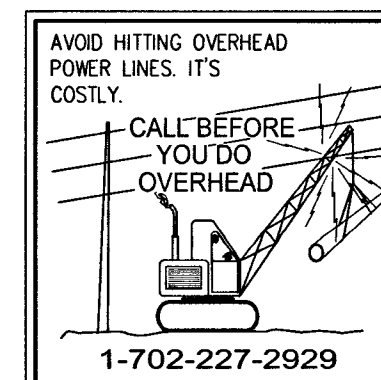
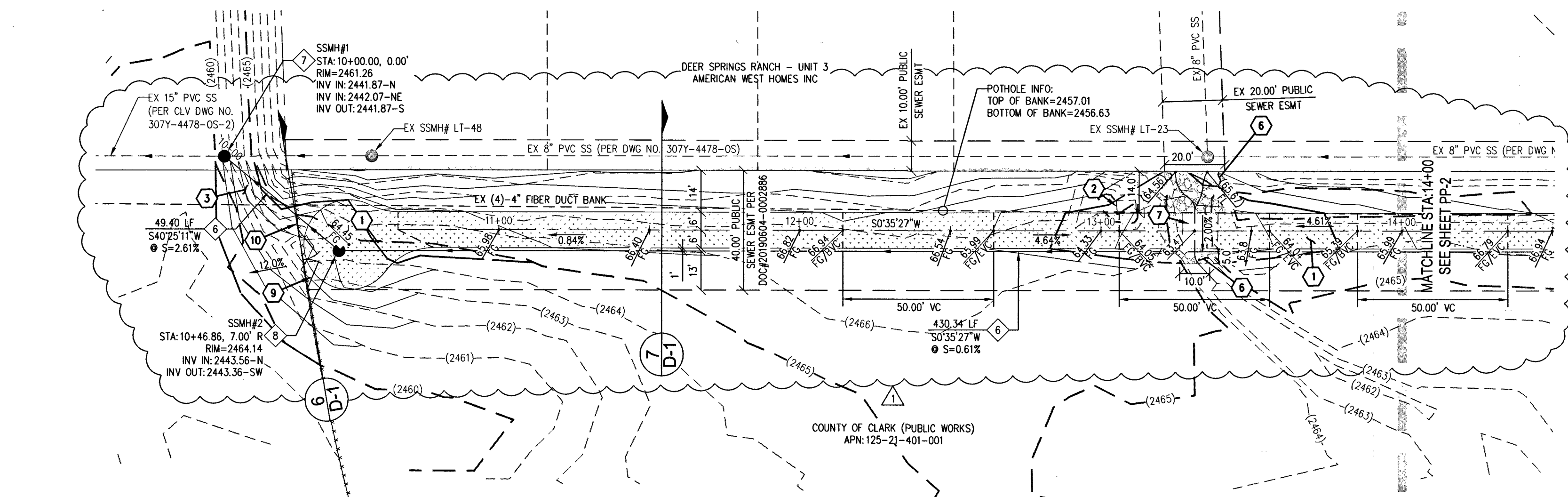


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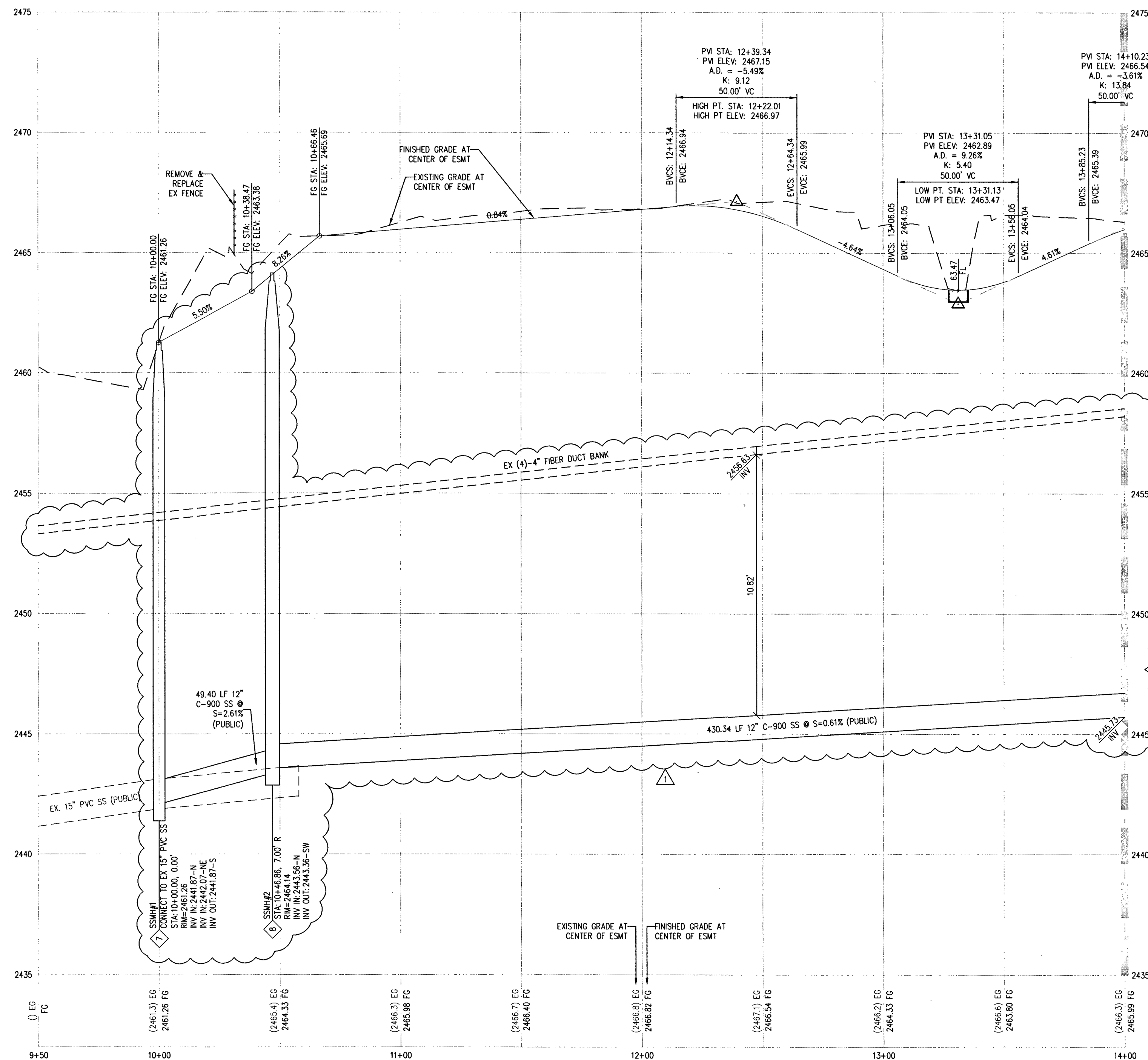
QUANTITIES		PRIVATE	PUBLIC	
DRAINAGE				
1.	RIPRAP D50=12", THK=24"	CY	-	147
2.	8" WIDE CONCRETE VALLEY GUTTER W/10" TYPE I AGGREGATE BASE	SF	-	581
SEWER SYSTEM				
1.	8" PVC SEWER PIPE (PUBLIC)	LF	-	1,519
2.	10" C-900 SEWER PIPE (PUBLIC)	LF	-	516
3.	12" C-900 SEWER PIPE (PUBLIC)	LF	-	1,199
4.	STANDARD 48" SEWER MANHOLE (PUBLIC)	EA	-	6
5.	STANDARD 72" SEWER MANHOLE (PUBLIC)	EA	-	1
6.	8" SEWER PIPE CAP	EA	-	4
STREET IMPROVEMENTS				
1.	1" OPEN GRADE OVER 6" DENSE GRADE OVER 13" TYPE I AGGREGATE BASE	SY	-	202
2.	STANDARD 8" TYPE "A" ISLAND CURB W/6" TYPE I AGGREGATE BASE	LF	-	97
SEWER SYSTEM CONTINUED				
1.	STANDARD 60" SEWER MANHOLE (PUBLIC)	EA	-	3

KB HOME MONTECITO - OFFSITE SEWER INFRASTRUCTURE LEGEND, ABBREVIATIONS, AND QUANTITIES		CITY OF LAS VEGAS, NEVADA	
DATE: 3/20/19		T 19 S R 80 E S 21	
DRAFTER: BCS		NO.	
DESIGNER: KDH		DESCRIPTION	
CHECKED: MAK		DATE	
PROJECT NO. KBH1805-005		BY	
		APP	
C-3 SHEET 3 OF 13		3/7/19	
CLV#L19-00488		3/7/19	



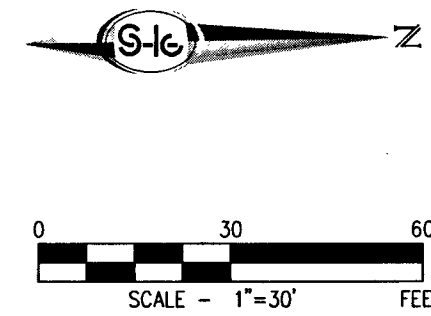


OFFSITE SEWER EASEMENT - PLAN VIEW



OFFSITE SEWER EASEMENT - PROFILE VIEW

HORIZ. 1" = 30'
VERT. 1" = 3'



BENCHMARK

BENCHMARK NUMBER: 6LV90 17NW6
RIVET AND PLATE IN TOP OF CURB AT SW CORNER
GLOUCESTER AVENUE AND OSO BLANCA ROAD
(W. FRONTAGE ROAD)
ELEVATION = 2631.88 FEET, 802.1998 METERS, N.A.V.D. 88 DATUM

BASIS OF BEARINGS

NORTH 89°52'20" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE
SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF
SECTION 20, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS
VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN
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CONSTRUCTION NOTES

