

GENERAL NOTES

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2009 EDITION.
- EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM PUBLIC RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
- CONTRACTOR SHALL POTHOLE AND VERIFY ALL LOCATIONS AND ELEVATIONS OF UTILITIES PRIOR TO THE START OF CONSTRUCTION TO ELIMINATE INTERFERENCE WITH NEW CONSTRUCTION.
- THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WITHIN THE CONSTRUCTION WORK AREAS.
- PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A", "C-34", OR A "C-42" LICENSE.
- ALL ELEVATIONS SHOWN ON THIS PLAN SHALL BE STAKED IN THE FIELD.
- BACKFILLING OF TRENCH AND PAVEMENT REPLACEMENT SHALL BE DONE PER CITY OF RIVERSIDE STANDARD DRAWING 453.
- TRENCHES SHALL EITHER BE BACKFILLED AND COMPACTED PER STD. DWG. 453 OR COVERED WITH TRAFFIC RATED STEEL PLATES AT THE END OF EACH WORK DAY.
- WATER VALVES ENCOUNTERED DURING PIPELINE CONSTRUCTION OR DURING RESTORATION OF SURFACE IMPROVEMENTS SHALL BE PROTECTED IN PLACE, RESTORED TO PRECONSTRUCTION CONDITION AND/OR ADJUSTED TO GRADE.
- PIPE BEDDING SHALL BE PER STD. DWG. 452 AND SHALL BE CASE 1 UNLESS SPECIFIED OTHERWISE ON THE PLANS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VIDEOING ALL SEWER LATERALS FROM THE MAINLINE TO PROPERTY LINE.
- PIPE JOINTS FOR PROPOSED VCP SHALL BE TYPE "G", PER SECTION 208-2.3 OF THE STANDARD SPECIFICATIONS. PIPE JOINTS FOR JOINING EXISTING VCP TO PROPOSED VCP SHALL BE TYPE "Z", PER SECTION 208-5 OF THE STANDARD SPECIFICATIONS.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR AFTER COLD-MILLING AND PRIOR TO OVERLAYING WITH ARHM-GG PAVING.
- THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
- COLD MILLING TYPE 1 SHALL BE AS DIRECTED BY THE ENGINEER AND AS DESCRIBED IN SPECIAL PROVISIONS.
- CONTRACTOR SHALL PERFORM A PRECONSTRUCTION VIDEO OF THE FOLLOWING MAINLINE SEWERS:
 - ELMWOOD COURT FROM KENDALL STREET TO CLIFFSIDE DRIVE.
 - CLIFFSIDE DRIVE FROM ELMWOOD COURT TO THE EAST END OF THE SEWER MAIN.

SPECIFIC NOTES:

- CONTRACTOR SHALL REPLACE EXISTING STRIPING AND PAVEMENT MARKINGS AFTER OVERLAY TO THE ORIGINAL CONFIGURATIONS, IN ACCORDANCE WITH SPECIAL PROVISIONS.
- OVERLAY ENTIRE ROAD WIDTH OF ELMWOOD COURT WITH 0.10' OF ASPHALT RUBBER HOT MIX GAP GRADED.
- LOCATIONS FOR AC REMOVALS SHALL BE MARKED ON SITE AT THE TIME OF CONSTRUCTION AND AFTER COLD-MILLING OPERATIONS HAVE BEEN COMPLETED, WHERE REQUIRED. UNLESS SPECIFIED ON PLANS, AC DEPTH FOR REMOVAL AND REPLACEMENT AREAS SHALL BE A MINIMUM OF 6".
- DURING THE CONSTRUCTION WORK, ALL SEWER MANHOLES SHALL BE RAMPED UP OR DOUBLE ADJUSTED TO FACILITATE THE COLD-MILLING AND PAVING OPERATIONS. FOLLOWING THE CONSTRUCTION OF A.R.H.M.-GG AC FINAL FINISH SURFACE, ALL SEWER MANHOLES SHALL BE ADJUSTED TO GRADE AS NEEDED.

CONSTRUCTION LEGEND

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- CONSTRUCT SEWER CLEANOUT IN PARKWAY PER DETAIL SHEET 1.
- REMOVE AND REPLACE.
- EXISTING SEWER TO REMAIN IN SERVICE.
- PROTECT IN PLACE
- BACKFILL SEWER CLEANOUT WITH CONCRETE, TACK WELD THE LID TO THE CLEANOUT RING
- REMOVE AND REPLACE DAMAGED PAVEMENT MARKINGS AND STOP BAR IN KIND TO THE SATISFACTION OF THE CITY INSPECTOR.
- REMOVE AND REPLACE WHEELCHAIR RAMP PER STD. DWG. 304 TYPE IV

