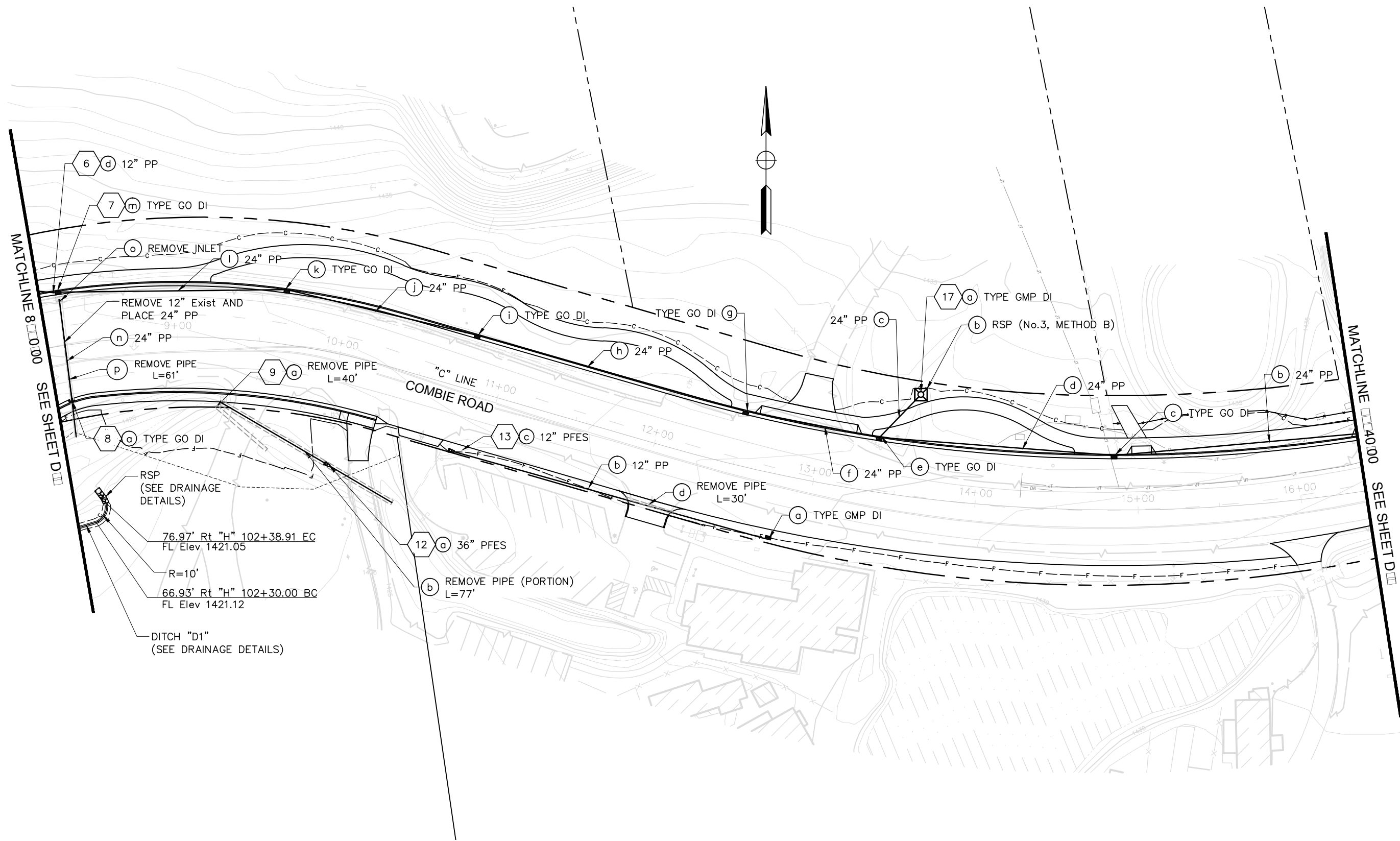
SHEET

D-1

41 OF 102 SHEETS

100+00.00
BEGIN "H" LINE

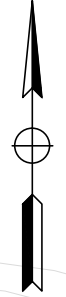
SCALE : 1" = 30'



MATCHLINE 8+00.00 SEE SHEET D

MATCHLINE 16+00.00 SEE SHEET D

76.97' Rt "H" 102+38.91 EC
FL Elev 1421.05
R=10'
66.93' Rt "H" 102+30.00 BC
FL Elev 1421.12
DITCH "D1"
(SEE DRAINAGE DETAILS)



REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
DRAINAGE PLAN

DRAWING: N09-300ra002.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
D-2
42 OF 102 SHEETS

SCALE : 1" = 30'



MATCHLINE 40+00 SEE SHEET D1

MATCHLINE 40+00 SEE SHEET D2

SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



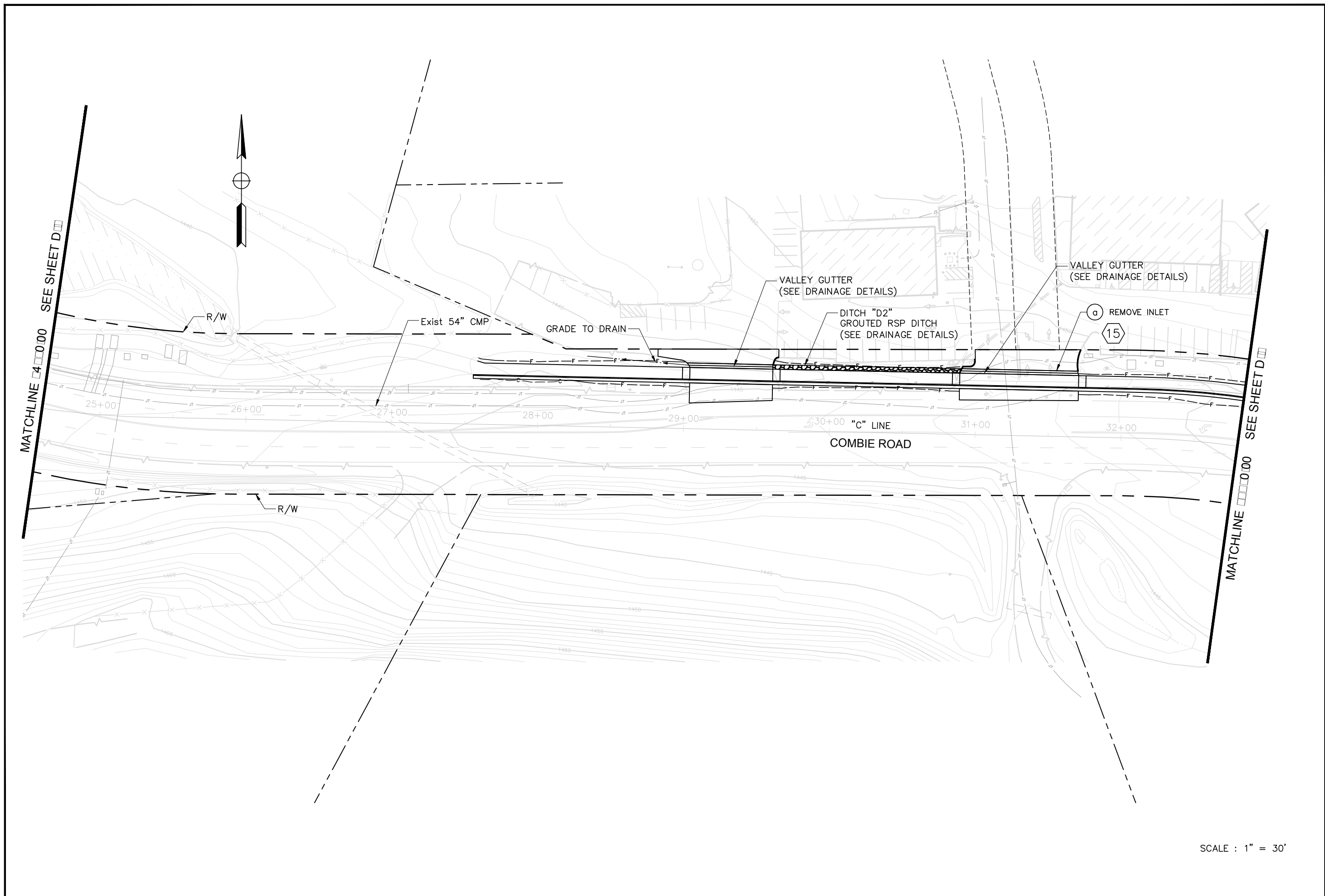
NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 DRAINAGE PLAN

DRAWING: N09-300ria003.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
 D-3
 43 OF 102 SHEETS



REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION

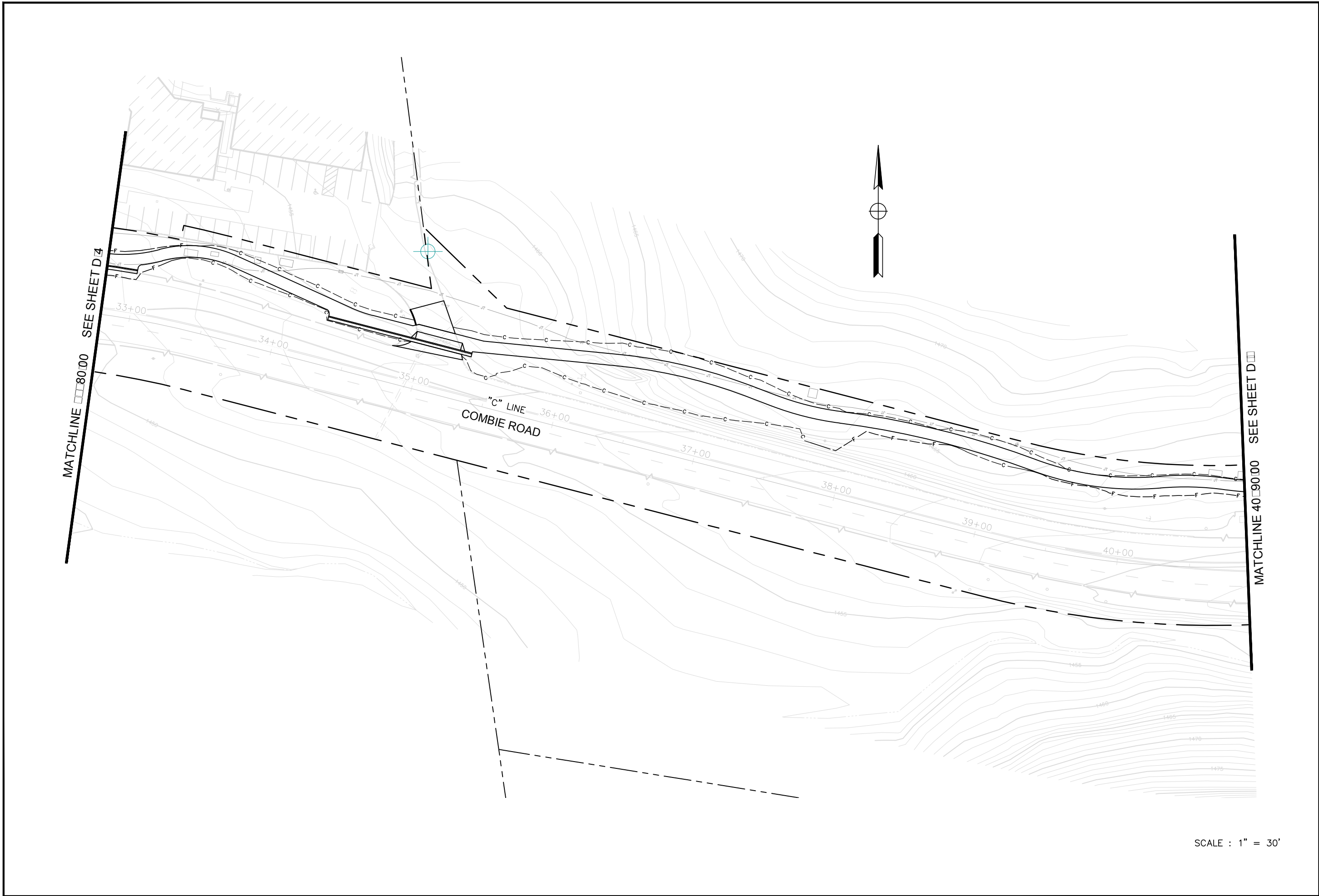


COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 DRAINAGE PLAN

DRAWING: N09-300ria004.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

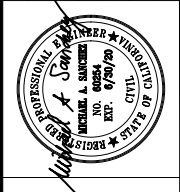
SHEET
D-4
 44 OF 102 SHEETS

SCALE : 1" = 30'



SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



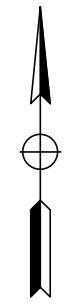
NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 DRAINAGE PLAN

DRAWING: N09-300ra005.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
 D-5
 45 OF 102 SHEETS



MATCHLINE 40+90.00 SEE SHEET D

SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
DRAINAGE PLAN

DRAWING: N09-300ra006.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
D-6
46 of 102 SHEETS


NOTES:

1. THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.
2. CALL OUTS TO DRAINAGE STRUCTURES ARE REFERENCED TO CENTERLINE OF STRUCTURE AT FLOW LINE.
3. FOR UTILITY INFORMATION, SEE UTILITY SHEETS.
4. CONTRACTOR SHALL POSITIVELY DETERMINE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION OF ANY COMPONENT OF ANY DRAINAGE SYSTEM IN ORDER TO VERIFY CONTRACTIBILITY OF THE DRAINAGE SYSTEM AS SHOWN ON PLANS.

ABBREVIATIONS:

- PP PLASTIC PIPE (HDPE)
 PFES PLASTIC FLARED END SECTION (HDPE)

LEGEND:

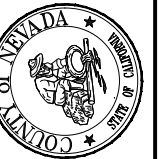
-  MINOR CONCRETE (PIPE ENCASEMENT)

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



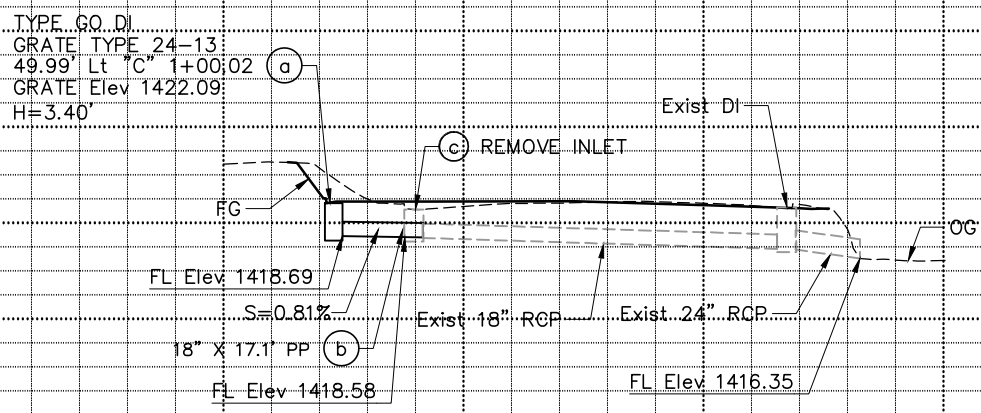
COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 DRAINAGE PROFILE

DRAWING: N09-300r001.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019
 SHEET

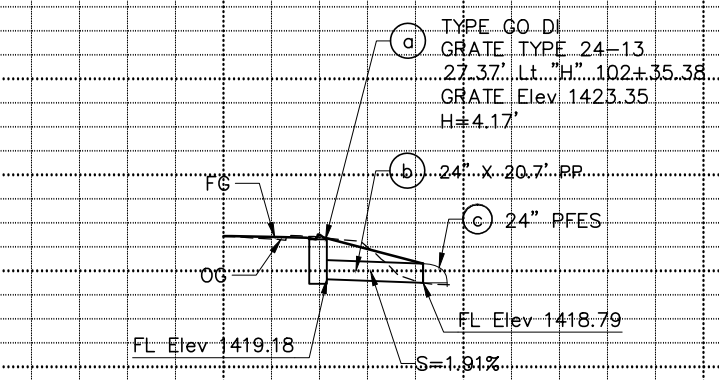
TOTAL
 DP-1
 47 OF 102 SHEETS

1445
1440
1435
1430
1425
1420
1415
1410
1405
1400

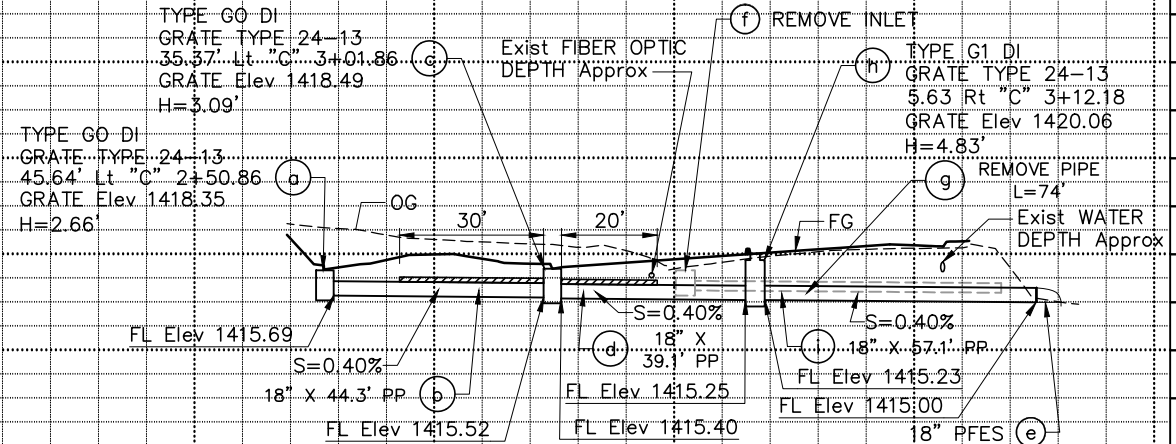
1445
1440
1435
1430
1425
1420
1415
1410
1405
1400



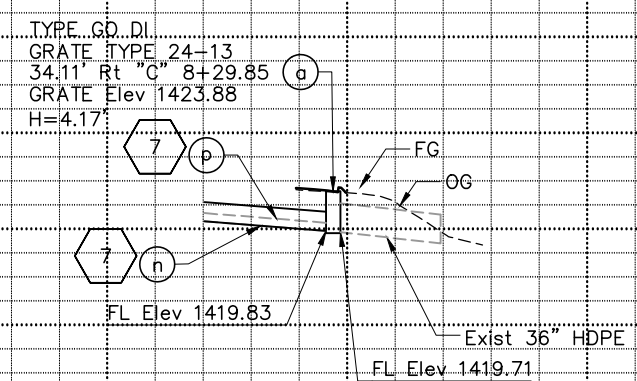
DRAINAGE SYSTEM No. 1



DRAINAGE SYSTEM No. 4



DRAINAGE SYSTEM No. 2

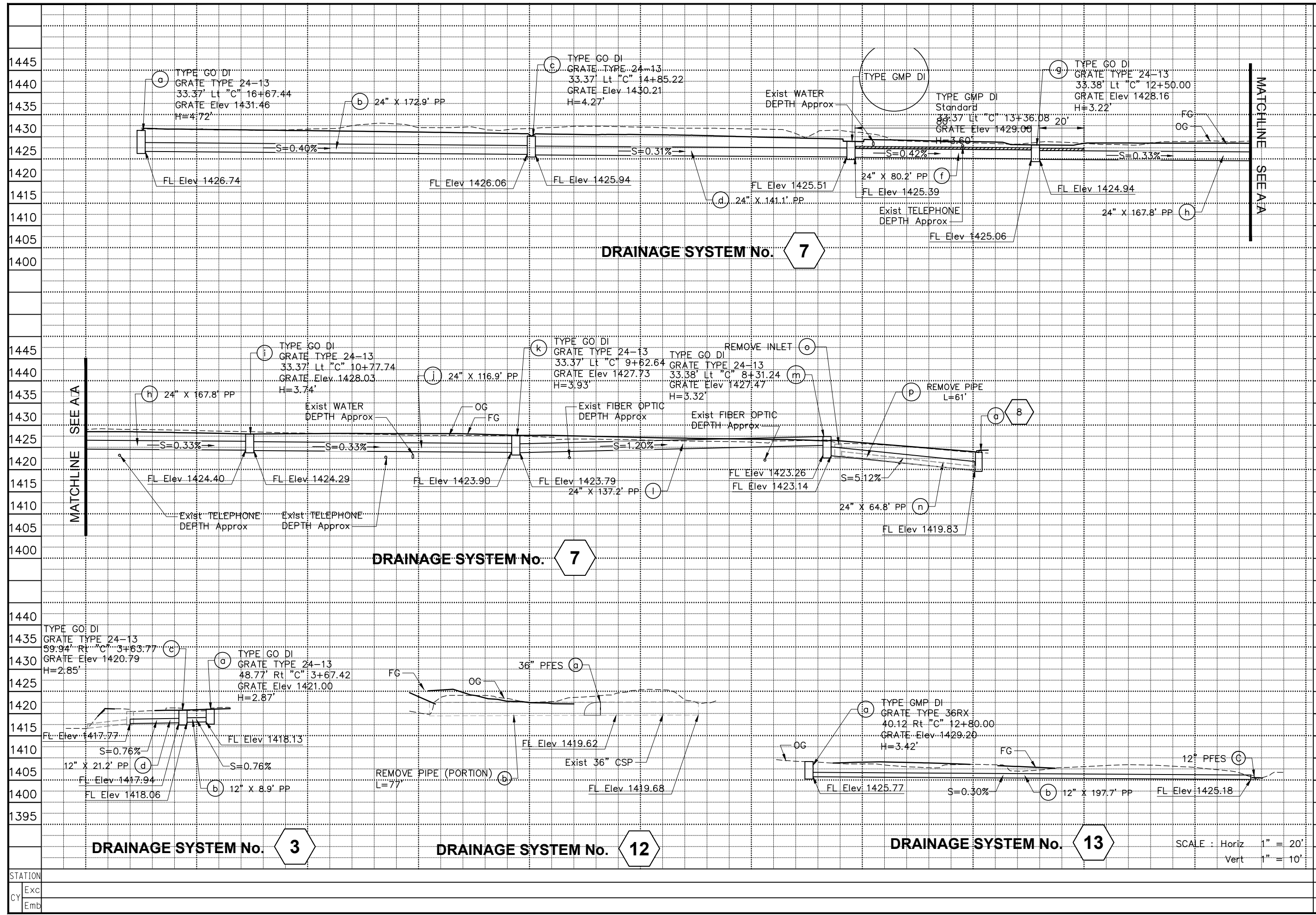


DRAINAGE SYSTEM No. 8

SCALE : Horiz 1" = 20'
 Vert 1" = 10'

STATION
 Exc
 Emb

TOTAL



REVISIONS

NO.	DESCRIPTION	BY	DATE

NEVADA COUNTY DEPARTMENT OF PUBLIC WORKS DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR IMPROVEMENT PROJECT DRAINAGE PROFILE

DRAWING:	N09-300r002.dwg
DESIGNED:	MAS
DRAWN:	BG
CHECKED:	JPJ
JOB NO:	N09-300
DATE:	Jan 30, 2019
SHEET	

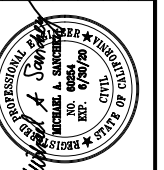
SCALE: Horiz 1" = 20', Vert 1" = 10'

TOTAL	DP-2
	48 of 102 SHEETS

STATION	
Exc	
Emb	

REVISIONS

NO.	DESCRIPTION	BY	DATE



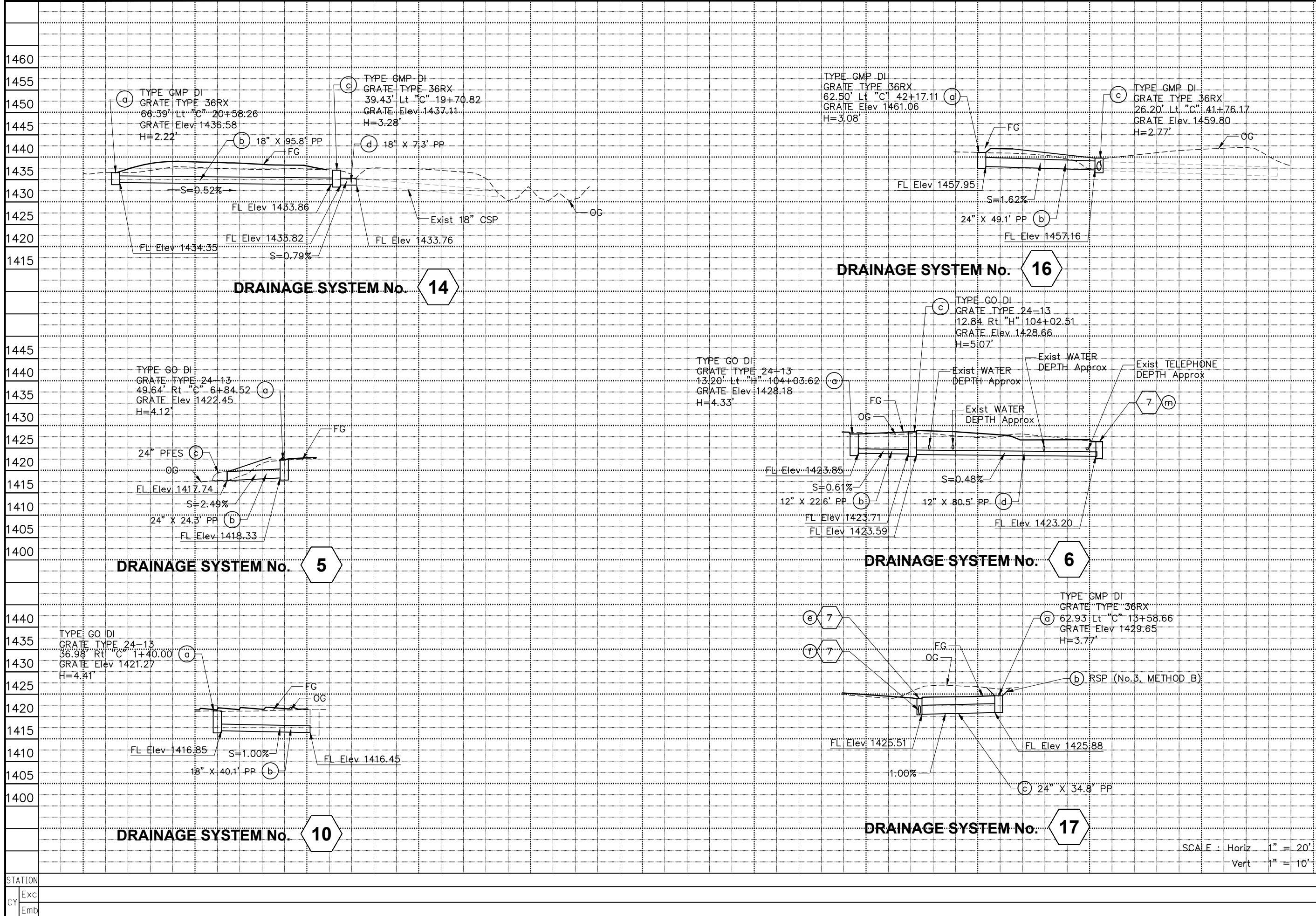
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
DRAINAGE PROFILE

DRAWING: N09-300r003.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019
SHEET

TOTAL
DP-3
49 OF 102 SHEETS



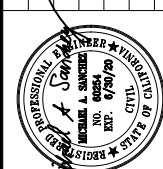
SCALE : Horiz 1" = 20'
Vert 1" = 10'

STATION	Exc
CY	Emb

TOTAL	
-------	--

REVISIONS

NO.	DESCRIPTION	BY	DATE



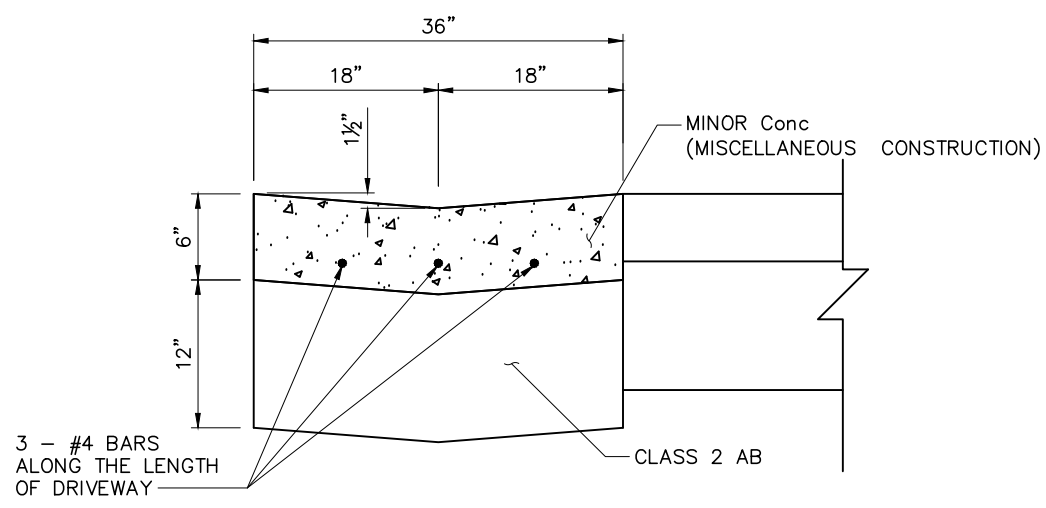
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



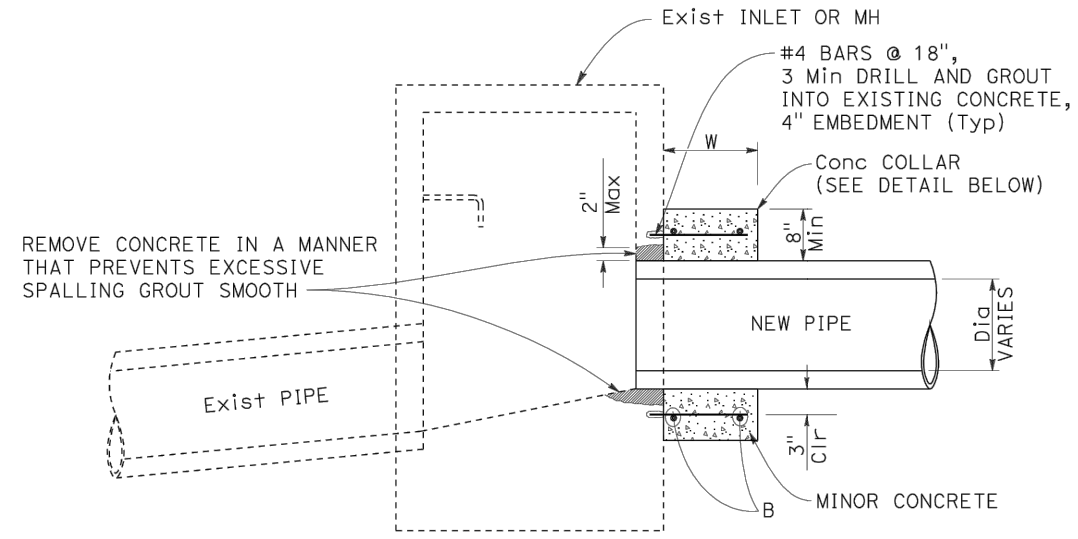
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
DRAINAGE DETAILS

DRAWING: N09-300ric001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300

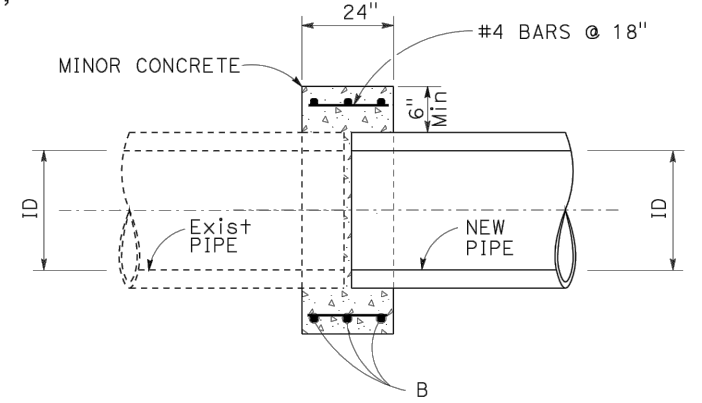
DATE: Jan 30, 2019
SHEET
DD-1
50 OF 102 SHEETS



CONCRETE VALLEY GUTTER



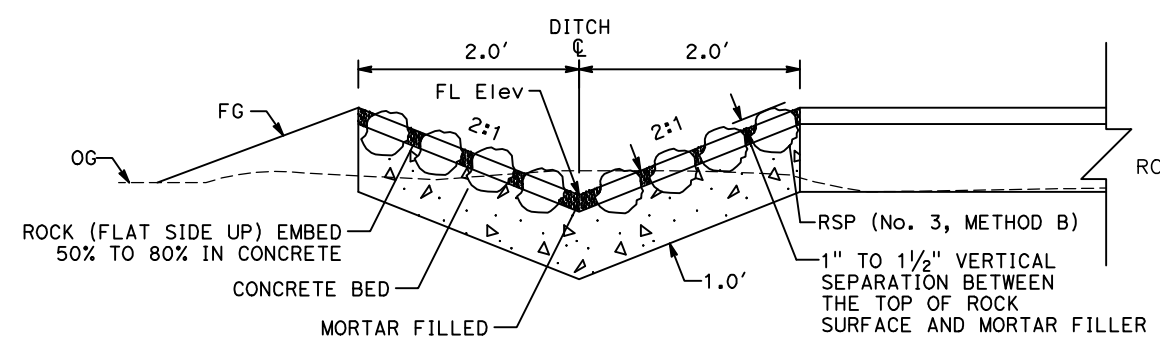
PIPE CONNECTION TO EXISTING INLET OR MANHOLE



CONCRETE COLLAR

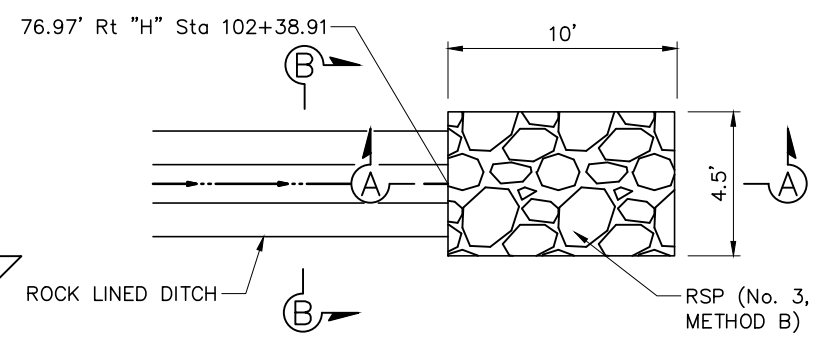
PIPE INSIDE DIAMETER, ID	B	W
UP TO 24"	2-#5 HOOPS	18"
OVER 24"	3-#5 HOOPS	24"

NOTE: FOR ADDITIONAL INFORMATION, REFER TO SECTION 52 OF CALTRANS STANDARD SPECIFICATIONS.