- 1) INSTALL 12" WIDE, 2" CRUSHED GRAVEL OVER 4" TYPE II AT 90% COMPACTION
- 2) PROTECT IN PLACE
- 3) REMOVE & REPLACE EX RIP RAP
- 4) REMOVE & REPLACE EX A-CURB
- 5) SAWCUT REMOVE & REPLACE ASPHALT, 1" OPEN GRADE OVER 6" DENSE GRADE
OVER 13" TYPE I AGGREGATE BASE. SEE DETAIL 5 ON SHEET D-1
- 6) INSTALL RIP RAP, D50=6", THICKNESS=12"
- 7) INSTALL 8" CONCRETE VALLEY GUTTER PER CCAUSD SD-228
- 8) INSTALL CUT-OFF WALL PER DETAIL 3 ON SHEET D-1
- 9) INSTALL 20" MAINTENANCE GATE PER DETAIL 6 ON SHEET D-1
- 10) REMOVE & REPLACE EX FENCE

SEWER NOTES

- 1) INSTALL 48" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
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- 2) INSTALL 8" PVC SANITARY SEWER PER DCSWCS SD-15 & SD-17
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TRAFFIC NOTES

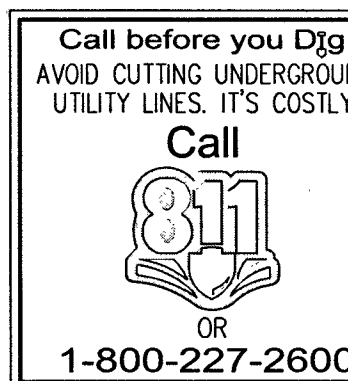
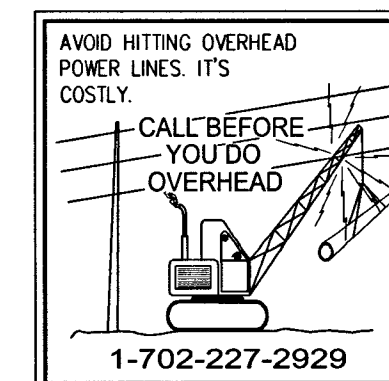
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EX (4)-4" FIBER DUCT BANK POTHOLE INFO

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12+47.48, 6.76' L	2457.01
12+47.48, 5.94' L	2457.00
12+47.45, 5.48' L	2456.97
12+47.34, 4.85' L	2457.00
21+66.81, 0.39' L	2466.51
21+66.40, 0.35' L	2466.47
21+65.84, 0.34' L	2466.49
21+65.35, 0.28' L	2466.52

NDOT PERMIT NO. 210056-2019

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3. REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS) THAT
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4. PIPE LENGTH IS MEASURED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.

FOR TRENCHES SIX (6) FT WIDE & GREATER

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IRON PIPE.
CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAIL PREPARED BY A NEVADA LICENSED
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- 4) APPLY FULL-WIDTH OPEN GRADE.
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iii. TACK COLD MILLED SURFACE 0.10 GAL/YD²
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CALL SOUTHWEST GAS AT 702-651-2111 FOR STANDBY WHEN
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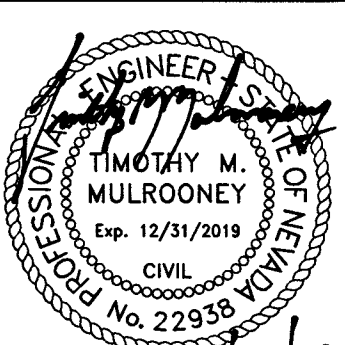
NO.	DESCRIPTION	DATE	BY	APP.
1	REVISE SEWER DESIGN & ADD DETAIL	8/9/19	BJS	3/2/19

CITY OF LAS VEGAS, NEVADA

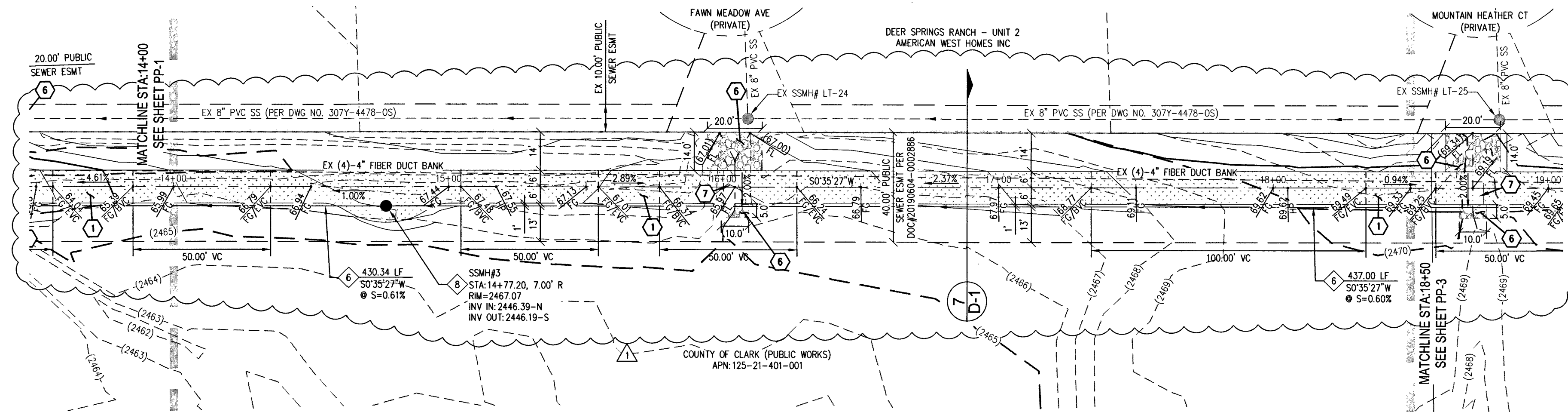
KBHOME

**MONTECITO - OFFSITE SEWER INFRASTRUCTURE
PLAN & PROFILE - OFFSITE SEWER ESMT STA 9+50 TO 14+00**

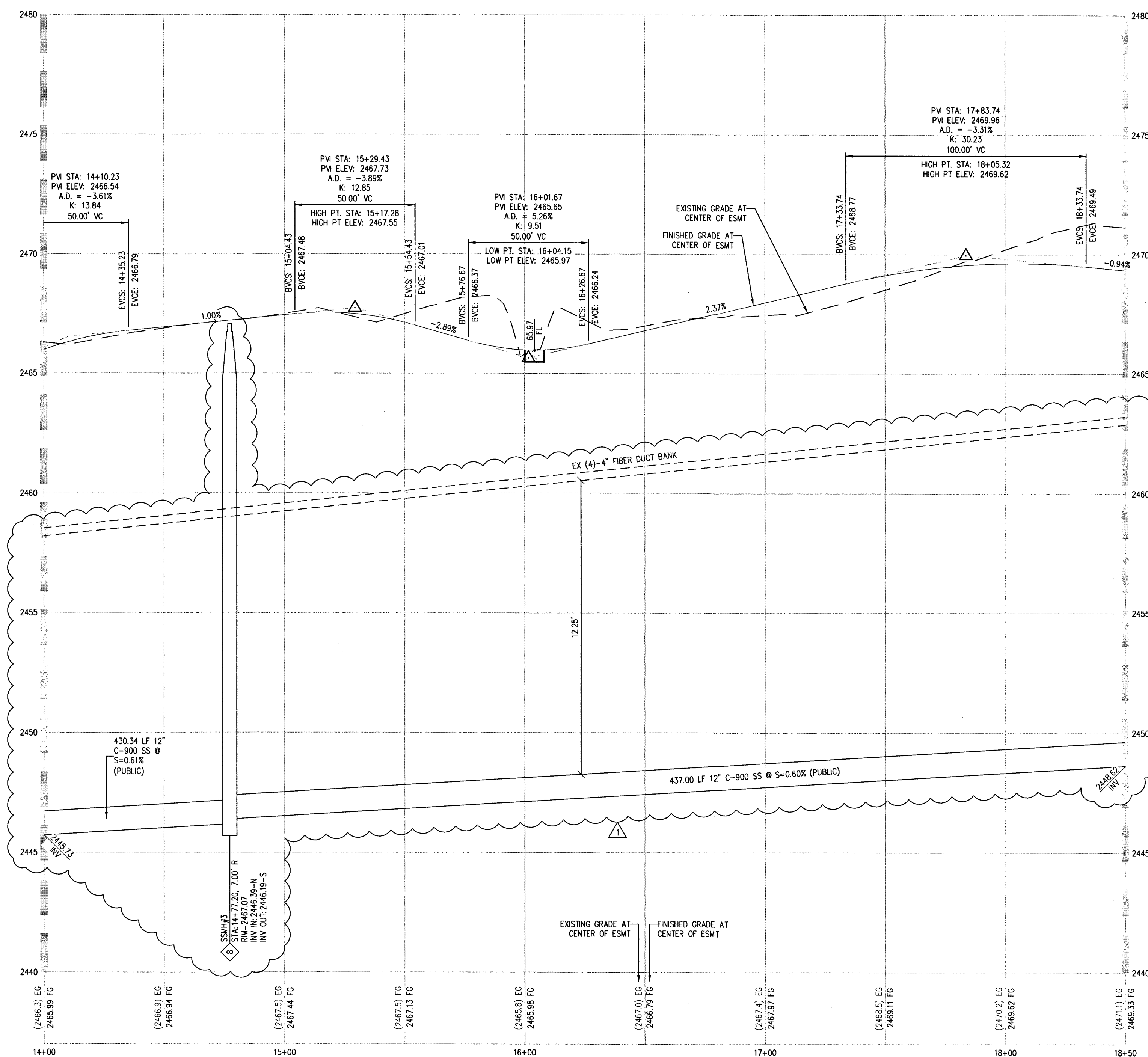
DATE: 3/20/19
DRAFTER: BCS
DESIGNER: KDH
CHECKED: MAK
PROJECT NO.
KBH1805-005



PP-1
SHEET 4 OF 13
CLV#19-00488

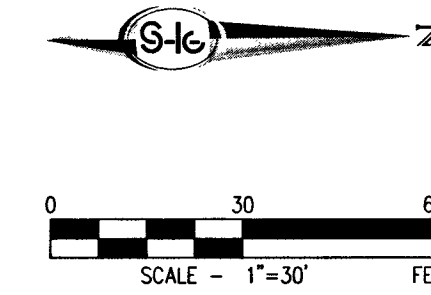


OFFSITE SEWER EASEMENT - PLAN VIEW



OFFSITE SEWER EASEMENT - PROFILE VIEW

HORIZ: 1" = 30'
VERT: 1" = 5'