RIVERSIDE CALIFORNIA

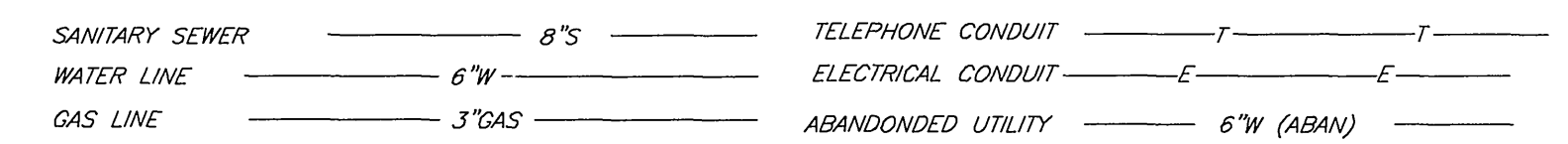
PUBLIC WORKS DEPARTMENT

ELMWOOD SEWER REPLACEMENT

ELMWOOD CT BETWEEN KENDALL ST & CLIFFSIDE DR,
CLIFFSIDE DR BETWEEN ELMWOOD CT & 181LF EAST

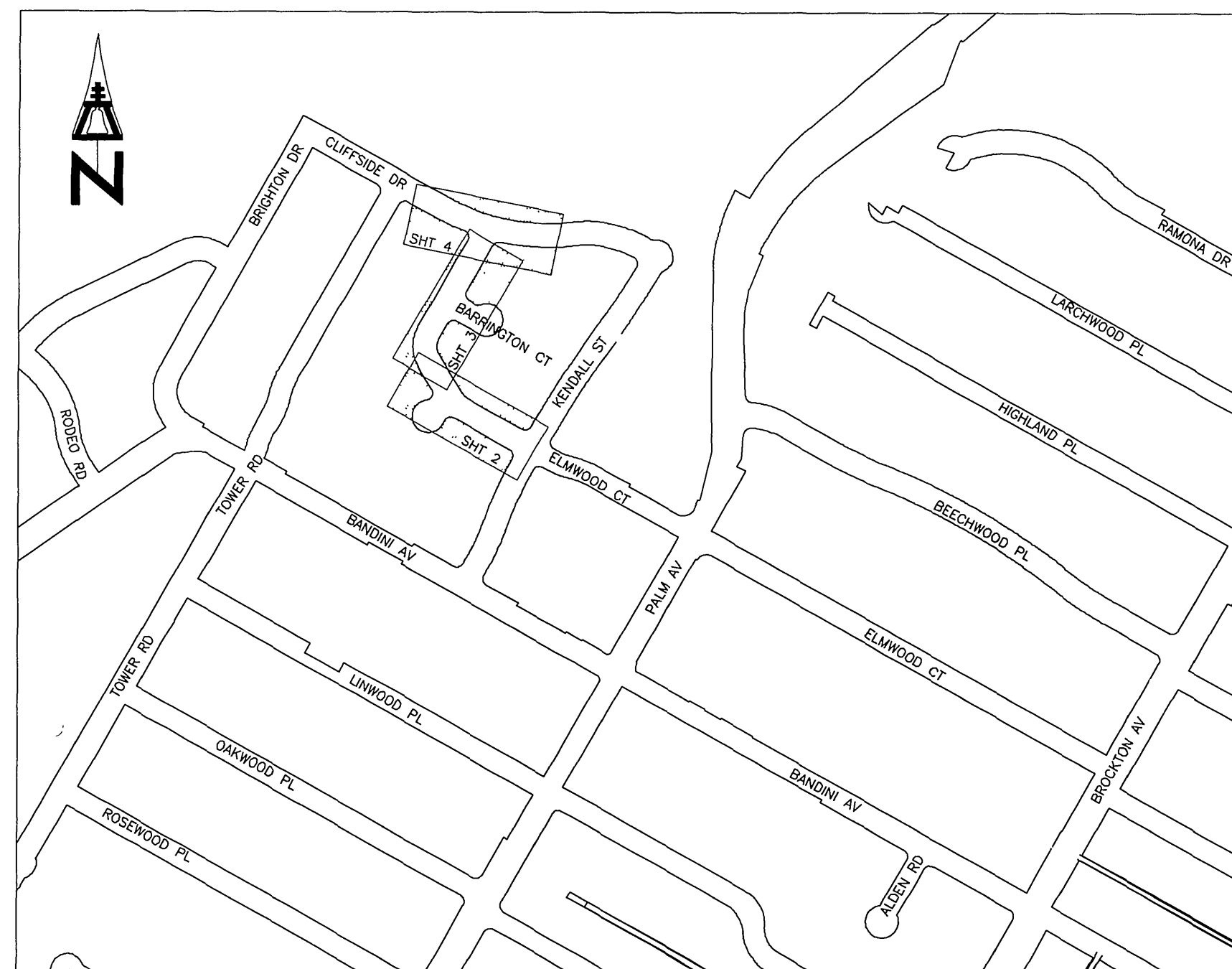
EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:



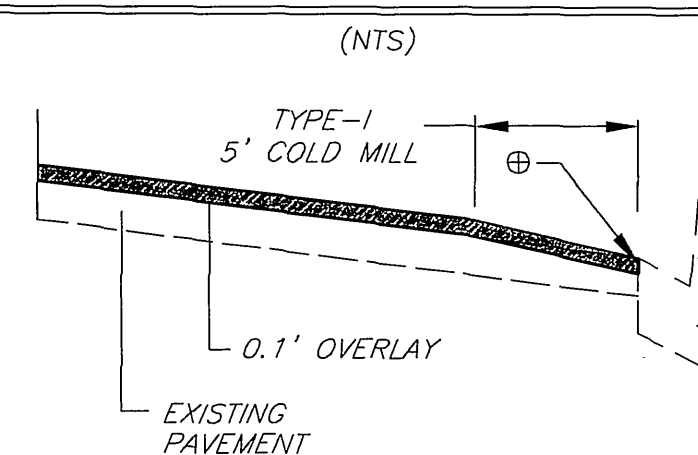
SHEET INDEX:

SHEET 1	COVER SHEET
SHEET 2	PLAN AND PROFILE FOR ELMWOOD COURT AND CUL-DE-SAC
SHEET 3	PLAN AND PROFILE FOR ELMWOOD COURT.
SHEET 4	PLAN AND PROFILE FOR CLIFFSIDE DRIVE.



PROJECT LOCATION MAP
NTS

WCR CURB FACE GRINDING DETAIL



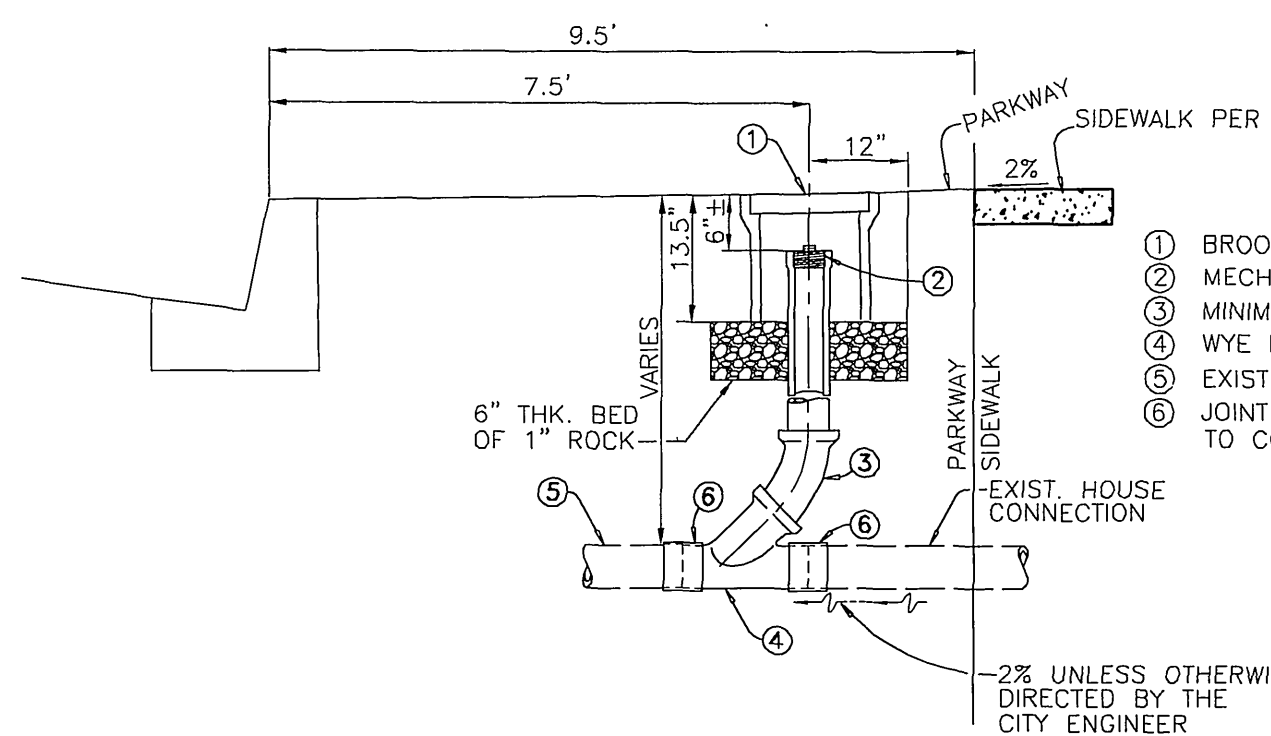
PAVING & COLD MILLING DETAIL

N.T.S.