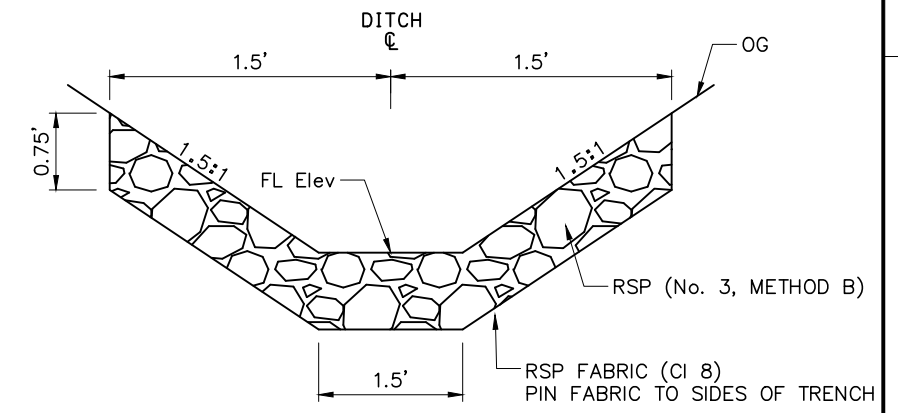
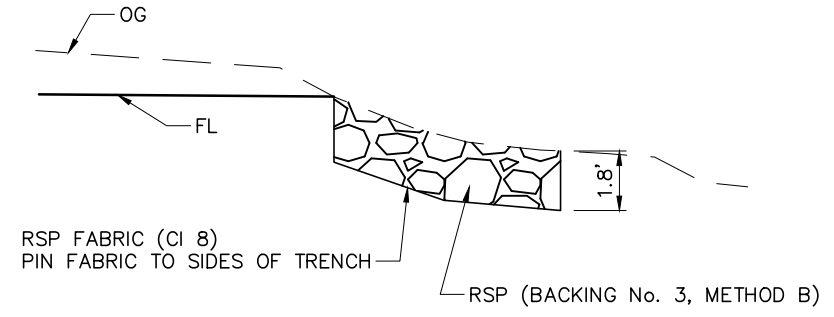


GRouted RSP DITCH - DITCH "D2"

"C" Sta 29+60.39 TO "C" Sta 30+89.36



**SECTION A-A
ROCK SLOPE PROTECTION AT ROCK LINED DITCH**



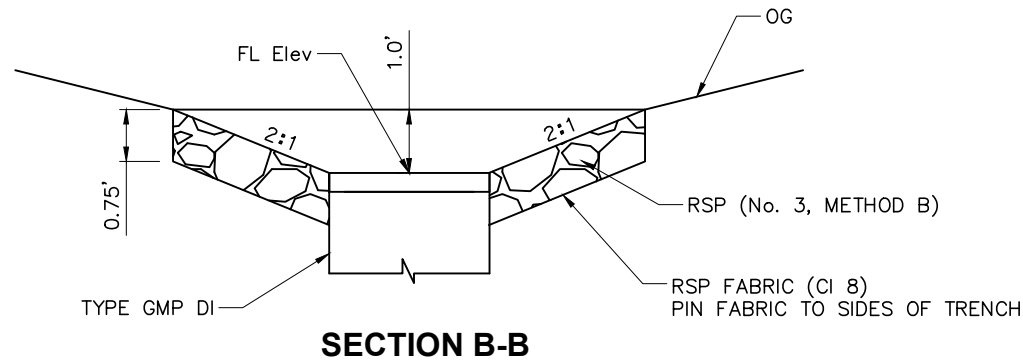
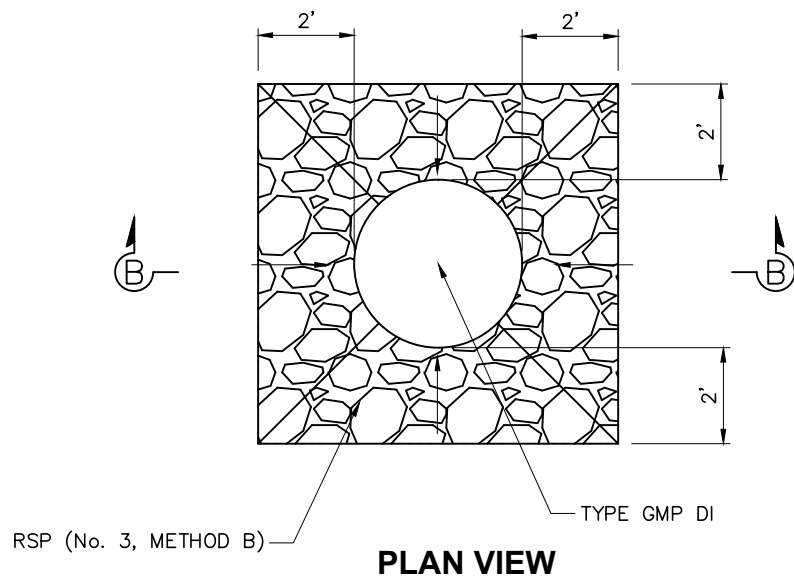
**SECTION B-B
ROCK LINED DITCH - DITCH "D1"**

"H" Sta 102+30.00 TO "H" Sta 102+38.91

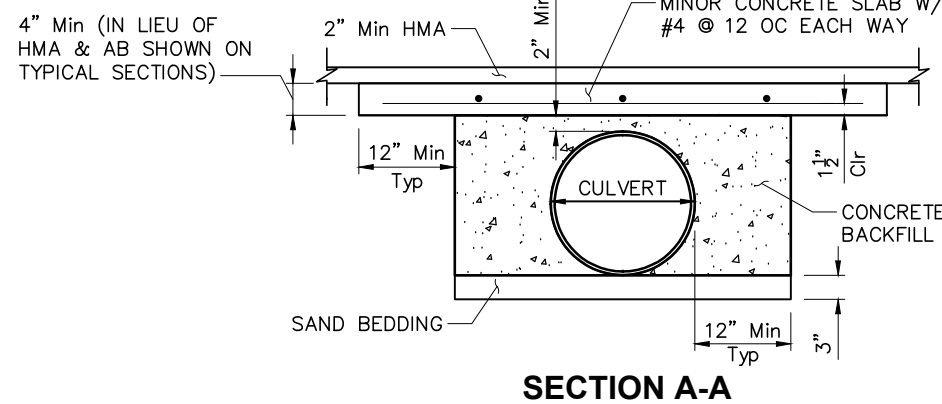
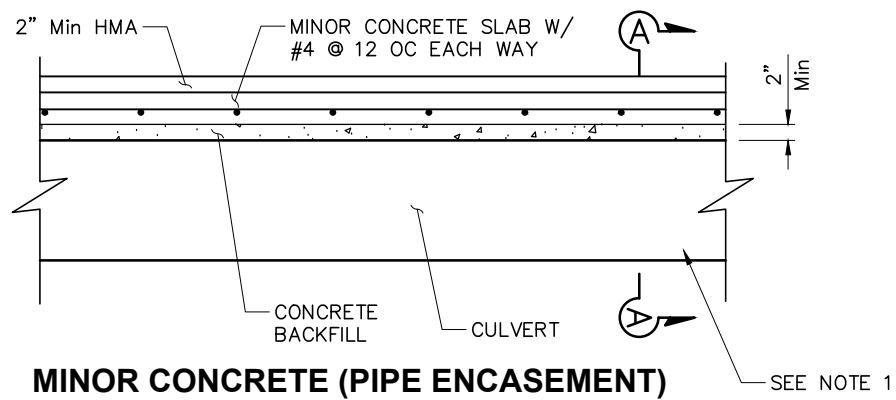
NO SCALE

NOTES:

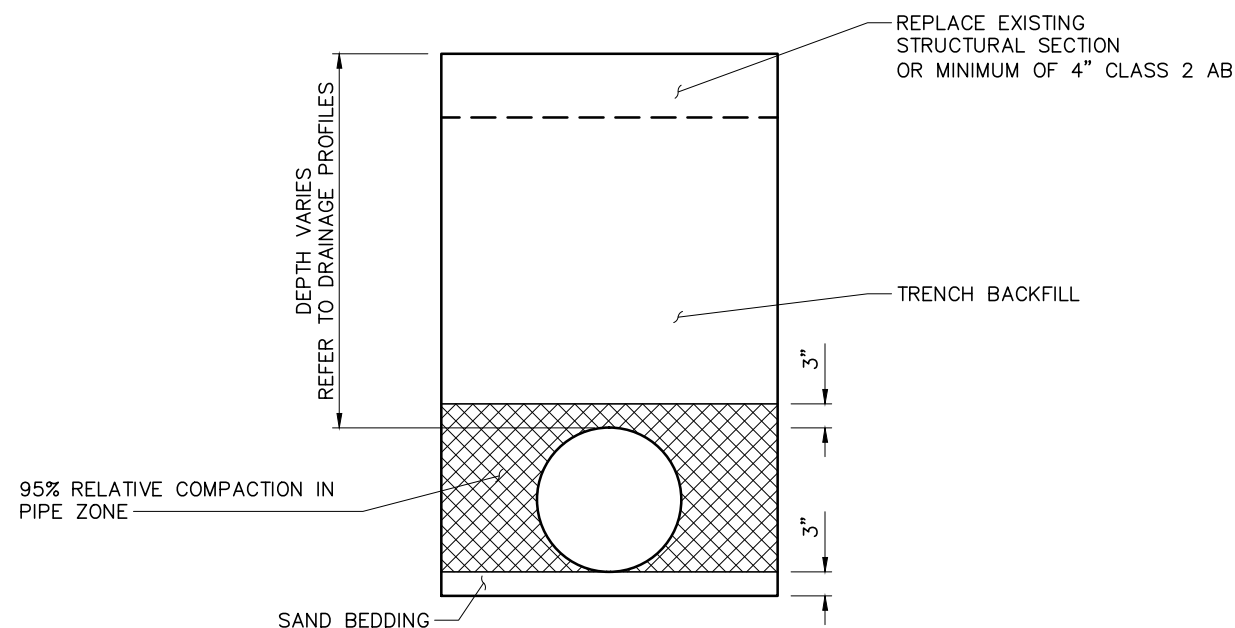
1. FOR MINOR CONCRETE (PIPE ENCASEMENT), SEE "DRAINAGE PROFILE" SHEETS.



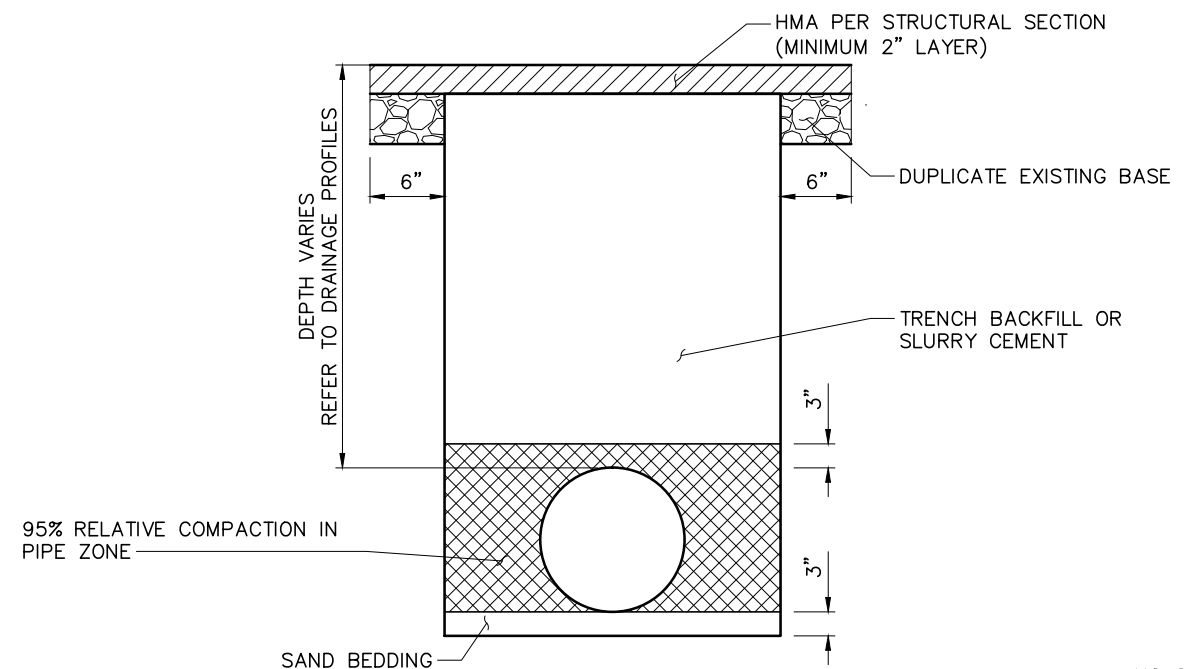
TYPE GMP DI WITH CONCRETE APRON 17



SECTION A-A



TYPICAL TRENCH FOR DRAINAGE PIPE UNDER EXISTING DRIVEWAY OR NATURAL GROUND

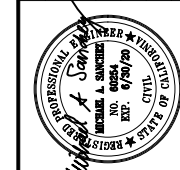


TYPICAL TRENCH FOR DRAINAGE PIPE THROUGH PAVEMENT

NO SCALE

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
DRAINAGE DETAILS

DRAWING: N09-300ric002.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

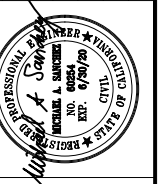
DRAINAGE QUANTITIES

DRAINAGE PLAN SHEET	DRAINAGE SYSTEM	DRAINAGE UNIT No.	LINE	STATION	OFFSET	MISCELLANEOUS IRON AND STEEL	HEIGHT OF INLET "H" (N)	MINOR CONCRETE (MINOR STRUCTURE)	12" PLASTIC PIPE (HDPE)	18" PLASTIC PIPE (HDPE)	24" PLASTIC PIPE (HDPE)	12" PLASTIC FLARED END SECTION (HDPE)	24" PLASTIC FLARED END SECTION (HDPE)	36" STEEL FLARED END SECTION	36" CORRUGATED STEEL PIPE INLET (.064" THICK)	MINOR CONCRETE (PIPE ENCASUREMENT)	CONCRETE BACKFILL	REMOVE PIPE	REMOVE INLET	GROUTED RSP DITCH	ROCK SLOPE PROTECTION (BACKING NO.3, METHOD B)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	DESCRIPTION
					Lt	LB	LF	CY	LF	LF	LF	EA	EA	EA	LF	CY	CY	LF	EA	LF	CY	SQYD	
D-1	1	a	"C"	1+00.02	Lt	188		1.14															TYPE GO DI
		b								17.1													
		c																	1				REMOVE INLET
D-1	2	a	"C"	2+50.86	Lt	188		0.99															TYPE GO DI
		b							44.3							1.9	3.0						TYPE GO DI
		c	"C"	3+01.86	Lt	188		1.06								1.2	2.0						TYPE GO DI
		d							39.1														
		e										1											12" PFES
		f																					REMOVE INLET
		g																74		1			REMOVE PIPE, L=74'
		h	"C"	3+12.18	Rt	188		1.20															TYPE G1 DI
		i							57.1														
D-1	3	a	"C"	3+67.42	Rt	188		1.23															TYPE GO DI
		b							8.9														
		c	"C"	3+63.77	Rt	188		1.22															TYPE GO DI
		d							21.2														
D-1	4	a	"H"	102+35.38	Lt	188		1.55															TYPE GO DI
		b								20.7													
		c										1											24" PFES
D-1	5	a	"C"	6+84.52	Rt	188		1.53															TYPE GO DI
		b								24.3													
		c										1											24" PFES
D-1	6	a	"H"	104+03.62	Lt	188		1.58															TYPE GO DI
		b							22.6														
		c	"H"	104+02.51	Rt	188		1.76															TYPE GO DI
D-1		d							80.5														
SUBTOTAL						1880		13.26	273.7	17.1	45.0	1	2			3.1	5.0	74	2				

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

REVISIONS

NO.	DESCRIPTION	BY	DATE



**NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION**



**COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
DRAINAGE QUANTITIES**

DRAWING: N09-300r4001.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
DQ-1
52 OF 102 SHEETS

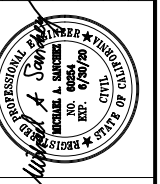
DRAINAGE QUANTITIES

DRAINAGE PLAN SHEET	DRAINAGE SYSTEM	DRAINAGE UNIT No.	LINE	STATION	OFFSET	MISCELLANEOUS IRON AND STEEL	HEIGHT OF INLET "H" (N)	MINOR CONCRETE (MINOR STRUCTURE)	12" PLASTIC PIPE (HDPE)	18" PLASTIC PIPE (HDPE)	24" PLASTIC PIPE (HDPE)	12" PLASTIC FLARED END SECTION (HDPE)	24" PLASTIC FLARED END SECTION (HDPE)	36" STEEL FLARED END SECTION	36" CORRUGATED STEEL PIPE INLET (.064" THICK)	MINOR CONCRETE (PIPE ENCASEMENT)	CONCRETE BACKFILL	REMOVE PIPE	REMOVE INLET	GROUTED RSP DITCH	ROCK SLOPE PROTECTION (BACKING NO.3, METHOD B)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	DESCRIPTION
					Lt	LB	LF	CY	LF	LF	LF	EA	EA	EA	LF	CY	CY	LF	EA	LF	CY	SQYD	
D-3	7	a	"C"	16+67.44	Lt	188		1.68			172.9												TYPE GO DI
		b																					
		c	"C"	14+85.22	Lt	188		1.57			141.1												TYPE GO DI
		d																					
		e	"C"	13+36.08	Lt	188		1.41			141.1												TYPE GO DI
		f									80.2					5.9	16.4						TYPE GO DI
		g	"C"	12+50.00	Lt	188		1.31			167.8					1.5	4.1						TYPE GO DI
		h																					
		i	"C"	10+77.74	Lt	188		1.44			116.9												TYPE GO DI
		j																					
		k	"C"	9+62.64	Lt	188		1.49			137.3												TYPE GO DI
		l																					
		m	"C"	8+31.24	Lt	188		1.34			64.8												TYPE GO DI
		n																					
		o																					
		p																	61	1			REMOVE INLET REMOVE PIPE, L=61' TYPE GO DI
D-2	8	a	"C"	8+29.85	Rt	188		1.55															
D-2	9	a																40					REMOVE PIPE, L=40'
D-1	10	a	"C"	1+40.00	Rt	188		1.61															TYPE GO DI
		b								40.1													
D-2	12	a												1									
		b																77					REMOVE PIPE, L=77'
D-2	13	a	"C"	12+80.00	Rt	215	3.4	1.36							3.9								TYPE GMP DI
		b								197.7													
		c										1											12" PFES
D-2		d																30					REMOVE PIPE, L=30'
SUBTOTAL						1907		14.76	197.7	40.1	881.0	1		1	3.9	7.4	20.5	208	1				

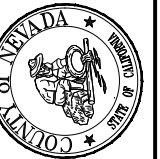
(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
DRAINAGE QUANTITIES

DRAWING: N09-300r002.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

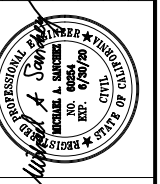
DRAINAGE QUANTITIES

DRAINAGE PLAN SHEET	DRAINAGE SYSTEM	DRAINAGE UNIT No.	LINE	STATION	OFFSET	MISCELLANEOUS IRON AND STEEL	HEIGHT OF INLET "H" (N)	MINOR CONCRETE (MINOR STRUCTURE)	12" PLASTIC PIPE (HDPE)	18" PLASTIC PIPE (HDPE)	24" PLASTIC PIPE (HDPE)	12" PLASTIC FLARED END SECTION (HDPE)	24" PLASTIC FLARED END SECTION (HDPE)	36" STEEL FLARED END SECTION	36" CORRUGATED STEEL PIPE INLET (.064" THICK)	MINOR CONCRETE (PIPE ENCASEMENT)	CONCRETE BACKFILL	REMOVE PIPE	REMOVE INLET	GROUTED RSP DITCH	ROCK SLOPE PROTECTION (BACKING NO.3, METHOD B)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	DESCRIPTION
						LB	LF	CY	LF	LF	LF	EA	EA	EA	LF	CY	CY	LF	EA	LF	CY	SQYD	
D-3	14	a	"C"	20+58.26		215	2.2								2.7								TYPE GMP DI
		b								95.8													
		c	"C"	19+70.82		215	3.3								3.8								TYPE GMP DI
		d								7.3													
D-4	15	a																	1				REMOVE INLET
D-6	16	a	"C"	42+17.11		215	3.1								3.6								TYPE GMP DI
		b								49.1													
		c	"C"	41+76.17		215	2.8								3.3								TYPE GMP DI
D-2	17	a	"C"	13+58.66	Lt	215	3.8								4.3								TYPE GMP DI
		b																			2	9	RSP (No.3, METHOD B); RSP FABRIC
		c								34.8											8.3	45	DITCH "D1"
																					130		DITCH "D2"
SUBTOTAL FROMSHEET DQ-3						1075				103.1	83.9				17.6				1	130	9.9	54	
SUBTOTAL FROMSHEET DQ-1						1880		13.26	273.7	17.1	45.0	1	2			3.1	5.0	74	2				
SUBTOTAL FROMSHEET DQ-2						1907		14.76	197.7	40.1	881.0	1		1	3.9	7.4	20.5	208	1				
TOTAL						4862		28.02	471.4	160.3	1009.9	2	2	1	21.5	10.5	25.5	282	4	130	9.9	54	

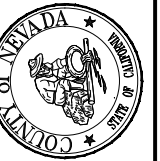
(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

REVISIONS

NO.	DESCRIPTION	BY	DATE



**NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION**



**COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
DRAINAGE QUANTITIES**

DRAWING: N09-300r003.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
DQ-3
54 OF 102 SHEETS

NOTES:

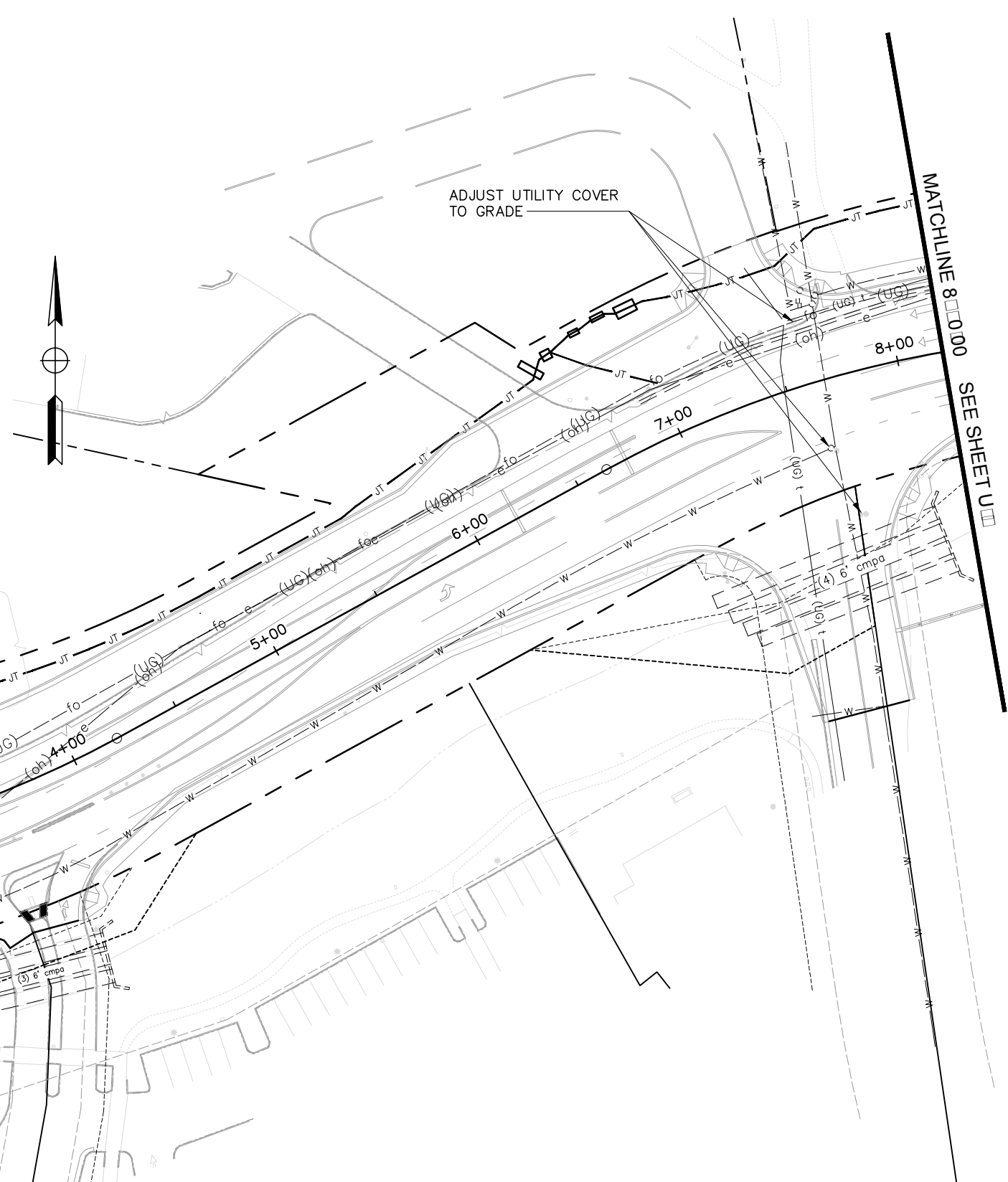
1. LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
2. THIS PLAN ACCURATE FOR UTILITY INFORMATION ONLY.
3. FOR COMPLETE RIGHT OF WAY DATA, SEE RIGHT OF WAY RECORD MAPS AT COUNTY OFFICE.
4. UTILITIES SHOWN UNDERGROUND ARE SCHEMATIC ONLY AND WERE INSTALLED AFTER PREPARATION OF THESE PLANS. CONTRACTOR TO FIELD VERIFY. OBTAIN FINAL JOINT TRENCH AS-BUILT PLANS, AT COUNTY OFFICE.

LEGEND:

- fo— (UG)— EXISTING FIBER OPTIC
- e— (oh)— EXISTING PG&E OVERHEAD ELECTRICAL
- t— (oh)— EXISTING PG&E OVERHEAD TELEPHONE
- (UG) t— EXISTING PG&E UNDERGROUND TELEPHONE
- w—w— EXISTING WATER
- s—s— EXISTING SANITARY SEWER
- r—r— EXISTING PG&E JOINT TRENCH
- JT—JT—JT— JOINT TRENCH (SEE NOTE 4)

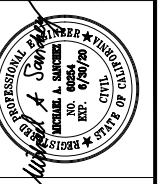
UTILITY OWNERSHIP:

- GAS — PG&E
- ELECTRICAL — PG&E
- WATER — NEVADA IRRIGATION DISTRICT
- SEWER
- STORM DRAIN
- TELECOMMUNICATION — SUDDENLINK
- TELEPHONE — AT&T



REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
UTILITY PLAN

DRAWING: N09-300ra001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
U-1
55 OF 102 SHEETS

SCALE : 1" = 30'



REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 UTILITY PLAN

DRAWING: N09-300Ka002.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
 U-2
 56 OF 102 SHEETS

Scale : 1" = 30'



SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



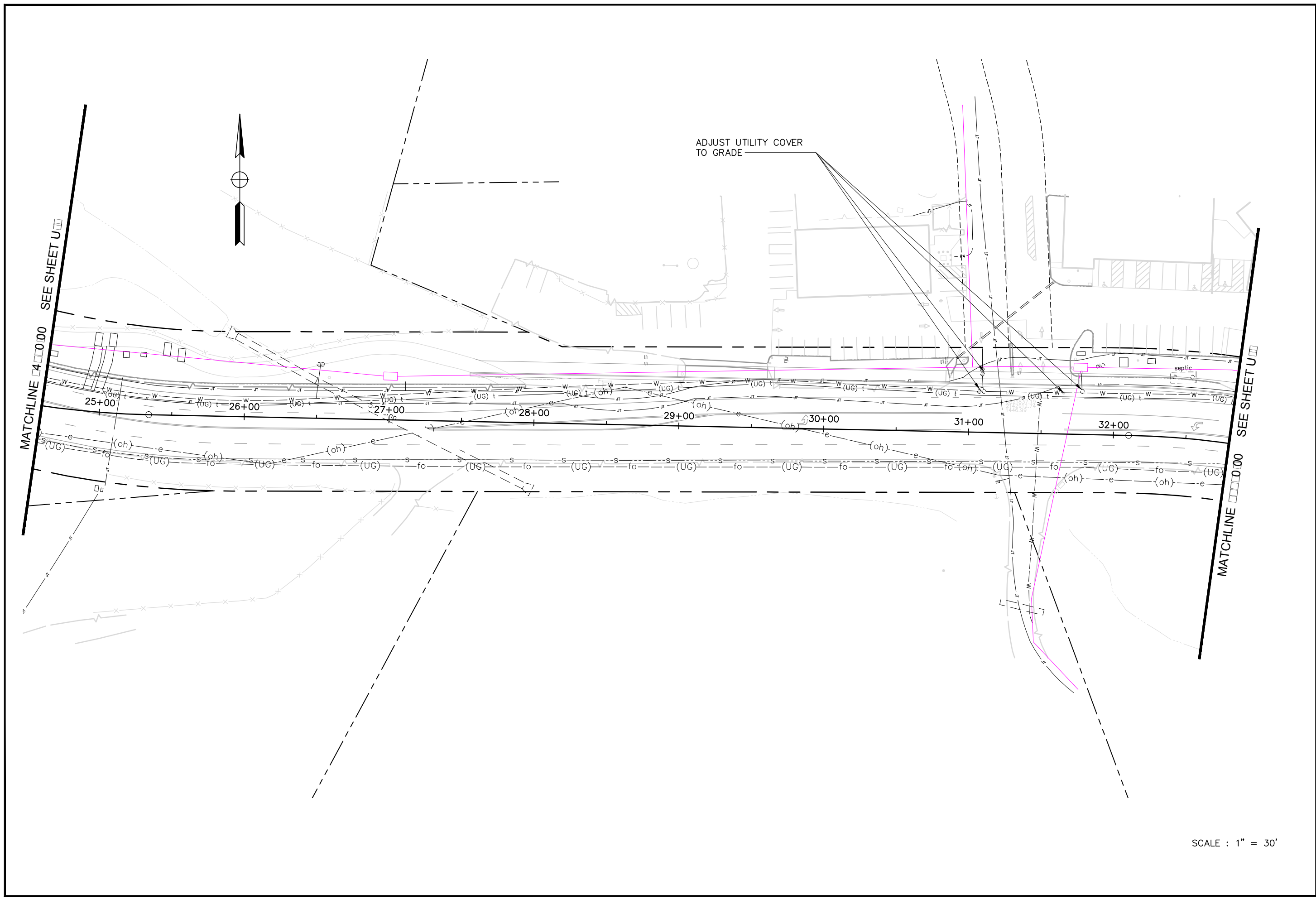
NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 UTILITY PLAN

DRAWING: N09-300ra003.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
 U-3
 57 OF 102 SHEETS



REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 UTILITY PLAN

DRAWING: N09-300ra004.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

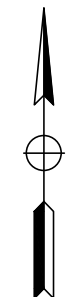
SHEET
 U-4
 58 OF 102 SHEETS

SCALE : 1" = 30'



MATCHLINE 32+00 SEE SHEET U-4

MATCHLINE 40+00 SEE SHEET U-5



SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
UTILITY PLAN

DRAWING: N09-300ra005.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
U-5
59 of 102 SHEETS

MATCHLINE 40+90.00 SEE SHEET U-6



SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
UTILITY PLAN






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DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

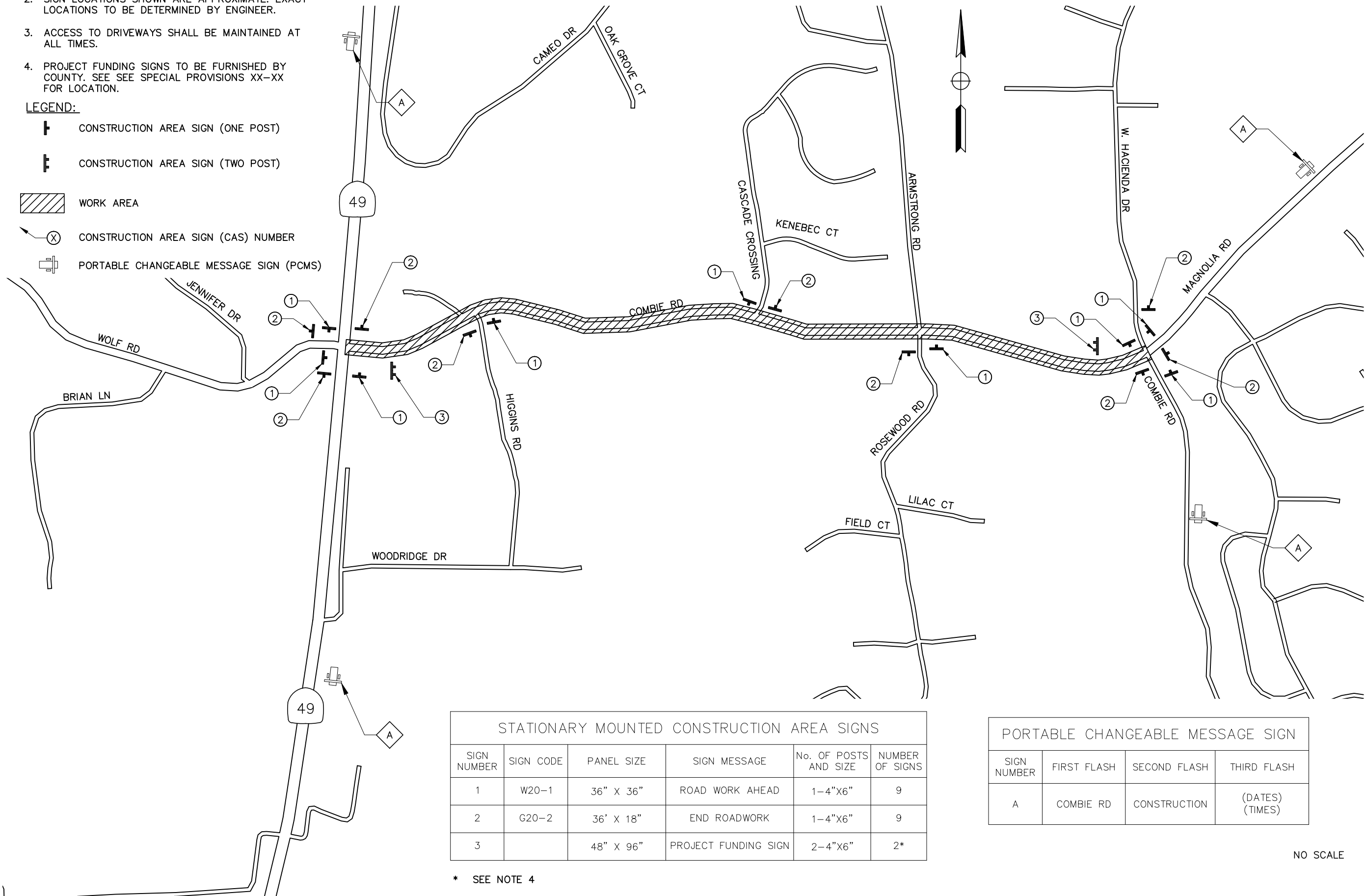
SHEET
U-6
60 OF 102 SHEETS

NOTES:

1. THIS PLAN ACCURATE FOR DETOUR LAYOUT ONLY.
2. SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.
3. ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
4. PROJECT FUNDING SIGNS TO BE FURNISHED BY COUNTY. SEE SPECIAL PROVISIONS XX-XX FOR LOCATION.

LEGEND:

-  CONSTRUCTION AREA SIGN (ONE POST)
-  CONSTRUCTION AREA SIGN (TWO POST)
-  WORK AREA
-  CONSTRUCTION AREA SIGN (CAS) NUMBER
-  PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)



STATIONARY MOUNTED CONSTRUCTION AREA SIGNS					
SIGN NUMBER	SIGN CODE	PANEL SIZE	SIGN MESSAGE	No. OF POSTS AND SIZE	NUMBER OF SIGNS
1	W20-1	36" X 36"	ROAD WORK AHEAD	1-4"X6"	9
2	G20-2	36" X 18"	END ROADWORK	1-4"X6"	9
3		48" X 96"	PROJECT FUNDING SIGN	2-4"X6"	2*

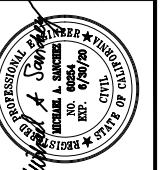
* SEE NOTE 4

PORTABLE CHANGEABLE MESSAGE SIGN			
SIGN NUMBER	FIRST FLASH	SECOND FLASH	THIRD FLASH
A	COMBIE RD	CONSTRUCTION	(DATES) (TIMES)

NO SCALE

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
CONSTRUCTION AREA SIGNS

DRAWING: N09-300r001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300

DATE: Jan 30, 2019

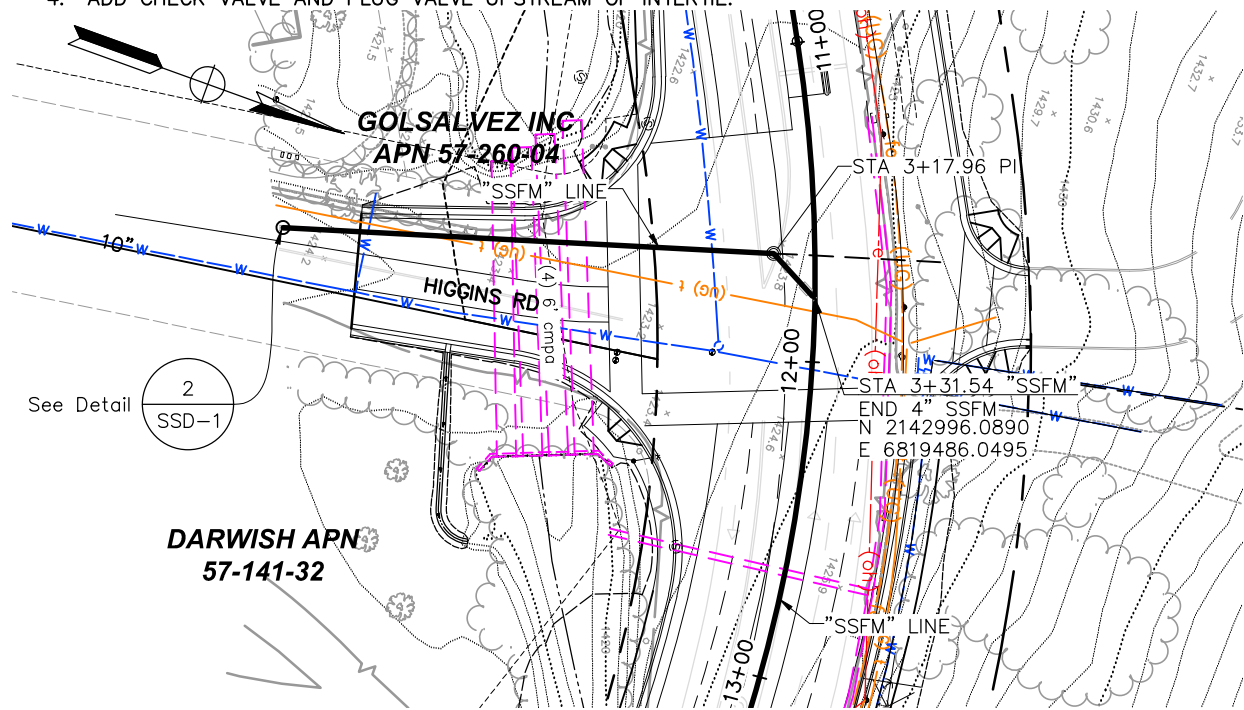
SHEET
CS-1
61 OF 102 SHEETS

NOTES:

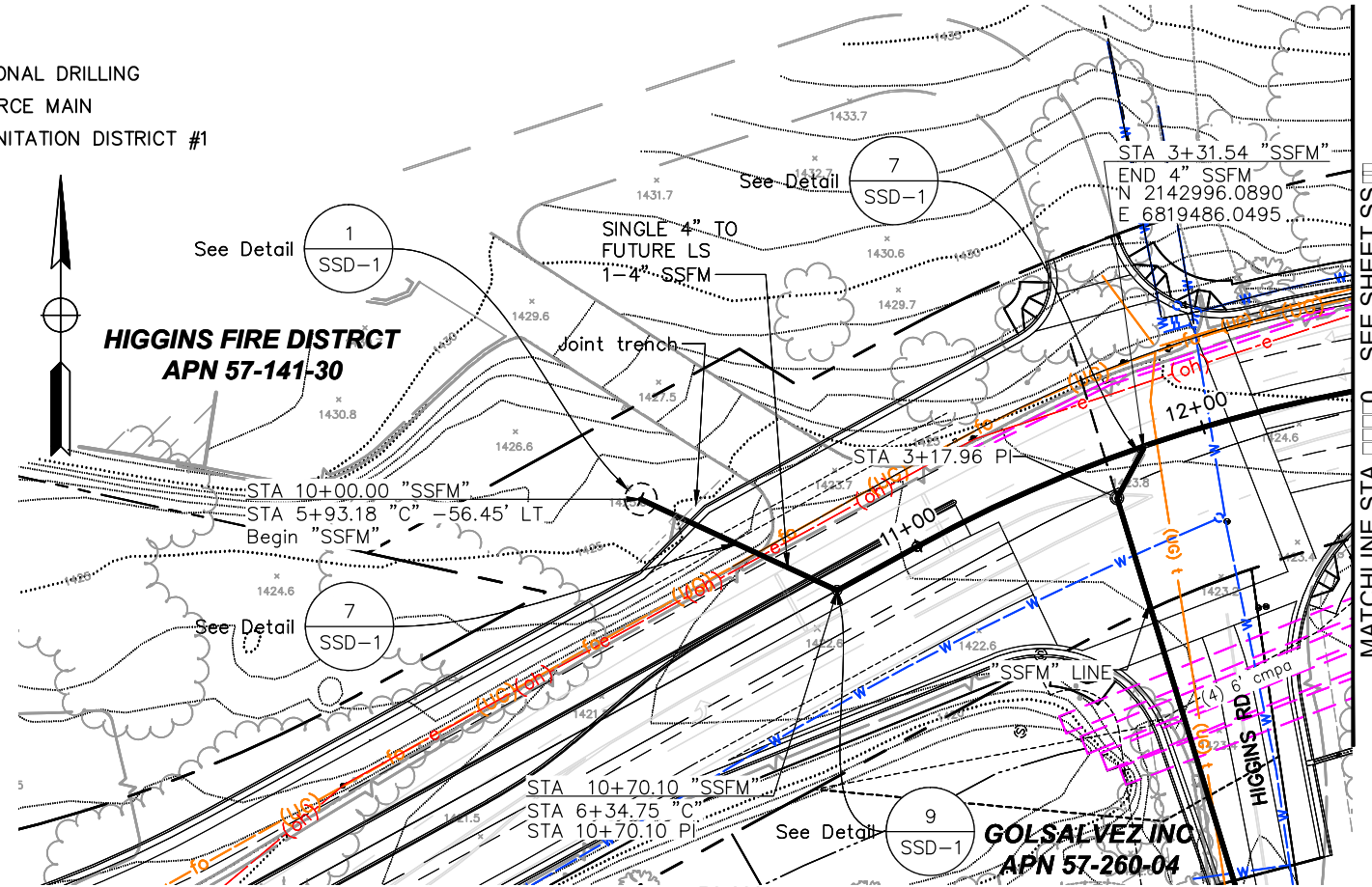
1. FORCE MAIN CROSSING CULVERTS, AND ALL AREAS WITH LESS THAN 36" COVER, SHALL HAVE 6" SAND BEDDING AND SLURRY BACKFILL.
2. CONTRACTOR TO CONFIRM TOP OF CULVERTS ELEVATION. PLACE PVC SSFM IN STEEL CASING (6" OR 8") OVER CULVERTS. EXTEND CASING 2 FEET BEYOND CULVERTS, NORTH AND SOUTH.
3. SEWER CROSSING WATERLINE SHALL NOT HAVE JOINTS LOCATED LESS THAN 10 FEET EACH SIDE OF WATERLINE, PER STATE GUIDELINES AND HAVE 12" VERTICAL CLEARANCE MIN.
4. ADD CHECK VALVE AND PLUG VALVE UPSTREAM OF INTERTIE.