BENCHMARK

BENCHMARK NUMBER: 61V90 17NWS
RIVET AND PLATE IN TOP OF CURB AT SW CORNER
GILCREASE AVENUE AND OSO BLANCA ROAD
(W FRONTAGE ROAD)
ELEVATION = 2631.88 FEET, 802.1988 METERS, N.A.V.D. 88 DATUM

BASIS OF BEARINGS

NORTH 89°56'20" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE
SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF
SECTION 20, TOWNSHIP 19 SOUTH, RANGE 60 EAST, W.D.M., CITY OF LAS
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7. INSTALL 8" CONCRETE VALLEY GUTTER PER CCAUSD NO. 228
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3. INSTALL STUB & CAP SEWER PER DCSWCS 2.2.5 & 4.6.1.h
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5. INSTALL 10" C-900 SANITARY SEWER PER DCSWCS SD-15 & SD-17
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7. INSTALL 72" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
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SD-7, DUAL CONCENTRIC LIDS PER SD-2, AND CORROSION PROTECTION PER
DCSWCS 2.2.10.i. MANHOLE BASE TO CURE MINIMUM OF 7 DAYS PRIOR TO
STACKING/INSTALLING MANHOLE COMPONENTS
8. INSTALL 60" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
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TRAFFIC NOTES

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NDOT PERMIT NO. 210056-2019

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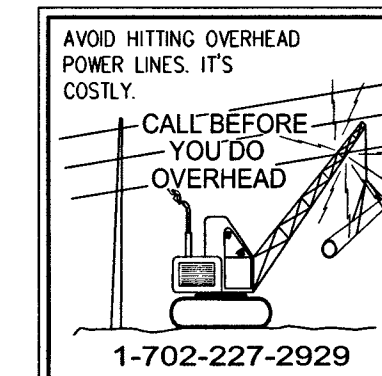
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NO.	DESCRIPTION	DATE	BY	APP.
1	REVISE SEWER DESIGN & ADD DETAIL	9/9/19	BS	SL

CITY OF LAS VEGAS, NEVADA

KB HOME

MONTECITO - OFFSITE SEWER INFRASTRUCTURE
PLAN & PROFILE - OFFSITE SEWER ESMT STA 14+00 TO 18+50

1196
660
621

DATE: 3/20/19

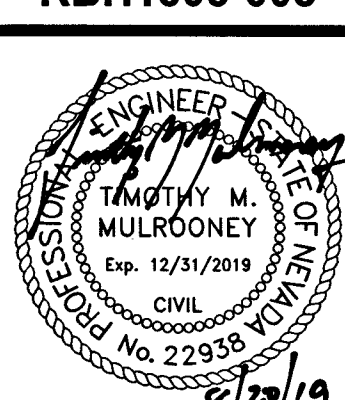
DRAFTER: BCS

DESIGNER: KDH

CHECKED: MAK

PROJECT NO.

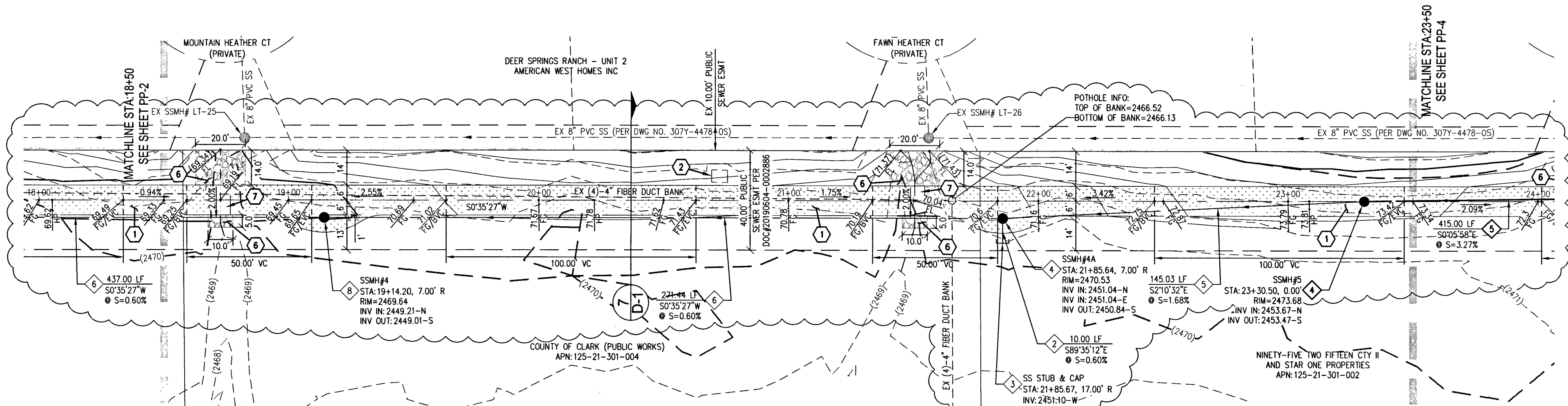
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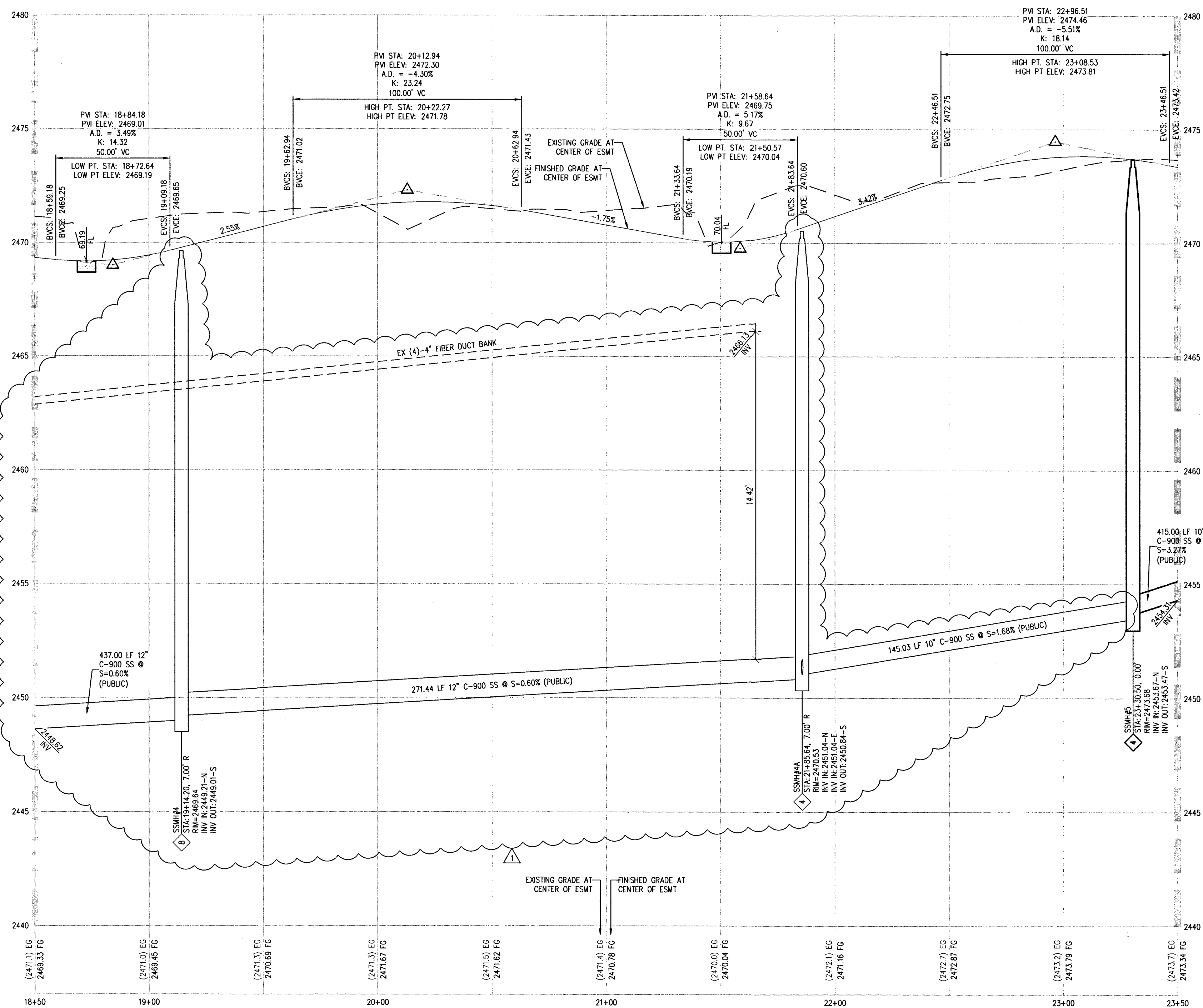
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SHEET 5 OF 13

CLV#19-00488

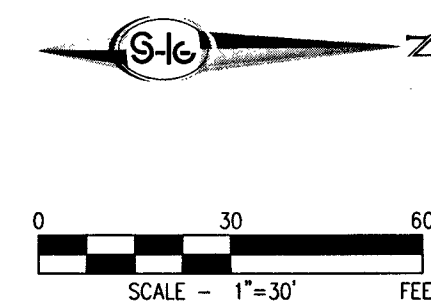


OFFSITE SEWER EASEMENT - PLAN VIEW



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BENCHMARK NUMBER: 6LV90 17NW6
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SD-2 AND CORROSION PROTECTION PER DCSWCS 2.2.10.1
5. INSTALL 10" C-900 SANITARY SEWER PER DCSWCS SD-15 & SD-17
6. INSTALL 12" C-900 SANITARY SEWER PER DCSWCS SD-15 & SD-17
7. INSTALL 72" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
SD-1B, AND SD-4. MANHOLE TO HAVE DUAL CONCENTRIC LID PER DCSWCS
SD-2 AND CORROSION PROTECTION PER DCSWCS 2.2.10.1
8. INSTALL 60" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
SD-1B, AND SD-4. MANHOLE TO HAVE DUAL CONCENTRIC LID PER DCSWCS
SD-2 AND CORROSION PROTECTION PER DCSWCS 2.2.10.1

TRAFFIC NOTES

1. REMOVE & REPLACE EX STRIPING

EX (4) 4" FIBER DUCT BANK POTHOLE INFO

OFFSITE SEWER EASEMENT: STATION/OFFSET	ELEVATION (TOP OF PVC)
12+47.48, 6.76' L	2457.01
12+47.48, 5.94' L	2457.00
12+47.45, 5.45' L	2456.97
12+47.34, 4.85' L	2457.00
21+66.81, 0.39' L	2466.51
21+66.40, 0.35' L	2466.47
21+65.84, 0.34' L	2466.49
21+65.35, 0.28' L	2466.52

NDOT PERMIT NO. 210056-2019

NO WORK WITHIN NDOT RIGHT OF WAY WITHOUT AN NDOT PERMIT.