ASPHALT RUBBER HOT MIX SHALL BE ROLLED TO WITHIN + 1/4" TO FLUSH WITH THE GUTTER LIP.

PAVING NOTE

LIMITS OF PAVING WILL BE DETERMINED BY THE CITY INSPECTOR AT THE TIME OF CONSTRUCTION.



CLEANOUT DETAIL (TYP)

NO SCALE

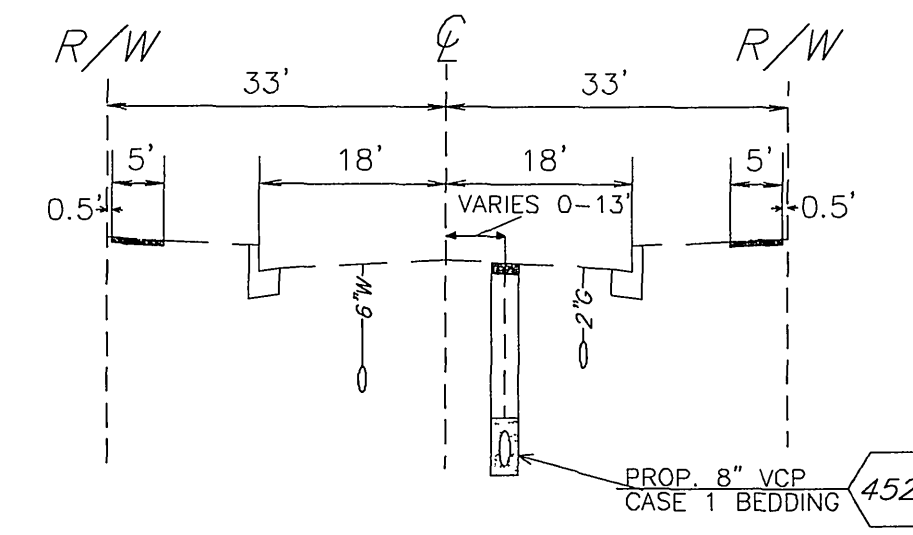
MATERIALS

- BROOKS NO. 9-T VALVE BOX OR EQUAL. (MARKED SEWER)
- MECHANICAL STOPPER ST-SERIES BY MISSION RUBBER COMPANY OR CITY APPROVED EQUAL.
- MINIMUM 3" SEWER PIPE OR MATCH EXISTING.
- WYE PER UNIFORM BUILDING CODE.
- EXIST. VCP SEWER LATERAL.
- JOINT TO CONNECT EXIST. VCP TO PROP. VCP SHALL BE TYPE "Z" JOINTS. JOINTS TO CONNECT PROP. VCP TO PROP. VCP SHALL BE TYPE "G".

NOTES:

- LID MUST BE CAST IRON AND MARKED SEWER.
- BACKFILL OVER LATERALS TO BE COMPACTED BY TAMPING OR TWO SACK SLURRY AT CONTRACTORS EXPENSE.
- GRADE PARKWAY AT 2% TOWARDS CURB OR BACK OF SIDEWALK OR AS DIRECTED BY THE ENGINEER.
- SIDEWALK OR D/W REMOVAL SHALL BE TO THE NEAREST SCORELINE. HOWEVER, NO LESS THAN 25 SQUARE FEET OF SIDEWALK OR D/W, WITH THE SMALLEST DIMENSION A MINIMUM OF 4 FEET, SHALL BE REMOVED AND REPLACED.