ABBREVIATIONS:

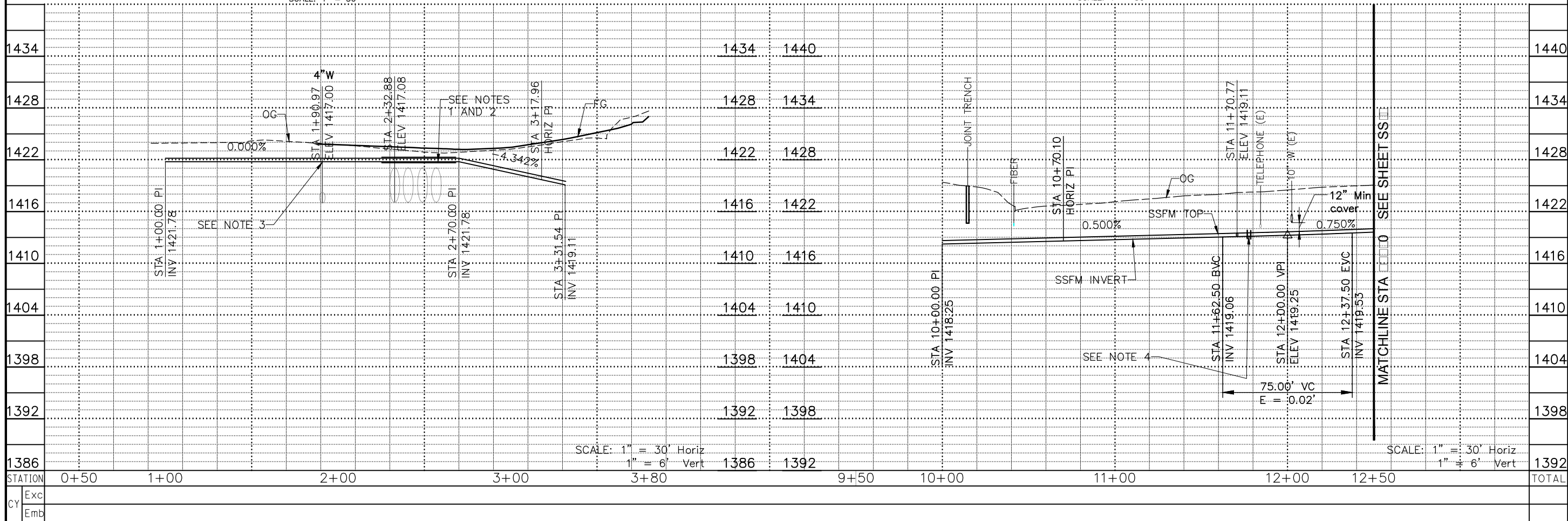
- HDD - HORIZONTAL DIRECTIONAL DRILLING
 SSFM - SANITARY SEWER FORCE MAIN
 NCSD1 - NEVADA COUNTY SANITATION DISTRICT #1
 (E) - EXISTING



PLAN
SCALE: 1" = 30'



PLAN
SCALE: 1" = 30'



SCALE: 1" = 30' Horiz
1" = 6' Vert

SCALE: 1" = 30' Horiz
1" = 6' Vert

STATION	0+50	1+00	2+00	3+00	3+80	9+50	10+00	11+00	12+00	12+50	TOTAL
Exc											
Emb											

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



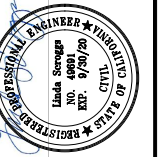
COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 SEWER PLAN AND PROFILE
 STA BEGIN TO STA 12+50

DRAWING: N09-300hd007.dwg
 DESIGNED: LS
 DRAWN: DCP
 CHECKED: DTK
 JOB NO: N09-300
 DATE: Feb 4, 2019

SHEET
SS-1
 62 OF 102 SHEETS

REVISIONS

NO.	DESCRIPTION	BY	DATE



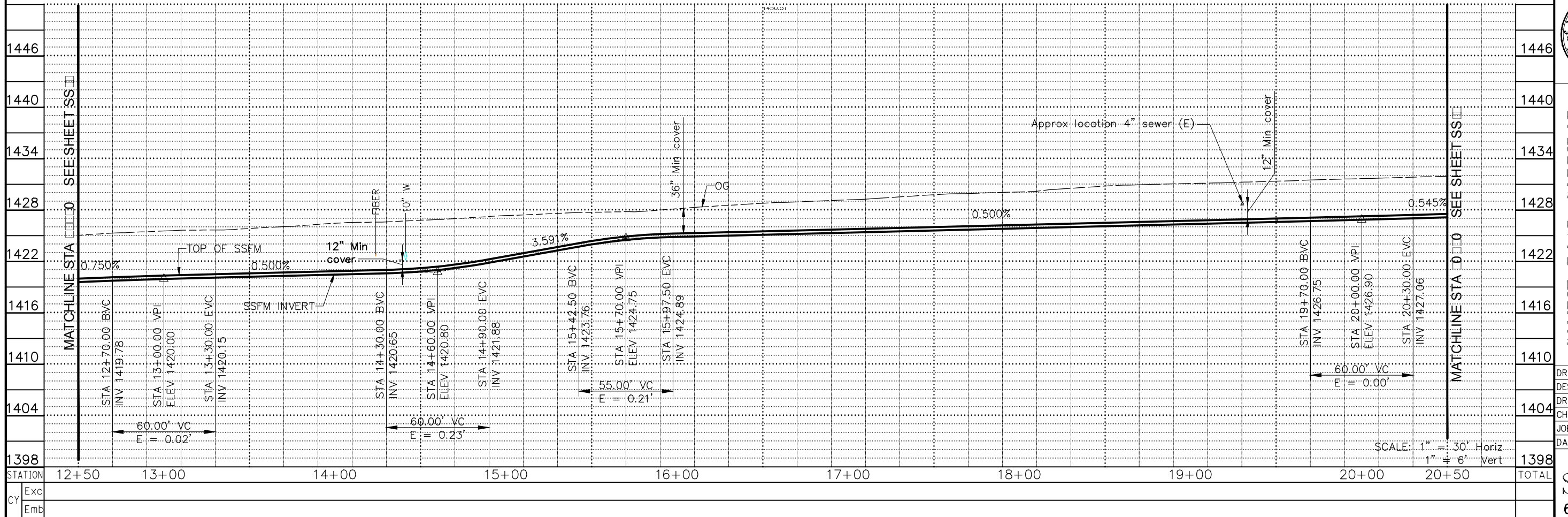
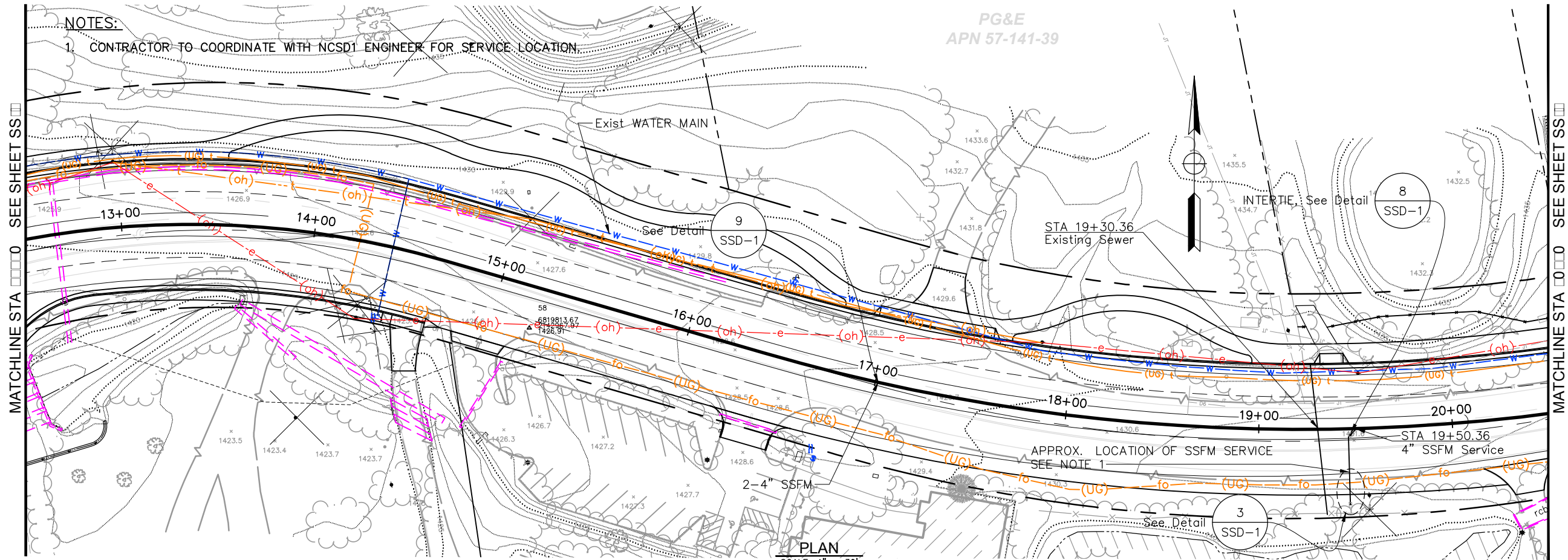
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
SEWER PLAN AND PROFILE
STA 12+50 TO STA 20+50

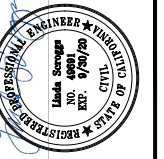
DRAWING: N09-300r008.dwg
DESIGNED: LS
DRAWN: DCP
CHECKED: DTK
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
SS-2
63 OF 102 SHEETS



REVISIONS

NO.	DESCRIPTION	BY	DATE



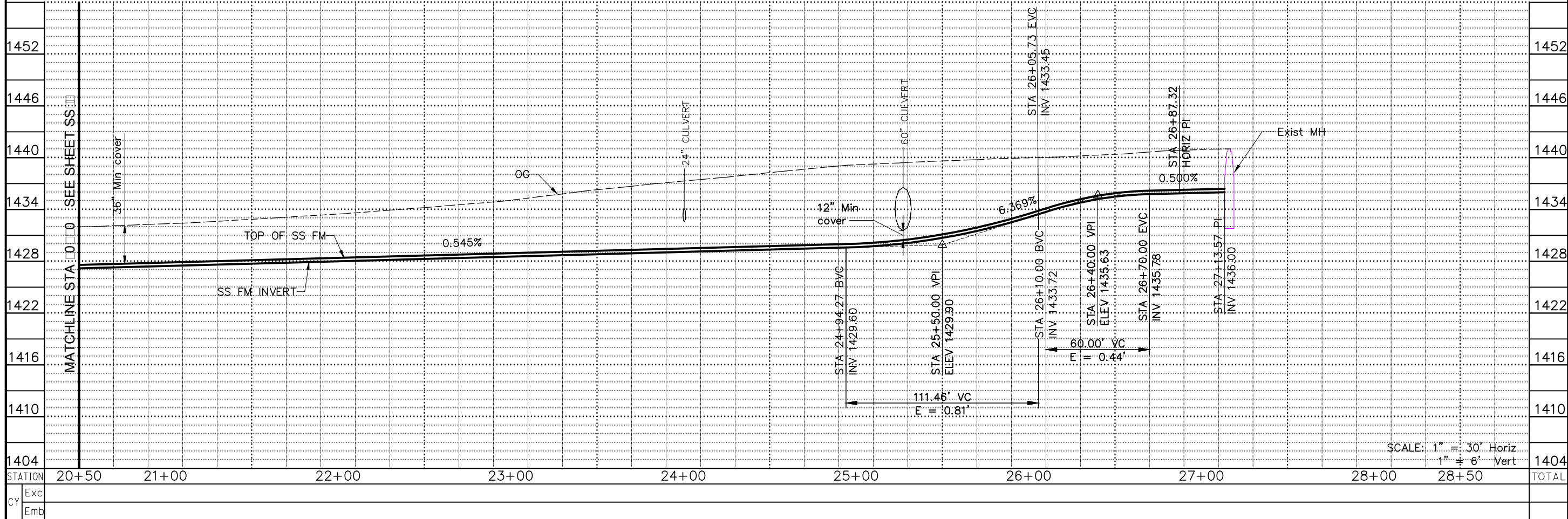
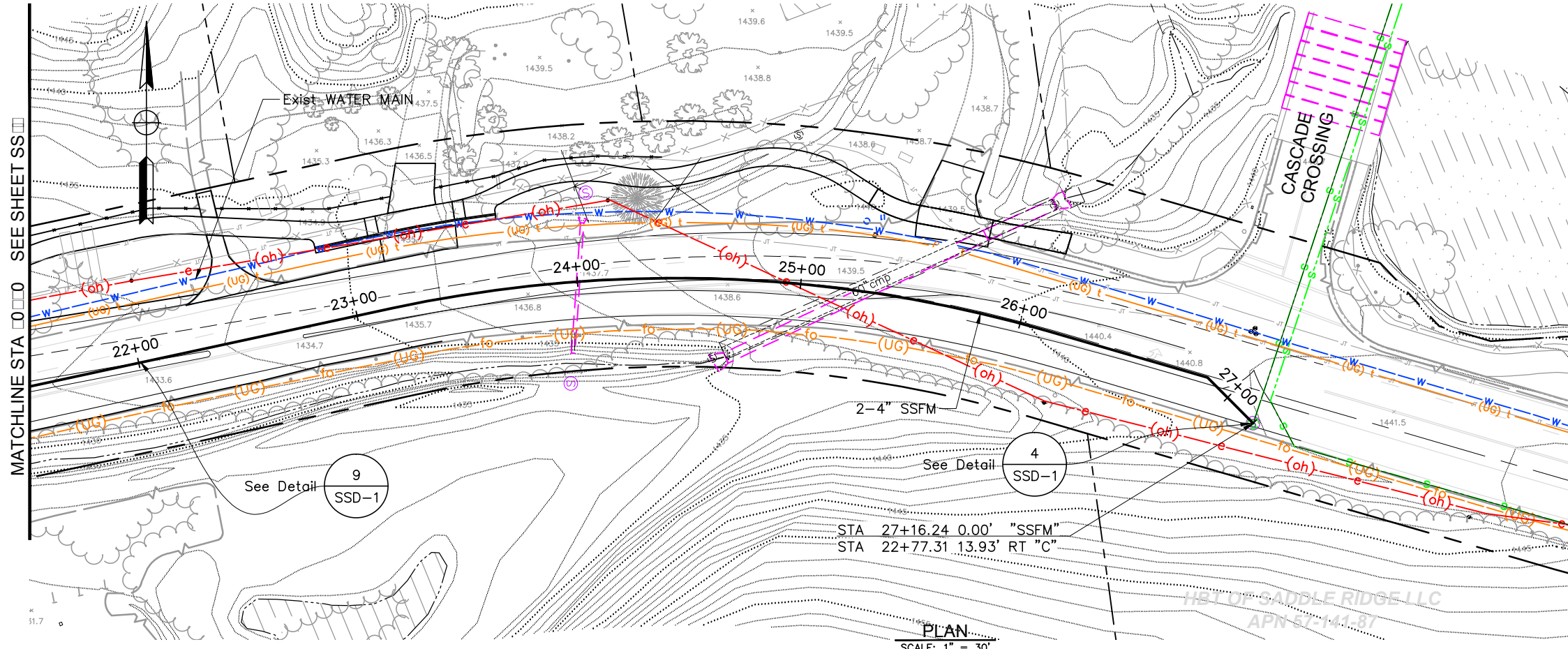
NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



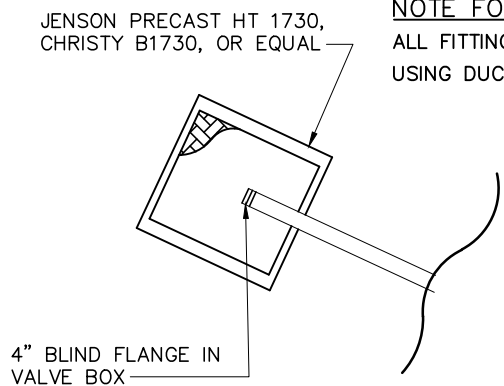
COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 SEWER PLAN AND PROFILE
 STA 20+50 TO STA 28+50

DRAWING: N09-300r0009.dwg
 DESIGNED: LS
 DRAWN: DCP
 CHECKED: DTK
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
SS-3
 64 OF 102 SHEETS

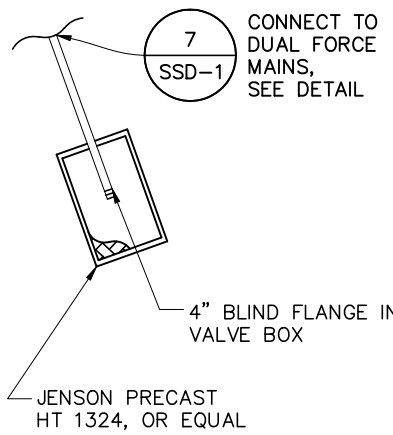


STATION	Exc	Emb	TOTAL
20+50			
21+00			
22+00			
23+00			
24+00			
25+00			
26+00			
27+00			
28+00			
28+50			
TOTAL			

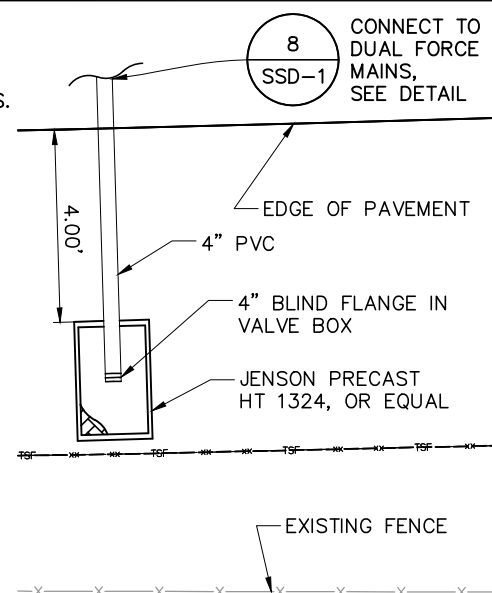


DETAIL 1
NTS SS-1

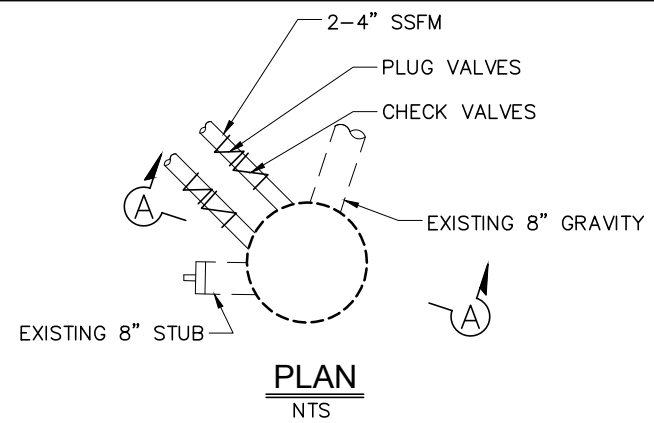
NOTE FOR FORCE MAIN:
ALL FITTINGS AND JOINTS SHALL HAVE RESTRAINED JOINTS, USING DUCTILE IRON HARNESS - TYPE RESTRAINT PER THE SPECIFICATIONS.



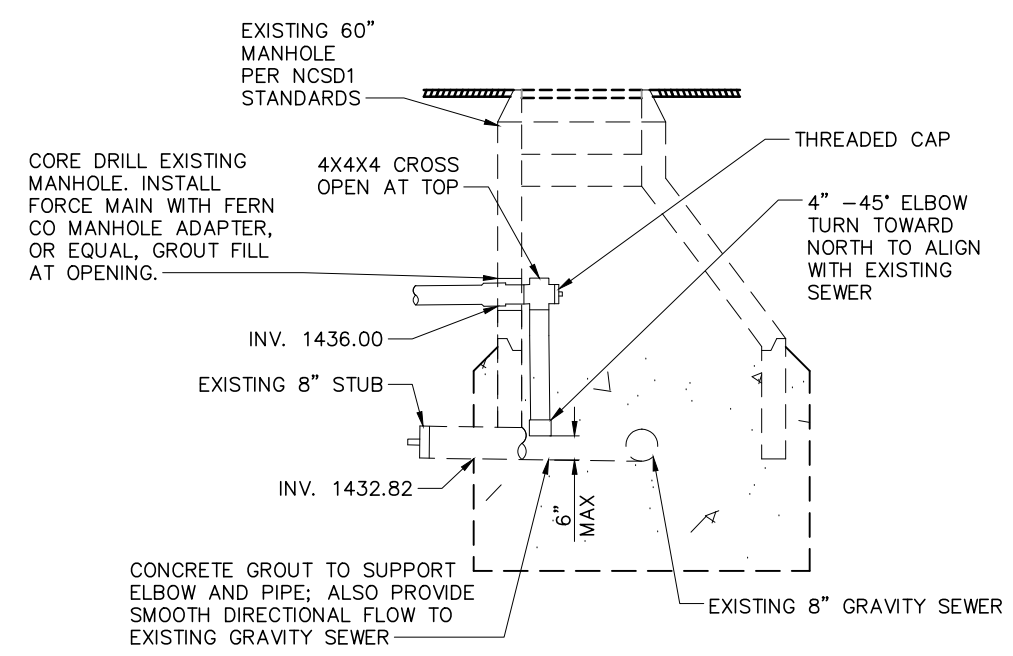
DETAIL 7
NTS SS-1



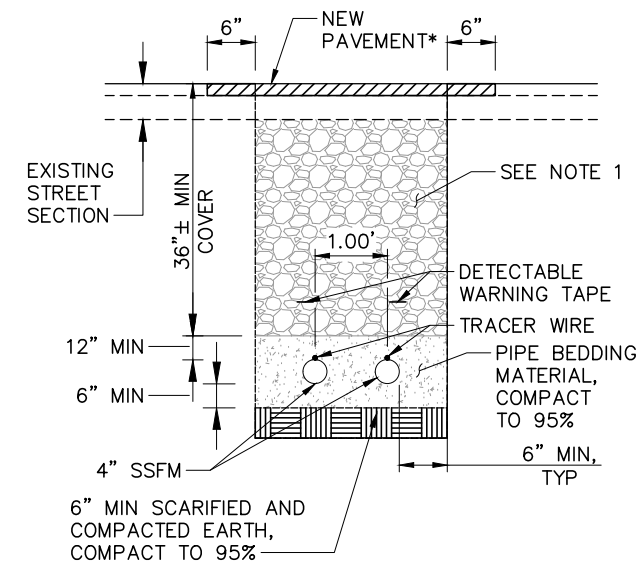
DETAIL 8
NTS SS-2



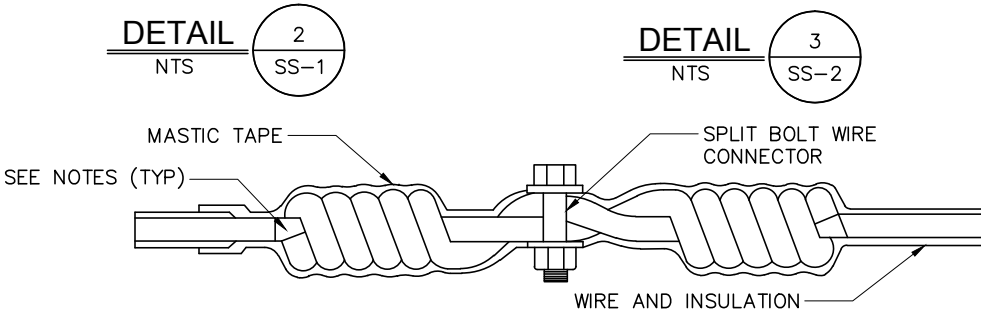
PLAN
NTS



SECTION A-A
NTS

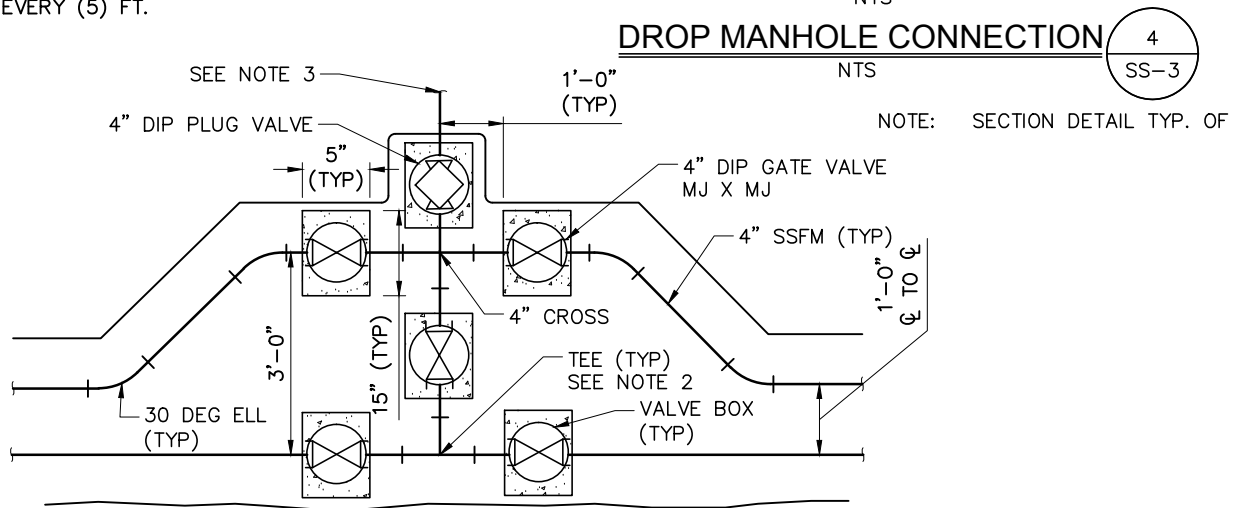


NOTE:
1. BACKFILL FOR TRENCHING WITHIN CALTRANS RIGHT-OF-WAY SHALL BE CI 2 AB OR SLURRY AS SPECIFIED BY THE ENGINEER.



NOTES:
1. TWIST THE WIRE A MINIMUM OF (5) TIMES ON EACH END.
2. INSTALL SPLIT BOLT CONNECTOR.
3. COVER THE ENTIRE SPLICE WITH MASTIC TAPE WRAP.
4. WRAP WITH MASTIC VINYL TAPE.
5. SOLDER ENDS.
6. LAY TRACER WIRE ON PIPE CROWN AND TAPE TO PIPE EVERY (5) FT.

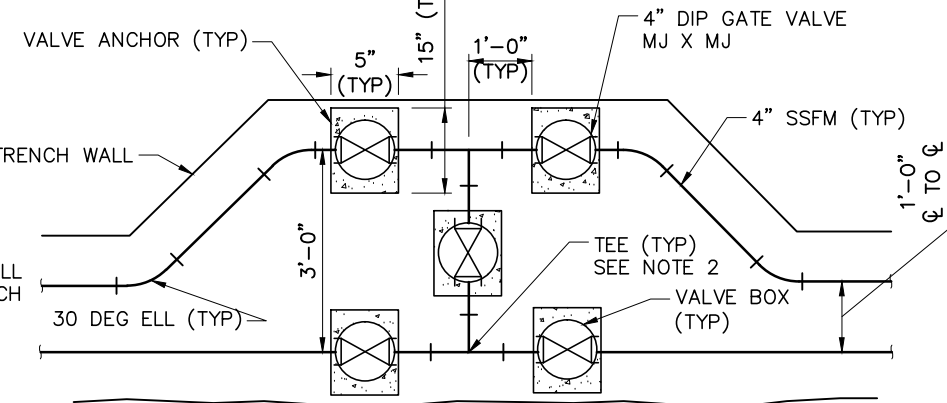
TRACER WIRE SPLICE DETAIL
NTS SS-2



NOTES:
1. ELL SHALL BE LOCATED ON ALTERNATING FORCE MAIN INTERTIES.
2. STA LOCATION INDICATED ON THE PLAN AND PROFILE DRAWING IS CENTERLINE OF BRANCH TEE.
3. INSTALL CHECK VALVES ON SERVICE BEFORE INTERTIE.
4. VALVES, RISERS AND ANCHORS PER NCSD1 STANDARDS.

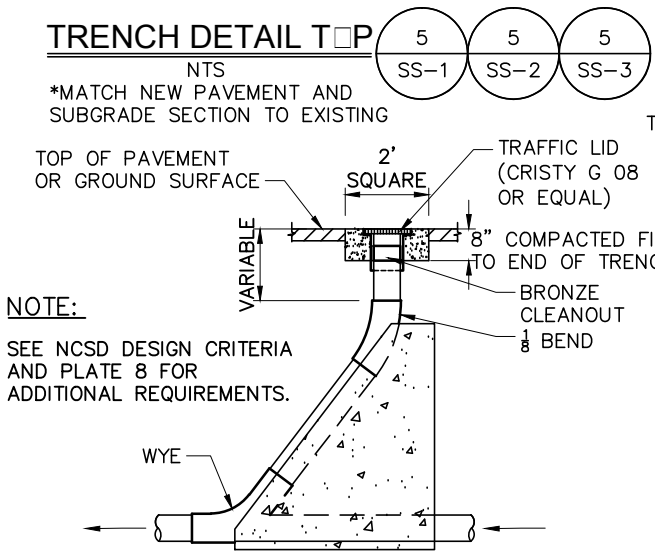
SCALE: AS SHOWN

DUAL FORCE MAIN INTERTIE AND SERVICE CONNECTION DETAIL
NTS SS-2



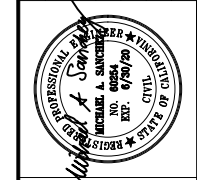
NOTES:
1. ELL SHALL BE LOCATED ON ALTERNATING FORCE MAIN INTERTIES.
2. STA LOCATION INDICATED ON THE PLAN AND PROFILE DRAWING IS CENTERLINE OF BRANCH TEE.
3. VALVES, RISERS AND ANCHORS PER NCSD1 STANDARDS.

DUAL FORCE MAIN INTERTIE DETAIL
NTS SS-2



PRESSURE CLEANOUT DETAIL
NTS SS-1

REVISIONS	
NO.	DESCRIPTION



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
SEWER DETAILS

DRAWING: N09-300ra010.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 31, 2019

NOTES:

1. THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY.
2. ALL STRIPING SHOWN ON STAGE CONSTRUCTION AND TRAFFIC HANDLING PLANS SHALL BE TEMPORARY TRAFFIC STRIPE (PAINT).
3. CONTRACTOR SHALL NOT PLACE FINAL HMA LIFT UNTIL ALL STAGING IS COMPLETE AND AS DIRECTED BY THE ENGINEER.
4. ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.
5. SAFETY WEDGE TO BE USED DURING NON-WORKING HOURS.

CONSTRUCTION STAGE

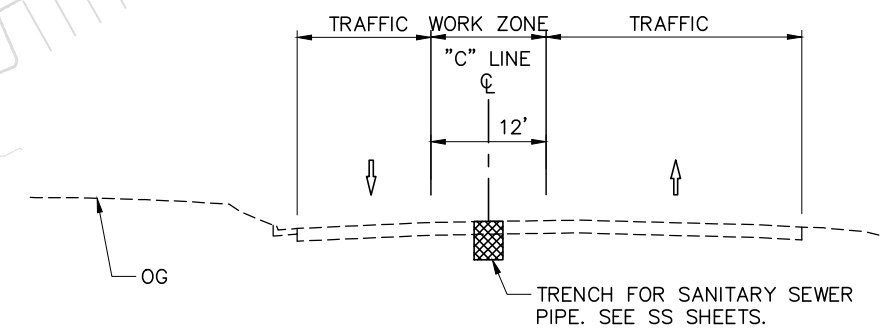
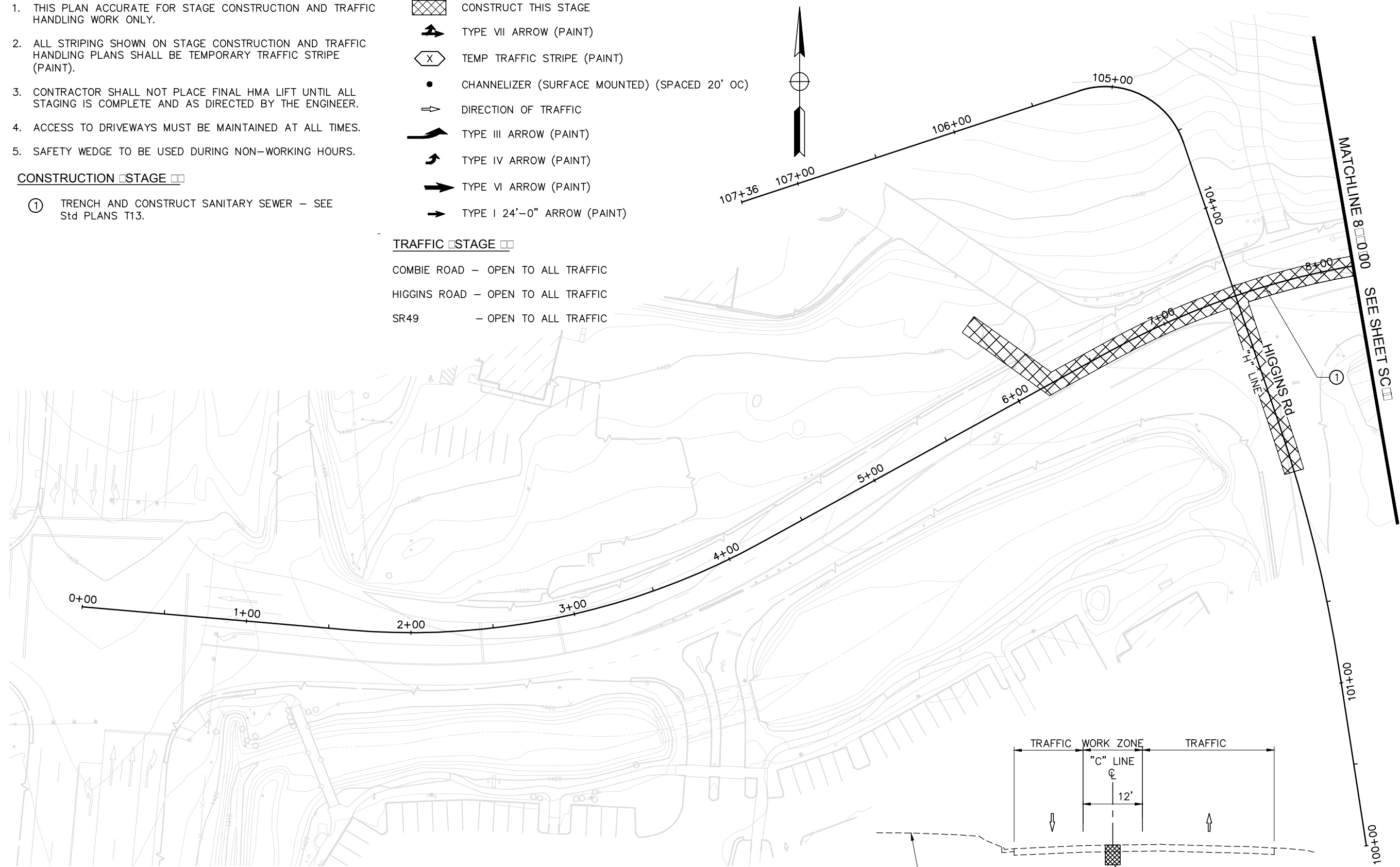
- ① TRENCH AND CONSTRUCT SANITARY SEWER – SEE Std PLANS T13.