DISCLAIMER NOTE

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UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR
UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

GENERAL NOTES:

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2. REFER TO CCAUSD DWG NO. 501 FOR TYPICAL UNDERGROUND UTILITY LOCATIONS.
THE WATER SERVICE LATERALS ARE GENERALLY LOCATED PERPENDICULAR TO
THE WATER MAIN AND IN-LINE WITH THE WATER METER. CONTRACTOR TO
REPLACE WATER SERVICE LATERAL FROM THE MAIN TO THE ANGLE METER STOP
PER UDACS IF DAMAGED DURING CONSTRUCTION.
3. REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS) THAT
ARE DISTURBED, DESTROYED, MOVED OR MODIFIED BY TRENNING ACTIVITY TO
CLARK COUNTY SATISFACTION. ALL MATERIAL USED SHALL BEET CLARK COUNTY'S
SPECIFICATIONS, OR WILL BE APPROVED EQUIVALENT.
4. PIPE LENGTH IS MEASURED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.

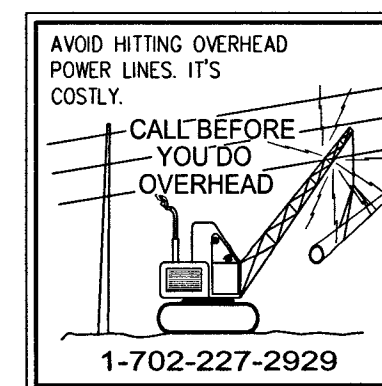
FOR TRENCHES SIX (6) FT WIDE & GREATER

IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE
IRON PIPE.
CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAIL PREPARED BY A NEVADA LICENSED
ENGINEER, TO LIVNO ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW
WATERLINE(S) WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL.
SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAN 90 DAYS MAXIMUM. IF THE
PIPE WILL BE EXPOSED FOR MORE THAN 90 DAYS, PLANS MUST BE SUBMITTED AND
APPROVED BY THE LIVNO TO RELOCATE PIPE.

NDOT NOTES

- 1) THE AGGREGATE BASE SHALL BE 10-INCHES OF TYPE 1 CLASS B CONFORMING TO
THE REQUIREMENTS AS SET FORTH IN SUBSECTION 704.03.03 OF THE NDOT 2014
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 2) THE DENSE-GRADED PLANTMIX BITUMINOUS SURFACE, EXCLUDING THE OPEN
GRADE LAYER, SHALL BE 6-INCHES OF TYPE 2C CONFORMING TO THE
REQUIREMENTS AS SET FORTH IN SUBSECTION 705.03.01 OF THE NDOT 2014
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SURFACE, EXCLUDING THE OPEN GRADE LAYER, SHALL BE 6-INCHES OF TYPE 2C
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- 3) THE GRADE OF ASPHALT FOR BOTH OPEN AND DENSE GRADE MIXTURES SHALL BE
PG76-22N OR PG76-22NVR, CONFORMING TO SUBSECTION 703.03.02 OF THE
NDOT 2014 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 4) APPLY FULL-WIDTH OPEN GRADE.
- 5) SUBGRADE PREPARATION SHALL CONFORM TO SUBSECTION 302.03.01 OF THE NDOT
2014 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 6) TACK COAT SHALL BE EMULSIFIED ASPHALT, TYPE SS-1H (DILUTED) AT THE
FOLLOWING APPLICATIONS RATES:
i. TACK BETWEEN DENSE GRADE LIFTS 0.06 GAL/YD²
ii. TACK OPEN GRADE TO DENSE GRADE 0.07 GAL/YD²
iii. TACK COLD MILLED SURFACE 0.10 GAL/YD²
- 7) PRIME COAT SHALL BE CUTBACK ASPHALT, TYPE MC-70N, WITH AN APPLICATION
RATE OF 0.28 GAL/YD², OR THE PRIME COAT MAY BE AN APPROVED EQUAL FROM
THE NDOT OPL.

CALL SOUTHWEST GAS AT 702-651-2111 FOR STANDBY WHEN
EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES



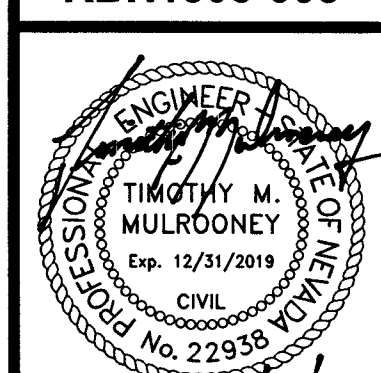
NO.	DESCRIPTION	DATE	BY	APP.
1	REVISE SEWER DESIGN & ADD DETAIL	8/9/19	BJS	JS

CITY OF LAS VEGAS, NEVADA

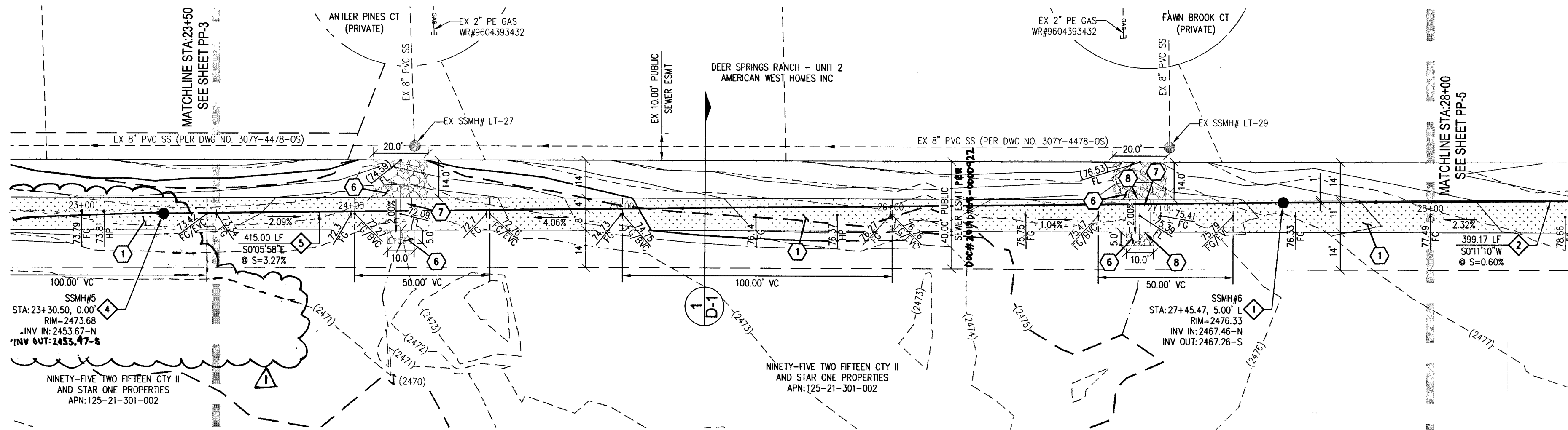
KBHOME

**MONTECITO - OFFSITE SEWER INFRASTRUCTURE
PLAN & PROFILE - OFFSITE SEWER ESMT STA 18+50 TO 23+50**

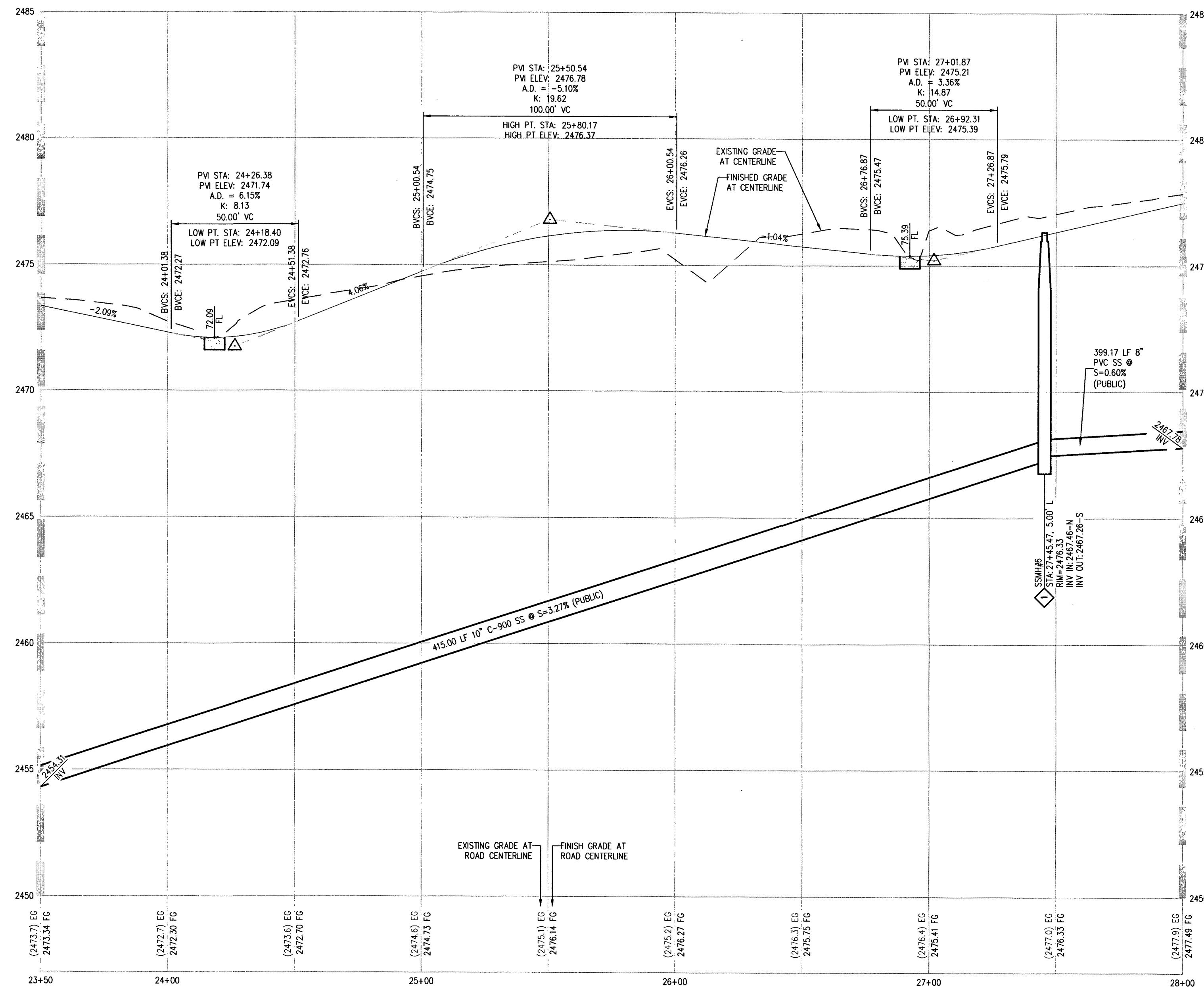
DATE: 3/20/19
DRAFTER: BCS
DESIGNER: KDH
CHECKED: MAK
PROJECT NO.
KBH1805-005



PP-3
SHEET 6 OF 13
CLV#19-00488

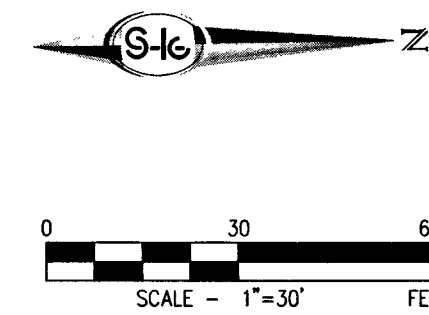


OFFSITE SEWER EASEMENT - PLAN VIEW



OFFSITE SEWER EASEMENT - PROFILE VIEW

HORIZ: 1" = 30'
VERT: 1" = 3'



BENCHMARK

BENCHMARK NUMBER: 6LV90 17NW6
RIVET AND PLATE IN TOP OF CURB AT SW CORNER
GILCREASE AVENUE AND OSO BLANCA ROAD
(W FRONTAGE ROAD)
ELEVATION = 2631.88 FEET, 802.1988 METERS, N.A.D. 88 DATUM

BASIS OF BEARINGS

NORTH 89°56'20" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE
SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF
SECTION 20, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS
VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN
THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 118, PAGE 59 OF
SURVEYS.

SURVEY NOTE

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS SHOWN AND TO
REPLACE ALL SURVEY MONUMENTATION DAMAGED, DISTURBED, DESTROYED, OR
OBSOLETE DURING CONSTRUCTION.

CONSTRUCTION NOTES

1. INSTALL 12" WIDE, 2" CRUSHED GRAVEL OVER 4" TYPE II AT 90% COMPACTION
2. PROTECT IN PLACE
3. REMOVE & REPLACE EX RIP RAP
4. REMOVE & REPLACE EX A-CURB
5. SAWCUT REMOVE & REPLACE ASPHALT, 1" OPEN GRADE OVER 6" DENSE GRADE
OVER 13" TYPE I AGGREGATE BASE. SEE DETAIL 5 ON SHEET D-1
6. INSTALL RIP RAP, D50=6", THICKNESS=12"
7. INSTALL 8" CONCRETE VALLEY GUTTER PER CCAUSD NO. 228
8. INSTALL CUT-OFF WALL PER DETAIL 3 ON SHEET D-1
9. INSTALL 20" MAINTENANCE GATE PER DETAIL 6 ON SHEET D-1
10. REMOVE & REPLACE EX FENCE

SEWER NOTES

1. INSTALL 48" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
SD-1B, AND SD-4 WITH SINGLE 24" LD
2. INSTALL 8" PVC SANITARY SEWER PER DCSWCS SD-15 & SD-17
3. INSTALL STUB & CAP SEWER PER DCSWCS 2.2.5 & 4.6.1.h
4. INSTALL 72" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
SD-1B, AND SD-4 MANHOLE TO HAVE DUAL CONCENTRIC LD PER DCSWCS
SD-2 AND CORROSION PROTECTION PER DCSWCS 2.2.10.i
5. INSTALL 10" C-900 SANITARY SEWER PER DCSWCS SD-15 & SD-17
6. INSTALL 12" C-900 SANITARY SEWER PER DCSWCS SD-15 & SD-17
7. INSTALL 72" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
SD-1B, SD-4 AND SD-9 MANHOLE TO HAVE CAST IN PLACE BASE PER
SD-7, DUAL CONCENTRIC LIDS PER SD-2, AND CORROSION PROTECTION PER
DCSWCS 2.2.10.i. MANHOLE BASE TO CURE MINIMUM OF 7 DAYS PRIOR TO
STACKING/INSTALLING MANHOLE COMPONENTS.

TRAFFIC NOTES

1. REMOVE & REPLACE EX STRIPING

NDOT PERMIT No. 210056-2019

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DISCLAIMER NOTE

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PER UDACS IF DAMAGED DURING CONSTRUCTION.
3. REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS) THAT
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4. PIPE LENGTH IS MEASURED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.