ELMWOOD COURT

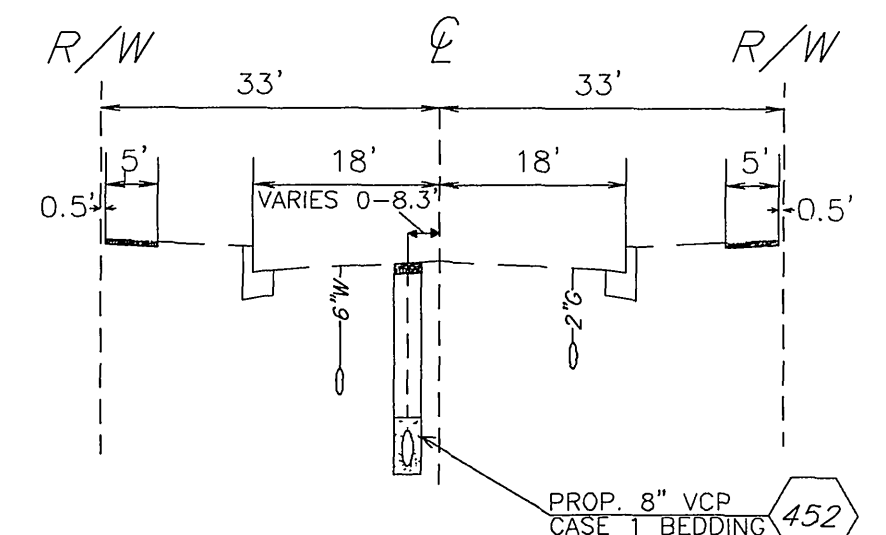


TYPICAL SECTION

PROP. 8" SEWER

SEWER STA. 10+00.00 TO 14+07.00
SEWER STA. 14+56.20 TO 16+81.61

ELMWOOD COURT

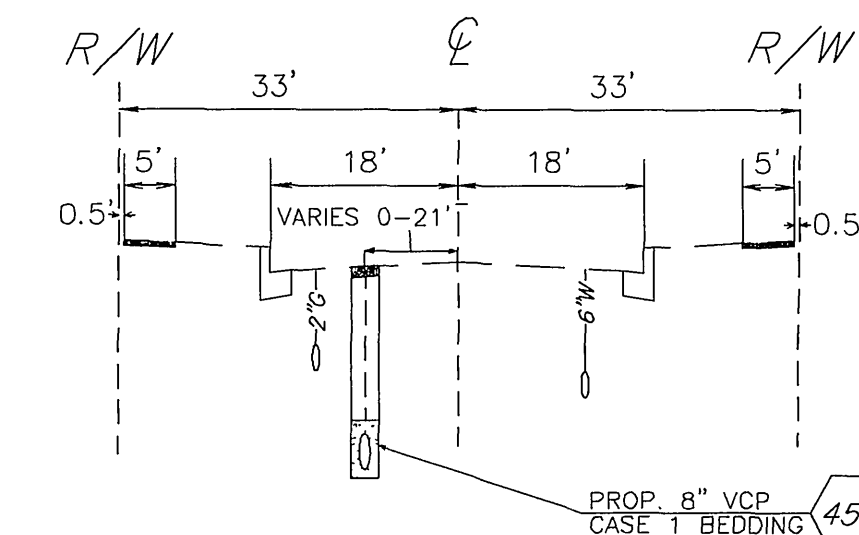


TYPICAL SECTION

PROP. 8" SEWER

SEWER STA. 14+07.00 TO 14+56.20
SEWER STA. 16+81.61 TO 18+05.44

ELMWOOD CUL-DE-SAC

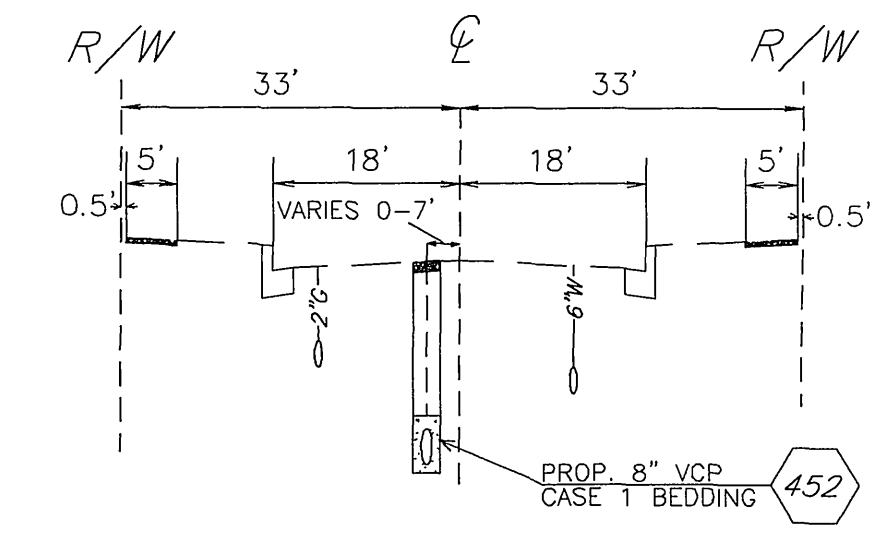


TYPICAL SECTION

PROP. 8" SEWER

SEWER STA. 20+00.00 TO 20+98.39

CLIFFSIDE DRIVE



TYPICAL SECTION

PROP. 8" SEWER

SEWER STA. 10+00.00 TO 11+81.00

QUANTITIES TABLE

#	STREET NAME	STREET LIMIT	STREET LIMIT	STREET LENGTH (LF)	STREET WIDTH (LF)	AC REMOVAL (SF)	AC REPLACE (TON)	X-GUTTER (SF)	COLD MILLING TYPE 1 5' WIDE (LF)	AC OVERLAY (TON)	SEWER MANHOLES (EA)	8" VCP (LF)	SEWER CLEANOUTS (EA)	WHEEL CHAIR RAMP	COMMENTS
1	Elmwood Court	Cliffside Drive	Kendall Street	915	32	11,000	330	400	1,830	220	6	882	13	1	RESURFACE STREET CURB TO CURB
2	Cliffside Drive	Elmwood Court	181 feet east		32						1	181	4		

BENCHMARK
POINT ID: H6-F2
BRASS DISK STAMPED "H6-F" IN A MONUMENT WELL ON THE CENTERLINE OF PALM AVENUE, 10' NORTHERLY OF THE CENTERLINE OF BANDINI AVENUE.
ELEV - 815.586'

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
LONNIE NEW YOUNG
R.G.E. No. 43216 expires 03-31-2010
DATE 10/27/2009

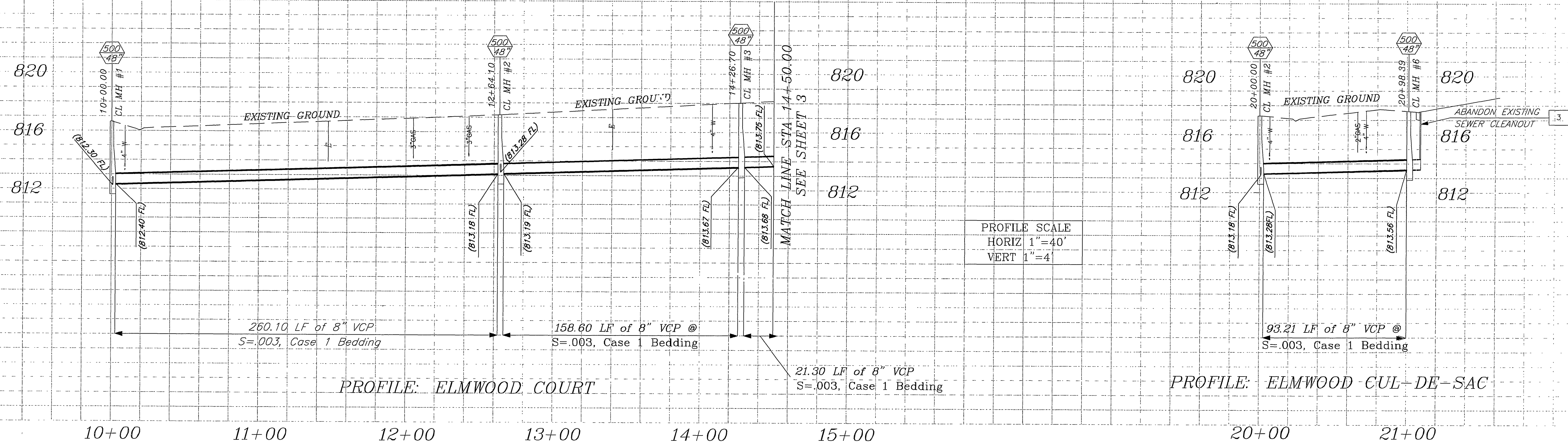
REGISTERED PROFESSIONAL ENGINEER
LONNIE NEW YOUNG
No. 43216
Exp. 03-31-2010
CIVIL
STATE OF CALIFORNIA

DESIGNED BY - LALBANO DRAWN BY - LALBANO CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature]
DATE: 11/24/11
CITY ENGINEER

ELMWOOD SEWER REPLACEMENT
ELMWOOD CT BETWEEN KENDALL ST & CLIFFSIDE DR,
CLIFFSIDE DR BETWEEN ELMWOOD CT & 181 LF EAST.