LEGEND:

- CONSTRUCT THIS STAGE
- TYPE VII ARROW (PAINT)
- TEMP TRAFFIC STRIPE (PAINT)
- CHANNELIZER (SURFACE MOUNTED) (SPACED 20' OC)
- DIRECTION OF TRAFFIC
- TYPE III ARROW (PAINT)
- TYPE IV ARROW (PAINT)
- TYPE VI ARROW (PAINT)
- TYPE I 24'-0" ARROW (PAINT)

TRAFFIC STAGE

- COMBIE ROAD – OPEN TO ALL TRAFFIC
- HIGGINS ROAD – OPEN TO ALL TRAFFIC
- SR49 – OPEN TO ALL TRAFFIC

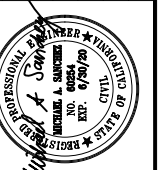


**COMBIE ROAD
TYPICAL CROSS SECTION**
NO SCALE

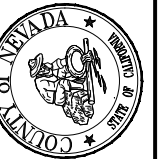
STAGE 1
SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



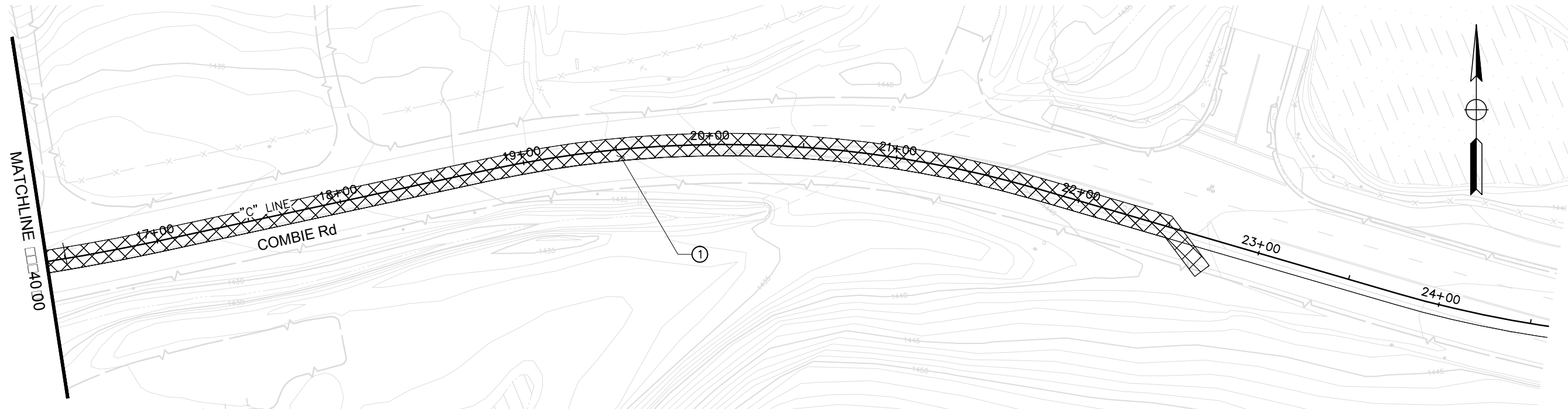
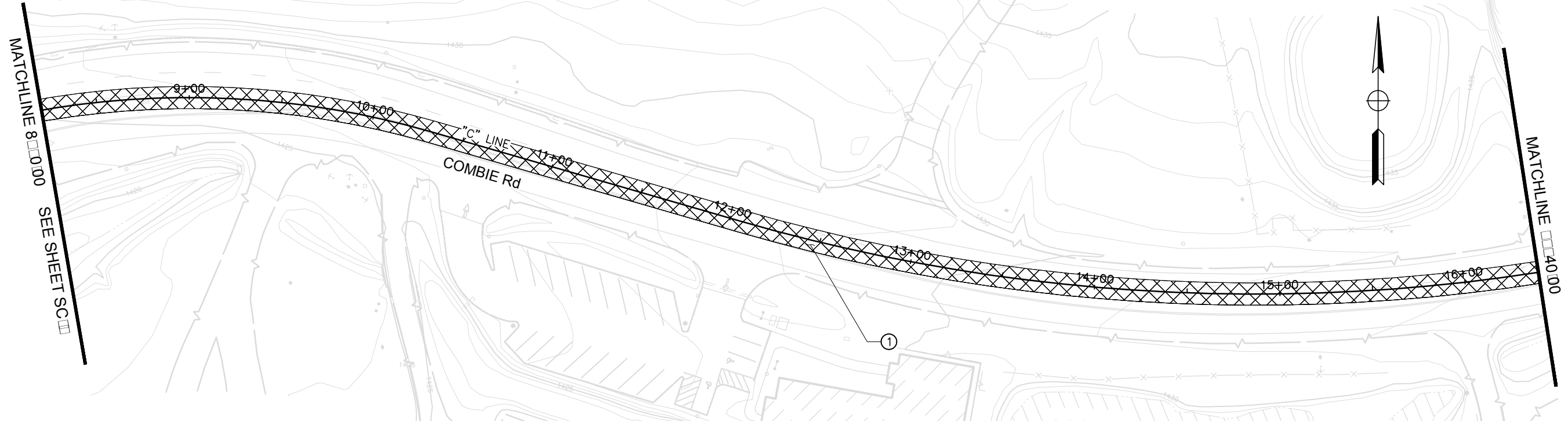
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

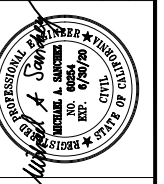
SHEET
SC-1
66 OF 102 SHEETS



STAGE 1
SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m002.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

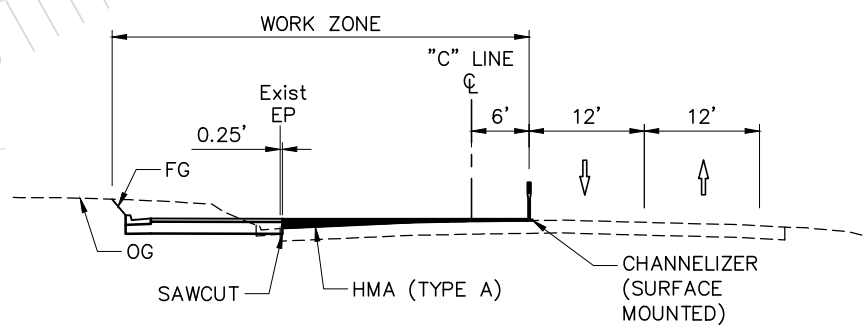
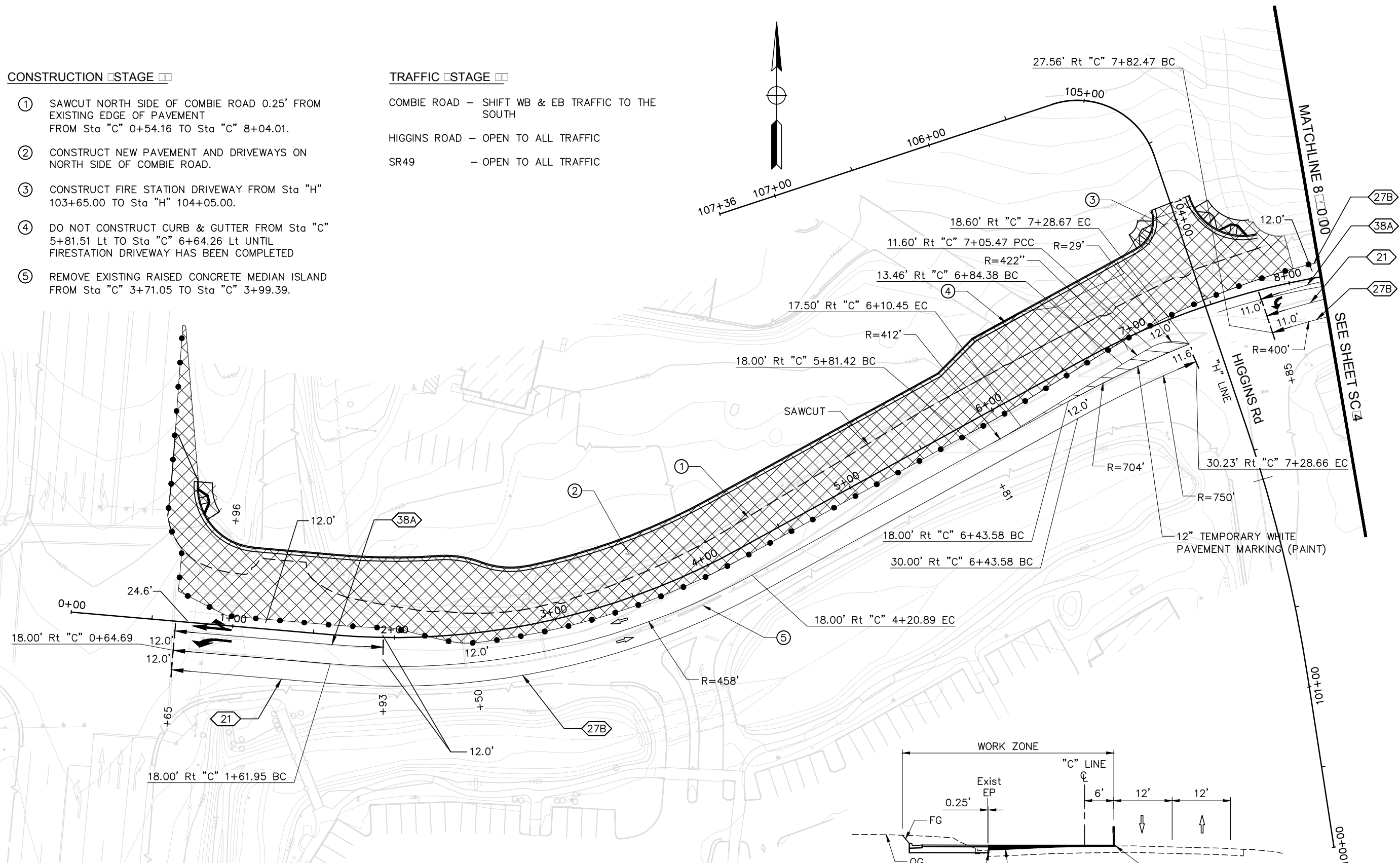
SHEET
SC-2
67 of 102 SHEETS

CONSTRUCTION STAGE

- ① SAWCUT NORTH SIDE OF COMBIE ROAD 0.25' FROM EXISTING EDGE OF PAVEMENT FROM Sta "C" 0+54.16 TO Sta "C" 8+04.01.
- ② CONSTRUCT NEW PAVEMENT AND DRIVEWAYS ON NORTH SIDE OF COMBIE ROAD.
- ③ CONSTRUCT FIRE STATION DRIVEWAY FROM Sta "H" 103+65.00 TO Sta "H" 104+05.00.
- ④ DO NOT CONSTRUCT CURB & GUTTER FROM Sta "C" 5+81.51 Lt TO Sta "C" 6+64.26 Lt UNTIL FIRESTATION DRIVEWAY HAS BEEN COMPLETED
- ⑤ REMOVE EXISTING RAISED CONCRETE MEDIAN ISLAND FROM Sta "C" 3+71.05 TO Sta "C" 3+99.39.

TRAFFIC STAGE

- COMBIE ROAD - SHIFT WB & EB TRAFFIC TO THE SOUTH
- HIGGINS ROAD - OPEN TO ALL TRAFFIC
- SR49 - OPEN TO ALL TRAFFIC



**COMBIE ROAD
TYPICAL CROSS SECTION**
NO SCALE

STAGE 2
SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE

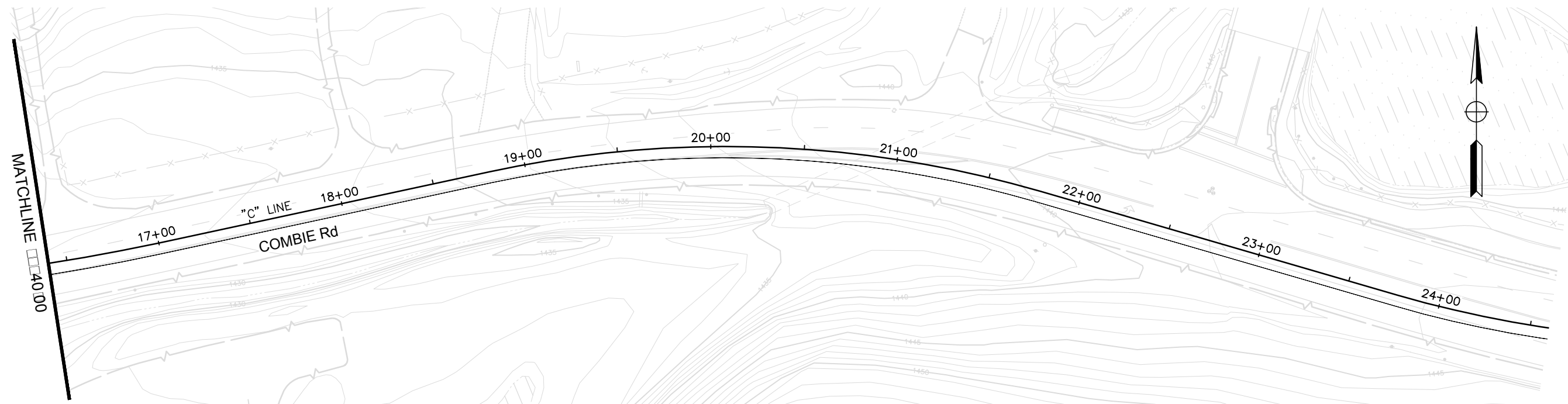
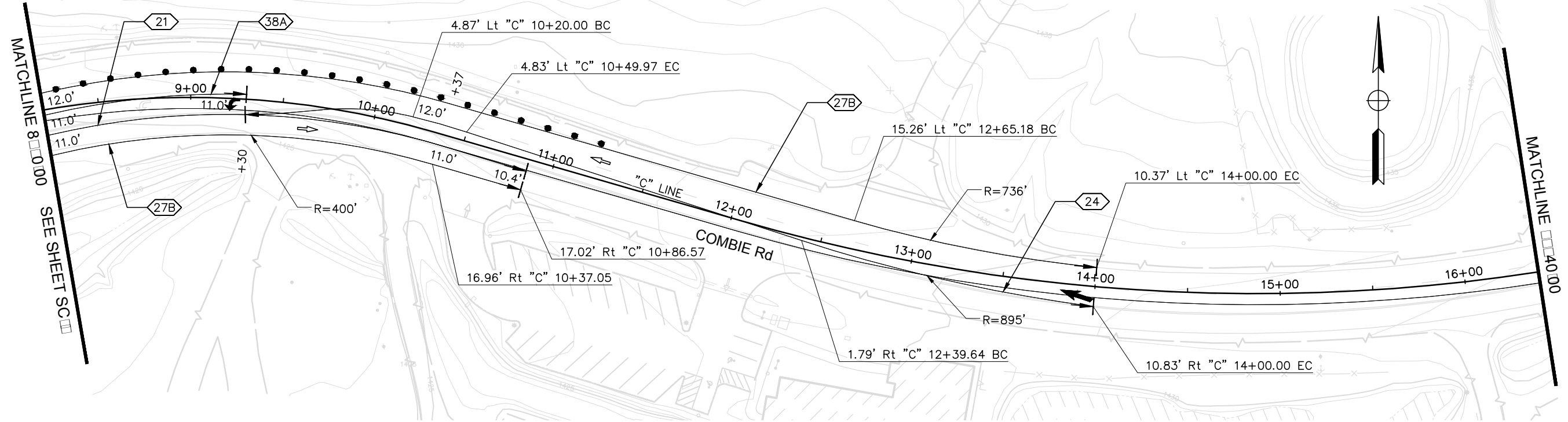


NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

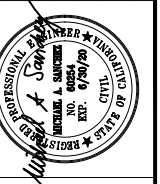
DRAWING: N09-300m003.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Feb 1, 2019



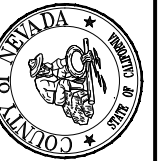
STAGE 2
SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m004.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
SC-4
69 OF 102 SHEETS

CONSTRUCTION STAGE

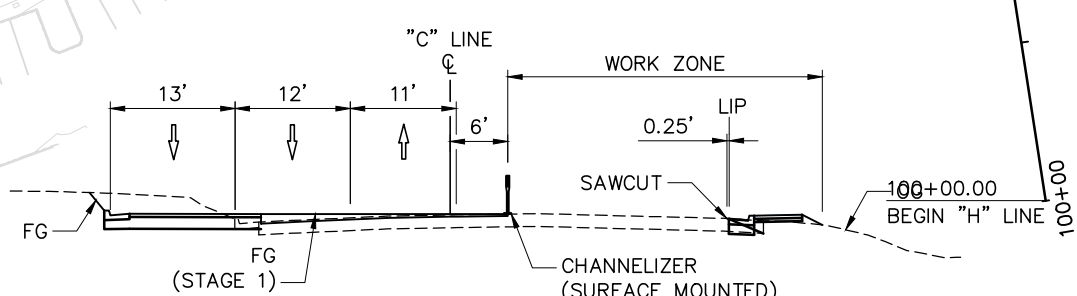
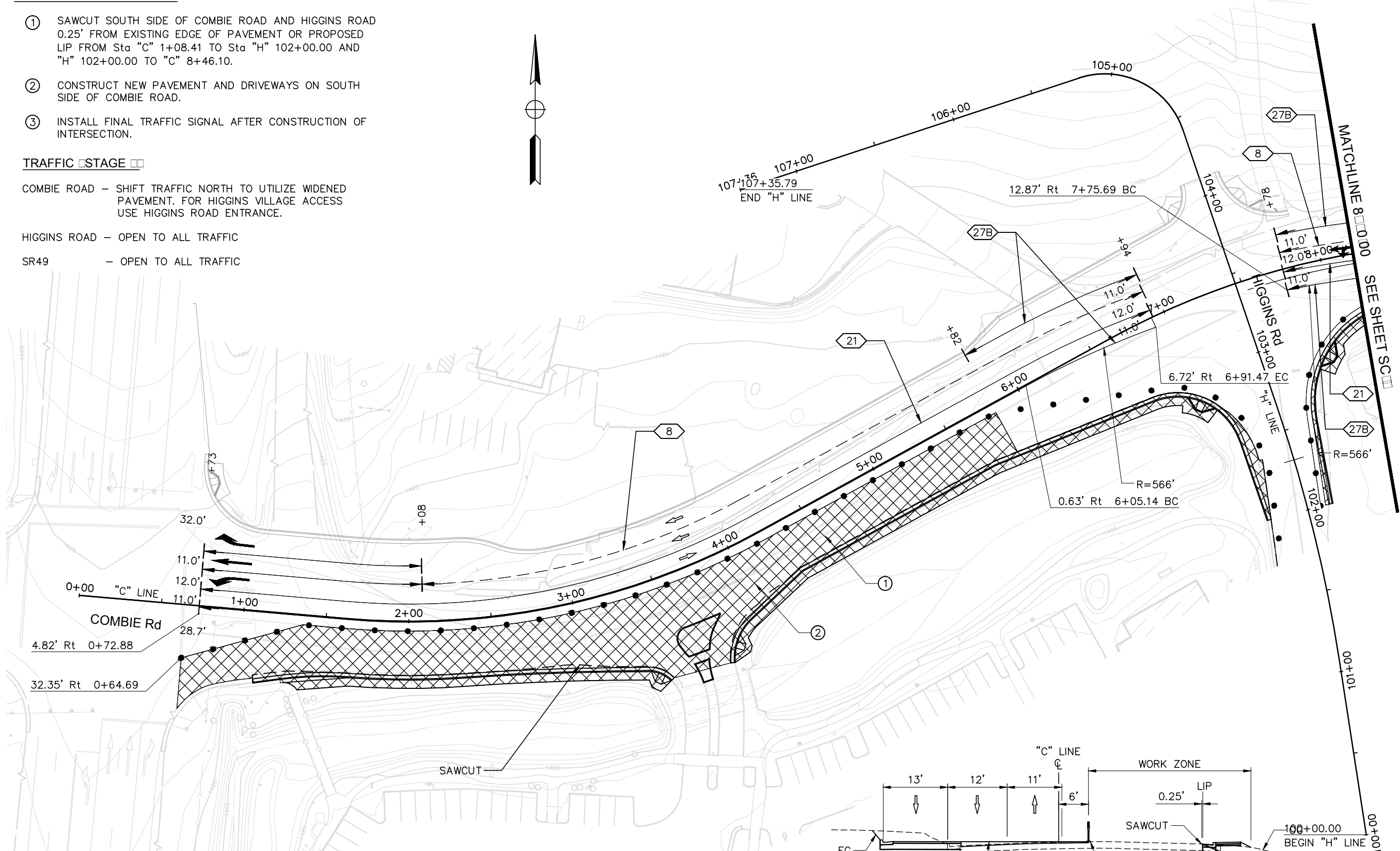
- ① SAWCUT SOUTH SIDE OF COMBIE ROAD AND HIGGINS ROAD 0.25' FROM EXISTING EDGE OF PAVEMENT OR PROPOSED LIP FROM Sta "C" 1+08.41 TO Sta "H" 102+00.00 AND "H" 102+00.00 TO "C" 8+46.10.
- ② CONSTRUCT NEW PAVEMENT AND DRIVEWAYS ON SOUTH SIDE OF COMBIE ROAD.
- ③ INSTALL FINAL TRAFFIC SIGNAL AFTER CONSTRUCTION OF INTERSECTION.

TRAFFIC STAGE

COMBIE ROAD – SHIFT TRAFFIC NORTH TO UTILIZE WIDENED PAVEMENT. FOR HIGGINS VILLAGE ACCESS USE HIGGINS ROAD ENTRANCE.

HIGGINS ROAD – OPEN TO ALL TRAFFIC

SR49 – OPEN TO ALL TRAFFIC



COMBIE ROAD TYPICAL CROSS SECTION
NO SCALE

STAGE 3
SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE

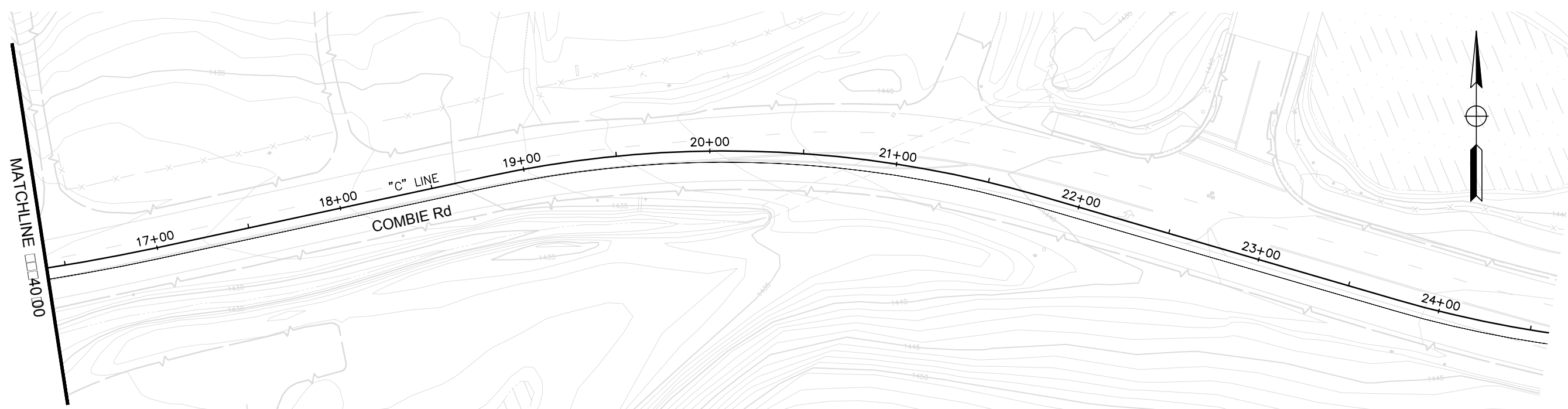
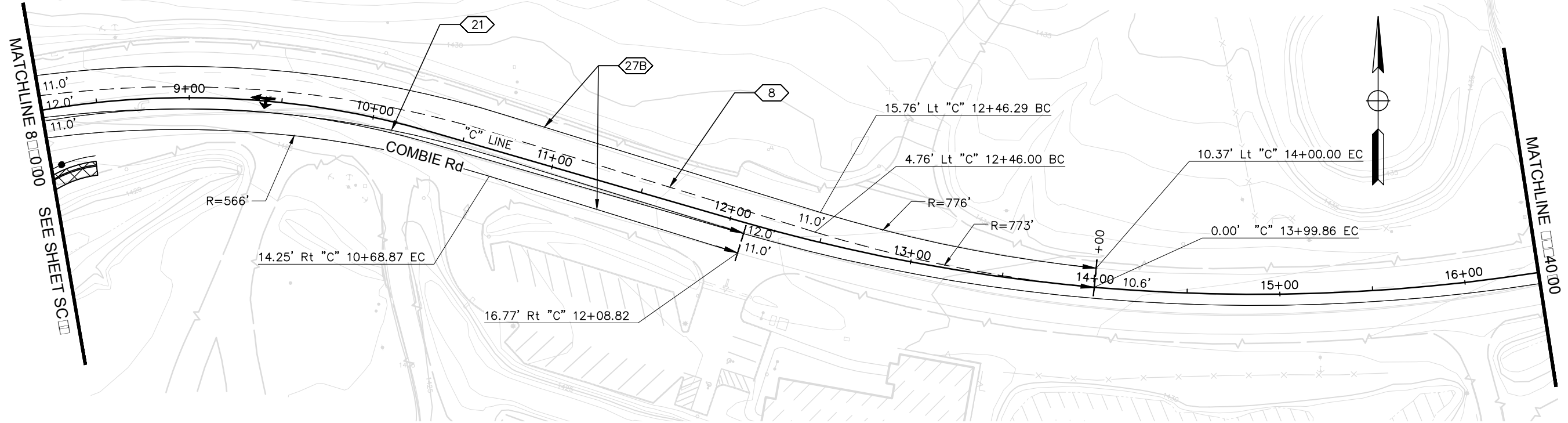


NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m005.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019



STAGE 3
SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m006.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

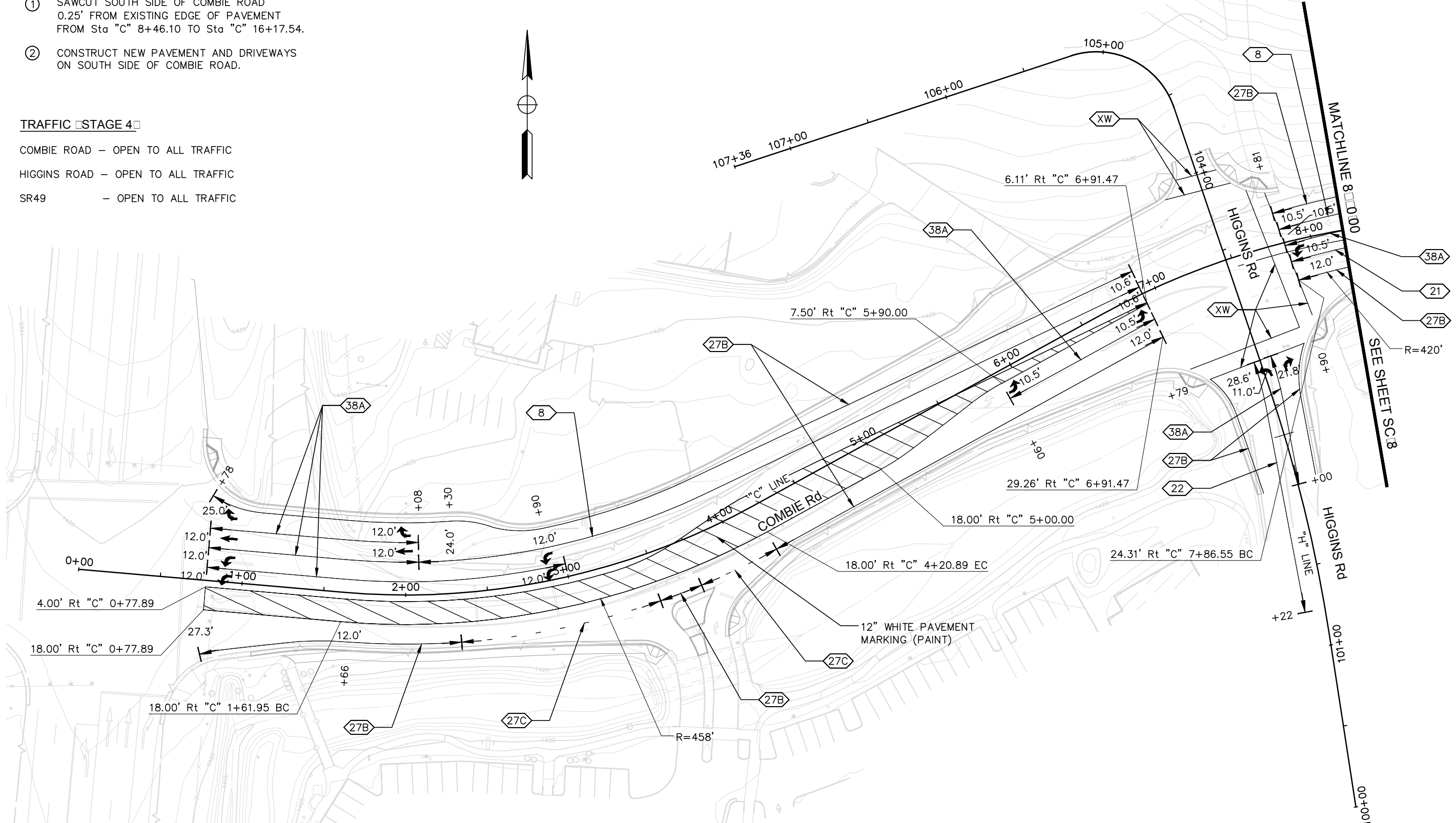
SHEET
SC-6
71 OF 102 SHEETS

CONSTRUCTION [STAGE 4]

- ① SAWCUT SOUTH SIDE OF COMBIE ROAD
0.25' FROM EXISTING EDGE OF PAVEMENT
FROM Sta "C" 8+46.10 TO Sta "C" 16+17.54.
- ② CONSTRUCT NEW PAVEMENT AND DRIVEWAYS
ON SOUTH SIDE OF COMBIE ROAD.

TRAFFIC [STAGE 4]

COMBIE ROAD - OPEN TO ALL TRAFFIC
 HIGGINS ROAD - OPEN TO ALL TRAFFIC
 SR49 - OPEN TO ALL TRAFFIC



MATCHLINE 8+00.000

SEE SHEET SC.8

STAGE 4
SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



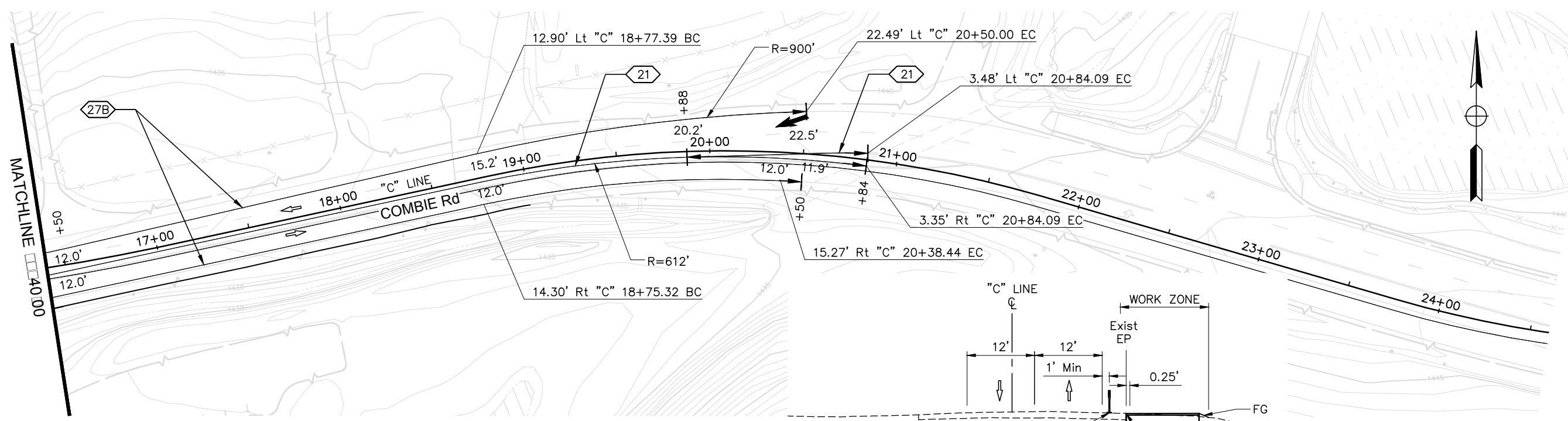
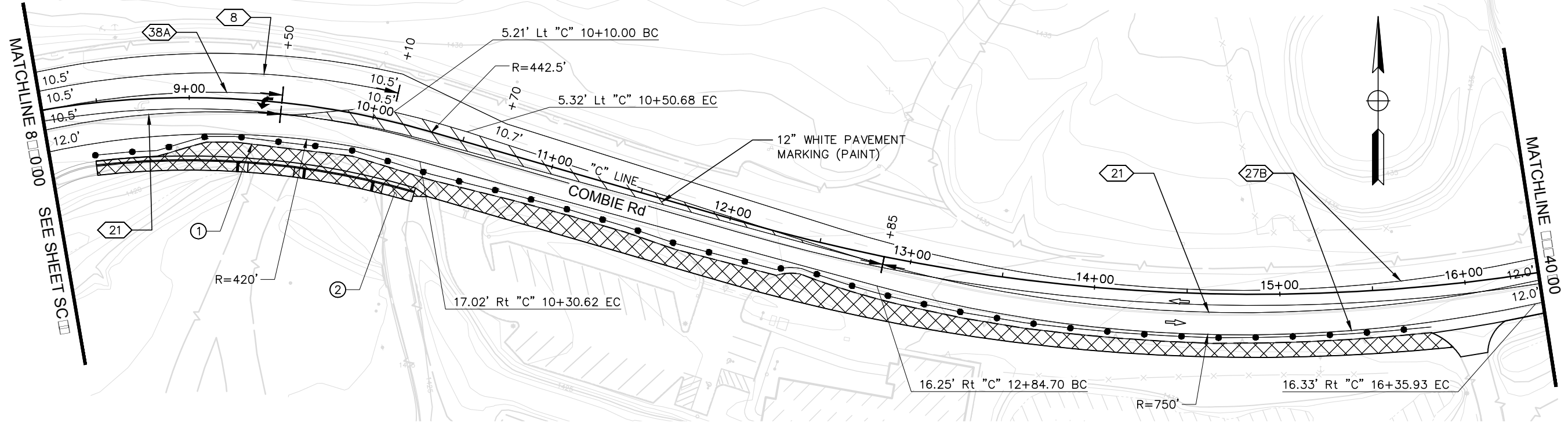
NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 STAGE CONSTRUCTION
 AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m007.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
 SC-7
 72 OF 102 SHEETS



**COMBIE ROAD
TYPICAL CROSS SECTION**
NO SCALE

STAGE 4
SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m008.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

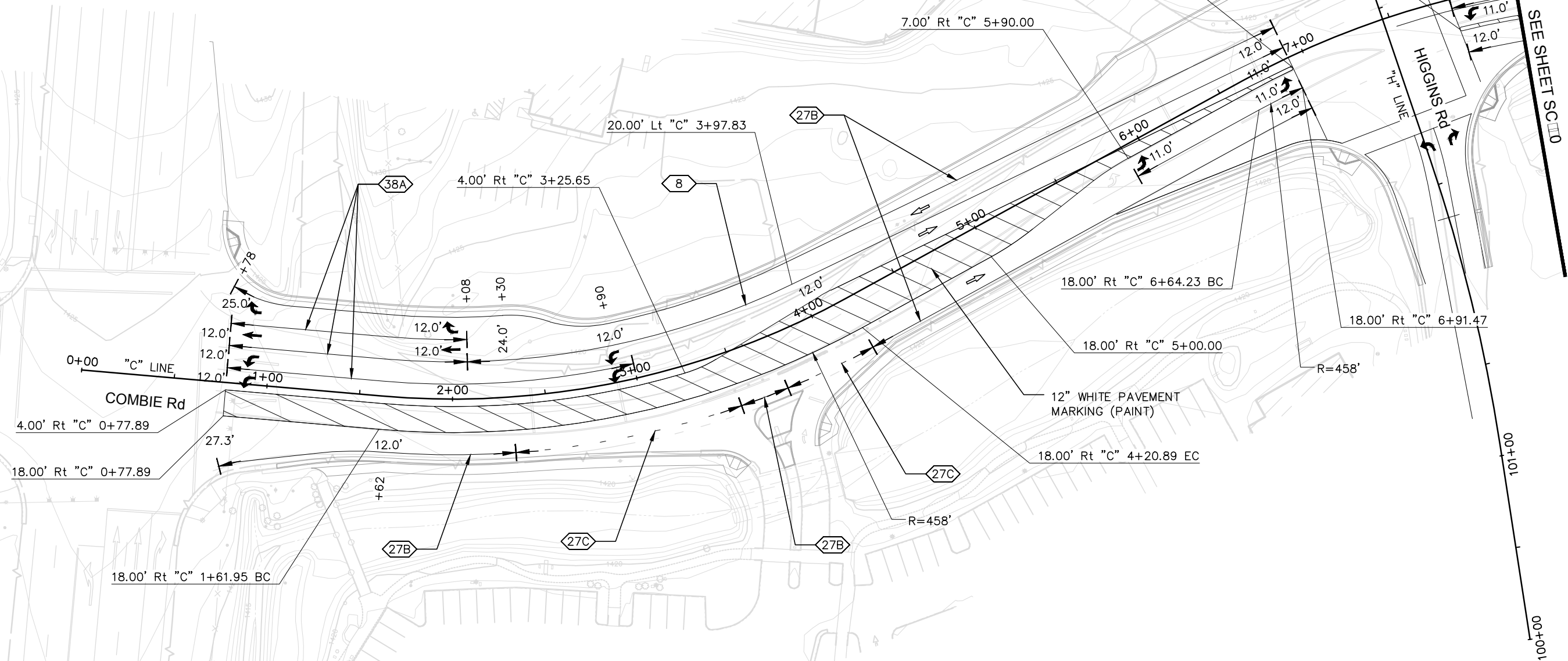
SHEET
SC-8
73 OF 102 SHEETS

CONSTRUCTION STAGE

- ① SAWCUT NORTH SIDE OF COMBIE ROAD 0.25' FROM EXISTING EDGE OF PAVEMENT FROM Sta "C" 8+04.01 TO Sta "C" 19+00.00
- ② CONSTRUCT NEW PAVEMENT AND DRIVEWAYS ON NORTH SIDE OF COMBIE ROAD
- ③ CONSTRUCT CURB, GUTTER AND SIDEWALK FROM Sta "C" 19+00.00 TO Sta "C" 21+75.86 AND Sta "C" 27+55.23 TO Sta "C" 43+49.81

TRAFFIC STAGE

COMBIE ROAD – TEMPORARY CLOSE RIGHT TURN LANE FOR WB COMBIE ROAD TO NB SR49
 HIGGINS ROAD – OPEN TO ALL TRAFFIC
 SR49 – OPEN TO ALL TRAFFIC

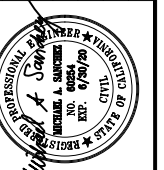


**COMBIE ROAD
 TYPICAL CROSS SECTION**
 NO SCALE

STAGE 5
 SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



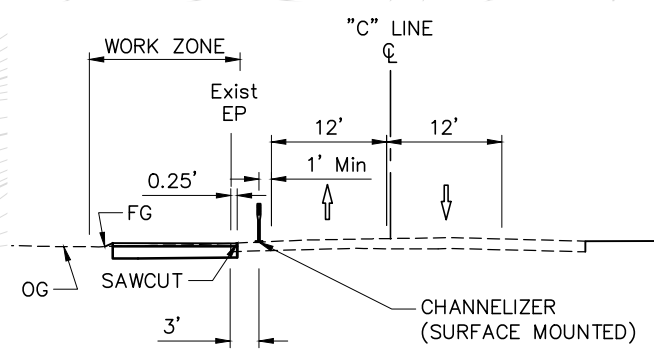
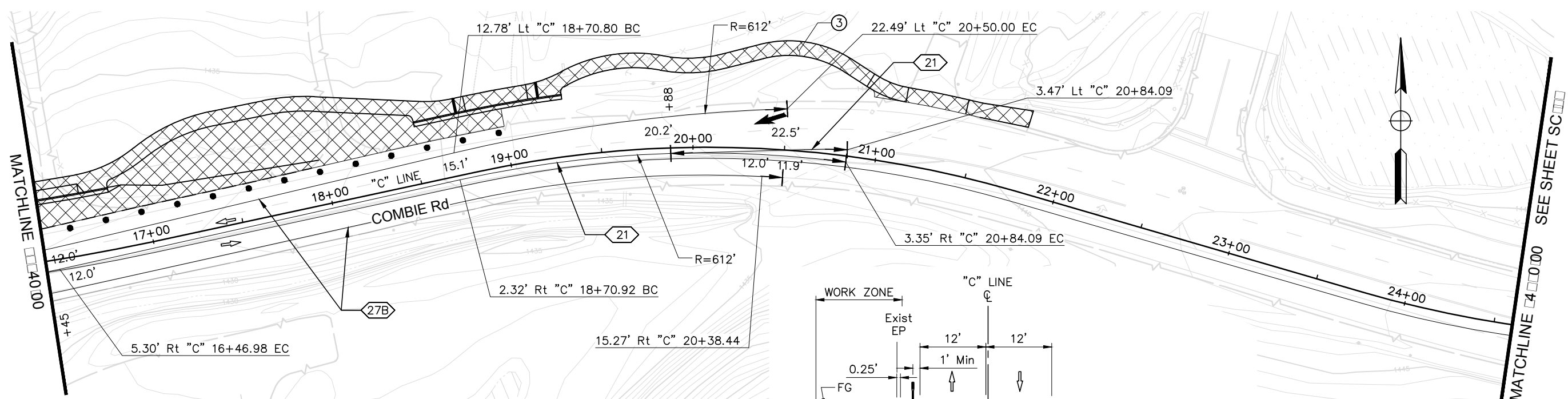
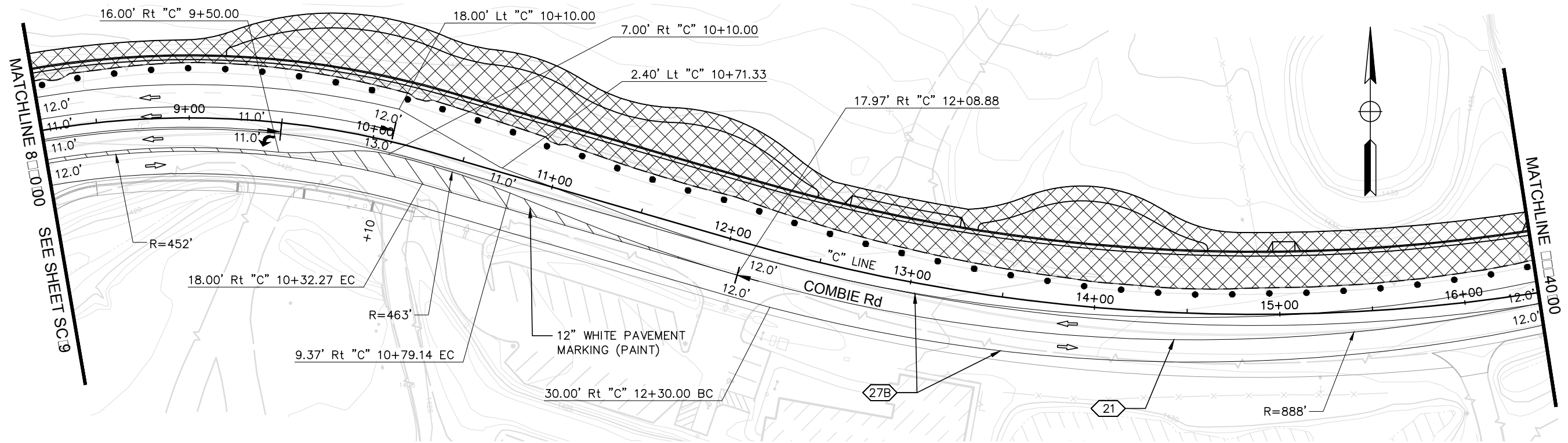
NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 STAGE CONSTRUCTION
 AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m009.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
SC-9
 74 OF 102 SHEETS