FOR TRENCHES SIX (6) FT WIDE & GREATER

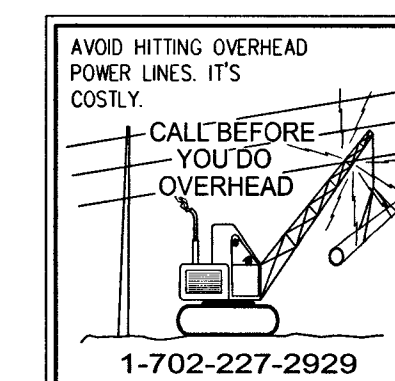
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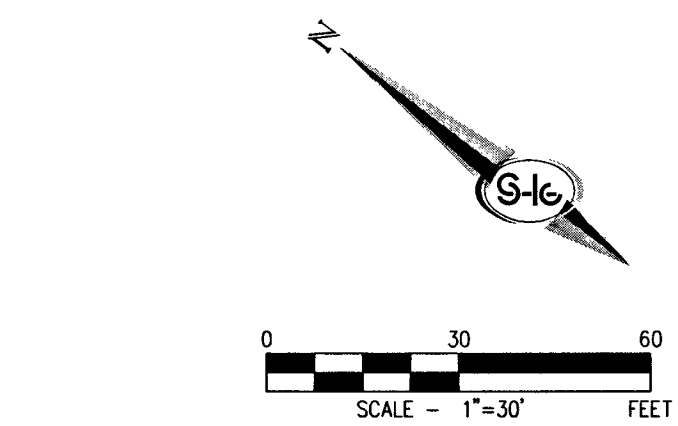
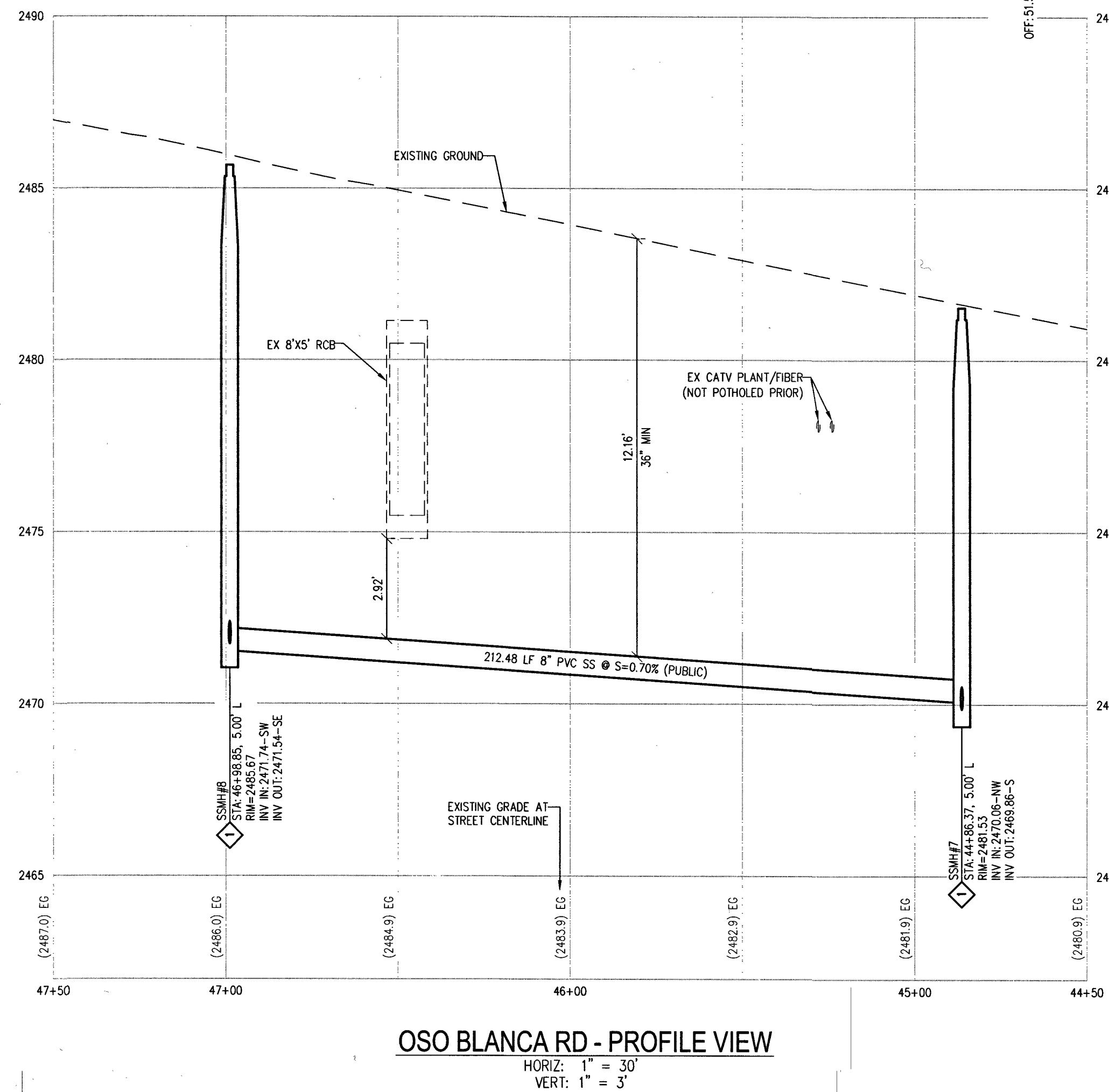
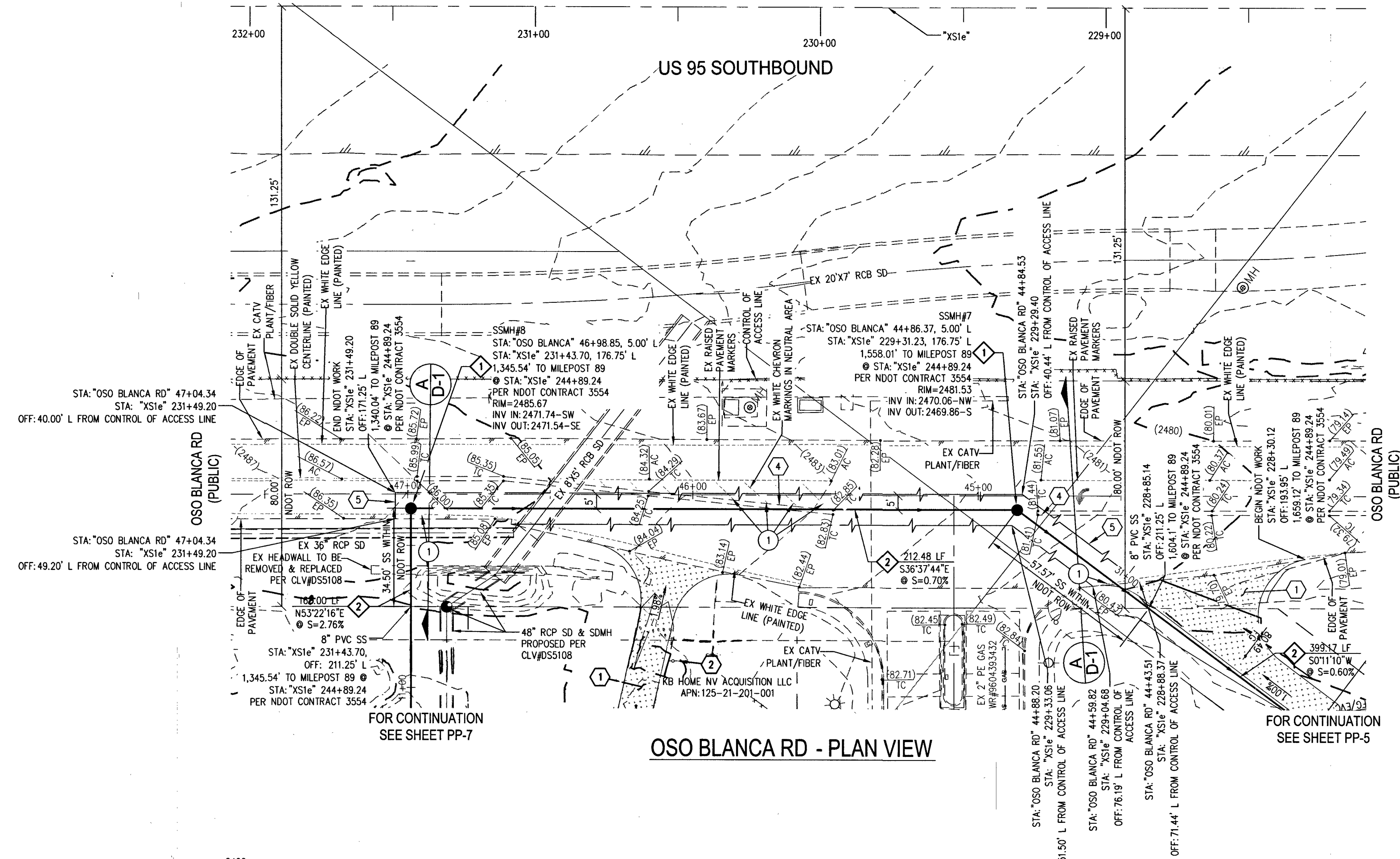
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- 1) THE AGGREGATE BASE SHALL BE 10-INCHES OF TYPE 1 CLASS B CONFORMING TO
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- 3) THE GRADE OF ASPHALT FOR BOTH OPEN AND DENSE GRADE MIXTURES SHALL BE
PG75-22HV OR PG76-22HV, CONFORMING TO SUBSECTION 703.03.02 OF THE
NDOT 2014 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 4) APPLY FULL-WIDTH OPEN GRADE.
- 5) SUBGRADE PREPARATION SHALL CONFORM TO SUBSECTION 302.03.01 OF THE NDOT
2014 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 6) TACK COAT SHALL BE EMULSIFIED ASPHALT, TYPE SS-1H (DILUTED) AT THE
FOLLOWING APPLICATION RATES:
i. TACK BETWEEN DENSE GRADE LIFTS 0.06 GAL/YD²
ii. TACK OPEN GRADE TO DENSE GRADE 0.07 GAL/YD²
iii. TACK COLD MILLED SURFACE 0.10 GAL/YD²
7) PRIME COAT SHALL BE CUTBACK ASPHALT, TYPE MC-70N, WITH AN APPLICATION
RATE OF 0.28 GAL/YD², OR THE PRIME COAT MAY BE AN APPROVED EQUAL FROM
THE NDOT OPL.

SOUTHWEST GAS APPROVAL

Call before you Dig
Call
811
SOUTHWEST GAS CORPORATION
DATE 5/9/19





BENCHMARK

BENCHMARK NUMBER: 6LV90 17NW6
 RIVET AND PLATE IN TOP OF CURB AT SW CORNER
 OLDFASHION AVENUE AND OSO BLANCA ROAD
 (W FRONTAGE ROAD)
 ELEVATION = 2631.88 FEET, 802.1998 METERS, N.A.V.D. 88 DATUM

BASIS OF BEARINGS

NORTH 89°56'20" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE
 SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF
 SECTION 20, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M. CITY OF LAS
 VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN
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SURVEY NOTE

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- CONSTRUCTION NOTES**
1. INSTALL 12" WIDE, 2" CRUSHED GRAVEL OVER 4" TYPE II AT 90% COMPACTION
 2. PROTECT IN PLACE
 3. REMOVE & REPLACE EX RIP RAP
 4. REMOVE & REPLACE EX A-CURB
 5. SAWCUT REMOVE & REPLACE ASPHALT, 1" OPEN GRADE OVER 6" DENSE GRADE
 OVER 15" TYPE I AGGREGATE BASE. SEE DETAIL 5 ON SHEET D-1
 6. INSTALL RIP RAP, D50=6", THICKNESS=12"
 7. INSTALL 8" CONCRETE VALLEY GUTTER PER CCAUSD NO. 228
 8. INSTALL CUT-OFF WALL PER DETAIL 3 ON SHEET D-1
 9. INSTALL 20' MAINTENANCE GATE PER DETAIL 6 ON SHEET D-1
 10. REMOVE & REPLACE EX FENCE

- SEWER NOTES**
1. INSTALL 48" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
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 3. INSTALL STUB & CAP SEWER PER DCSWCS 2.2.5 & 4.6.1.h
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 5. INSTALL 10" C-900 SANITARY SEWER PER DCSWCS SD-15 & SD-17
 6. INSTALL 12" C-900 SANITARY SEWER PER DCSWCS SD-15 & SD-17
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NDOT PERMIT No. 210056-2019

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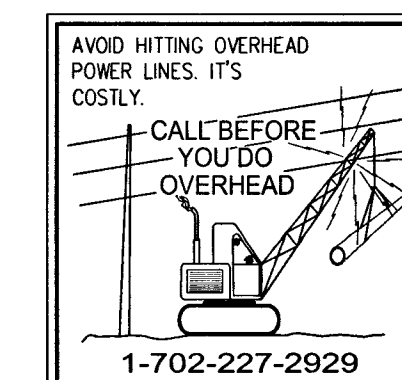
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 iii. TACK COLD MILLED SURFACE 0.10 GAL/YD²
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SOUTHWEST GAS APPROVAL

[Signature]
 SOUTHWEST GAS CORPORATION
 DATE: 5/9/19

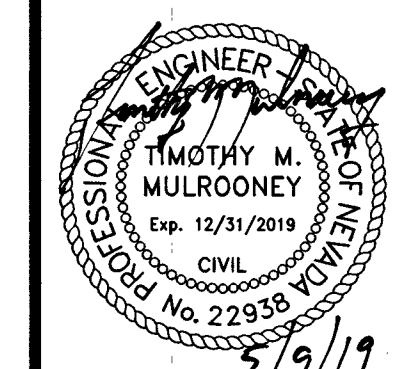


DATE	BY	APP	DESCRIPTION	NO.