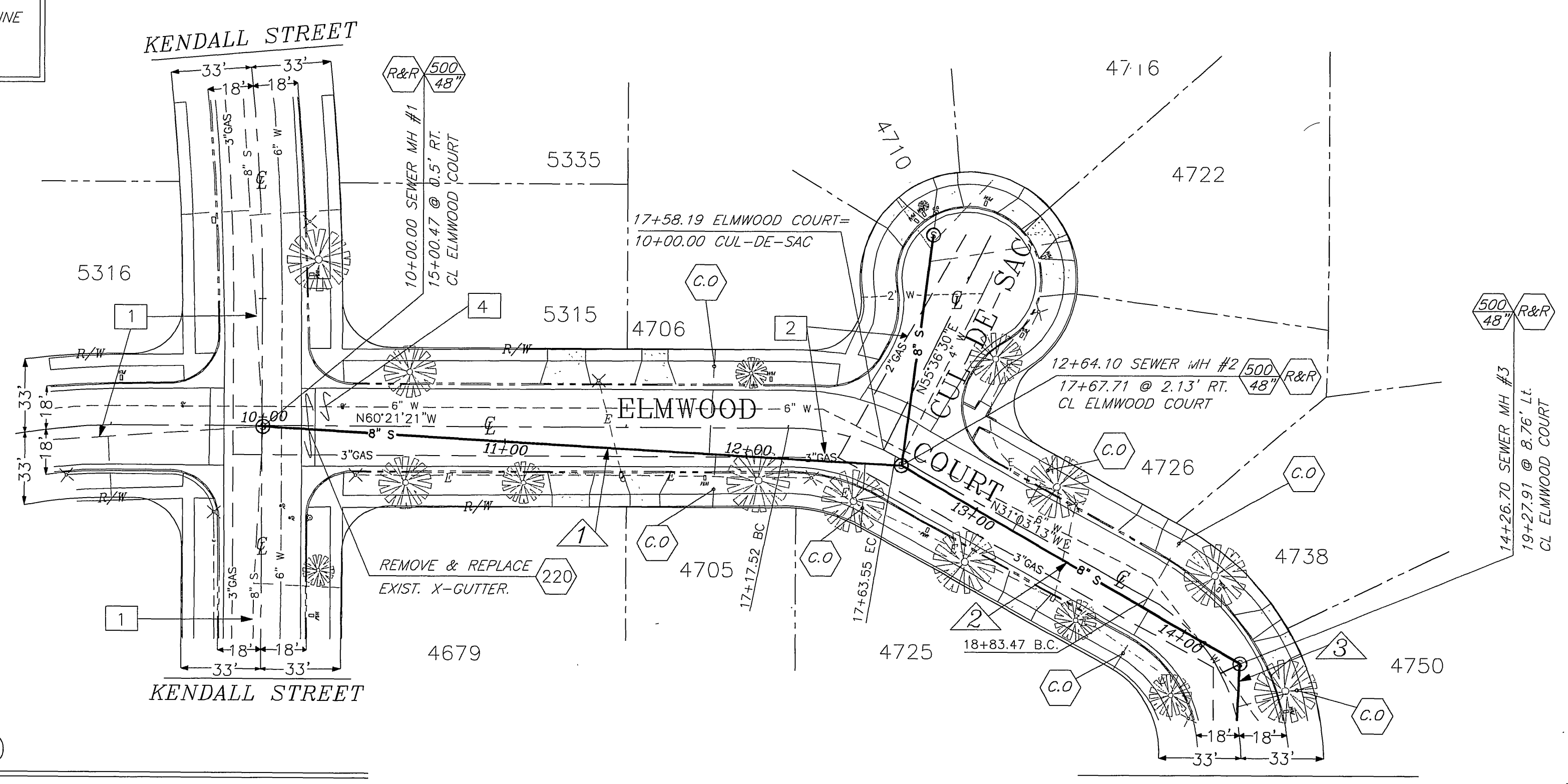
ACCT. NO. 9828123203-440301XX
W.O. NO. 0502908
S-2071
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
SHEET 1 OF 4



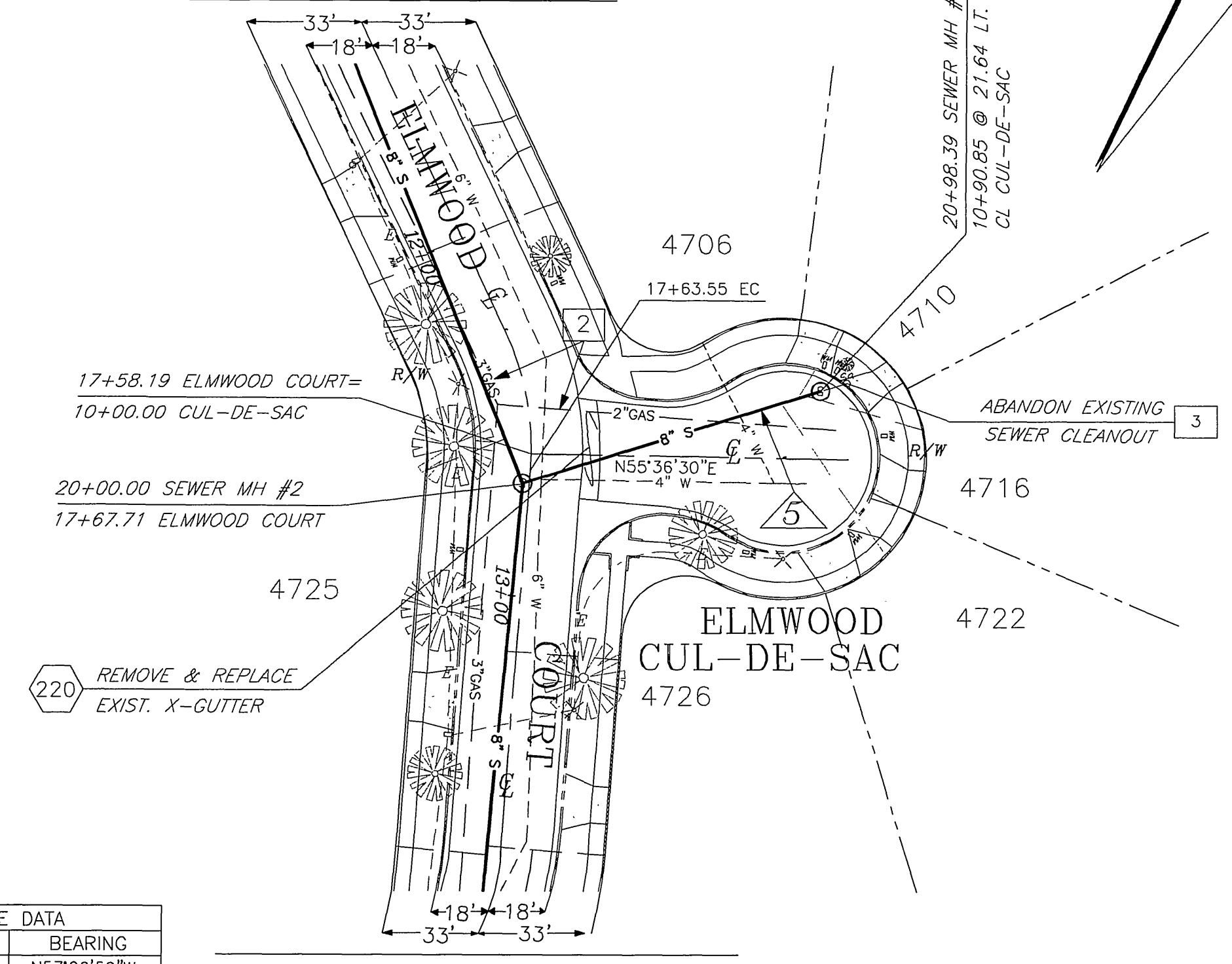
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PAVING NOTE
 LIMITS OF PAVING WILL BE DETERMINED BY THE CITY INSPECTOR AT THE TIME OF CONSTRUCTION.