**COMBIE ROAD
TYPICAL CROSS SECTION**
NO SCALE

STAGE 5
SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE

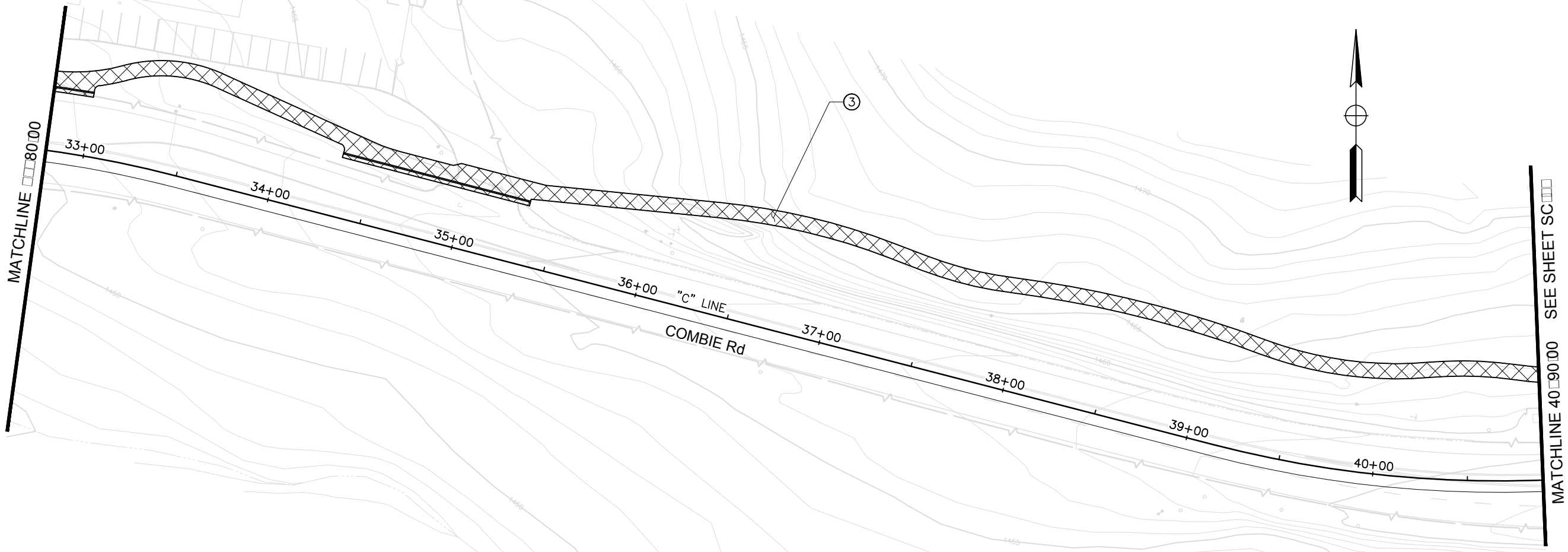
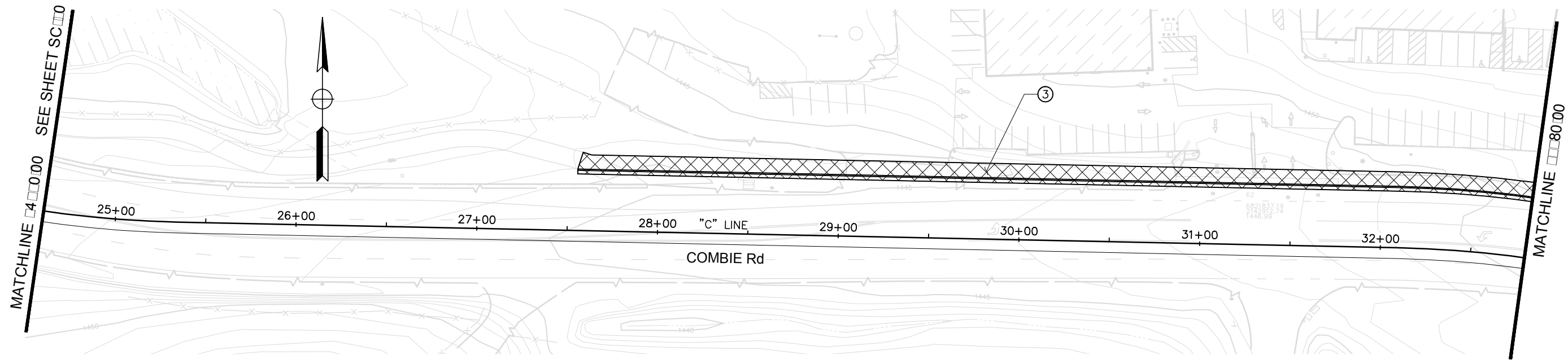


NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



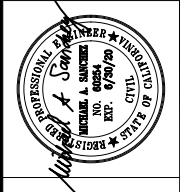
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m010.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019



STAGE 5
SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



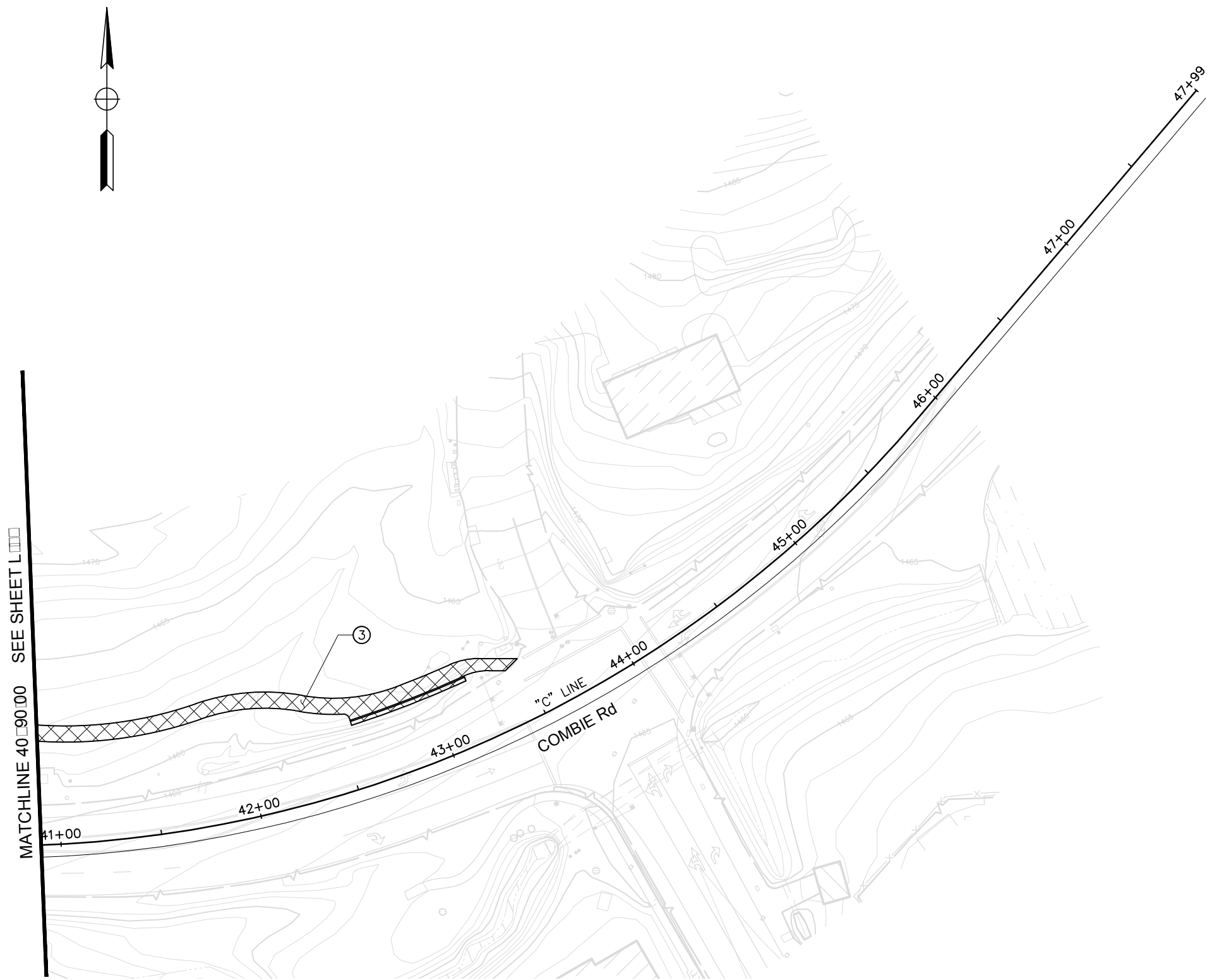
NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

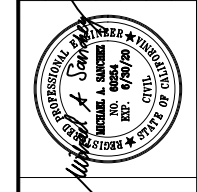
DRAWING: N09-300mod011.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
SC-11
76 OF 102 SHEETS



STAGE 5
SCALE : 1" = 30'

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m012.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

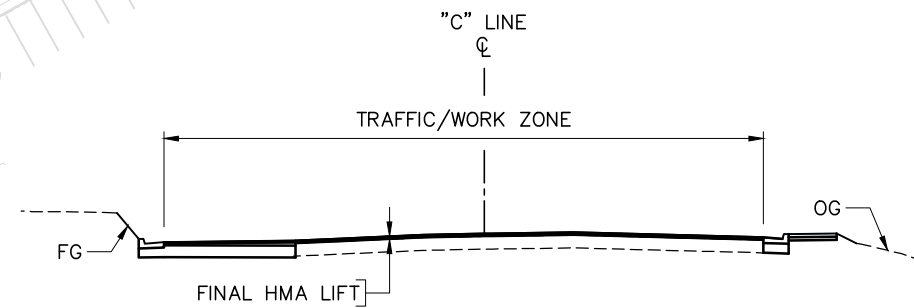
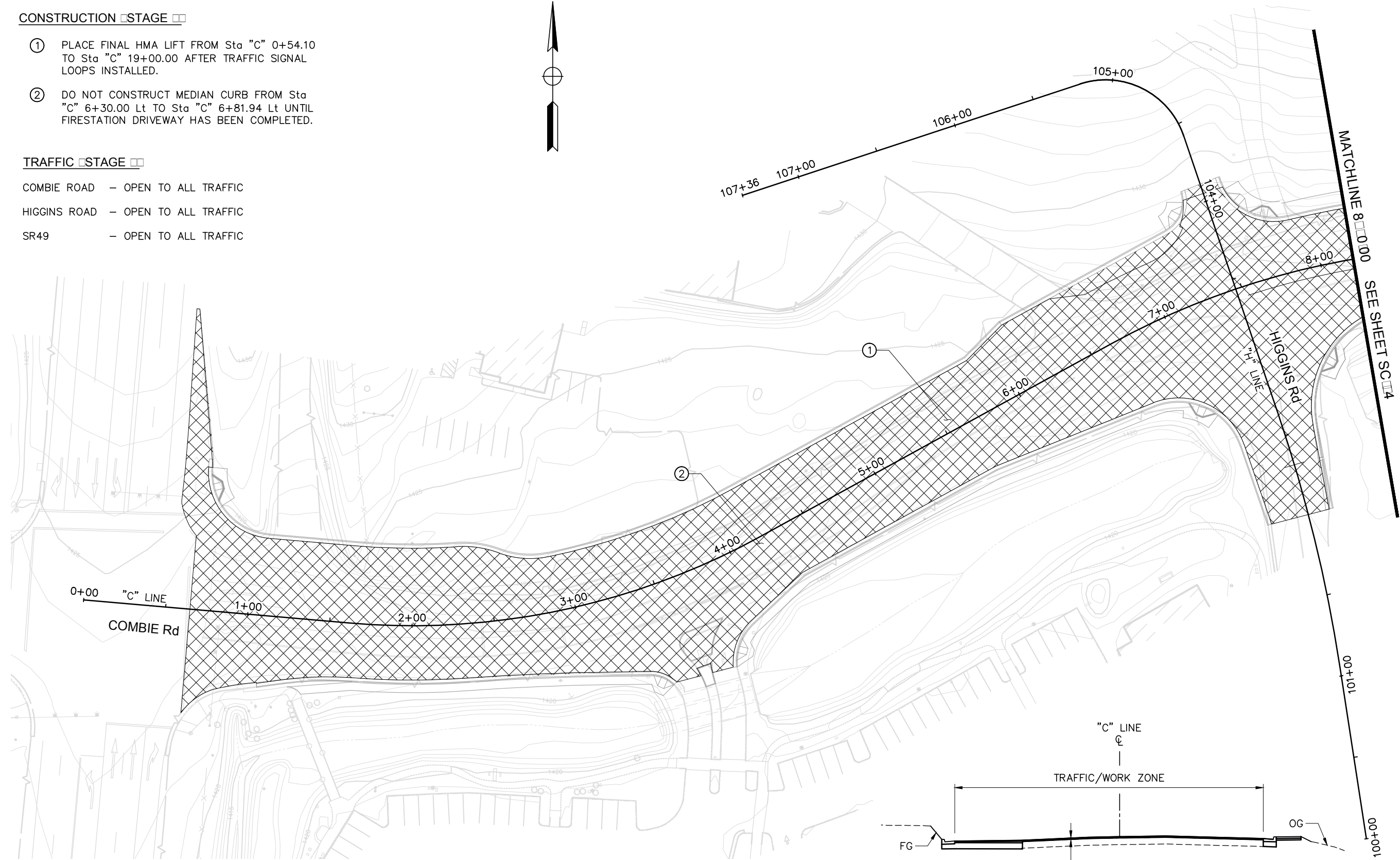
SHEET
SC-12
77 of 102 SHEETS

CONSTRUCTION STAGE

- ① PLACE FINAL HMA LIFT FROM Sta "C" 0+54.10 TO Sta "C" 19+00.00 AFTER TRAFFIC SIGNAL LOOPS INSTALLED.
- ② DO NOT CONSTRUCT MEDIAN CURB FROM Sta "C" 6+30.00 Lt TO Sta "C" 6+81.94 Lt UNTIL FIRESTATION DRIVEWAY HAS BEEN COMPLETED.

TRAFFIC STAGE

- COMBIE ROAD - OPEN TO ALL TRAFFIC
- HIGGINS ROAD - OPEN TO ALL TRAFFIC
- SR49 - OPEN TO ALL TRAFFIC

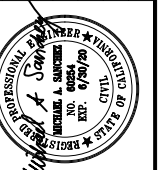


**COMBIE ROAD
TYPICAL CROSS SECTION**
NO SCALE

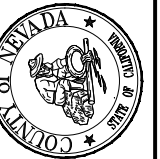
STAGE 6
SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



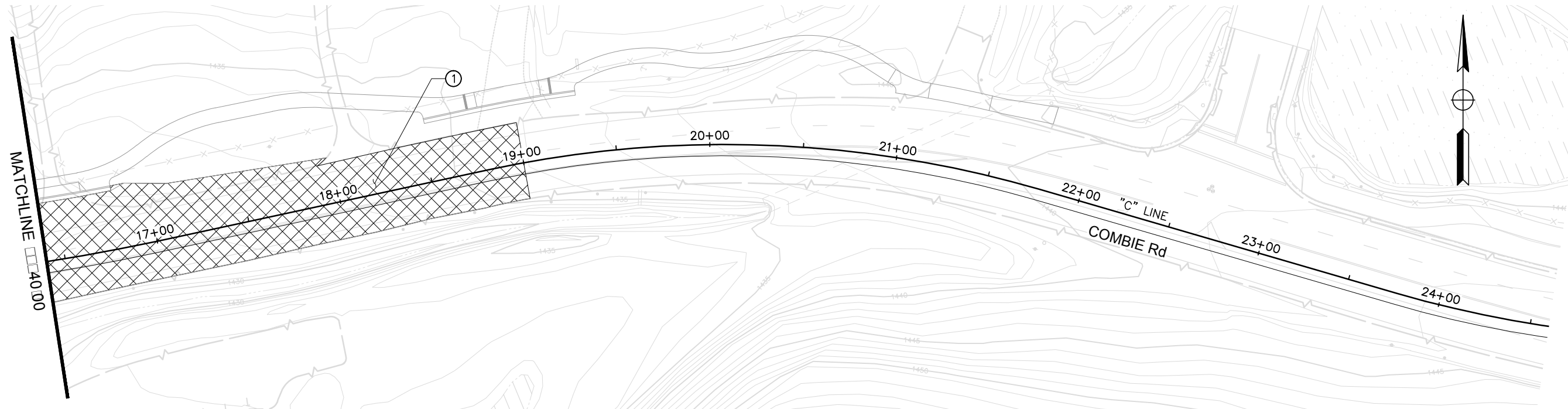
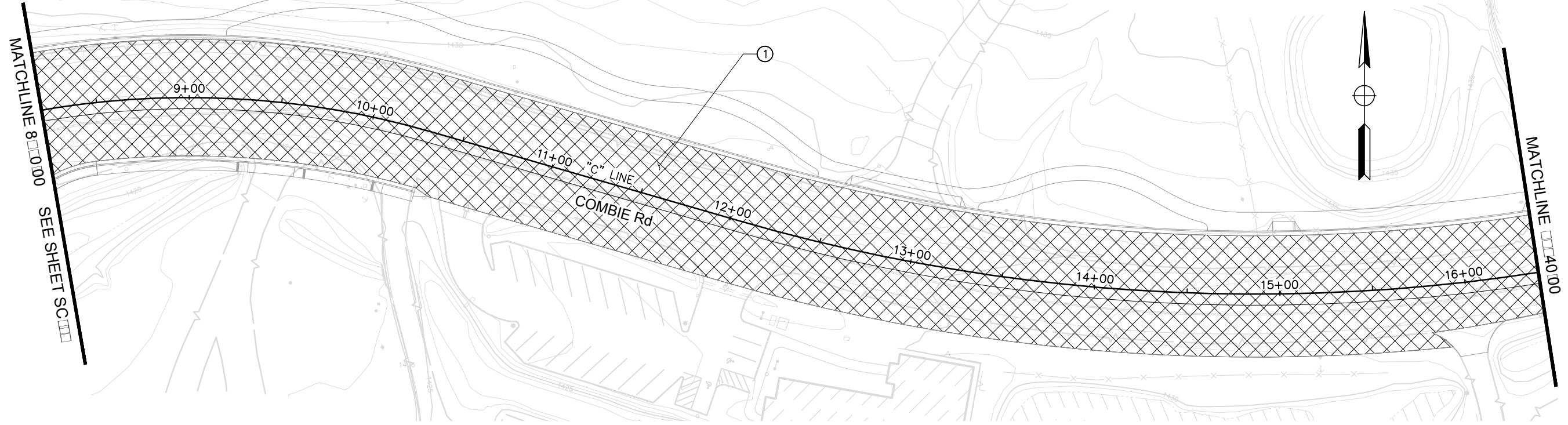
COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m013.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET

SC-13

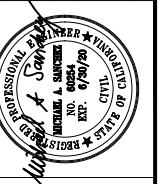
78 OF 102 SHEETS



STAGE 6
SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
AND TRAFFIC HANDLING PLAN

DRAWING: N09-300m014.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
SC-14
79 OF 102 SHEETS

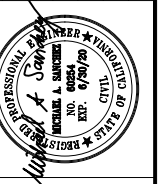
STAGE CONSTRUCTION QUANTITIES

SHEET No.	STAGE	FROM				TO				TEMPORARY HOT MIX ASPHALT *	TEMPORARY TRAFFIC STRIPE (PAINT)	TEMPORARY PAVEMENT MARKING (PAINT)	REMOVE THERMOPLASTIC PAVEMENT MARKING	REMOVE THERMOPLASTIC TRAFFIC STRIPE	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	CHANNELIZER (SURFACE MOUNTED)	TEMPORARY CONSTRUCTION ENTRANCE	DESCRIPTION
		LINE	STATION	OFFSET	Lt/Rt	LINE	STATION	OFFSET	Lt/Rt									
SC-3	2	"C"	0+50.00	85.00	Lt	"C"	8+20.00	10.00	Lt									
SC-3	2	"C"	5+81.00	0.00	Lt/Rt	"C"	8+05.00		Lt/Rt	198.0								
SC-3	2	"C"	0+65.00	30.00	Rt	"C"	7+20.00	30.00	Rt		655							STD. DETAIL 27B
SC-3	2	"C"	0+65.00	18.00	Rt	"C"	5+90.00	18.00	Rt		643							STD. DETAIL 21
SC-3	2	"C"	0+65.00	6.00	Rt	"C"	1+93.00	6.00	Rt		128							STD. DETAIL 38A
SC-3	2	"C"	5+90.00	0.00	Lt/Rt	"C"	7+20.00		Lt/Rt		269							12" TEMPORARY WHITE PAVEMENT MARKING
SC-3	2	"C"	5+90.00	0.00	Lt/Rt	"C"	7+20.00		Lt/Rt		72							12" TEMPORARY WHITE PAVEMENT MARKING (DIAGONALS)
SC-3	2	"C"	0+90.00	0.00	Lt/Rt	-	-	-	-		27							TYPE VII (R) ARROW
SC-3	2	"C"	0+90.00	10.00	Rt	-	-	-	-		42							TYPE III (L) ARROW
SC-3	2	"C"	7+90.00	10.00	Rt	-	-	-	-		15							TYPE IV (L) ARROW
SC-3	2	"C"	7+90.00	17.00	Rt	"C"	8+20.00	15.00	Rt		30							STD. DETAIL 21
SC-3	2	"C"	7+90.00	28.00	Rt	"C"	8+20.00	25.00	Rt		30							STD. DETAIL 27B
SC-3	2	"C"	8+04.00	10.00	Lt	"C"	8+20.00	10.00	Lt		16							STD. DETAIL 27B
SC-3	2	"C"	7+90.00	6.00	Rt	"C"	8+20.00	3.00	Rt		30							STD. DETAIL 38A
SC-3	2	"C"	0+70.00	8.00	Lt	"C"	+90.00	8.00	Lt					20				
SC-3	2	"C"	0+70.00	4.00	Rt	"C"	4+00.00	4.00	Rt					340				
SC-3	2	"C"	0+70.00	48.00	Rt	"C"	8+20.00	25.00	Rt					760				
SC-3	2	"C"	0+70.00	14.00	Rt	"C"	3+70.00	22.00	Rt						303			
SC-3	2	"C"	3+35.00	14.00	Rt	"C"	6+30.00	8.00	Rt						310			
SC-3	2	"C"	4+10.00	20.00	Rt	"C"	5+40.00	10.00	Rt						145			
SC-3	2	"C"	6+60.00	10.00	Rt	"C"	7+40.00	15.00	Rt						87			
SC-3	2	"C"	6+60.00	22.00	Rt	"C"	7+40.00	15.00	Rt						87			
SC-3	2	"C"	7+85.00	20.00	Rt	"C"	8+20.00	20.00	Rt						35			
SC-3	2	"C"	0+70.00	3.00	Rt							42						
SC-3	2	"C"	0+70.00	15.00	Rt							42						
SC-4	2	"C"	19+25.00	3.00	Rt	-	-	-	-		15							TYPE IV (L) ARROW
SC-4	2	"C"	13+95.00	5.00	Rt	-	-	-	-		42							TYPE VI ARROW
SC-4	2	"C"	8+20.00	25.00	Rt	"C"	10+86.00	17.00	Rt		266							STD. DETAIL 27B
SC-4	2	"C"	8+20.00	14.00	Rt	"C"	10+86.00	6.00	Rt		266							STD. DETAIL 21
SC-4	2	"C"	8+20.00	3.00	Rt	"C"	9+30.00	3.00	Lt		110							STD. DETAIL 38A
SC-4	2	"C"	8+20.00	10.00	Lt	"C"	14+00.00	10.00	Lt		580							STD. DETAIL 27B
SC-4	2	"C"	9+30.00	9.00	Rt	"C"	14+00.00	11.00	Rt		470							STD. DETAIL 24
SC-4	2	"C"	8+20.00	10.00	Lt	"C"	11+08.00	12.00	Lt						21			
SC-4	2	"C"	8+20.00	1.00	Lt	"C"	8+95.00	3.00	Lt					75				
SC-4	2	"C"	8+20.00	22.00	Rt	"C"	10+87.00	17.00	Rt					270				
SC-4	2	"C"	9+30.00	15.00	Lt	"C"	14+00.00	1.00	Rt					470				
SC-4	2	"C"	11+25.00	14.00	Lt	"C"	14+00.00	10.00	Lt					270				
SC-4	2	"C"	8+20.00	14.00	Rt	"C"	14+00.00	12.00	Rt						579			
SC-4	2	"C"	9+30.00	8.00	Rt	"C"	11+60.00	4.00	Rt						226			
SC-5	3	"C"	0+64.69	32.35'	Rt	"H"	101+85.00	15.00	Lt							39		
SUBTOTAL										198.0	3224	482	84	2205	1772	122		

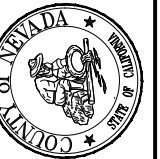
* FOR TOTAL QUANTITY, SEE "ROADWAY QUANTITY" TABLE.

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
QUANTITIES

DRAWING: N09-300mb001.dwg

DESIGNED: MAS

DRAWN: BG

CHECKED: JPJ

JOB NO: N09-300

DATE: Jan 30, 2019

SHEET

SCQ-1

80 OF 102 SHEETS

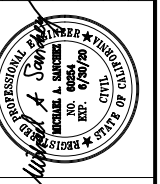
STAGE CONSTRUCTION QUANTITIES

SHEET No.	STAGE	FROM				TO				HOT MIX ASPHALT (TYPE A)*	TEMPORARY TRAFFIC STRIPE (PAINT)	TEMPORARY PAVEMENT MARKING (PAINT)	REMOVE THERMOPLASTIC PAVEMENT MARKING	REMOVE THERMOPLASTIC TRAFFIC STRIPE	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	CHANNELIZER (SURFACE MOUNTED)	TEMPORARY CONSTRUCTION ENTRANCE	DESCRIPTION
		LINE	STATION	OFFSET	Lt/Rt	LINE	STATION	OFFSET	Lt/Rt									
SC-5	3	"H"	102+00.00	8.00	Rt	"C"	8+20.00	40.00	Rt							7		
SC-5	3	"C"	8+15.00	3.00	Lt	-	-	-	-		27							TYPE VII (L) ARROW
SC-5	3	"C"	0+73.00	34.00	Lt	"C"	2+08.00	34.00	Lt		135							STD. DETAIL 38A
SC-5	3	"C"	0+73.00	23.00	Lt	"C"	2+08.00	23.00	Lt		135							STD. DETAIL 38A
SC-5	3	"C"	0+73.00	11.00	Lt	"C"	6+94.00	11.00	Lt		621							STD. DETAIL 21
SC-5	3	"C"	0+73.00	0.00	Lt/Rt	"C"	6+92.00	7.00	Rt		619							STD. DETAIL 27B
SC-5	3	"C"	2+08.00	23.00	Lt	"C"	6+94.00	23.00	Lt		486							STD. DETAIL 8
SC-5	3	"C"	5+82.00	34.00	Lt	"C"	6+94.00	34.00	Lt		112							STD. DETAIL 27B
SC-5	3	"C"	7+78.00	22.00	Lt	"C"	8+20.00	22.00	Lt		42							STD. DETAIL 27B
SC-5	3	"C"	7+78.00	11.00	Lt	"C"	8+20.00	11.00	Lt		42							STD. DETAIL 21
SC-5	3	"C"	7+78.00	1.00	Rt	"C"	8+20.00	1.00	Rt		42							STD. DETAIL 8
SC-5	3	"C"	7+78.00	12.00	Rt	"C"	8+20.00	12.00	Rt		42							STD. DETAIL 27B
SC-6	3	"C"	8+20.00	30.00	Rt	"C"	8+25.00	30.00	Rt							1		
SC-6	3	"C"	9+40.00	0.00	Lt/Rt	-	-	-	-		27							TYPE VII (L) ARROW
SC-6	3	"C"	8+20.00	19.00	Lt	"C"	14+00.00	10.00	Lt		580							STD. DETAIL 27B
SC-6	3	"C"	8+20.00	8.00	Lt	"C"	14+00.00		Lt/Rt		580							STD. DETAIL 8
SC-6	3	"C"	8+20.00	4.00	Rt	"C"	12+10.00	5.00	Rt		390							STD. DETAIL 27B
SC-6	3	"C"	8+20.00	15.00	Rt	"C"	12+10.00	16.00	Rt		390							STD. DETAIL 21
SC-7	4	"C"	0+90.00	40.00	Lt	-	-	-	-		15							TYPE IV (R) ARROW
SC-7	4	"C"	0+90.00	25.00	Lt	-	-	-	-		31							TYPE I 24'-0" ARROW
SC-7	4	"C"	0+90.00	15.00	Lt	-	-	-	-		15							TYPE IV (L) ARROW
SC-7	4	"C"	0+90.00	3.00	Lt	-	-	-	-		15							TYPE IV (L) ARROW
SC-7	4	"C"	2+00.00	40.00	Lt	-	-	-	-		15							TYPE IV (R) ARROW
SC-7	4	"C"	2+00.00	25.00	Lt	-	-	-	-		31							TYPE I 24'-0" ARROW
SC-7	4	"C"	2+90.00	15.00	Lt	-	-	-	-		15							TYPE IV (L) ARROW
SC-7	4	"C"	2+90.00	5.00	Lt	-	-	-	-		15							TYPE IV (L) ARROW
SC-7	4	"C"	5+90.00	10.00	Rt	-	-	-	-		15							TYPE IV (L) ARROW
SC-7	4	"C"	6+85.00	12.00	Rt	-	-	-	-		15							TYPE IV (L) ARROW
SC-7	4	"C"	102+90.00	2.00	Rt	-	-	-	-		15							TYPE IV (L) ARROW
SC-7	4	"C"	102+90.00	15.00	Rt	-	-	-	-		15							TYPE IV (R) ARROW
SC-7	4	"C"	7+90.00	5.00	Rt	-	-	-	-		15							TYPE IV (L) ARROW
SC-7	4	"C"	0+78.00	32.00	Lt	"C"	2+08.00	32.00	Lt		130							STD. DETAIL 38A
SC-7	4	"C"	0+78.00	20.00	Lt	"C"	2+08.00	20.00	Lt		130							STD. DETAIL 38A
SC-7	4	"C"	0+78.00	8.00	Lt	"C"	2+90.00	8.00	Lt		212							STD. DETAIL 38A
SC-7	4	"C"	0+78.00	45.00	Rt	"C"	2+30.00	30.00	Rt		152							STD. DETAIL 27B
SC-7	4	"C"	2+30.00	30.00	Rt	"C"	3+50.00	30.00	Rt		120							STD. DETAIL 27C
SC-7	4	"C"	3+50.00	30.00	Rt	"C"	3+75.00	30.00	Rt		25							STD. DETAIL 27B
SC-7	4	"C"	3+75.00	30.00	Rt	"C"	4+20.00	30.00	Rt		45							STD. DETAIL 27C
SC-7	4	"C"	2+08.00	20.00	Lt	"C"	6+90.00	5.00	Lt		482							STD. DETAIL 8
SC-7	4	"C"	0+78.00	56.00	Lt	"C"	6+90.00	15.50	Lt		612							STD. DETAIL 27B
SUBTOTAL											6124	281				8		

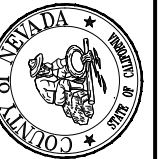
* FOR TOTAL QUANTITY, SEE "ROADWAY QUANTITY" TABLE.

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
QUANTITIES

DRAWING: N09-300mb002.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
SCQ-2
81 OF 102 SHEETS

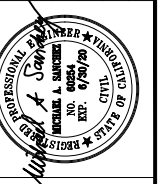
STAGE CONSTRUCTION QUANTITIES

SHEET No.	STAGE	FROM				TO				TEMPORARY HOT MIX ASPHALT *	TEMPORARY TRAFFIC STRIPE (PAINT)	TEMPORARY PAVEMENT MARKING (PAINT)	REMOVE THERMOPLASTIC PAVEMENT MARKING	REMOVE THERMOPLASTIC TRAFFIC STRIPE	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	CHANNELIZER (SURFACE MOUNTED)	TEMPORARY CONSTRUCTION ENTRANCE	DESCRIPTION
		LINE	STATION	OFFSET	Lt/Rt	LINE	STATION	OFFSET	Lt/Rt									
SC-7	4	"C"	0+78.00	45.00	Rt	"C"	6+90.00	30.00	Rt		612							STD. DETAIL 27B
SC-7	4	"C"	5+90.00	18.00	Rt	"C"	6+90.00	18.00	Rt		100							STD. DETAIL 38A
SC-7	4	"C"	7+81.00	18.00	Lt	"C"	8+20.00	18.00	Lt		39							STD. DETAIL 27B
SC-7	4	"C"	7+83.00	9.00	Lt	"C"	8+20.00	9.00	Lt		37							STD. DETAIL 8
SC-7	4	"C"	7+85.00	2.00	Rt	"C"	8+20.00	2.00	Rt		35							STD. DETAIL 38A
SC-7	4	"C"	7+87.00	13.00	Rt	"C"	8+20.00	13.00	Rt		33							STD. DETAIL 21
SC-7	4	"C"	7+90.00	25.00	Rt	"C"	8+20.00	25.00	Rt		30							STD. DETAIL 27B
SC-7	4	"H"	102+00.00	10.00	Rt	"H"	102+79.00	28.00	Rt		79							STD. DETAIL 27B
SC-7	4	"H"	101+22.00	13.00	Lt	"H"	102+79.00	4.00	Lt		157							STD. DETAIL 22
SC-7	4	"H"	102+00.00	0.00	Lt/Rt	"H"	102+79.00	7.00	Rt		79							STD. DETAIL 38A
SC-7	4	"H"	102+00.00	20.00	Lt	"H"	102+79.00	33.00	Lt		79							STD. DETAIL 27B
SC-7	4	"H"	103+93.00	0.00	Lt/Rt	"H"	103+93.00		Lt/Rt		36							CROSSWALK
SC-7	4	"H"	103+83.00	0.00	Lt/Rt	"H"	103+83.00		Lt/Rt		53							CROSSWALK
SC-7	4	"C"	7+71.00	0.00	Lt/Rt	"C"	7+71.00		Lt/Rt		86							CROSSWALK
SC-7	4	"C"	7+81.00	0.00	Lt/Rt	"C"	7+81.00		Lt/Rt		80							CROSSWALK
SC-7	4	"H"	102+89.00	0.00	Lt/Rt	"H"	102+89.00		Lt/Rt		61							CROSSWALK
SC-7	4	"H"	102+79.00	0.00	Lt/Rt	"H"	102+79.00		Lt/Rt		71							CROSSWALK
SC-7	4	"C"	0+78.00	4.00	Rt	"C"	6+90.00	6.00	Rt			1255						12" WHITE PAVEMENT MARKING
SC-7	4	"C"	0+78.00	4.00	Rt	"C"	6+90.00	6.00	Rt			884						12" WHITE PAVEMENT MARKING (DIAGONAL)
SC-8	4	"C"	8+45.00	30.00	Rt	"C"	15+67.00	23.00	Rt							37		
SC-8	4	"C"	9+45.00	0.00	Lt/Rt	-	-	-	-			15						TYPE IV (L) ARROW
SC-8	4	"C"	8+20.00	21.00	Lt	"C"	16+40.00	21.00	Lt		820							STD. DETAIL 27B
SC-8	4	"C"	8+20.00	10.50	Lt	"C"	10+10.00	10.50	Lt		190							STD. DETAIL 8
SC-8	4	"C"	8+20.00	0.00	Lt/Rt	"C"	9+50.00		Lt/Rt		130							STD. DETAIL 38A
SC-8	4	"C"	8+20.00	10.50	Rt	"C"	9+50.00	10.50	Rt		130							STD. DETAIL 21
SC-8	4	"C"	8+20.00	22.50	Rt	"C"	16+40.00	16.00	Rt		820							STD. DETAIL 27B
SC-8	4	"C"	12+85.00	3.00	Rt	"C"	16+40.00	3.00	Rt		355							STD. DETAIL 21
SC-8	4	"C"	16+40.00	8.00	Lt	"C"	20+50.00	25.00	Lt		410							STD. DETAIL 27B
SC-8	4	"C"	16+40.00	3.00	Rt	"C"	20+84.00	2.50	Rt		444							STD. DETAIL 21
SC-8	4	"C"	16+40.00	2.00	Rt	"C"	20+84.00	3.50	Lt		444							STD. DETAIL 21
SC-8	4	"C"	16+40.00	15.00	Rt	"C"	20+50.00	10.00	Rt		410							STD. DETAIL 27B
SC-8	4	"C"	20+45.00	15.00	Lt	-	-	-	-			42						TYPE VI ARROW
SC-8	4	"C"	9+50.00	7.00	Rt	"C"	12+85.00	4.00	Rt			991						12" WHITE PAVEMENT MARKING
SC-8	4	"C"	9+50.00	7.00	Rt	"C"	12+85.00	4.00	Rt			184						12" WHITE PAVEMENT MARKING (DIAGONAL)
SC-8	4	"C"	14+00.00	1.00	Lt	"C"	16+40.00	4.00	Lt					240				
SC-8	4	"C"	14+00.00	11.00	Lt	"C"	16+40.00	16.00	Lt					240				
SC-8	4	"C"	14+00.00	12.00	Rt	"C"	16+40.00	4.00	Rt						240			
SC-8	4	"C"	16+40.00	14.00	Lt	"C"	20+50.00	22.00	Lt					410				
SC-8	4	"C"	16+40.00	4.00	Lt	"C"	20+50.00	12.00	Lt					410				
SC-8	4	"C"	16+40.00	4.00	Rt	"C"	20+84.00	3.00	Rt						410			
SC-8	4	"C"	19+88.00	4.00	Rt	"C"	20+84.00	3.00	Lt						70			
SC-9	5	"C"	7+90.00	23.00	Lt	"C"	8+05.00	23.00	Lt								2	
SUBTOTAL											5820	3371		1370	650	39		

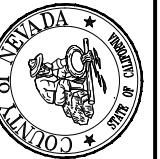
* FOR TOTAL QUANTITY, SEE "ROADWAY QUANTITY" TABLE.