CITY OF LAS VEGAS, NEVADA

KBHOME
 MONTECITO - OFFSITE SEWER INFRASTRUCTURE
 PLAN & PROFILE - OSO BLANCA ROAD STA 44+50 TO 47+50

DATE: 3/20/19
 DRAFTER: BCS
 DESIGNER: KDH
 CHECKED: MAK
 PROJECT NO.
KBH1805-005



PP-6
 SHEET 9 OF 13
 CLV#19-00488



HORIZ: 1" = 30'
VERT: 1" = 3'



BENCHMARK NUMBER: 6LV90 17NW6
RIVET AND PLATE IN TOP OF CURB AT SW CORNER
GILCREASE AVENUE AND OSO BLANCA ROAD
(W FRONTAGE ROAD)
ELEVATION = 2631.88 FEET, 802.1998 METERS, N.A.V.D. 88 DATUM

BASIS OF BEARINGS

NORTH 89°56'20" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE $\frac{1}{4}$) OF THE NORTHEAST QUARTER (NE $\frac{1}{4}$) OF SECTION 20, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 118, PAGE 89 OF SURVEYS.

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CONSTRUCTION NOTES

- | | |
|----|---|
| 1 | INSTALL 12" WIDE, 2" CRUSHED GRAVEL OVER 4" TYPE II AT 90% COMPACTION |
| 2 | PROTECT IN PLACE |
| 3 | REMOVE & REPLACE EX RIP RAP |
| 4 | REMOVE & REPLACE EX A-CURB |
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| 6 | OVER 1.5" TYPE 1 AGGREGATE BASE. SEE DETAIL 1 ON SHEET D-1 |
| 7 | INSTALL RIP RAP, D50=6", THICKNESS=12" |
| 8 | INSTALL 8" CONCRETE VALLEY GUTTER PER CCAUSD NO. 228 |
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| 11 | REMOVE & REPLACE EX FENCE |

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- 4) APPLY FULL-WIDTH OPEN GRADE.
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- 7) PRIME COAT SHALL BE CUTBACK ASPHALT, TYPE MC-70VN, WITH AN APPLICATION RATE OF 0.28 GAL/YD², OR THE PRIME COAT MAY BE AN APPROVED EQUAL FROM THE NDOT QPL.

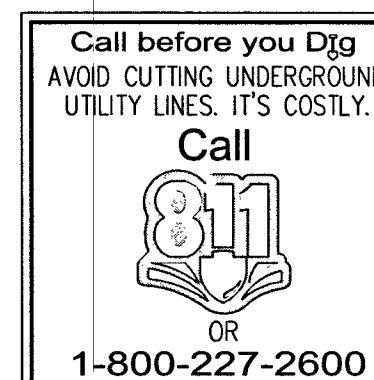
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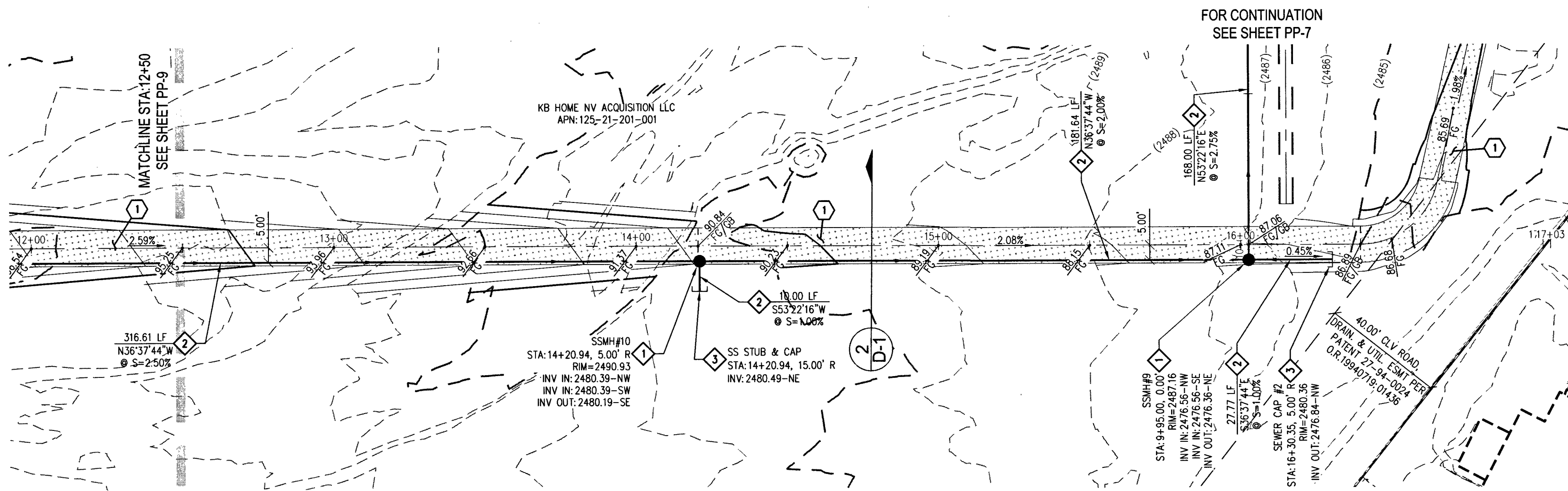
- ① REMOVE & REPLACE EX STRIPING

NDOT PERMIT No. 210056-2019

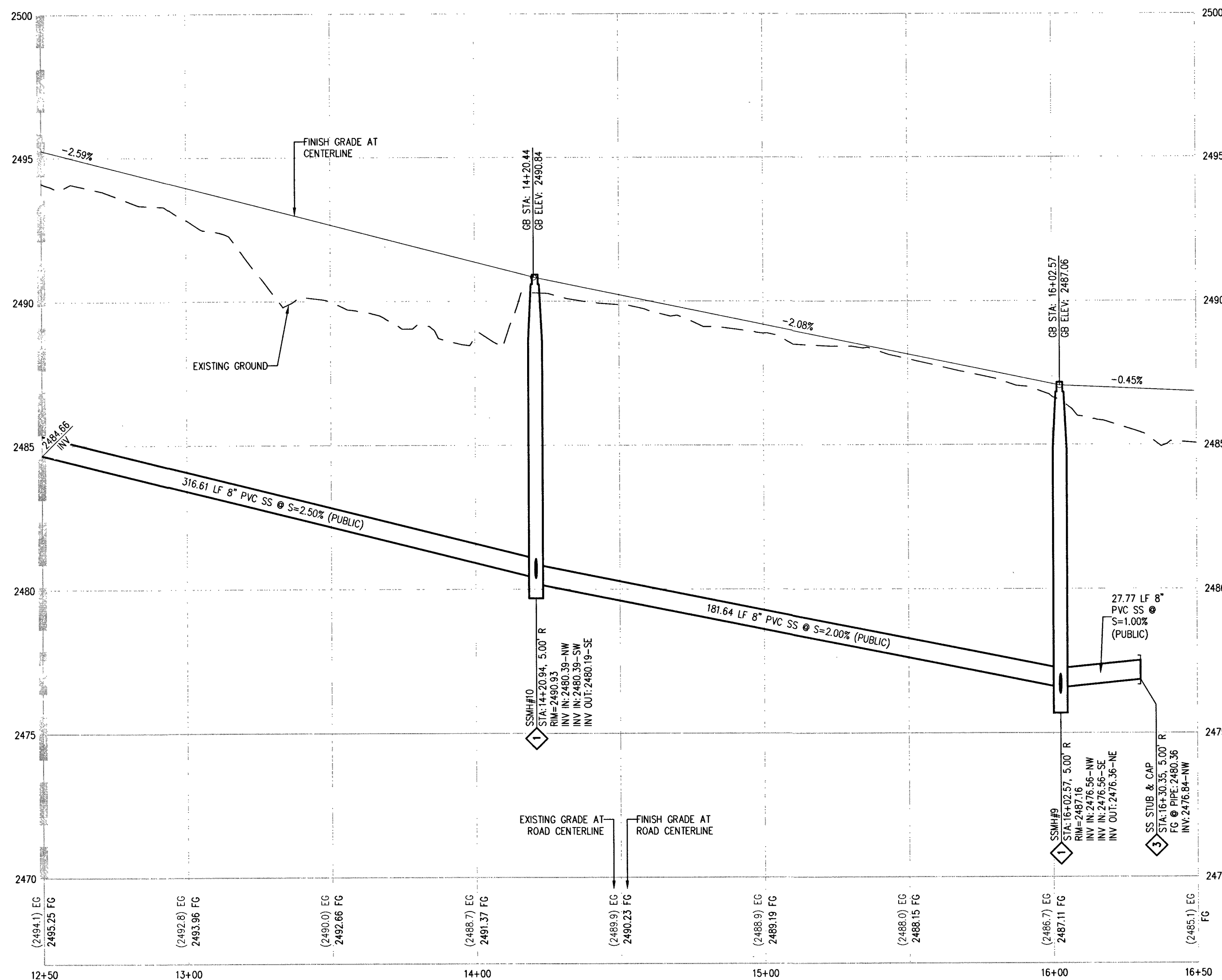
NO WORK WITHIN NDOT RIGHT OF WAY WITHOUT AN NDOT PERMIT.