PAVEMENT MARKER NOTE
 ALL DAMAGED PAVEMENT MARKERS SHALL BE REPLACED IN KIND.



SEE LEFT FOR ELMWOOD COURT



SEE LEFT FOR ELMWOOD COURT

MATCH LINE STA 14+50.00
 SEE SHEET 3

LINE NO.	L	BEARING
1	260.10'	N57°06'59"W
2	158.60'	N29°57'56"W
3	21.30'	N31°07'58"E
5	93.21'	S37°14'33"W

CONSTRUCTION LEGEND

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 Section 4126/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a Permit to Excavate will be valid. For your Dig Alert ID Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

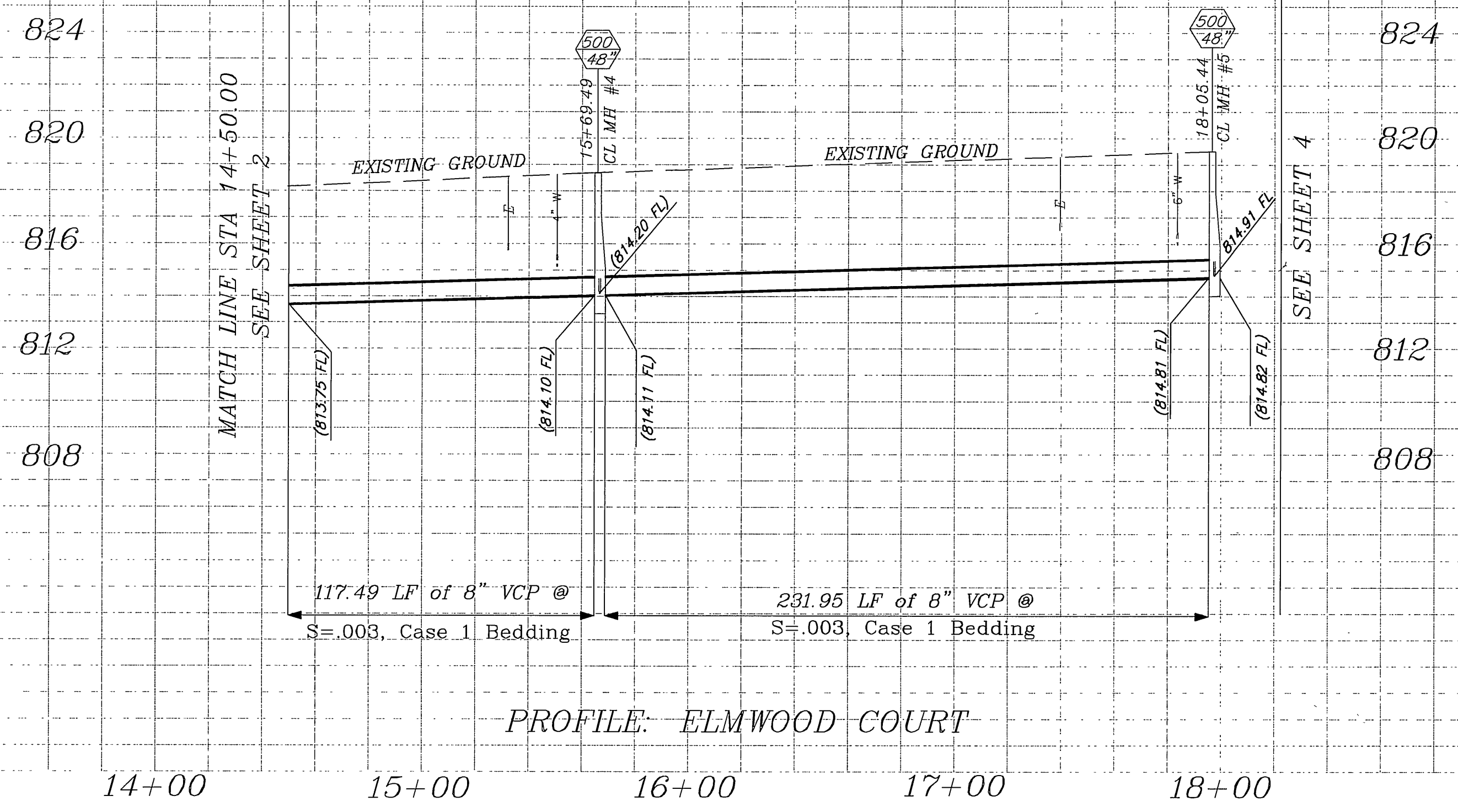
ENGINEER IN RESPONSIBLE CHARGE
 LARRY LEW YOUNG
 R.C.E. No. 43216, expires 03-31-2010
 DATE 10/27/2009

DESIGNED BY: LALBANO, DRAWN BY: LALBANO, CHECKED BY:

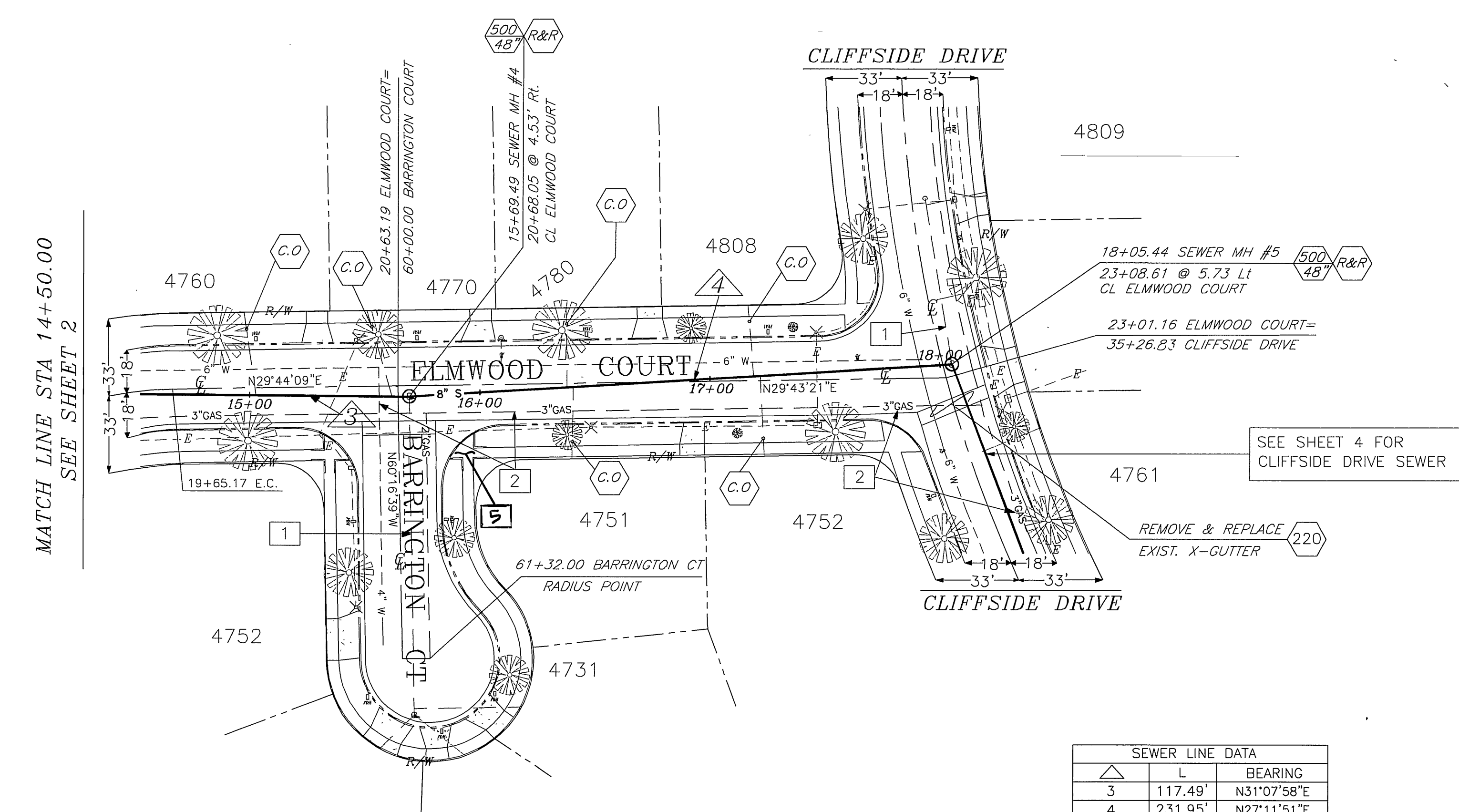
CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 DATE: 2/18/11

ELMWOOD SEWER REPLACEMENT
 ELMWOOD CT BETWEEN KENDALL ST & CLIFFSIDE DR,
 CLIFFSIDE DR BETWEEN ELMWOOD CT & 181 LF EAST.

ACCT. NO. 9828123203-440301XX
 W.O. NO. 0902908
S-2071
 SHEET 2 OF 4



PROFILE SCALE
 HORIZ 1"=40'
 VERT 1"=4'



CONSTRUCTION LEGEND

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PAVING NOTE
 LIMITS OF PAVING WILL BE DETERMINED BY THE CITY INSPECTOR AT THE TIME OF CONSTRUCTION.

SEWER LINE DATA		
LINE	LENGTH	BEARING
3	117.49'	N31°07'58"E
4	231.95'	N27°11'51"E

BENCHMARK
 POINT ID: H6-F2
 BRASS DISK STAMPED "H6-F" IN A MONUMENT WELL ON THE CENTERLINE OF PALM AVENUE, 10' NORTHERLY OF THE CENTERLINE OF BANDINI AVENUE.
 ELEV - 815.586'

IMPORTANT NOTICE
 Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be void. For your Dig Alert I.D. Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
 LONNY LEW YOUNG
 R.C.E. No. 43216 expires 03-31-2010
 DATE 10/27/2009