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
QUANTITIES

DRAWING: N09-300mb003.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
SCQ-3
82 OF 102 SHEETS

STAGE CONSTRUCTION QUANTITIES

SHEET No.	STAGE	FROM				TO				TEMPORARY HOT MIX ASPHALT TON	TEMPORARY TRAFFIC STRIPE (PAINT) LF	TEMPORARY PAVEMENT MARKING (PAINT) SQFT	REMOVE THERMOPLASTIC PAVEMENT MARKING SQFT	REMOVE THERMOPLASTIC STRIPE LF	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE) LF	CHANNELIZER (SURFACE MOUNTED) EA	TEMPORARY CONSTRUCTION ENTRANCE EA	DESCRIPTION	
		LINE	STATION	OFFSET	Lt/Rt	LINE	STATION	OFFSET	Lt/Rt										
SC-9	5	"C"	7+81.00	18.00	Lt	"C"	8+20.00	18.00	Lt		39							STD. DETAIL 27B	
SC-9	5	"C"	7+83.00	6.00	Lt	"C"	8+20.00	6.00	Lt		37							STD. DETAIL 8	
SC-9	5	"C"	7+85.00	5.00	Rt	"C"	8+20.00	5.00	Rt		35							STD. DETAIL 21	
SC-9	5	"C"	7+87.00	16.00	Rt	"C"	8+20.00	16.00	Rt		67							12" WHITE PAVEMENT MARKING	
SC-9	5	"C"	7+87.00	16.00	Rt	"C"	8+20.00	16.00	Rt		7							12" WHITE PAVEMENT MARKING (DIAGONAL)	
SC-9	5	"C"	7+90.00	30.00	Rt	"C"	8+20.00	30.00	Rt		30							STD. DETAIL 27B	
SC-10	5	"C"	8+20.00	25.00	Lt	"C"	16+40.00	14.00	Lt							42			
SC-10	5	"C"	16+40.00	16.00	Lt	"C"	18+95.00	18.00	Lt							13			
SC-10	5	"C"	8+20.00	18.00	Lt	"C"	16+40.00	5.00	Lt		820							STD. DETAIL 27B	
SC-10	5	"C"	8+20.00	6.00	Lt	"C"	10+10.00	6.00	Lt		190							STD. DETAIL 38A	
SC-10	5	"C"	8+20.00	5.00	Rt	"C"	9+50.00	5.00	Rt		130							STD. DETAIL 38A	
SC-10	5	"C"	8+20.00	16.00	Rt	"C"	12+08.00		Lt/Rt		765							12" WHITE PAVEMENT MARKING	
SC-10	5	"C"	8+20.00	16.00	Rt	"C"	12+08.00		Lt/Rt		174							12" WHITE PAVEMENT MARKING (DIAGONAL)	
SC-10	5	"C"	12+08.00	18.00	Rt	"C"	16+40.00	6.00	Rt		432							STD. DETAIL 21	
SC-10	5	"C"	8+20.00	30.00	Rt	"C"	16+40.00	18.00	Rt		820							STD. DETAIL 27B	
SC-10	5	"C"	9+45.00	15.00	Rt	-	-	-	-			15						TYPE IV (L) ARROW	
SC-1 TO SC-9		"C"	0+74.74	0.00	Lt/Rt	"C"	43+40.57		Lt/Rt								2		
SUBTOTAL FROM SCQ-3																			
SUBTOTAL FROM SCQ-1																			
SUBTOTAL FROM SCQ-2																			
SUBTOTAL FROM SCQ-3																			
SUBTOTAL										198.0	18714	4149	84	3575	2422	224	2		

* FOR TOTAL QUANTITY, SEE "ROADWAY QUANTITY" TABLE.

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
STAGE CONSTRUCTION
QUANTITIES

DRAWING: N09-300mb004.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

SHEET
SCQ-4
 83 OF 102 SHEETS

NOTE:

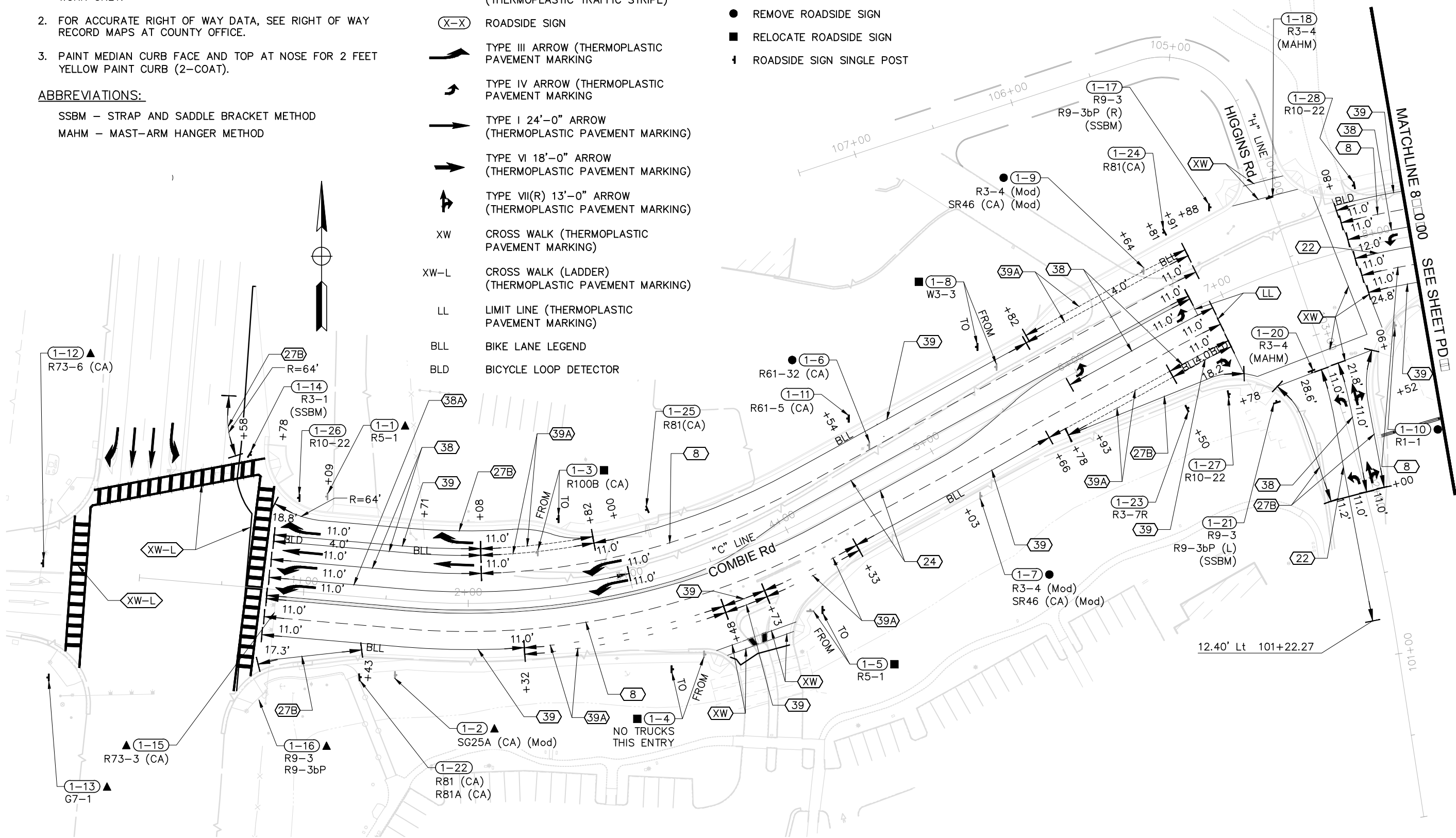
1. THIS PLAN ACCURATE FOR PAVEMENT DELINEATION AND SIGN WORK ONLY.
2. FOR ACCURATE RIGHT OF WAY DATA, SEE RIGHT OF WAY RECORD MAPS AT COUNTY OFFICE.
3. PAINT MEDIAN CURB FACE AND TOP AT NOSE FOR 2 FEET YELLOW PAINT CURB (2-COAT).

ABBREVIATIONS:

SSBM - STRAP AND SADDLE BRACKET METHOD
 MAHM - MAST-ARM HANGER METHOD

LEGEND:

- (No) TRAFFIC LINE DETAIL No. (THERMOPLASTIC TRAFFIC STRIPE)
- (X-X) ROADSIDE SIGN
- ▲ EXISTING SIGN TO REMAIN
- REMOVE ROADSIDE SIGN
- RELOCATE ROADSIDE SIGN
- † ROADSIDE SIGN SINGLE POST
- TYPE III ARROW (THERMOPLASTIC PAVEMENT MARKING)
- TYPE IV ARROW (THERMOPLASTIC PAVEMENT MARKING)
- TYPE I 24'-0" ARROW (THERMOPLASTIC PAVEMENT MARKING)
- TYPE VI 18'-0" ARROW (THERMOPLASTIC PAVEMENT MARKING)
- TYPE VII(R) 13'-0" ARROW (THERMOPLASTIC PAVEMENT MARKING)
- XW CROSS WALK (THERMOPLASTIC PAVEMENT MARKING)
- XW-L CROSS WALK (LADDER) (THERMOPLASTIC PAVEMENT MARKING)
- LL LIMIT LINE (THERMOPLASTIC PAVEMENT MARKING)
- BLL BIKE LANE LEGEND
- BLD BICYCLE LOOP DETECTOR



SCALE : 1" = 30'

REVISIONS

NO.	DESCRIPTION	BY	DATE



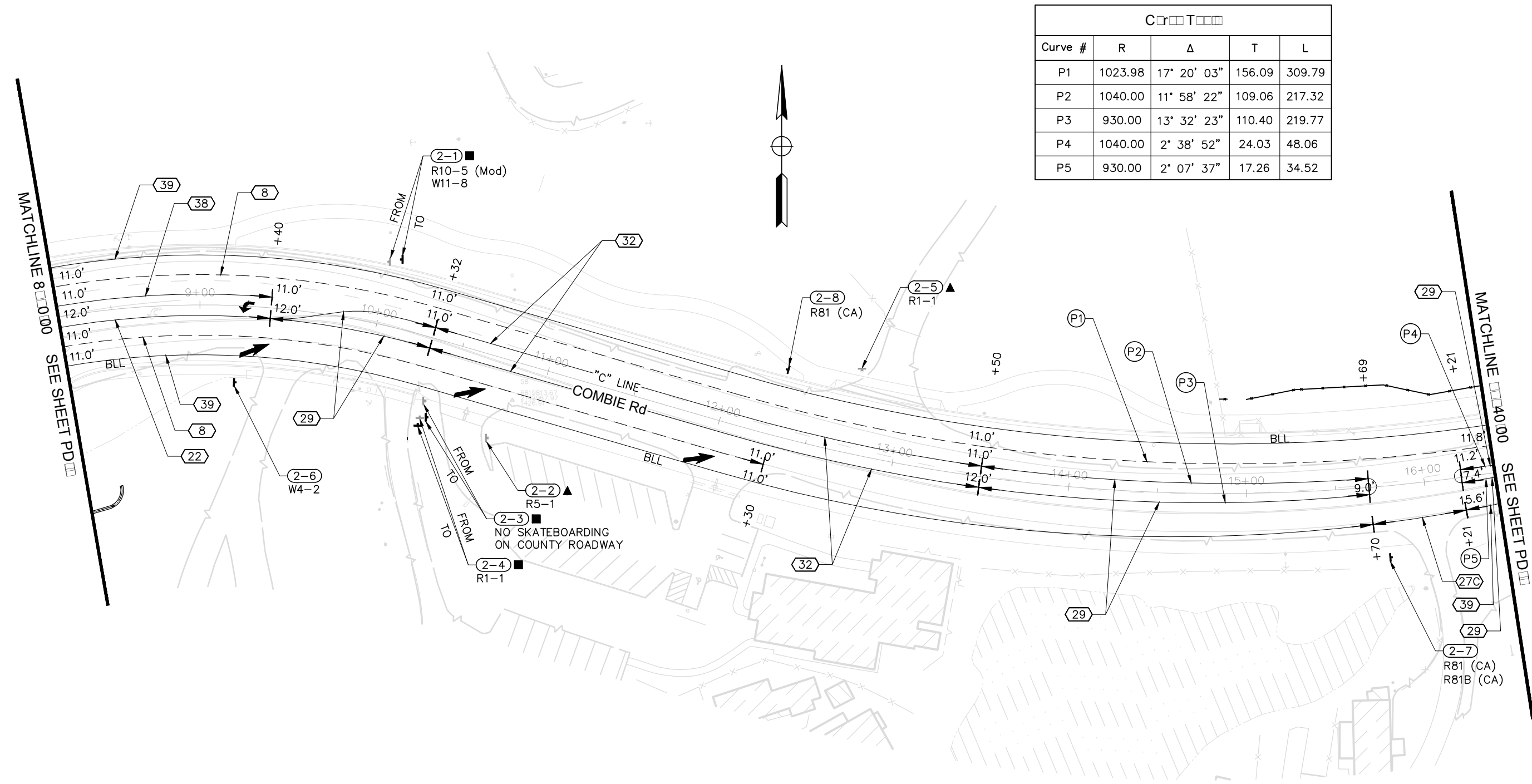
NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 PAVEMENT DELINEATION & SIGN PLAN

DRAWING: N09-300mo001.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Feb 4, 2019

SHEET
 PD-1
 84 OF 102 SHEETS



C r T				
Curve #	R	Δ	T	L
P1	1023.98	17° 20' 03"	156.09	309.79
P2	1040.00	11° 58' 22"	109.06	217.32
P3	930.00	13° 32' 23"	110.40	219.77
P4	1040.00	2° 38' 52"	24.03	48.06
P5	930.00	2° 07' 37"	17.26	34.52

REVISIONS				
NO.	DESCRIPTION	BY	DATE	



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION

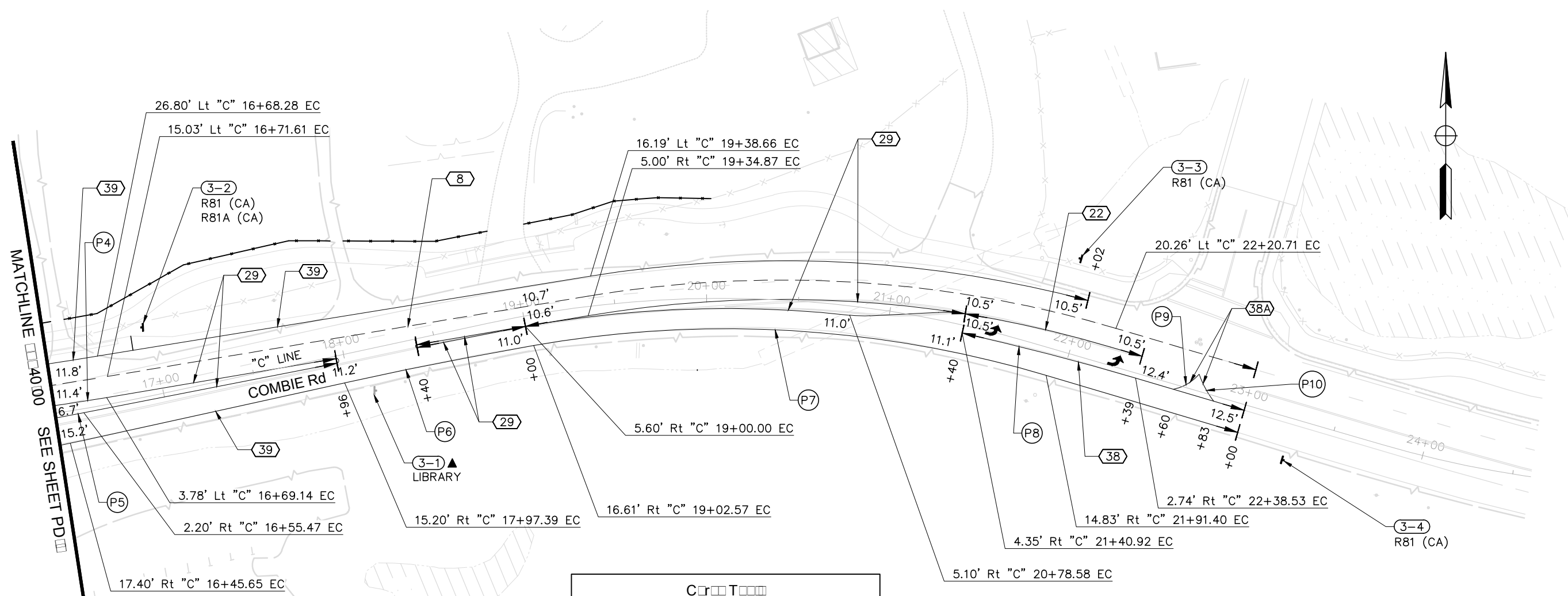


COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 PAVEMENT DELINEATION & SIGN PLAN

DRAWING: N09-300mo002.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Feb 4, 2019

SCALE : 1" = 30'

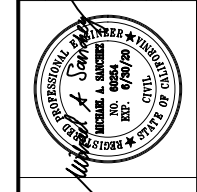
SHEET
 PD-2
 85 OF 102 SHEETS



MATCHLINE 40+00 SEE SHEET PD

C r T L				
Curve #	R	Δ	T	L
P4	1040.00	2° 38' 52"	24.03	48.06
P5	930.00	2° 07' 37"	17.26	34.52
P6	2370.00	2° 31' 43"	52.31	104.60
P7	609.00	26° 28' 37"	143.27	281.42
P8	1500.00	3° 43' 09"	48.70	97.37
P9	25.00	37° 57' 41"	8.60	16.56
P10	50.00	19° 05' 04"	8.40	16.65

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGN/CONSTRUCTION DIVISION

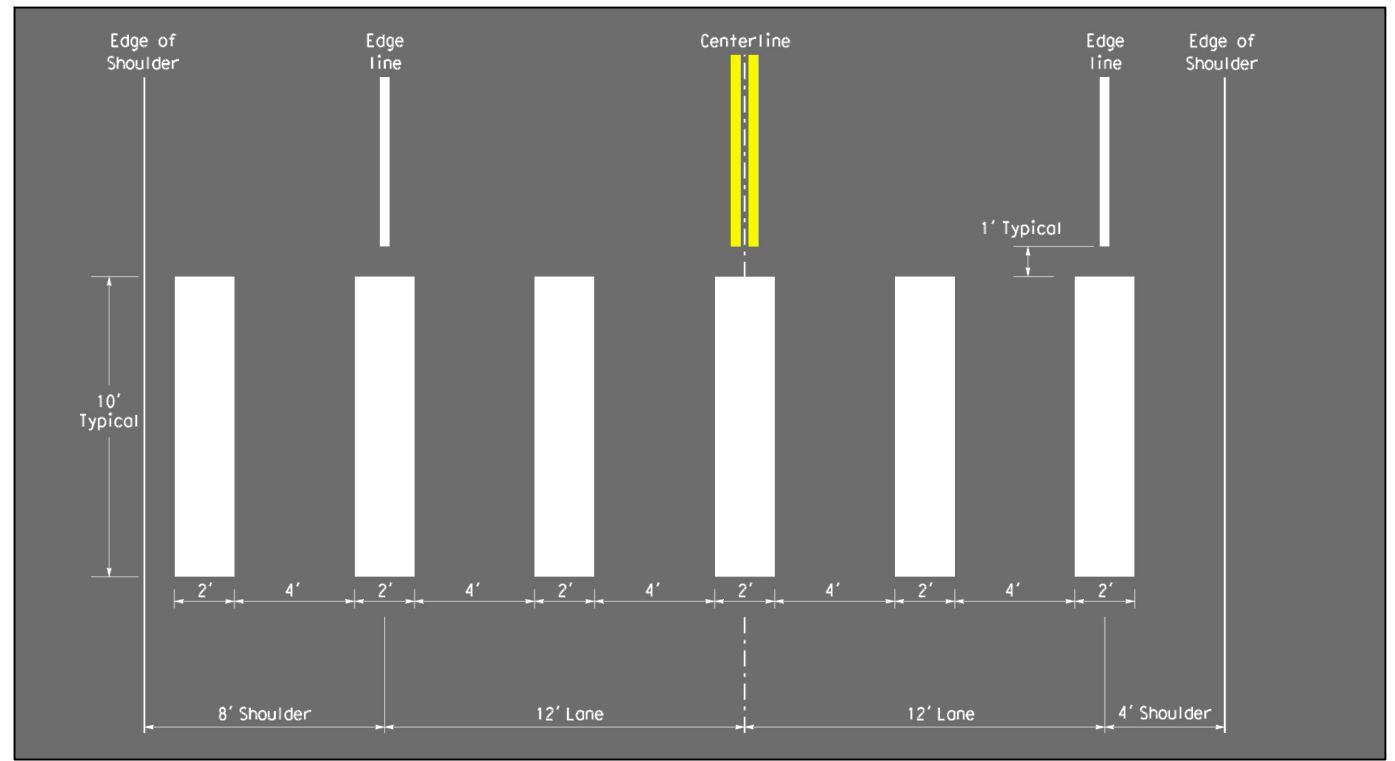


COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT
 PAVEMENT DELINEATION & SIGN PLAN

DRAWING: N09-300mo003.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Feb 4, 2019

SCALE : 1" = 30'

SHEET
PD-3
 86 OF 102 SHEETS



CROSS WALK (CONTINENTAL)
No Scale

REVISIONS			
NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
PAVEMENT DELINEATION DETAILS

DRAWING: N09-300mc001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
PDD - 1
87 of 102 SHEETS

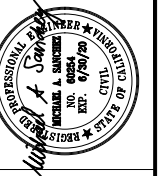
SCALE : AS SHOWN

PAVEMENT DELINEATION QUANTITIES

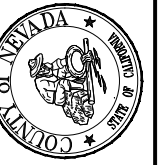
SHEET No.	FROM			TO			DETAIL No.	THERMOPLASTIC TRAFFIC STRIPE						PAINT CURB (2-COAT)	PAVEMENT MARKER (RETROREFLECTIVE)		THERMOPLASTIC PAVEMENT MARKING	DESCRIPTION	
	LINE	STATION	Lt/Rt	LINE	STATION	Lt/Rt		4"	6"	8"	4" (BROKEN 17-7)	4" (BROKEN 12-3)	6" (BROKEN 8-4)		TYPE D	TYPE G			
								LF	LF	LF	LF	LF	LF		EA	EA			SQFT
PD-1	"C"	1+14	Lt	-	-	-											31	TYPE I 24'-0" ARROW	
PD-1	"C"	2+08	Lt	-	-	-											31	TYPE I 24'-0" ARROW	
PD-1	"C"	0+00	Lt	-	-	-											31	TYPE I 24'-0" ARROW	
PD-1	"C"	0+10	Lt	-	-	-											31	TYPE I 24'-0" ARROW	
PD-1	"C"	1+14	Lt	-	-	-											42	TYPE III (L) ARROW	
PD-1	"C"	1+14	Lt	-	-	-											42	TYPE III (L) ARROW	
PD-1	"C"	2+90	Lt	-	-	-											42	TYPE III (L) ARROW	
PD-1	"C"	2+90	Lt	-	-	-											42	TYPE III (L) ARROW	
PD-1	"C"	+20	Lt	-	-	-											42	TYPE III (R) ARROW	
PD-1	"C"	0+12	Lt	-	-	-											42	TYPE III (R) ARROW	
PD-1	"C"	1+14	Lt	-	-	-											42	TYPE III (R) ARROW	
PD-1	"C"	2+08	Lt	-	-	-											42	TYPE III (R) ARROW	
PD-1	"C"	5+93	Lt/Rt	-	-	-											15	TYPE IV (L) ARROW	
PD-1	"C"	6+78	Lt/Rt	-	-	-											15	TYPE IV (L) ARROW	
PD-1	"H"	102+52	Lt/Rt	-	-	-											15	TYPE IV (L) ARROW	
PD-1	"C"	6+81	Rt	-	-	-											15	TYPE IV (R) ARROW	
PD-1	"H"	102+00	Rt	-	-	-											27	TYPE VII (R) ARROW	
PD-1	"H"	102+00	Lt	-	-	-											15	TYPE IV (L) ARROW	
PD-1	"H"	102+52	Rt	-	-	-											27	TYPE VII (R) ARROW	
PD-1	"C"	0+79	Lt	-	-	-											2	BICYCLE LOOP DETECTOR	
PD-1	"C"	1+71	Lt	-	-	-											7	BIKE LANE	
PD-1	"C"	4+54	Lt	-	-	-											7	BIKE LANE	
PD-1	"C"	6+81	Lt	-	-	-											7	BIKE LANE	
PD-1	"C"	1+43	Rt	-	-	-											7	BIKE LANE	
PD-1	"C"	5+03	Rt	-	-	-											7	BIKE LANE	
PD-1	"C"	6+60	Rt	-	-	-											7	BIKE LANE	
PD-1	"C"	6+90	Rt	-	-	-											2	BICYCLE LOOP DETECTOR	
PD-1	"C"	3+37	Rt	-	-	-											35	CROSS WALK	
PD-1	"C"	3+42	Rt	-	-	-											32	CROSS WALK	
PD-1	"H"	102+78	Lt/Rt	-	-	-											60	CROSS WALK	
PD-1	"H"	102+88	Lt/Rt	-	-	-											70	CROSS WALK	
PD-1	"C"	7+70	Lt/Rt	-	-	-											85	CROSS WALK	
PD-1	"C"	7+80	Lt/Rt	-	-	-											85	CROSS WALK	
PD-1	"C"	103+78	Lt/Rt	-	-	-											52	CROSS WALK	
PD-1	"H"	103+88	Lt/Rt	-	-	-											35	CROSS WALK	
PD-1	"C"	+35	Lt/Rt	-	-	-											260	CROSS WALK CONTENENTAL	
PD-1	"C"	+25	Lt	"C"	+55	Lt											300	CROSS WALK CONTENENTAL	
PD-1	"C"	0+78	Lt/Rt	-	-	-											380	CROSS WALK CONTENENTAL	
PD-1	"C"	6+91	Rt	-	-	-											45	LIMIT LINE	
PD-1	"C"	0+78	Lt/Rt	-	-	-											60	LIMIT LINE	
PD-1	"C"	+28	Lt	"C"	+20	Lt											50	LIMIT LINE	
PD-1	"C"	+50	Rt	-	-	-											40	LIMIT LINE	
PD-1	"C"	3+80	Rt	-	-	-											12	LIMIT LINE	
PD-1	"C"	+78	Lt	"C"	2+08	Lt	38									6			
PD-1	"C"	+78	Lt	"C"	2+08	Lt	38									6			
PD-1	"C"	+78	Lt	"C"	2+08	Lt	39												
PD-1	"C"	+78	Lt	"C"	2+90	Lt	38A				130								
PD-1	"C"	5+93	Rt	"C"	6+91	Rt	38										98		
PD-1	"C"	6+50	Rt	"C"	6+91	Rt	38										41		
PD-1	"H"	102+00	Rt	"H"	102+78	Rt	38										78		
PD-1	"C"	7+80	Lt	"C"	8+20	Lt	38										40		
PD-1	"C"	+78	Lt	"C"	2+82	Lt	27B				196								
PD-1	"C"	+78	Rt	"C"	1+43	Rt	27B				62								
PD-1	"C"	2+82	Lt	"C"	5+82	Lt	39										290		
PD-1	"C"	+78	Rt	"C"	2+32	Rt	39										159		
PD-1	"C"	2+32	Rt	"C"	3+48	Rt	39A											124	
PD-1	"C"	2+32	Rt	"C"	3+48	Rt	39A											124	
PD-1	"C"	3+73	Rt	"C"	4+33	Rt	39A											63	
PD-1	"C"	3+73	Rt	"C"	4+33	Rt	39A											63	
PD-1	"C"	4+33	Rt	"C"	5+66	Rt	39										134		
PD-1	"C"	5+66	Rt	"C"	6+50	Rt	39A											84	
PD-1	"C"	5+78	Rt	"C"	6+50	Rt	39A											73	
SUBTOTAL								258	713	729							25	2236	

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
PAVEMENT DELINEATION
QUANTITIES

DRAWING: N09-300md001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Feb 4, 2019

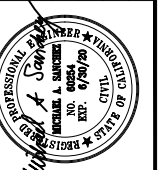
SHEET
PDQ-1
88 of 102 SHEETS

PAVEMENT DELINEATION QUANTITIES

SHEET No.	FROM			TO			DETAIL No.	THERMOPLASTIC TRAFFIC STRIPE						PAINT CURB (2 COAT)	PAVEMENT MARKER (RETROREFLECTIVE)		THERMOPLASTIC PAVEMENT MARKING	DESCRIPTION	
	LINE	STATION	L/Rt	LINE	STATION	L/Rt		4"	6"	8"	4" (BROKEN 17-7)	4" (BROKEN 12-3)	6" (BROKEN 8-4)		TYPE D	TYPE G			
								LF	LF	LF	LF	LF	LF						EA
PD-1	"C"	6+50	Rt	"C"	6+91	Rt	39		41										
PD-1	"C"	5+82	Lt	"C"	6+64	Lt	39A												
PD-1	"C"	5+82	Lt	"C"	6+64	Lt	39A												
PD-1	"C"	6+64	Lt	"C"	6+91	Lt	39		29										
PD-1	"C"	3+48	Rt	"C"	3+73	Rt	39		25										
PD-1	"C"	3+48	Rt	"C"	3+73	Rt	39		25										
PD-1	"C"	5+78	Rt	"C"	6+91	Rt	27B	114											
PD-1	"H"	102+00	Lt	"H"	102+78	Lt	27B	78											
PD-1	"H"	102+00	Rt	"H"	102+78	Rt	27B	78											
PD-1	"C"	7+80	Lt	"C"	8+20	Lt	39		40										
PD-1	"C"	7+80	Rt	"C"	8+20	Rt	39		40										
PD-1	"C"	2+08	Lt	"C"	2+82	Lt	39A												
PD-1	"C"	2+08	Lt	"C"	2+82	Lt	39A												
PD-1	"C"	2+08	Lt	"C"	6+91	Lt	8												
PD-1	"C"	2+08	Rt	"C"	6+91	Rt	8												
PD-1	"C"	7+80	Lt	"C"	8+20	Lt	8												
PD-1	"C"	7+80	Rt	"C"	8+20	Rt	8												
PD-1	"C"	+78	Lt/Rt	"C"	6+81	Lt/Rt	24	603											
PD-1	"C"	+78	Lt/Rt	"C"	6+81	Lt/Rt	24	603											
PD-1	"H"	101+22	Lt	"H"	102+78	Lt	22	156											
PD-1	"C"	7+81	Lt	-	-	-	-												
PD-1	"C"	7+80	Rt	"C"	8+20	Rt	22	40											
PD-2	"C"	8+20	Lt	"C"	16+40	Lt	39		820										
PD-2	"C"	8+20	Rt	"C"	15+70	Rt	39		748										
PD-2	"C"	8+20	Lt	"C"	16+40	Lt	8												
PD-2	"C"	8+20	Rt	"C"	12+30	Rt	8												
PD-2	"C"	8+20	Rt	"C"	9+40	Rt	22	120											
PD-2	"C"	9+40	Lt/Rt	"C"	10+32	Lt/Rt	29	126											
PD-2	"C"	9+40	Rt	"C"	10+32	Rt	29	120											
PD-2	"C"	8+20	Lt	"C"	9+40	Lt	38												
PD-2	"C"	9+40	Lt/Rt	-	-	-	-												
PD-2	"C"	10+32	Lt	"C"	13+50	Lt	32	698											
PD-2	"C"	10+32	Rt	"C"	13+50	Rt	32	700											
PD-2	"C"	13+50	Lt	"C"	15+69	Lt	29	436											
PD-2	"C"	13+50	Rt	"C"	15+69	Rt	29	438											
PD-2	"C"	15+70	Rt	"C"	16+21	Rt	27C												
PD-2	"C"	16+21	Rt	"C"	16+40	Rt	39												
PD-2	"C"	16+21	Lt	"C"	16+40	Lt	29	40											
PD-2	"C"	16+21	Rt	"C"	16+40	Rt	29	40											
PD-2	"C"	9+40	Rt	-	-	-	-												
PD-2	"C"	10+50	Rt	-	-	-	-												
PD-2	"C"	11+90	Rt	-	-	-	-												
PD-3	"C"	21+40	Rt	-	-	-	-												
PD-3	"C"	16+88	Lt	"C"	22+02	Lt	27B	525											
PD-3	"C"	16+40	Rt	"C"	23+00	Rt	39		660										
PD-3	"C"	21+40	Rt	"C"	23+00	Rt	38												
PD-3	"C"	22+60	Lt/Rt	"C"	22+71	Lt/Rt	38A												
PD-3	"C"	22+71	Lt/Rt	"C"	22+83	Lt/Rt	38A												
PD-3	"C"	21+40	Lt	"C"	22+39	Lt	22	99											
PD-3	"C"	16+40	Lt	"C"	22+02	Lt	39		562										
PD-3	"C"	16+40	Lt	"C"	17+96	Lt	29	310											
PD-3	"C"	16+40	Rt	"C"	17+96	Rt	29	310											
PD-3	"C"	18+40	Lt	"C"	21+40	Lt	29	600											
PD-3	"C"	18+40	Rt	"C"	21+40	Rt	29	600											
PD-3	"C"	22+20	Lt	-	-	-	-												
PD-1	"C"	+78	Rt	"C"	+78	Rt													
PD-1	"C"	6+80	Rt	"C"	6+82	Rt													
PD-1	"C"	6+81	Lt/Rt																
PD-1	"C"	+47	Lt				27B	38											
PD-1	"C"	7+90	Lt/Rt																
SUBTOTAL FROM PDQ-2																			
SUBTOTAL FROM PDQ-1																			
TOTAL																			

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
PAVEMENT DELINEATION
QUANTITIES

DRAWING: N09-300md002.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Feb 4, 2019

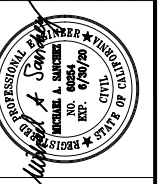
SHEET
PDQ-2
89 of 102 SHEETS

SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE		SIGN MESSAGE	ROADSIDE SIGN - ONE POST EA	REMOVE ROADSIGN SIGN EA	RELOCATE ROADSIDE SIGN EA	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD) EA	INSTALL SIGN (MAST-ARM HANGER METHOD) EA	COMMENTS
		FEDERAL	CALIFORNIA							
PD-1	1-3		R100B	UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY BY THE OWNER'S EXPENSE			1			
PD-1	1-4			NO TRUCKS THIS ENTRY			1			
PD-1	1-5	R5-1		DO NOT ENTER			1			
PD-1	1-6		R61-32	"DOUBLE LANE CONTROL" SYMBOL		1				
PD-1	1-7	R3-4 (Mod)		"U-TURN PROHIBITED" SYMBOL		1				
PD-1			SR46 (Mod)	EMERGENCY ACCESS KEEP CLEAR						
PD-1	1-8	W3-3		"STOPLIGHT/SIGNAL AHEAD" SYMBOL			1			
PD-1	1-9	R3-4 (Mod)		"U-TURN PROHIBITED" SYMBOL		1				
PD-1			SR46 (Mod)	EMERGENCY ACCESS KEEP CLEAR						
PD-1	1-10	R1-1		STOP		1				
PD-1	1-11		R61-5	"DOUBLE LANE CONTROL LEFT AND RIGHT TURN" SYMBOL	1					
PD-1	1-14	R3-1		"NO RIGHT TURN" SYMBOL			1			
PD-1	1-17	R9-3		NO PEDESTRIAN CROSSING			1			
PD-1			R9-3bP		"USE CROSSWALK" SYMBOL					
PD-1	1-18	R3-4		"U-TURN PROHIBITED" SYMBOL				1		
PD-1	1-20	R3-4		"U-TURN PROHIBITED" SYMBOL				1		
PD-1	1-21	R9-3		NO PEDESTRIAN CROSSING						
PD-1			R9-3bP		USE CROSSWALK			1		
PD-1	1-22		R81	BIKE LANE SYMBOL	1					
PD-1				R81A	BEGIN					
PD-1	1-23	R3-7R		RIGHT LANE MUST TURN RIGHT	1					
PD-1	1-24		R81	BIKE LANE SYMBOL	1					
PD-1	1-25		R81	BIKE LANE SYMBOL	1					
PD-1	1-26	R10-22			1					
PD-1	1-27	R10-22			1					
PD-1	1-28	R10-22			1					
PD-2	2-1	R10-5 (Mod)		LEFT ON GREEN ARROW ONLY						
PD-2			W11-8		"EMERGENCY VEHICLE (FIRE TRUCK)" SYMBOL			1		
PD-2	2-3			NO SKATEBOARDING ON COUNTY ROADWAY			1			
PD-2	2-4	R1-1		STOP			1			
PD-2	2-6	W4-2		LANE ENDS, MERGE LEFT	1					
PD-2	2-7		R81	BIKE LANE SYMBOL	1					
PD-2				R81B	END					
PD-2	2-8		R81	BIKE LANE SYMBOL	1					
PD-3	3-2		R81	BIKE LANE SYMBOL	1					
PD-3				R81A	BEGIN					
PD-3	3-3		R81	BIKE LANE SYMBOL	1					
PD-3	3-4		R81	BIKE LANE SYMBOL	1					
TOTAL					14	4	7	3	2	

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
SIGN QUANTITIES

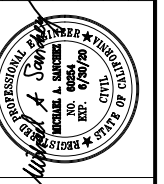
DRAWING: N09-300me001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Feb 4, 2019

SIGN QUANTITIES

No. OF SIGNS	SIGN No.	SIGN CODE		PANEL SIZE (L x D)	SIGN AREA	SINGLE FACED	BACKGROUND		LEGEND		PROTECTIVE OVERLAY	ROADSIDE		DESCRIPTION (REMARKS)	
		FEDERAL	CALIFORNIA				SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE		PREMIUM	0.063"		0.080"
			INCH x INCH										SQFT		SQFT
1	1-11		R61-5	36X30	7.5	X	WHITE	VIII	BLACK	-	X	8		LEFT LANE LEFT TURN ONLY. RIGHT LANE THRU OR RIGHT	
1	1-14	R3-1		24X24	4.0	X	WHITE	VIII	BLACK	-	X	4		RIGHT TURN PROHIBITED	
3	1-18, 1-19, 1-20	R3-4		24X24	4.0	X	WHITE	VIII	BLACK	-	X	12		U-TURN PROHIBITED	
2	1-17, 1-21	R9-3		18X12	1.5	X	WHITE	VIII	BLACK	-	X	3		NO PEDESTRIAN CROSSING	
2	1-17, 1-21	R9-3bP		12X18	1.5	X	WHITE	VIII	BLACK	-	X	3		USE CROSSWALK	
6	1-22, 1-24, 1-25, 2-7, 3-2		R81	24X18	3.0	X	WHITE	VIII	BLACK	-	X	15		BIKE LANE	
2	1-22, 3-2		R81A	12X5	0.4	X	WHITE	VIII	BLACK	-	X	1		BEGIN	
1	2-7		R81B	8X5	0.3	X	WHITE	VIII	BLACK	-	X	1		END	
1	1-23	R3-7R		30X30	6.3	X	WHITE	VIII	BLACK	-	X	6		RIGHT LANE MUST TURN RIGHT	
3	1-26, 1-27, 1-28	R10-22		18X12	1.5	X	WHITE	VIII	BLACK	-	X	5		TO REQUEST GREEN WAIT ON	
1	2-6	W4-2		36X36	9.0	X	YELLOW	VIII	BLACK	-	X	9		LANE ENDS	
TOTAL												66.1			