CALL SOUTHWEST GAS AT 702-651-2111 FOR STANDBY WHEN
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SEWER EASEMENT - PLAN VIEW



SEWER EASEMENT - PROFILE VIEW

HORIZ: 1" = 30'
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BENCHMARK
BENCHMARK NUMBER: 6LV90 17NW6
RIVET AND PLATE IN TOP OF CURB AT SW CORNER
GILGREASE AVENUE AND OSO BLANCA ROAD
(W FRONTAGE ROAD)
ELEVATION = 2631.88 FEET, 802.1998 METERS, N.A.V.D. 88 DATUM

BASIS OF BEARINGS
NORTH 89°56'20" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE
SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF
SECTION 20, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.W. CITY OF LAS
VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN
THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 118, PAGE 89 OF
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SURVEY NOTE
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1. INSTALL 12" WIDE, 2" CRUSHED GRAVEL OVER 4" TYPE II AT 90% COMPACTION
 2. PROTECT IN PLACE
 3. REMOVE & REPLACE EX RIP RAP
 4. REMOVE & REPLACE EX A-CURB
 5. SAWCUT REMOVE & REPLACE ASPHALT, 1" OPEN GRADE OVER 6" DENSE GRADE
OVER 13" TYPE I AGGREGATE BASE. SEE DETAIL 5 ON SHEET D-1
 6. INSTALL RIP RAP, D50-6", THICKNESS=12"
 7. INSTALL 8" CONCRETE VALLEY GUTTER PER CCAUSD NO. 228
 8. INSTALL CUT-OFF WALL PER DETAIL 3 ON SHEET D-1
 9. INSTALL 20" MAINTENANCE GATE PER DETAIL 6 ON SHEET D-1
 10. REMOVE & REPLACE EX FENCE

- SEWER NOTES**
1. INSTALL 48" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
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 3. INSTALL STUB & CAP SEWER PER DCSWCS 2.2.5 & 4.6.1h
 4. INSTALL 72" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
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SD-2 AND CORROSION PROTECTION PER DCSWCS 2.2.10i
 5. INSTALL 10" C-900 SANITARY SEWER PER DCSWCS SD-15 & SD-17
 6. INSTALL 12" C-900 SANITARY SEWER PER DCSWCS SD-15 & SD-17
 7. INSTALL 72" DIAMETER SANITARY SEWER MANHOLE PER DCSWCS SD-1A,
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- TRAFFIC NOTES**
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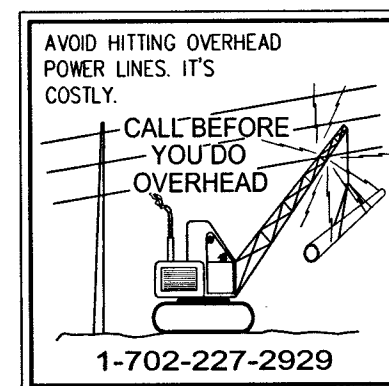
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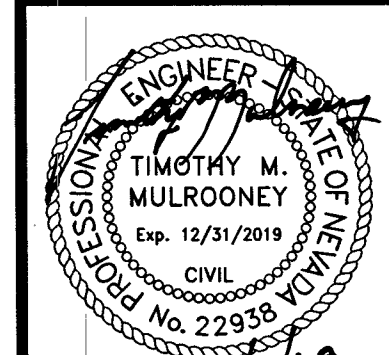


NO.	DESCRIPTION	DATE	BY	APP.

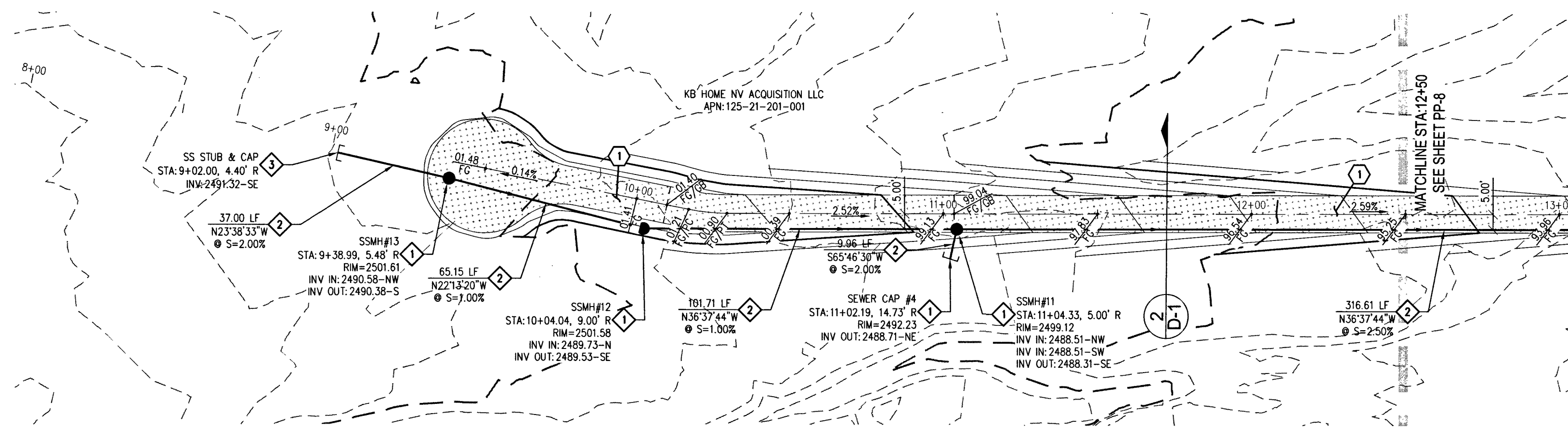
CITY OF LAS VEGAS, NEVADA

KB HOME
MONTECITO - OFFSITE SEWER INFRASTRUCTURE
PLAN & PROFILE - SEWER ESMT STA 12+50 TO 16+50

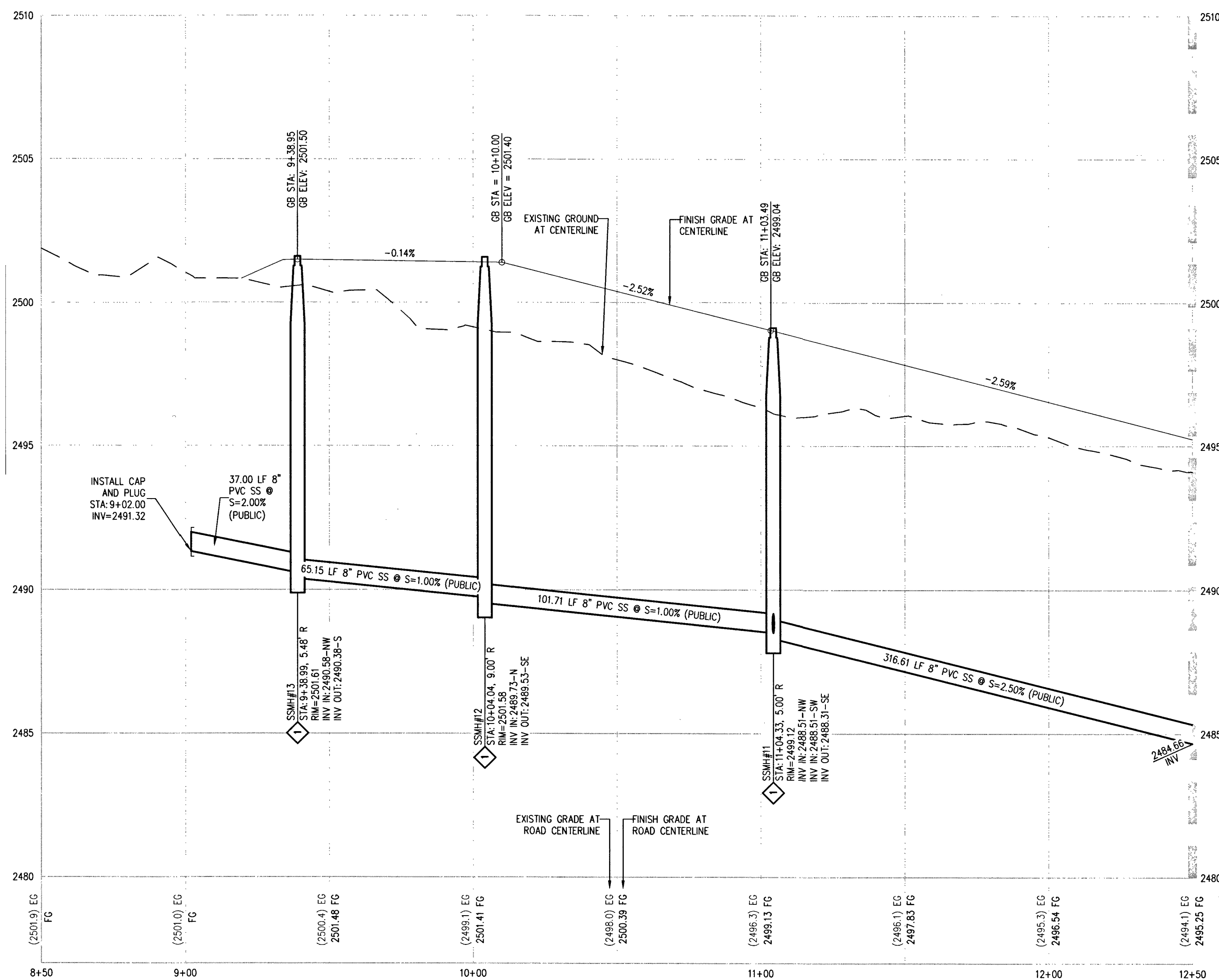
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DESIGNER: KDH
CHECKED: MAK
PROJECT NO.
KBH1805-005



PP-8
SHEET 11 OF 13
CLV#19-00488

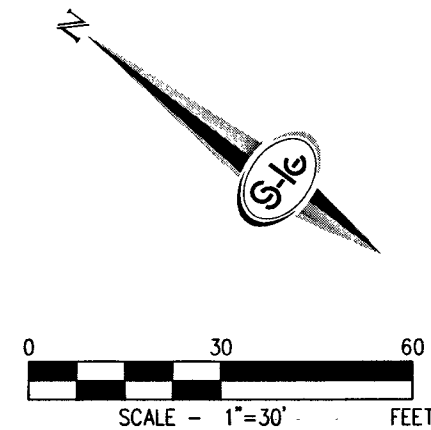


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