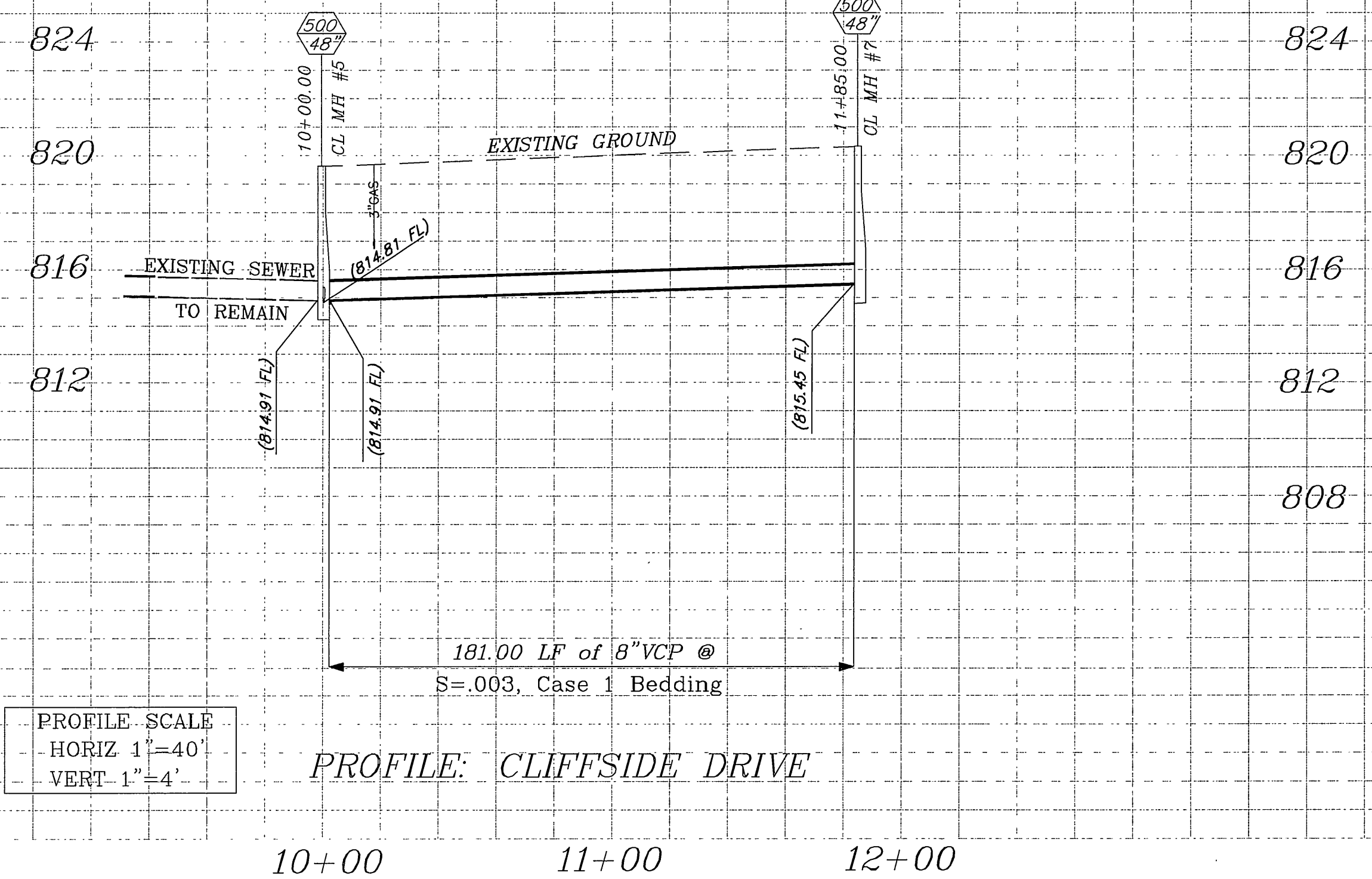


MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 INSPECTOR: [Signature]
 SURVEYOR: [Signature]
 ENGINEERING MANAGER: [Signature]
 DATE: 2/15/11

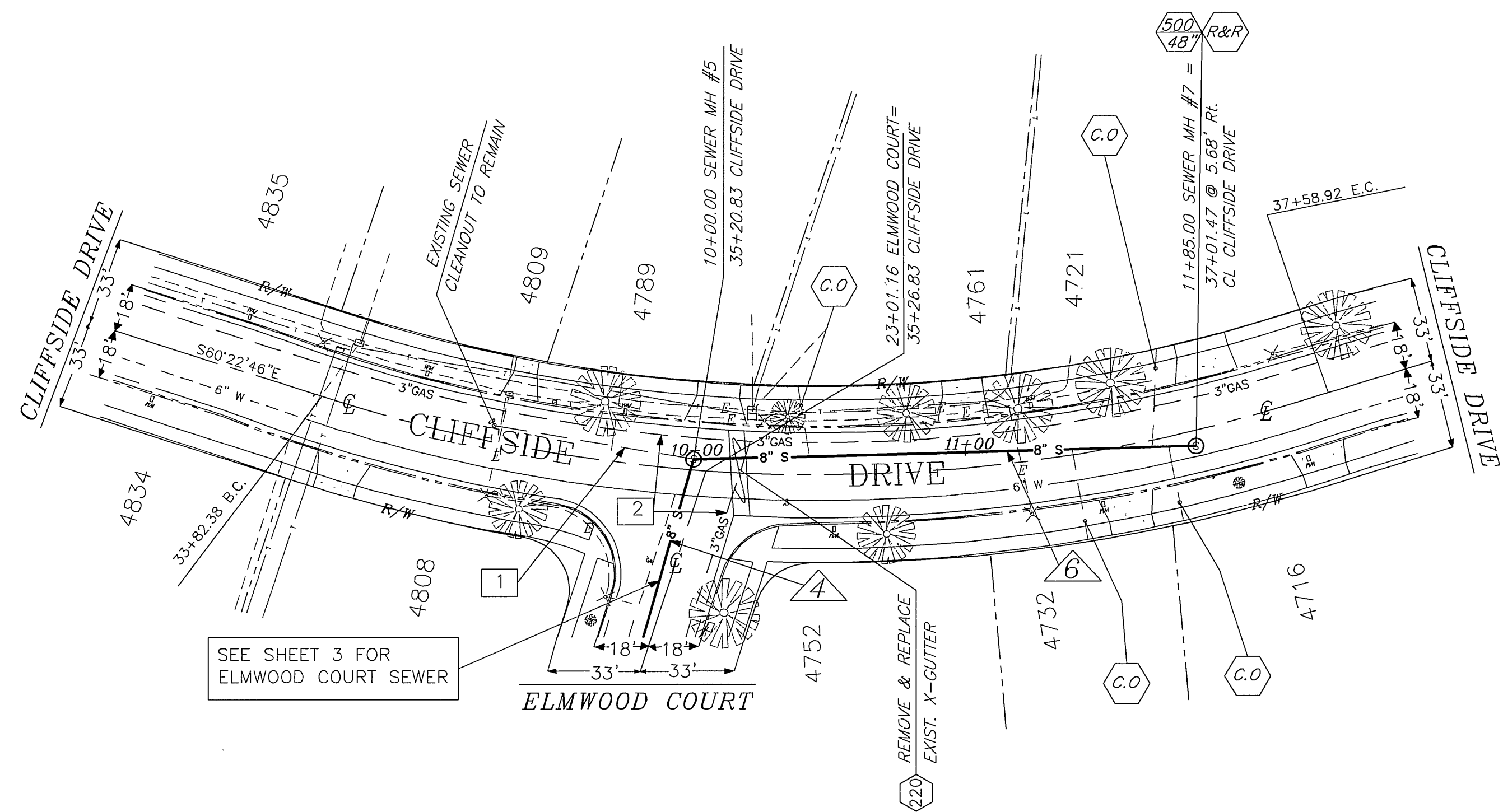
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 CLIFFSIDE DR BETWEEN ELMWOOD CT & 181 LF EAST.

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 W.O. NO. 0902908
 S-2071
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
 SHEET 3 OF 4



PROFILE SCALE
 HORIZ 1"=40'
 VERT 1"=4'

PROFILE: CLIFFSIDE DRIVE



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SEWER LINE DATA		
LINE	LENGTH	BEARING
4	231.95'	N27°11'51"E
6	181.00'	S79°51'17"E

BENCHMARK
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IMPORTANT NOTICE
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ENGINEER IN RESPONSIBLE CHARGE
 LARRY LEW YOUNG
 No. 43216
 Exp. 03-31-2010
 CIVIL
 STATE OF CALIFORNIA
 DATE 10/27/2009



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 INSPECTOR: [Signature]
 SURVEYOR: [Signature]
 ENGINEERING MANAGER: [Signature]
 DATE: 2/18/10

ELMWOOD SEWER REPLACEMENT
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