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
SIGN QUANTITIES

DRAWING: N09-300me002.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

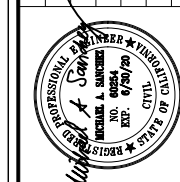
SHEET
SQ-2
91 OF 102 SHEETS

ROADWAY QUANTITIES

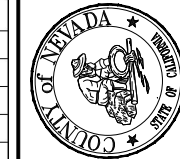
SHEET No.	FROM		TO		ROADWAY EXCAVATION CY	EMBANKMENT (N) CY	HOT MIX ASPHALT (TYPE A) TON	CLASS 2 AGGREGATE BASE CY	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA) SQYD	REMOVE BASE AND SURFACING CY	COLD PLANE ASPHALT CONCRETE PAVEMENT SQYD	DETECTABLE WARNING SURFACE SQFT	REMOVE CONCRETE CURB, GUTTER AND SIDEWALK LF	REMOVE CONCRETE ISLAND SQYD	MINOR CONCRETE (CURB-MATCH EXIST) LF	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) CY	MINOR CONCRETE (CURB AND GUTTER) CY	MINOR CONCRETE (ISLAND PAVING) CY	MINOR CONCRETE (DRIVEWAY) CY	MINOR CONCRETE (SIDEWALK) CY	MINOR CONCRETE (CURB RAMP) CY	COMMENTS							
	LINE	STATION	LINE	STATION																									
L-1	"C"	+58.45						3														2.60	CURB RAMP						
L-1	"C"	3+32.17						1															1.35	CURB RAMP					
L-1	"C"	3+76.88						1															1.43	CURB RAMP					
L-1	"C"	7+08.87						2															2.42	CURB RAMP					
L-1	"C"	6+88.01						2															2.23	CURB RAMP					
L-1	"C"	7+63.07						3															2.68	CURB RAMP					
L-2	"C"	7+83.74						2															2.09	CURB RAMP					
L-2	"C"	43+33.82						1															0.81	CURB RAMP					
L-2	"C"	1+20.00						10	17	62													2.83	DWY No. 1					
L-2	"C"	3+00.00						19	30	113													4.34	DWY No. 2					
L-2	"C"	10+20.00						6	10	35													2.13	DWY No. 3					
L-1	"C"	10+60.00						2	3	14															DWY No. 4				
L-1, L-2	"C"	12+00.00						7	9	42																DWY No. 5			
L-2	"C"	12+90.00						8	16	48																DWY No. 6			
	"C"	15+00.00							5																		DWY No. 7		
L-1, L-2	"C"	16+00.00						7	9	40																	DWY No. 8		
	"C"	16+50.00						1	3	4																	DWY No. 9		
L-1	"C"	18+00.00						9	12	55																	DWY No. 10		
L-1, L-2	"C"	19+00.00						14	25	80																	DWY No. 11		
L-2	"C"	21+20.00						26	34	152																	DWY No. 12		
L-1	"C"	29+40.00						27	46	162																	DWY No. 13		
L-1	"C"	31+30.00						30	53	176																	DWY No. 14		
L-2	"C"	35+10.00						11	18	65																	DWY No. 15		
L-2	"C"	+64.69	"C"	17+97.67				664	1235																			COMBIE NORTH STRUCTURAL SECTION	
L-2	"C"	2+32.02	"C"	4+32.59				59	109																			HIGGINS DWY STRUCTURAL SECTION	
L-2	"H"	102+00.00	"H"	102+75.3				6	11																			HIGGINS RD WEST STRUCTURAL SECTION	
L-2	"C"	8+80.75	"C"	15+90.03				165	306																			COMBIE SOUTH STRUCTURAL SECTION	
	"C"	+64.69	"C"	1+45.79				38																					
C-5	"C"	6+50.00	"C"	8+80.																									
	"C"	7+45.96	"C"	7+66.82																									
L-2	"H"	102+00.00	"H"	102+20.				8																					
	"C"	13+85.00	"C"	14+30.																									
SUBTOTAL																													
							1118	1966	1048													53.30		15.61					

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
SUMMARY OF QUANTITIES

DRAWING: N09-300sb001.dwg
DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

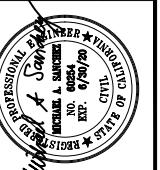
ROADWAY QUANTITIES

SHEET No.	FROM		TO		ROADWAY EXCAVATION	EMBANKMENT (N)	HOT MIX ASPHALT (TYPE A)	CLASS 2 AGGREGATE BASE	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	REMOVE BASE AND SURFACING	COLD PLANE ASPHALT CONCRETE PAVEMENT	DETECTABLE WARNING SURFACE	REMOVE CONCRETE CURB, GUTTER AND SIDEWALK	REMOVE CONCRETE ISLAND	MINOR CONCRETE (CURB-MATCH EXIST)	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	MINOR CONCRETE (CURB AND GUTTER)	MINOR CONCRETE (ISLAND PAVING)	MINOR CONCRETE (DRIVEWAY)	MINOR CONCRETE (SIDEWALK)	MINOR CONCRETE (CURB RAMP)	COMMENTS
	LINE	STATION	LINE	STATION	CY	CY	TON	CY	SQYD	CY	SQYD	SQFT	LF	SQYD	LF	CY	CY	CY	CY	CY	CY	
L-1, L-2	"C"	16+30.00	"C"	16+70.							176											
	"C"	18+80.00	"C"	19+00.			9				91											
L-1	"C"	+64.69	"C"	19+00.			2311															OVERLAY VOLUME
L-1	"C"	+56.44	"C"	7+28.11				73									41					CURB (TYPE A2-6)
L-1	"C"	1+00.27	"C"	3+42.17				28									16					CURB (TYPE A2-6)
L-1, L-2	"C"	3+76.36	"H"	102+00.				44									25					CURB (TYPE A2-6)
L-2	"H"	102+00.00	"C"	10+32.37				34									19					CURB (TYPE A2-6)
	"C"	7+63.07	"C"	16+80.91				97									55					CURB (TYPE A2-6)
L-2	"C"	18+52.43	"C"	19+31.95				9									5					CURB (TYPE A2-6)
L-2	"C"	27+55.23	"C"	33+00.01				58									32					CURB (TYPE A2-6)
	"C"	34+32.43	"C"	35+34.22				11									6					CURB (TYPE A2-6)
L-2	"C"	42+56.69	"C"	43+20.8				6									4					CURB (TYPE A2-6)
L-2	"C"	+78.52	"C"	6+81.34													6					CURB (TYPE A3-6)
	"C"	+78.52	"C"	6+81.34													6					CURB (TYPE A3-6)
L-1	"C"	7+28.11	"H"	104+05.													0					CURB (TYPE A1-6)
L-1	"H"	104+05.00	"C"	7+63.07													0					CURB (TYPE A1-6)
L-1	"C"	3+51.81	"C"	3+79.45													2					CURB (TYPE A1-6)
															16.17							DWY No. 5
L-2															7.19							DWY No. 13
L-2														5.15	29.11							DWY No. 14
															11.43							DWY No. 15
L-2															19.90							HIGGINS PORK CHOP ISLAND
L-2							6									3.20						VALLEY GUTTER AT DWY No. 13
L-2							9									4.46						VALLEY GUTTER AT DWY No. 14
	"C"	1+27.61	"C"	3+32.17				13												13.21		SIDEWALK
	"C"	3+85.67	"C"	6+88.01				19												18.66		SIDEWALK
	"C"	7+99.47	"C"	10+08.46				12												11.87		SIDEWALK
	"C"	7+85.03	"C"	18+76.89				115												114.88		SIDEWALK
	"C"	19+20.14	"C"	20+93.06				19												18.99		SIDEWALK
	"C"	27+55.23	"C"	28+97.6				14												13.95		SIDEWALK
	"C"	29+66.42	"C"	30+82.59				12												11.56		SIDEWALK
	"C"	31+76.12	"C"	43+36.58				112												111.82		SIDEWALK
SUBTOTAL							2320	689			268			5.15	83.80	7.66	218			314.95		

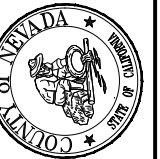
(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
SUMMARY OF QUANTITIES

DRAWING: N09-300sb002.dwg

DESIGNED: MAS

DRAWN: BG

CHECKED: JPJ

JOB NO: N09-300

DATE: Jan 30, 2019

SHEET

Q-2

93 OF 102 SHEETS

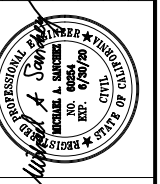
ROADWAY QUANTITIES

SHEET No.	FROM		TO		ROADWAY EXCAVATION CY	EMBANKMENT (N) CY	HOT MIX ASPHALT (TYPE A) TON	CLASS 2 AGGREGATE BASE CY	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA) SQYD	REMOVE BASE AND SURFACING CY	COLD PLANE ASPHALT CONCRETE PAVEMENT SQYD	DETECTABLE WARNING SURFACE SQFT	REMOVE CONCRETE CURB, GUTTER AND SIDEWALK LF	REMOVE CONCRETE ISLAND SQYD	MINOR CONCRETE (CURB-MATCH EXIST) LF	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) CY	MINOR CONCRETE (CURB AND GUTTER) CY	MINOR CONCRETE (ISLAND PAVING) CY	MINOR CONCRETE (DRIVEWAY) CY	MINOR CONCRETE (SIDEWALK) CY	MINOR CONCRETE (CURB RAMP) CY	COMMENTS
	LINE	STATION	LINE	STATION																		
	"C"	3+25.65	"C"	5+92.76														38				ISLAND PAVING
	"C"	1+24.66	"C"	1+36.13									11.00									HIGGINS MARKETPLACE
	"C"	27+55.23	"C"	27+93.78									40.00									EAST SIDEWALK CONFORM
	"C"	3+71.05	"C"	3+99.31										5								HIGGINS DRIVEWAY
	"C"	6+07.97	"C"	6+55.12						20												EXISTING FIRESTATION DRIVEWAY
	"C"	+64.69	"C"	17+97.67	3583	9																COMBIE NORTH-WEST
	"C"	1+08.86	"C"	2+32.02	4	17																HIGGINS MARKETPLACE WEST
	"C"	4+32.59	"C"	102+00.00	27	101																HIGGINS ROAD WEST
	"H"	102+00.00	"C"	15+90.03	110	161																HIGGINS ROAD EAST
	"C"	16+80.12	"C"	20+93.14	21	105																SIDEWALK WEST
	"C"	27+58.71	"C"	43+20.05	556	113																SIDEWALK EAST
	"C"	16+80.12	"C"	43+20.05	181	86																LANDSCAPE
	"C"	2+32.02	"C"	4+32.59	158																	HIGGINS MARKETPLACE DWY
	"C"	9+54.20	"C"	9+96.80	6	9																HIGGINS MARKETPLACE SIDEWALK
	"C"	8+54.11	"C"	8+80.75	112	165																NORTH RIDGE GRADING
	"C"	3+55.00										16.0										
	"C"	3+65.00										16.0										
SUBTOTAL FROM SHEET Q-3					4758	767				20		32.0	51.00	5				38				
FROM STAGE CONSTRUCTION QUANTITIES							198															
SUBTOTAL FROM SHEET Q-1							1118	1966	1048		1814								53		16	
SUBTOTAL FROM SHEET Q-2							2320	689			268			5	84	8	218			315		
TOTAL					4758	767	3636	2655	1048	20	2082	32.0	51.00	10	84	8	218	38	53	315	16	

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

REVISIONS

NO.	DESCRIPTION	BY	DATE



**NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION**



**COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
SUMMARY OF QUANTITIES**

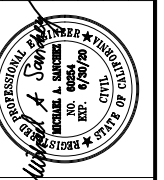
DRAWING: N09-300sb003.dwg
 DESIGNED: MAS
 DRAWN: BG
 CHECKED: JPJ
 JOB NO: N09-300
 DATE: Jan 30, 2019

FENCE QUANTITIES

SHEET No.	FROM			TO			RELOCATE GATE	REMOVE FENCE	FENCE (TYPE BW, 4-STRAND, WOOD POST)
							SQFT	LF	LF
EC-1	"C"	14+85	Lt	"C"	14+89.23	Lt			5
EC-1	"C"	15+00.58	Lt	"C"	16+45.77	Lt			140
EC-1	"C"	16+53.28	Lt	"C"	18+05.81	Lt			154
EC-1	"C"	18+12.65	Lt	"C"	18+89.65	Lt			79
EC-1	"C"	19+08.25	Rt	"C"	20+02.84	Rt			104
EC-1	"C"	15+00.00	Rt	-	-	-	1		
EC-1	"C"	19+00.00	Rt	-	-	-	1		
EC-1	"C"	14+84.61	Lt	"C"	15+73.58	-		119	
EC-1	"C"	16+56.72	Rt	"C"	18+04.60	-		156	
EC-1	"C"	18+32.01	Lt	"C"	20+02.84	-		181	
TOTAL							2	456	482

REVISIONS

NO.	DESCRIPTION	BY	DATE



NEVADA COUNTY
DEPARTMENT OF PUBLIC WORKS
DESIGN/CONSTRUCTION DIVISION



COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
SUMMARY OF QUANTITIES

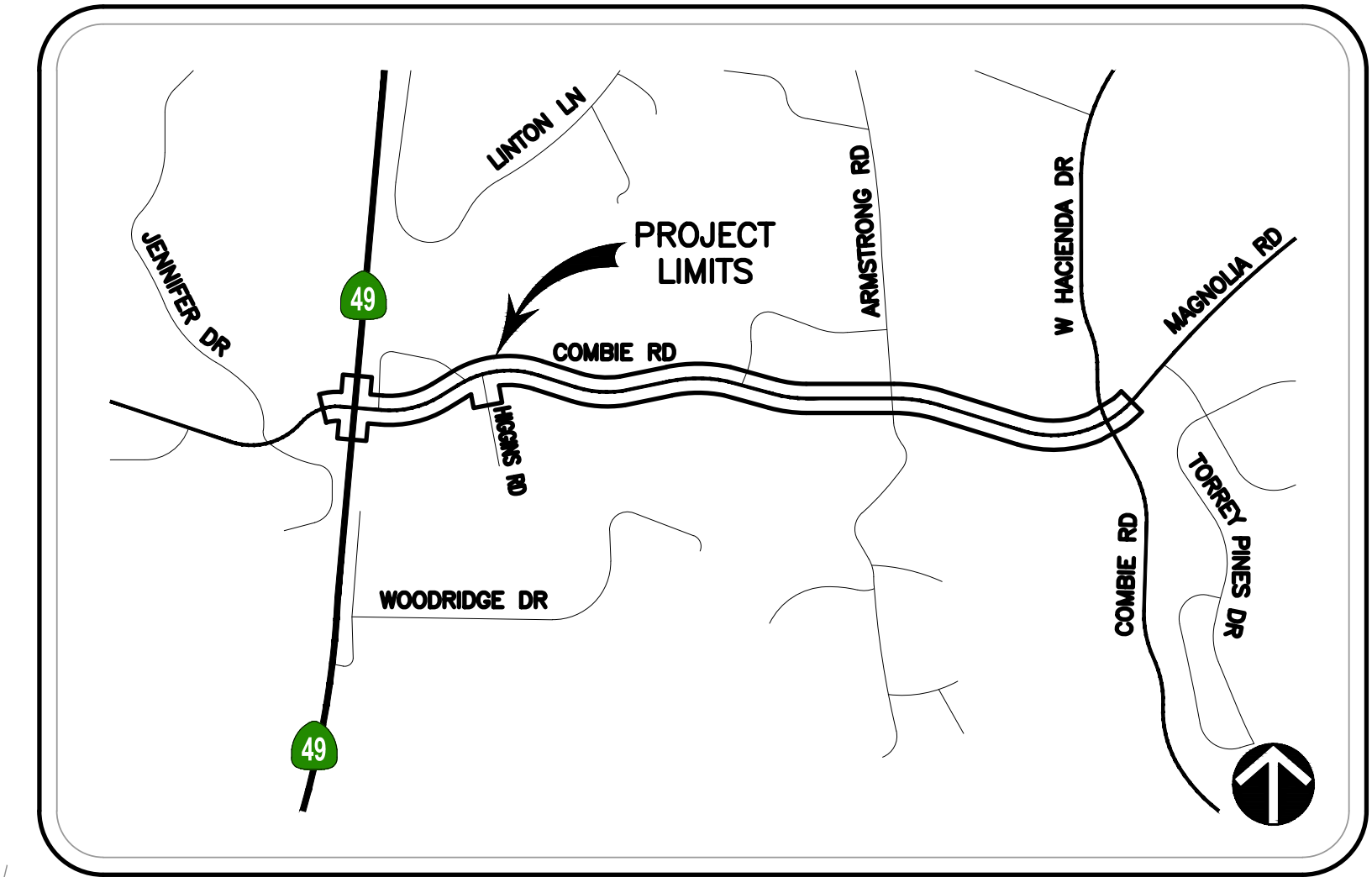
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DESIGNED: MAS
DRAWN: BG
CHECKED: JPJ
JOB NO: N09-300
DATE: Jan 30, 2019

SHEET
Q - 4
95 of 102 SHEETS

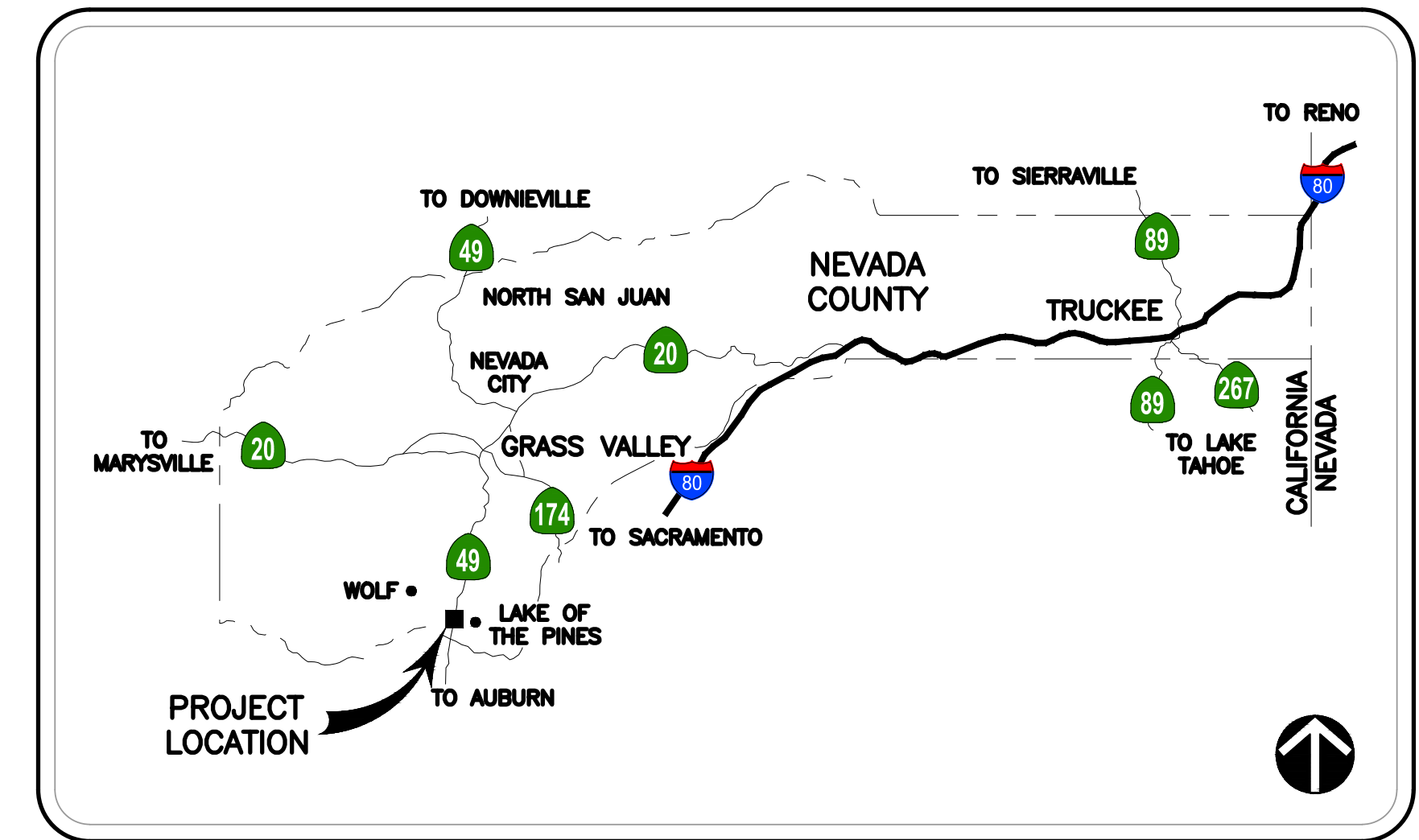
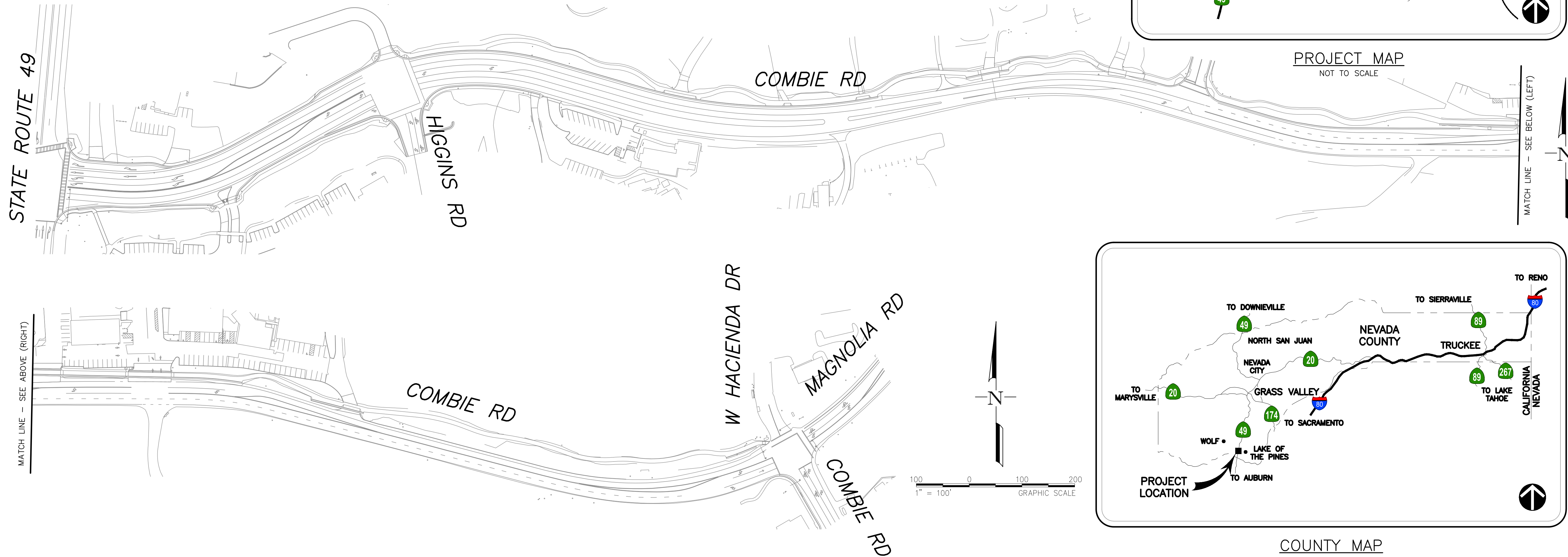
GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE 2018 EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS AND MOST RECENT REVISIONS, 2014 CALIFORNIA MUTCD, AND THE SPECIAL PROVISIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UNDERGROUND UTILITIES, WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CONTACT USA (800-227-2600) AT LEAST 48 HOURS BEFORE BEGINNING WORK.
3. EXISTING IMPROVEMENTS, INCLUDING SUBSTRUCTURES, THAT ARE DAMAGED BY THE CONTRACTOR, WHICH ARE NOT DESIGNATED BY THE PLANS OR SPECIFICATIONS TO BE DISTURBED, SHALL BE RESTORED OR REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL POSSESS A VALID CLASS A OR C10 CONTRACTOR'S LICENSE AT THE TIME OF BID OPENING AND FOR THE DURATION OF THE PROJECT.

IMPROVEMENT PROJECT PLANS FOR NEVADA COUNTY DEPARTMENT OF PUBLIC WORKS COMBIE ROAD CORRIDOR IMPROVEMENT PROJECT



PROJECT MAP
NOT TO SCALE



COUNTY MAP
NOT TO SCALE

SHEET INDEX:

NO.	SHEET TITLE
E-1	COVER SHEET
E-2 to E-4	COMBIE ROAD AND STATE ROUTE 49 TRAFFIC SIGNAL MODIFICATION PLAN
E-5 to E-6	COMBIE ROAD AND HIGGINS ROAD TRAFFIC SIGNAL INSTALLATION PLAN
E-7	COMBIE ROAD STREET LIGHTING PLAN

APPLICABLE 2018 CALTRANS STANDARD PLANS

RSP ES-1A	RSP ES-4B	RSP ES-5D	ES-7N	ES-11
RSP ES-1B	ES-4C	ES-6A	RSP ES-7O	ES-13A
RSP ES-1C	RSP ES-4D	RSP ES-7A	ES-7P	RSP ES-13B
RSP ES-2A	RSP ES-4E	RSP ES-7B	ES-7R	
RSP ES-2D	ES-5A	ES-7F	ES-8A	
RSP ES-3C	RSP ES-5B	ES-7H	ES-8B	
RSP ES-4A	ES-5C	RSP ES-7M	ES-10A	

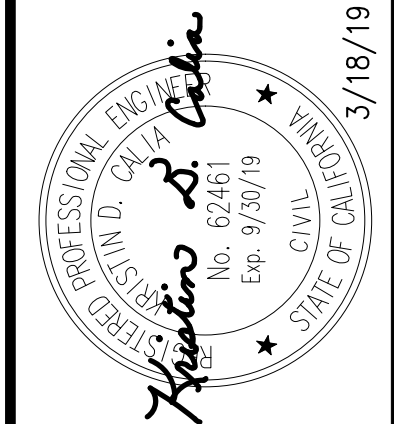
ABBREVIATIONS:

PG&E PACIFIC GAS & ELECTRIC

APPROVED BY:

_____ R.C.E. _____	DATE _____
PRINCIPAL CIVIL ENGINEER DEPARTMENT OF PUBLIC WORKS	
_____	DATE _____
DIRECTOR DEPARTMENT OF PUBLIC WORKS	
_____	DATE _____
CHAIR BOARD OF SUPERVISORS	

NO.	DATE	DESCRIPTION	BY
1	X/XX/XX		



DRAWN BY: D. MURPHY
DESIGNED BY: D. MURPHY
CHECKED BY: K. CALIA
DATE: MAR 18, 2019
PROJECT NO: RS15-3297

FEHR PEERS
1013 Galleria Boulevard
Suite 255
Roseville, CA 95678
(916) 773-1900

**COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT
COVER SHEET**

SHEET
E-1
OF

Mar 18, 2019 CADD FILE: 3297-E01-ED6_Signals.dwg

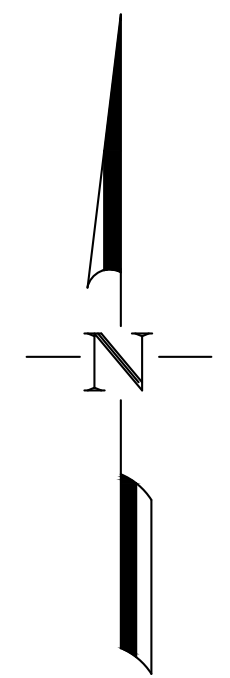
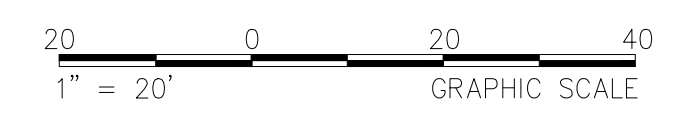
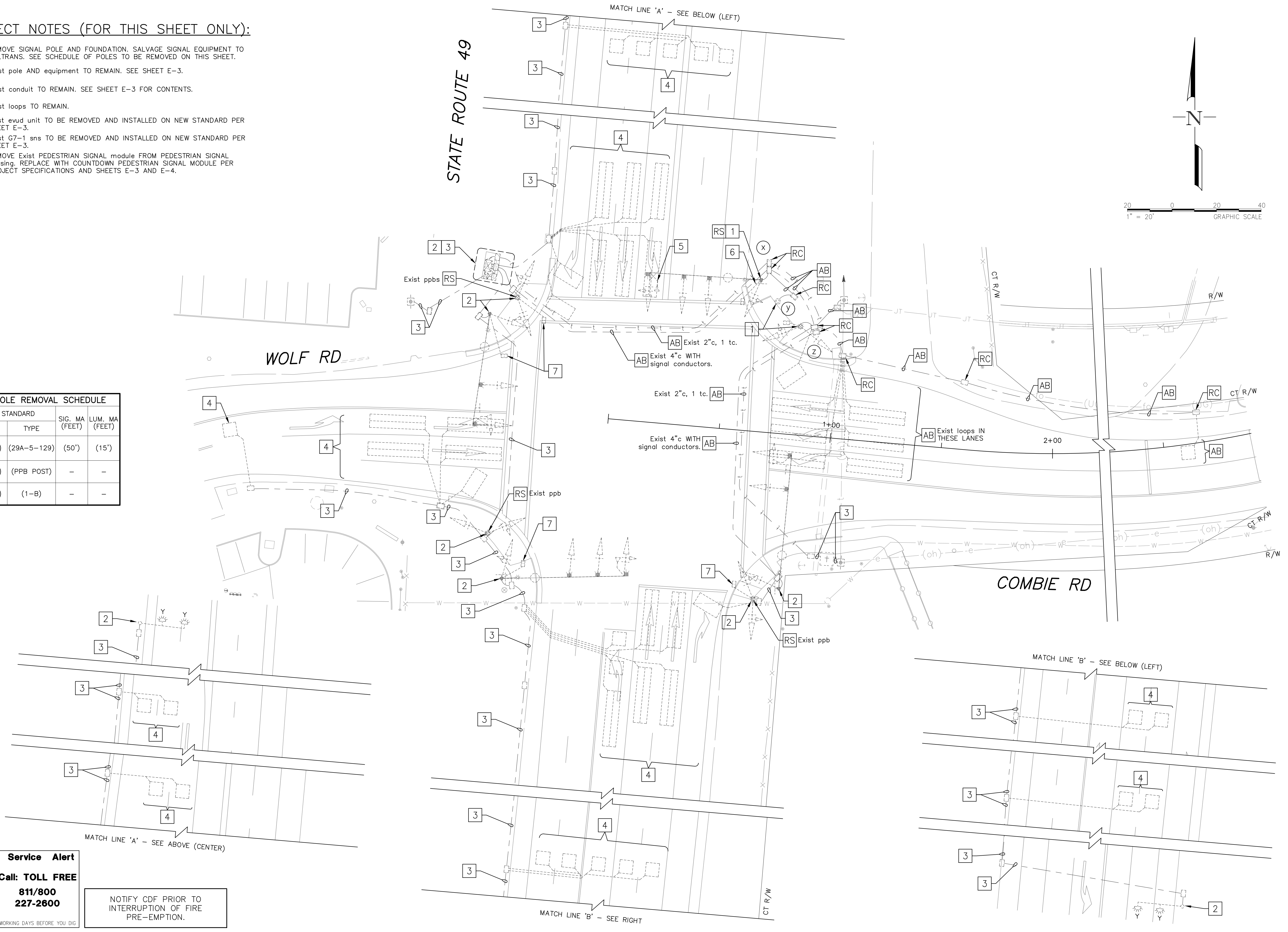
Underground Service Alert
Call: TOLL FREE
**811/800
227-2600**
TWO WORKING DAYS BEFORE YOU DIG

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PROJECT NOTES (FOR THIS SHEET ONLY):

- 1 REMOVE SIGNAL POLE AND FOUNDATION. SALVAGE SIGNAL EQUIPMENT TO CALTRANS. SEE SCHEDULE OF POLES TO BE REMOVED ON THIS SHEET.
- 2 Exist pole AND equipment TO REMAIN. SEE SHEET E-3.
- 3 Exist conduit TO REMAIN. SEE SHEET E-3 FOR CONTENTS.
- 4 Exist loops TO REMAIN.
- 5 Exist evud unit TO BE REMOVED AND INSTALLED ON NEW STANDARD PER SHEET E-3.
- 6 Exist G7-1 sns TO BE REMOVED AND INSTALLED ON NEW STANDARD PER SHEET E-3.
- 7 REMOVE Exist PEDESTRIAN SIGNAL module FROM PEDESTRIAN SIGNAL housing. REPLACE WITH COUNTDOWN PEDESTRIAN SIGNAL MODULE PER PROJECT SPECIFICATIONS AND SHEETS E-3 AND E-4.

POLE REMOVAL SCHEDULE			
STANDARD			
LOC	TYPE	SIG. MA (FEET)	LUM. MA (FEET)
(X)	(29A-5-129)	(50')	(15')
(Y)	(PPB POST)	-	-
(Z)	(1-B)	-	-



Underground Service Alert
 Call: TOLL FREE
**811/800
 227-2600**
 TWO WORKING DAYS BEFORE YOU DIG

NOTIFY CDF PRIOR TO INTERRUPTION OF FIRE PRE-EMPTION.

REVISIONS	
NO.	DATE
1	X/XX/XX

BY: _____

DESIGNED BY: D. MURPHY
 CHECKED BY: K. CALIA
 DATE: MAR 18, 2019
 PROJECT NO: RS15-3297

FEHR PEERS
 1013 Galleria Boulevard
 Suite 255
 Roseville, CA 95678
 (916) 773-1900

COMBIE ROAD CORRIDOR IMPROVEMENT PROJECT
COMBIE ROAD AND STATE ROUTE 49
SIGNAL EQUIPMENT REMOVAL PLAN

Mar 18, 2019 CADD FILE: 3297-E01-ED6_Signals.dwg

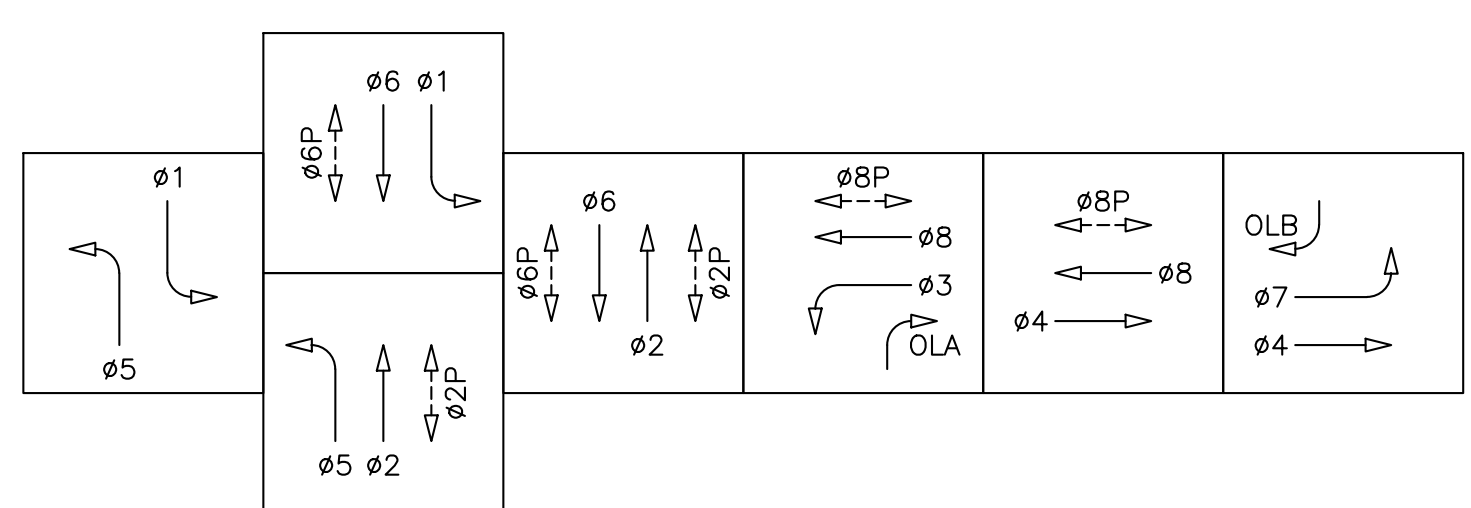
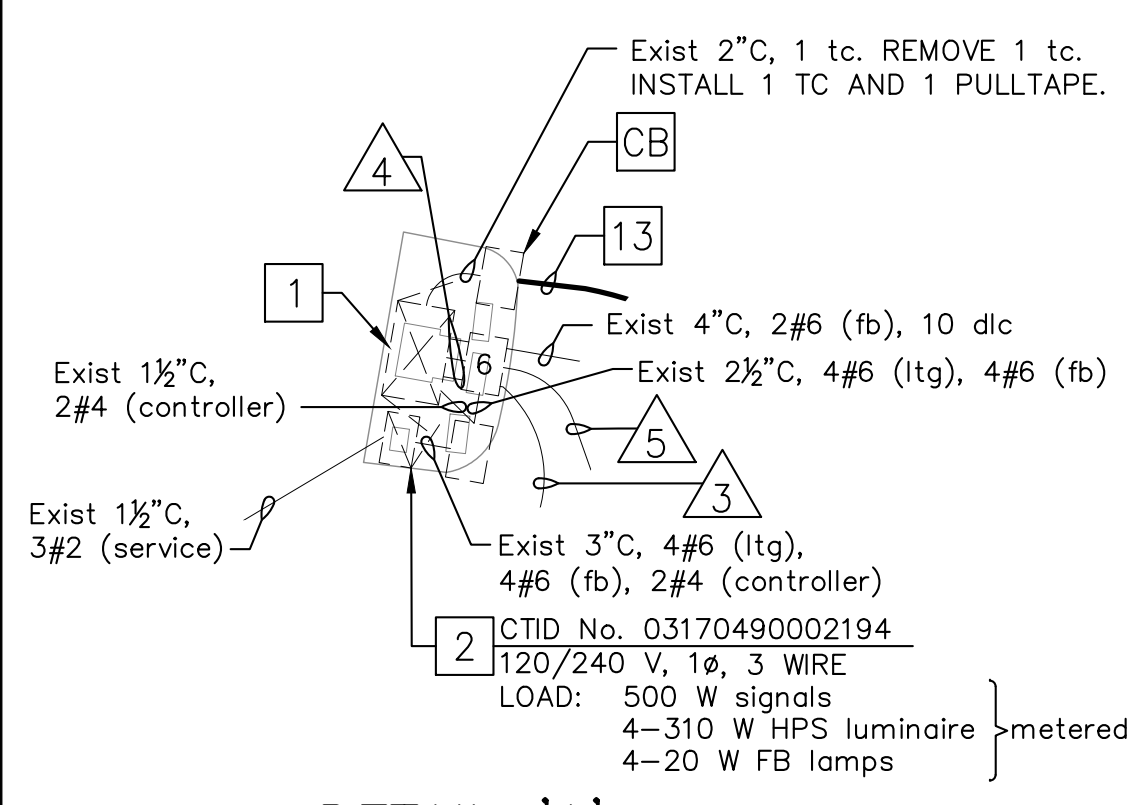
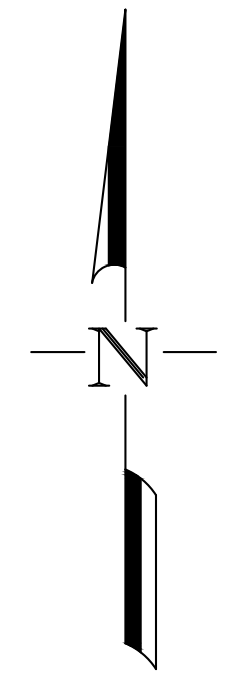
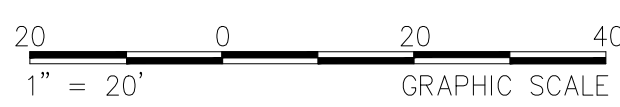
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GENERAL NOTES (FOR THIS SHEET ONLY):

1. ALL NEW PULL BOXES SHALL BE TRAFFIC RATED.

PROJECT NOTES (FOR THIS SHEET AND E-4 ONLY):

- 1 Exist 332 cabinet WITH 2070 controller AND bbs TO REMAIN. FURNISH AND INSTALL 2070-7G GPS UNIVERSAL TIME BASE MODULE. FURNISH GPS ANTENNA AND INSTALL ON TOP OF CONTROLLER CABINET AS DIRECTED BY CALTRANS ENGINEER IN THE FIELD.
- 2 Exist TYPE III-AF service equipment enclosure WITH TYPE V pec TO REMAIN.
- 3 NEW SIGNAL POLES TO BE POWDER COAT BLACK TO MATCH EXISTING EQUIPMENT.
- 4 INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL INTO Exist PEDESTRIAN SIGNAL housing.
- 5 INSTALL ACCESSIBLE PEDESTRIAN SIGNAL.
- 6 INSTALL HOLOPHANE TEARDROP LED MODEL 'ESL2 P50S 27K AS BK TG 3'.
- 7 INSTALL DETECTOR LOOPS PER CALTRANS STANDARD PLANS ES-5A AND RSP ES-5B.
- 8 INSTALL Exist G7-1 sns REMOVED ON SHEET E-2.
- 9 REALIGN Exist signal heads AND Exist evud AS SHOWN.
- 10 INSTALL Exist evud REMOVED ON SHEET E-2.
- 11 SPLICE Exist loop wires TO NEW DLC.
- 12 INSTALL 3'x3' TYPE D DETECTOR LOOP WITH FRONT OF LOOP OFFSET 1' FROM THE LIMIT LINE.
- 13 2"C, 1 TC, 1 PULLTAPE.
- 14 BORE CONDUIT UNDER ROADWAY.
- 15 2"C, 2#14 (FIRE PRE-EMPTION)



EMERGENCY VEHICLE PREEMPTION

DESIGN SPEED:
COMBIE ROAD = 40 MPH

NOTIFY CDF PRIOR TO INTERRUPTION OF FIRE PRE-EMPTION.

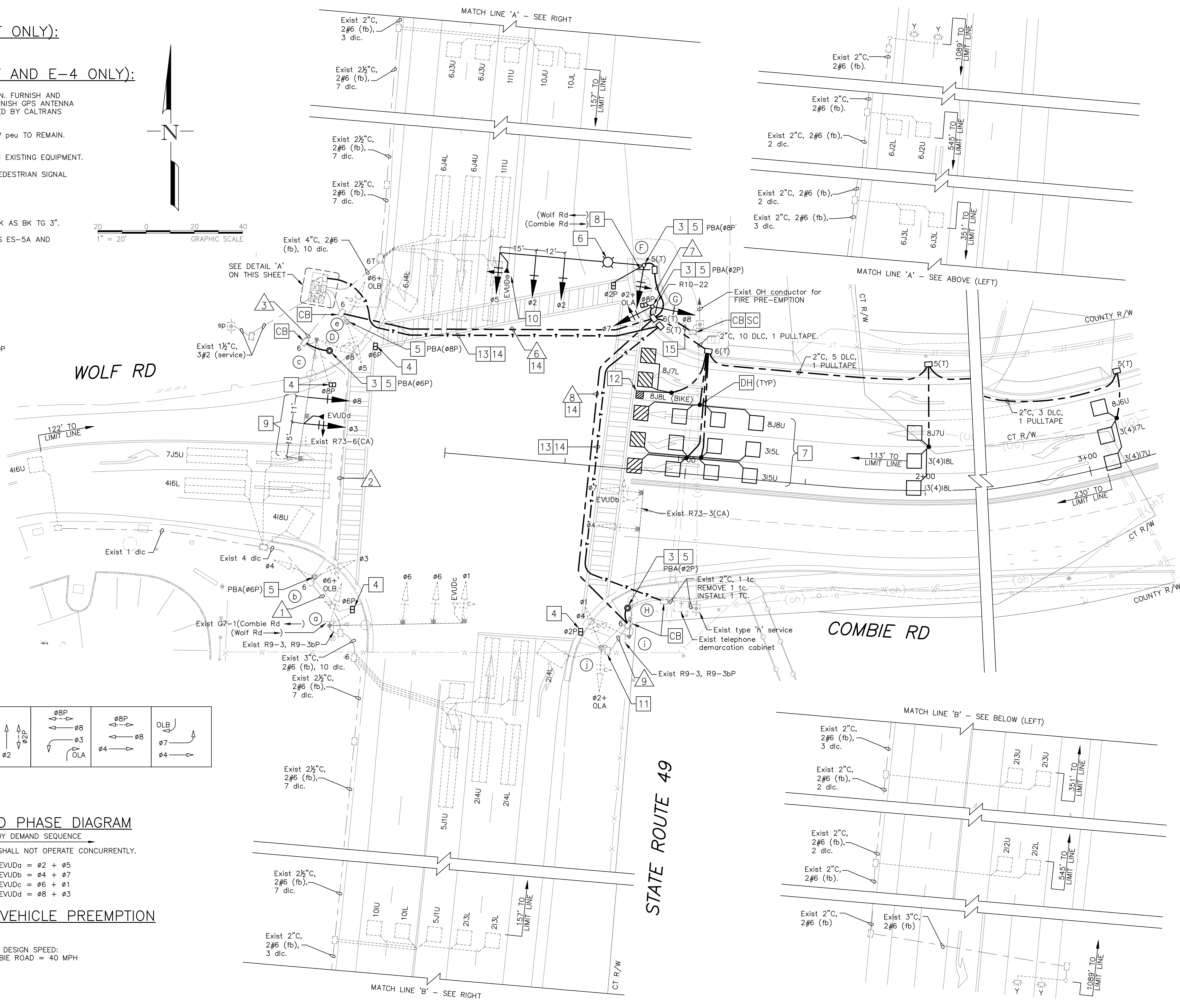
Underground Service Alert

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TWO WORKING DAYS BEFORE YOU DIG

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REVISIONS	
NO.	DESCRIPTION

DRAWN BY: D. MURPHY
 DESIGNED BY: D. MURPHY
 CHECKED BY: K. CALLA
 DATE: MAR 18, 2019
 PROJECT NO: RS15-3297

FEHR PEERS

1013 Galleria Boulevard
Suite 255
Roseville, CA 95678
(916) 773-1900

COMBIE ROAD CORRIDOR IMPROVEMENT PROJECT

COMBIE ROAD AND STATE ROUTE 49 TRAFFIC SIGNAL MODIFICATION PLAN

SHEET
E-3
OF 1

CONDUCTOR SCHEDULE														
CONDUCTOR DESIGNATION			NUMBER OF CONDUCTORS											
CABLE TYPE	S T D	PHASE	RUN NUMBER AND SIZE (in)											
			1 (3")	2 (4")	3 (4")	4 (3-4")	5 (4")	6 4"	7 3"	8 3"	9 (1 1/2")			
VEH-PED 12CSC	a	1,6+OLB,6P	(1)	(1)	(1)	(1)								
	b	3,4	6	(1)	(1)	(1)	(1)							
	c	3,8,8P			(1)	(1)								
	d		6			1	1							
	e	5,6+OLB,6P	8			1	1	1						
	f	2+OLA,5,2P	8			1	1	1	1	1				
	g	7,8,8P	2			1	1	1						
	h		2			1	1	1		1				
PPB 3CSC	i	4,7			1	1	1		1					
	j	1,2+OLA,2P			1	1	1		1	1				
TOTAL CABLES 12/3 CONDUCTORS			(1)	(2)	(3)	(3)	5	4	4	3	1	2	1	1
#14	FIRE PRE-EMPTION					2	2	2						
#6	LIGHTING		(2)	(2)	(2)		2	2	2	2				
	FLASHING BEACON		(2)	(2)	(2)									
TYPE B DLC	ø1					(2)								
	ø2		(6)	(6)	(6)	(6)	1	1		1	1			
	ø3					5	5	5						
	ø4			(3)	(3)	(3)								
	ø5		(2)	(2)	(2)	(2)								
	ø6					(6)								
	ø7			(1)	(1)	(1)								
	ø8						5	5	5					
COUNT LOOP		(2)	(2)	(2)	(4)									
TOTAL DLCs PER RUN			(10)	(14)	(14)	(24)	11	11		1	1		1	
EVUC (OPTICOM 138)			(1)	(1)	(2)	(2)	2	2	1	1				
GPS RADIO EVUC (OPTICOM 1070)					(1)	(1)								
PERCENT FILL			21	18	24	18	28	25	11	17	22			

NOTES:
 ALL CONDUITS, CABLES, AND CONDUCTORS SHALL BE NEW UNLESS OTHERWISE NOTED.
 (XX) = DENOTES EXISTING CONDUIT OR CONDUCTOR TO REMAIN

EQUIPMENT SCHEDULE											
LOC	STANDARD	TYPE	SIG. MA (FEET)	LUM. MA (FEET)	VEHICLE SIGNAL MOUNTING		PEDESTRIAN SIGNAL MOUNTING	APS PBA		LUMINAIRE	REMARKS
					MAST ARM (MAT) (MAS) (MAS)	POLE		ø	ARROW		
a	(61A-5-129)	(55')	(15')			(SV-1-TB)	(SP-1-T)			(310 W HPS)	4 (EVUDc), (G7-1 sign), (R9-3 sign), AND (R9-3bP sign).
b	(1-B)					(TV-2-T)		ø6	→		5
c	(29A-5-129)	(50')	(15')			(MAT) (MAS)	(SV-1-TB)	(SP-1-T)		(310 W HPS)	4 9 (GPS EVP radio), (EVUDd), (R73-6(CA) sign).
d	PBA POST							ø6	←		3 5
e	(1-B)					(TV-2-T)	(SP-1-T)	ø8	→		4 5
f	61A-5-100	60'	15'			MAT MAS MAS	SV-1-TB	SP-1-T	ø8	←	6 174 W LED 3 5 8 10 INSTALL EVUDa ATOP SIGNAL HEAD.
g	1-B					TV-2-T	SP-1-T	ø2	→		3 5 INSTALL R10-22 SIGN ON SIGNAL POLE.
h	PBA POST							ø2	←		3 5
i	(61A-5-129)	(60')	(15')			(MAT) (MAS)	(SV-1-TB)			(310 W HPS)	(EVUDb), (R73-3(CA) sign), (R9-3 sign), (R9-3bP sign).
j	(1-B)					(TV-2-T)	(SP-1-T)				4

NOTES:
 (XX) = DENOTES EXISTING EQUIPMENT TO REMAIN
 1. ALL EQUIPMENT IS NEW UNLESS OTHERWISE NOTED.
 2. PEDESTRIAN PUSH BUTTONS SHALL BE ACCESSIBLE PEDESTRIAN SIGNALS (APS) WITH 9"x15" R10-3E SIGN.
 3. PEDESTRIAN SIGNALS SHALL BE LED COUNTDOWN PEDESTRIAN SIGNAL MODULE.
 4. SEE SHEET E-3 FOR PROJECT NOTES

REVISIONS

NO.	DATE	DESCRIPTION	BY
1	X/XX/XX		

PROFESSIONAL ENGINEER
 K. CALLA
 No. 67461
 Exp. 9/30/19
 STATE OF CALIFORNIA
 3/18/19

DRAWN BY: D. MURPHY
 DESIGNED BY: D. MURPHY
 CHECKED BY: K. CALLA
 DATE: MAR 18, 2019
 PROJECT NO: RS15-3297

FEHR PEERS
 1013 Galleria Boulevard
 Suite 255
 Roseville, CA 95678
 (916) 773-1900

**COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT**
 COMBIE ROAD AND STATE ROUTE 49
 EQUIPMENT AND CONDUCTOR SCHEDULES

GENERAL NOTES (FOR THIS SHEET AND SHEET E-6 ONLY):

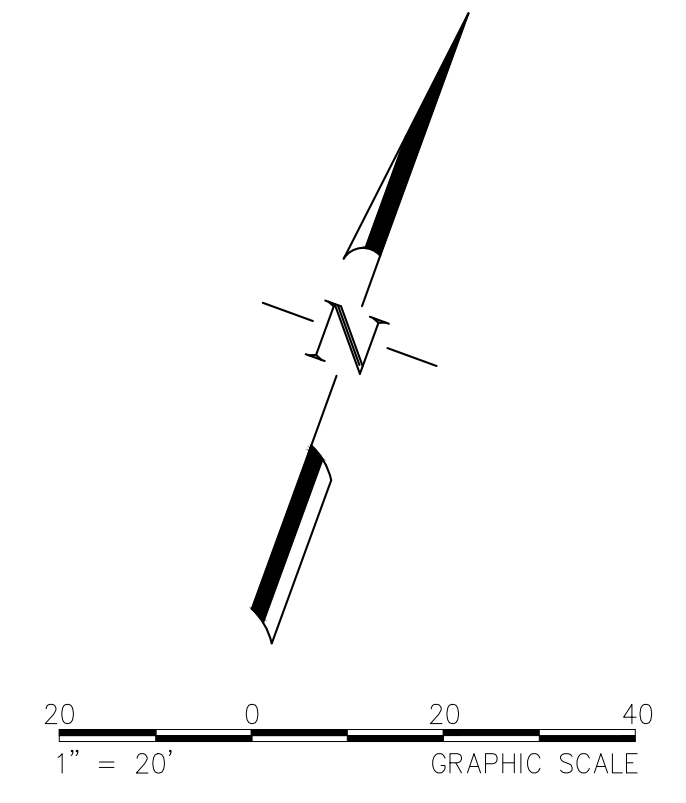
1. INFRARED EVUDs SHALL BE OPTICOM MODEL 721 DETECTORS AND SHALL BE MOUNTED ON TRAFFIC SIGNAL HEADS PER CALTRANS STANDARD DETAIL ES-4E.

PROJECT NOTES (FOR THIS SHEET AND SHEET E-6 ONLY):

1. FURNISH AND INSTALL 8'x15'x4.5" CONCRETE MAINTENANCE PAD.
2. FURNISH AND INSTALL TYPE 332 TRAFFIC SIGNAL CONTROLLER CABINET AND FOUNDATION PER CALTRANS STANDARD PLAN RSP ES-3C. FURNISH AND INSTALL NAZTEC 2070L CONTROLLER, 2070-7G GPS UNIVERSAL TIME BASE MODULE, OPTICOM MODEL 764 PHASE SELECTOR WITH OPTICOM 768 AUXILIARY INTERFACE PANEL, THERMAL VIDEO DETECTION SYSTEM, AND APPURTENANCES. FURNISH GPS ANTENNA AND INSTALL ON TOP OF CONTROLLER CABINET.
3. FURNISH AND INSTALL 100 A, 120/240 V, TYPE III-AF SERVICE PEDESTAL AND CABINET WITH INTEGRATED BATTERY BACK UP SYSTEM. PROVIDE ITEMS 1 THROUGH 8, 10, 15 THROUGH 20 THROUGH 23 AND 27 PER CALTRANS STANDARD PLAN RSP ES-2D. FURNISH AND INSTALL FOUNDATION PER MANUFACTURERS REQUIREMENTS. CONTRACTOR TO COORDINATE WITH PG&E FOR SERVICE CONNECTION.
4. FURNISH AND INSTALL 4-SECTION HEAD PER DETAIL 'E' ON THIS SHEET.
5. SERVICE POINT TO BE DETERMINED.
6. FURNISH AND INSTALL DOUBLE-SIDED LED IISNS.
7. FURNISH AND INSTALL THERMAL VIDEO DETECTION CAMERA ON SIGNAL MAST ARM ON 6' RISER POLE PER MANUFACTURER SPECIFICATIONS.
8. INSTALL DETECTOR LOOPS PER DETAIL 'F' ON THIS SHEET.
9. INSTALL 3'x3' TYPE D DETECTOR LOOP WITH FRONT OF LOOP OFFSET 1' FROM THE LIMIT LINE.
10. INSTALL OPTICOM MODEL 1010 GPS RADIO UNIT ON TRAFFIC SIGNAL POLE.

LEGEND (THIS SHEET ONLY):

- THERMAL IMAGING DETECTION ZONE (EXACT LOCATION AND SIZE TO BE DETERMINED IN THE FIELD).
- THERMAL IMAGING DETECTION CAMERA.
- DOUBLE-SIDED INTERNALLY ILLUMINATED (LED) STREET NAME SIGN.



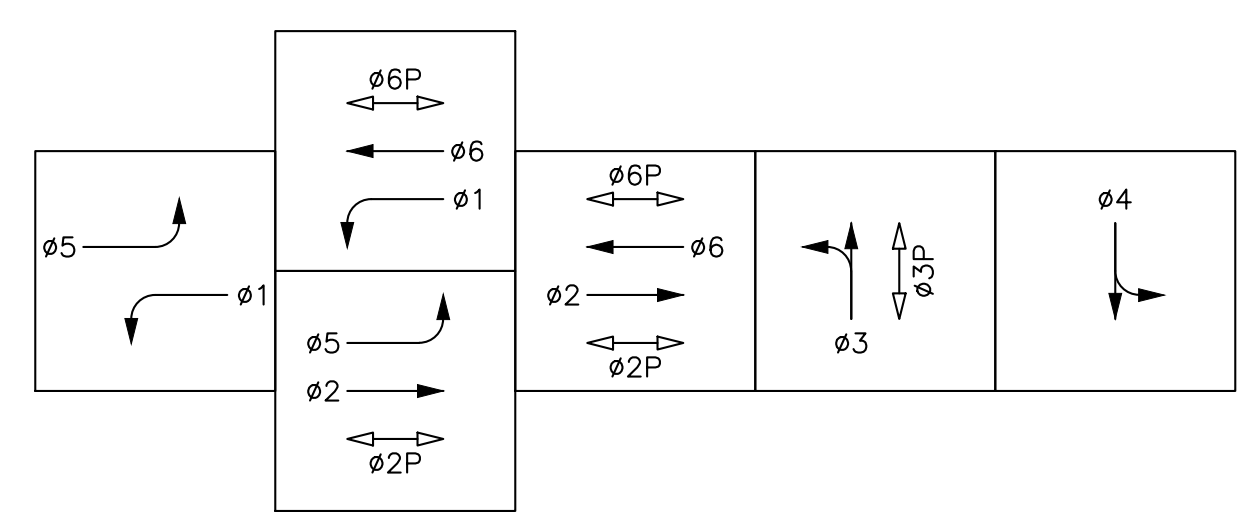
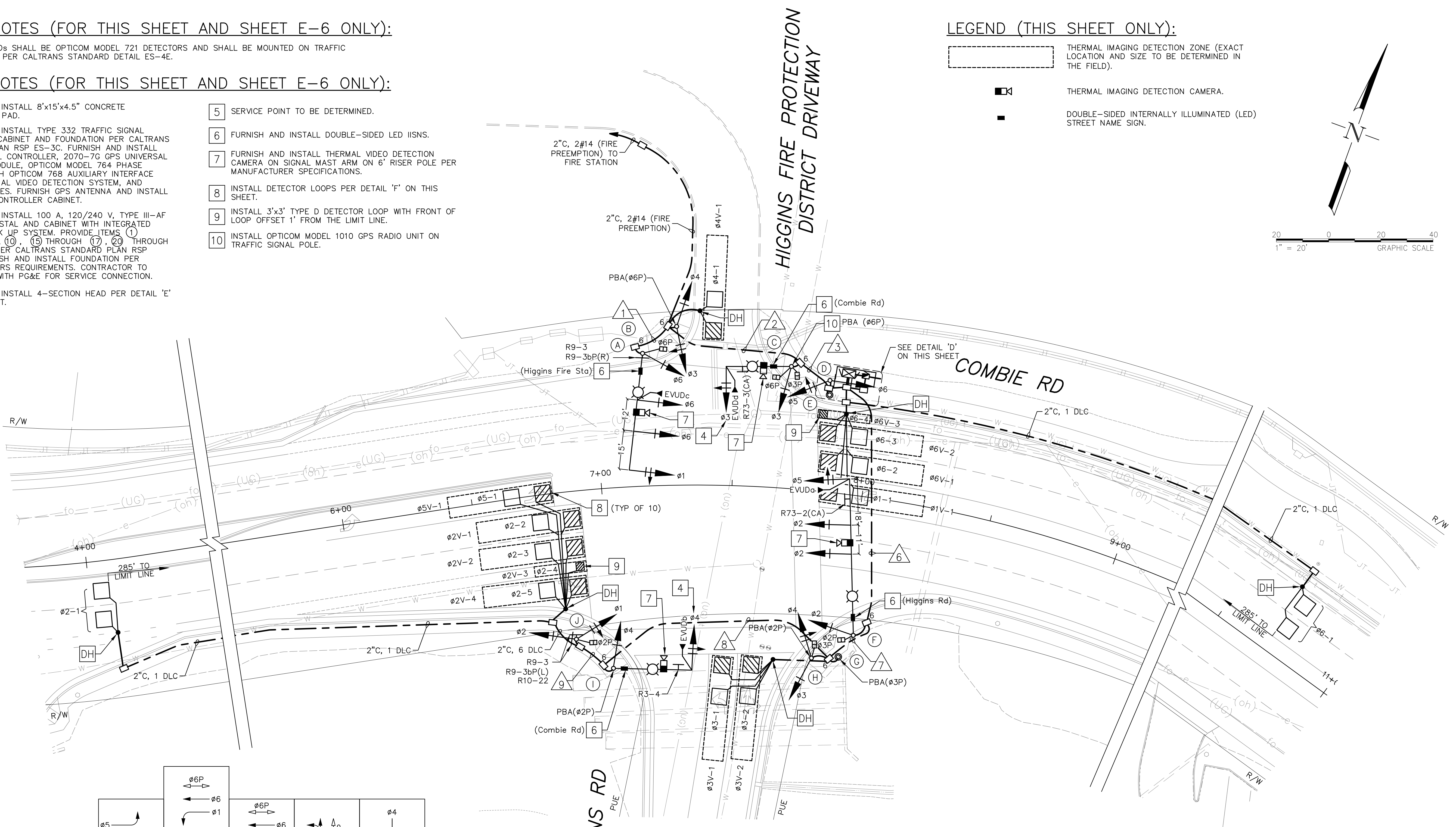
REVISIONS	
NO.	DESCRIPTION

NO.	DATE	BY

DRAWN BY:	D. MURPHY
DESIGNED BY:	D. MURPHY
CHECKED BY:	K. CALIA
DATE:	MAR 18, 2019
PROJECT NO.:	RS15-3297

FEHR PEERS
 1013 Galleria Boulevard
 Suite 255
 Roseville, CA 95678
 (916) 773-1900

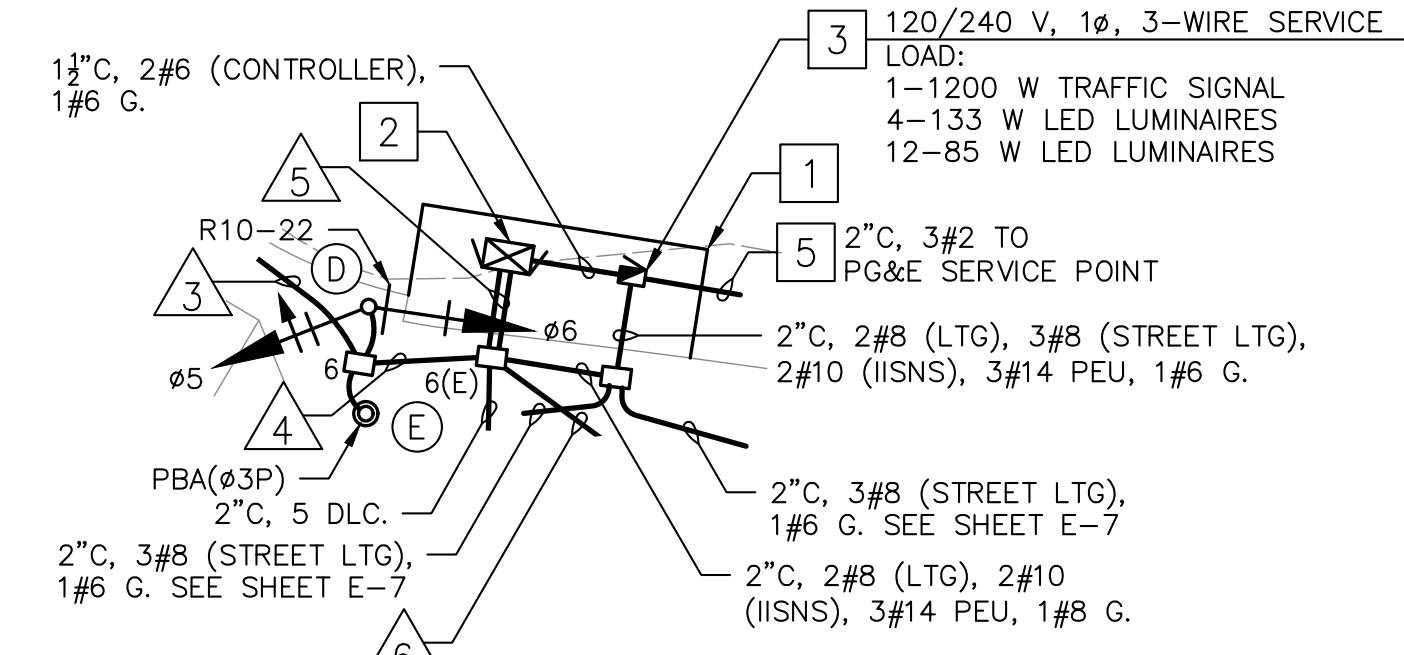
COMBIE ROAD CORRIDOR IMPROVEMENT PROJECT
COMBIE ROAD AND HIGGINS ROAD
TRAFFIC SIGNAL INSTALLATION PLAN



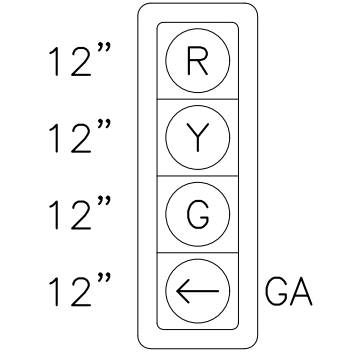
PROPOSED PHASE DIAGRAM
 STEADY DEMAND SEQUENCE

- EVUDa = φ2 + φ5
- EVUDb = φ4
- EVUDc = φ6 + φ1
- EVUDd = φ3

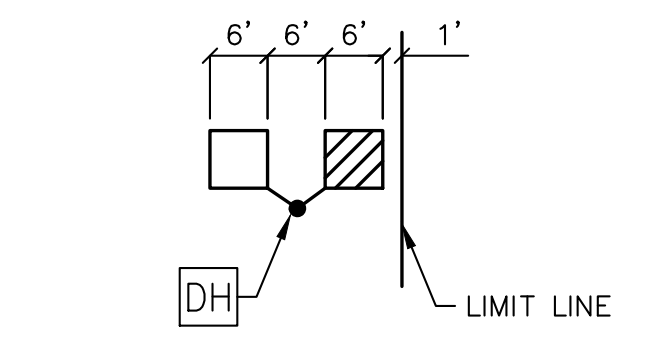
EMERGENCY VEHICLE PREEMPTION



DETAIL 'D'
 NOT TO SCALE



DETAIL 'E'
 4-SECTION HEAD
 NOT TO SCALE



DETAIL 'F'
 TYPICAL DETECTOR LAYOUT
 NO SCALE

Mar 18, 2019 CADD FILE: 3297-E01-E06_Signals.dwg

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AWG OR CABLE	CONDUCTOR SCHEDULE									
	CONDUCTOR DESIGNATION	NUMBER OF CONDUCTORS								
		RUN NUMBERS								
	1	2	3	4	5	6	7	8	9	
NO. 14	Ø1	3	3	3	3	6	3	3	3	3
	Ø2					3	3	3	3	3
	Ø3		3	3	3	6	3	3		
	Ø4		3	3	3	6	3	3	3	
	Ø5					3	3			
	Ø6	3	3	3	3	3				
	Ø2P					2	2	2	2	2
	Ø3P			2	2	4	2	2		
	Ø6P	2	2	2	2	2				
	PPB (Ø2P)					1	1	1	1	
	PPB (Ø3P)				1	1	1	1		
	PPB (Ø6P)		1	1	1	1				
	PPB COMMON		1	1	1	1	1	1	1	
	PHOTOELECTRIC UNIT (120 V)			3	3					
	SPARES	3	3	3	3	6	3	3	3	3
TOTAL NO. 14	11	19	24	25	45	25	22	16	11	
NO. 10	LED IISNS	2	2	2	2		2	2	2	
NO. 8	LUMINAIRES (240 V)	2	2	2	2		2	2	2	
	SIGNAL COMMON	1	1	1	1	1	1	1	1	
TOTAL NO. 8		3	3	3	3	1	3	3	3	
DLC	Ø1 (WB)					1				
	Ø2 (EB)					5	5	5	5	
	Ø3 (NB)					2	2	2		
	Ø4 (SB)		1	1	1	1				
	Ø5 (EB)					1	1	1	1	
	Ø6 (WB)					4				
TOTAL DETECTOR CABLES		1	1	1	14	8	8	6	6	
THERMAL VIDEO DETECTION COAX CABLE	1	1	2	2	4	2	1	1		
EVUC (OPTICOM 138)	EVUDa					1	1			
	EVUDb					1	1	1	1	
	EVUDc	1	1	1	1	1				
	EVUDd			1	1	1				
TOTAL EVUC	1	1	2	2	4	2	1	1	0	
GPS EVUC (OPTICOM 1070)			1	1	1					
CONDUIT SIZE (IN.)	3	3	3	2-3	2-3	2-3	3	3	2	
PERCENT FILL	12	15	23	11	25	15	23	19	22	

NOTES:
ALL CONDUITS, CABLES, AND CONDUCTORS SHALL BE NEW UNLESS OTHERWISE NOTED.

EQUIPMENT SCHEDULE												
STANDARD		SIG. MA (FEET)	LUM. MA (FEET)	VEHICLE SIGNAL MOUNTING		PEDESTRIAN SIGNAL		APS PBA		LED LUMINAIRE	IISNS	REMARKS
LOC	TYPE			MAST ARM	POLE	Ø	MOUNTING	Ø	ARROW			
(A)	26-4-100	45'	15'	MAT MAS MAS	SV-1-T	Ø6	SP-1-T	-	-	133 W	6 Higgins Fire Sta	7 INSTALL EVUDc ATOP SIGNAL HEAD. INSTALL R9-3 AND R9-3bP(R) ON SIGNAL POLE.
(B)	1-B	-	-	-	TV-2-T	-	-	Ø6	→	-	-	-
(C)	19-4-100	25'	15'	MAS-4C	SV-1-T	Ø3 Ø6	SP-2-T	Ø6	→	133 W	6 Combie Rd	7 10 INSTALL EVUDd ATOP SIGNAL HEAD. INSTALL R73-3(CA) SIGN ON SIGNAL MAST ARM. INSTALL PEU ATOP SIGNAL POLE.
(D)	1-B	-	-	-	TV-2-T	-	-	-	-	-	-	INSTALL R10-22 SIGN ON SIGNAL POLE.
(E)	PBA POST	-	-	-	-	-	-	Ø3	→	-	-	-
(F)	61-5-100	60'	15'	MAT MAS MAS	SV-1-T	Ø2	SP-1-T	-	-	133 W	6 Higgins Rd	7 INSTALL EVUDa ATOP SIGNAL HEAD. INSTALL R73-2(CA) SIGN ON SIGNAL MAST ARM.
(G)	PBA POST	-	-	-	-	-	-	Ø3	←	-	-	-
(H)	1-B	-	-	-	TV-2-T	Ø3	SP-1-T	Ø2	→	-	-	-
(I)	19-4-100	30'	15'	MAS-4C	SV-1-T	-	-	Ø2	←	133 W	6 Combie Rd	7 INSTALL EVUDb ATOP SIGNAL HEAD. INSTALL R3-4 SIGN ON SIGNAL MAST ARM.
(J)	1-B	-	-	-	TV-2-T	Ø2	SP-1-T	-	-	-	-	INSTALL R9-3, R9-3bP(L), AND R10-22 SIGNS ON SIGNAL POLE.

NOTES:
1. ALL EQUIPMENT IS NEW UNLESS OTHERWISE NOTED.
2. PEDESTRIAN PUSH BUTTONS SHALL BE ACCESSIBLE PEDESTRIAN SIGNALS (APS).
3. PEDESTRIAN SIGNALS SHALL BE FULL LED COUNTDOWN PEDESTRIAN SIGNAL MODULE.
4. LUMINAIRES SHALL BE LEOTEK GREEN COBRA MODEL GC1-80F-MV-NW-3-GY-530.
5. SEE SHEET E-5 FOR PROJECT NOTES.

REVISIONS

NO.	DATE	DESCRIPTION	BY
1	X/XX/XX		

PROFESSIONAL ENGINEER
K. CALIA
No. 87261
Exp. 9/30/19
STATE OF CALIFORNIA
3/18/19

DRAWN BY: D. MURPHY
DESIGNED BY: D. MURPHY
CHECKED BY: K. CALIA
DATE: MAR 18, 2019
PROJECT NO: RS15-3297

FEHR PEERS
1013 Galleria Boulevard
Suite 255
Roseville, CA 95678
(916) 773-1900

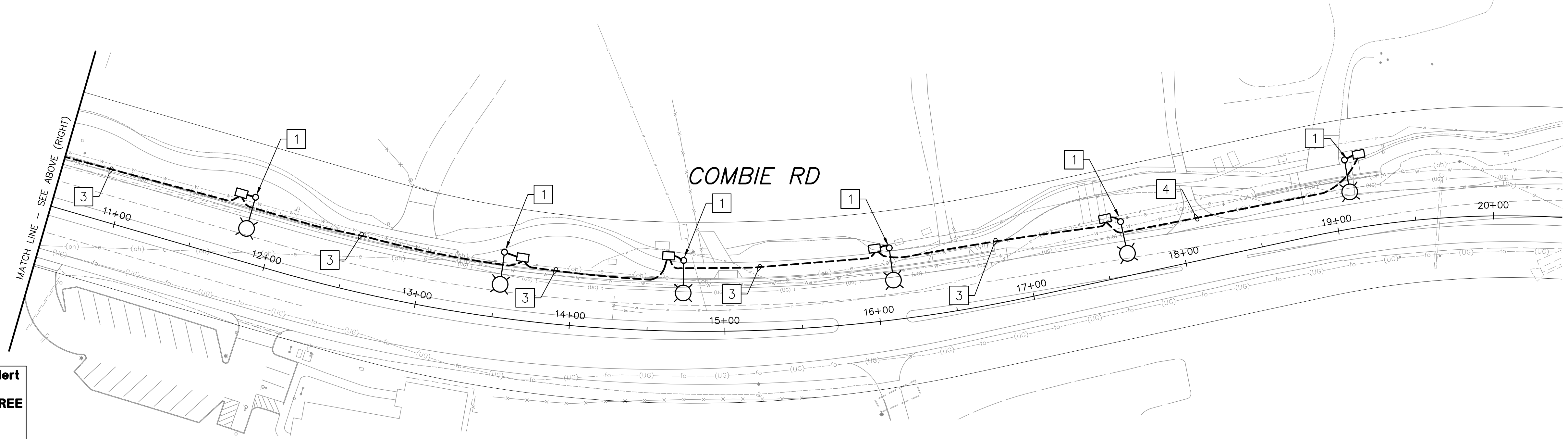
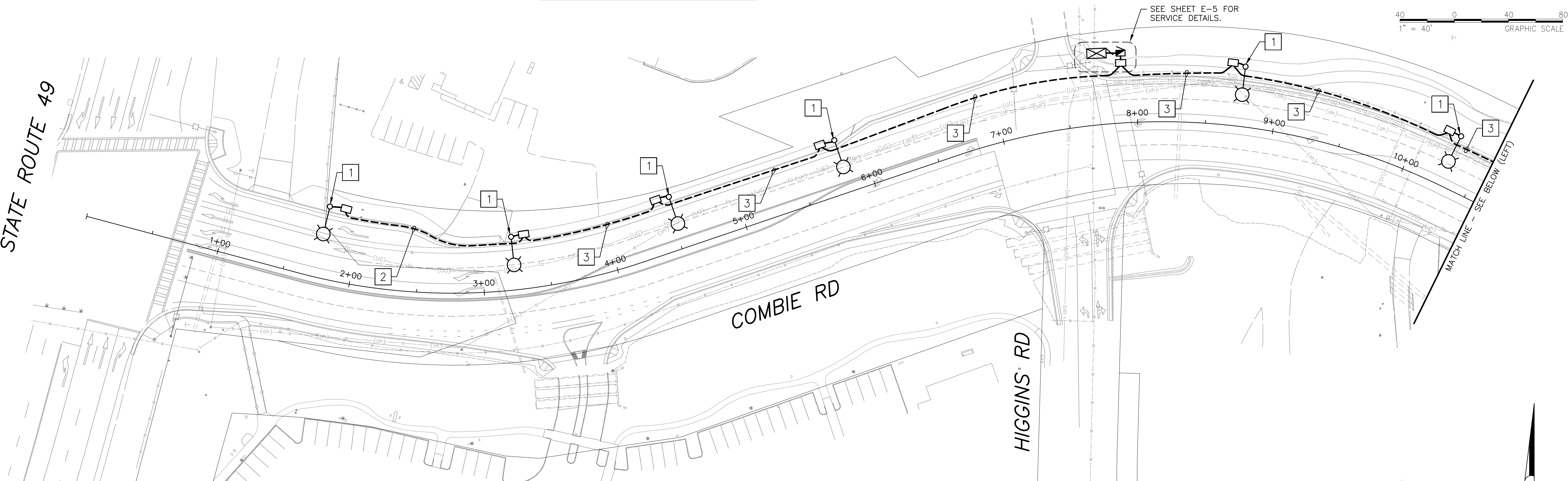
**COMBIE ROAD CORRIDOR
IMPROVEMENT PROJECT**
COMBIE ROAD AND HIGGINS ROAD
EQUIPMENT AND CONDUCTOR SCHEDULES

PROJECT NOTES (THIS SHEET ONLY):

- 1 INSTALL TYPE 21 STANDARD WITH 15' LUMINAIRE ARM. INSTALL LEOTEK GREEN COBRA MODEL GC1-80F-MV-NW-3-GY-350 LUMINAIRE.
- 2 2"C, 2#8 (LTG Ckt 1), 1#6 G.
- 3 2"C, 3#8 (LTG Ckts 1 & 2), 1#6 G.
- 4 2"C, 2#8 (LTG Ckt 2), 1#6 G.

STREET LIGHT SCHEDULE			
CIRCUIT	POWER (W)	STATION	OFFSET
1	85	01+73	53' (L)
2	85	03+24	39' (L)
1	85	04+53	39' (L)
2	85	05+82	40' (L)
1	85	08+74	44' (L)
2	85	10+28	39' (L)
1	85	11+82	42' (L)
2	85	13+52	42' (L)
1	85	14+73	45' (L)
2	85	16+12	46' (L)
1	85	17+65	39' (L)
2	85	19+11	44' (L)

STATE ROUTE 49



Underground Service Alert
 Call: TOLL FREE
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227-2600
 TWO WORKING DAYS BEFORE YOU DIG

REVISIONS	
NO.	DATE
1	X/XX/XX

DESIGNED BY: D. MURPHY
 CHECKED BY: K. CALIA
 DATE: MAR 18, 2019
 PROJECT NO: RS15-3297

FEHR PEERS
 1013 Galleria Boulevard
 Suite 255
 Roseville, CA 95678
 (916) 773-1900

**COMBIE ROAD CORRIDOR
 IMPROVEMENT PROJECT**
 COMBIE ROAD
 STREET LIGHTING PLAN

SHEET
E-7
 OF

Mar 18, 2019 CADD FILE: 3297-E07_Lighting.dwg

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