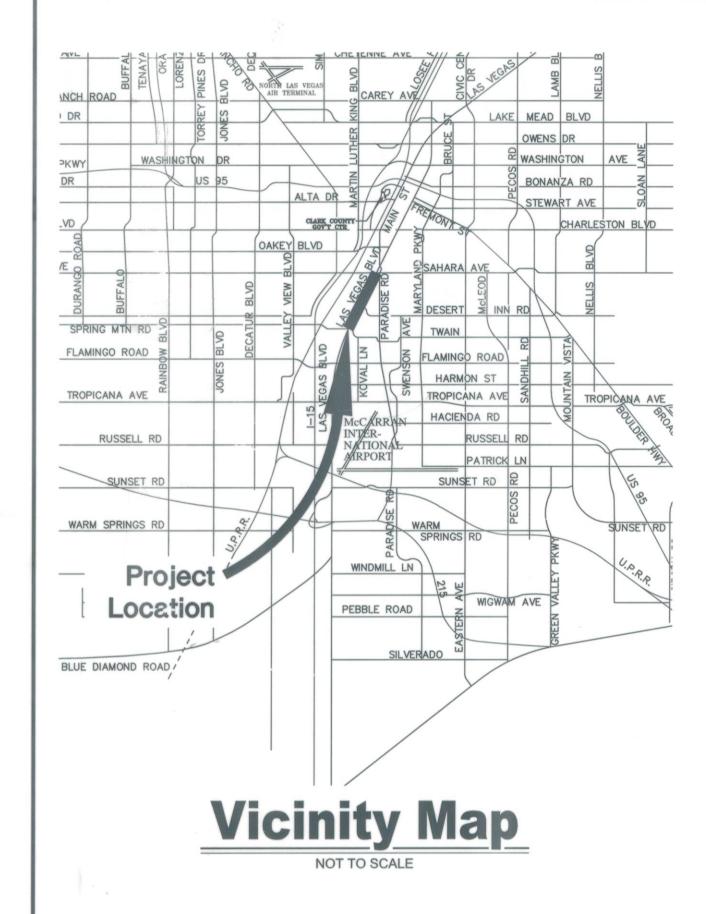
DEPARTMENT OF PUBLIC WORKS



County Commissioners

Marilyn Kirkpatrick, Chair

Lawrence Weekly, Vice Chair

Michael Naft

Lawrence Brown III

Tick Segerblom

Justin Jones

James B. Gibson



2019 LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE

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County Manager

Yolanda T King

Director of Public Works

Approved:

Denis Cederburg

FUNDED BY CLARK COUNTY

AGENCY	PLANS REVIEW ED BY	DATE
CENTRAL TELEPHONE COMPANY d/b/a CENTURYLINK	Jan Julium	9/27/19
CLARK COUNTY WATER RECLAMATION DISTRICT		
COX COMMUNICATIONS, LAS VEGAS, INC	1/0 /cole	9/26/19
LAS VEGAS VALLEY WATER DISTRICT		, - (, .
NV ENERGY COMPANY (TRANSMISSION)	ghisa Herry	9/30/19
NV ENERGY COMPANY (DISTRIBUTION)	Armando Romo	04/27/19
SOUTHWEST GAS CORPORATION		
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION	Cuthi	10/2/19
	4	

DEPARTMENT OF PUBLIC WORKS	BY	DATE
DESIGN ENGINEERING DIVISION	my Tune	9/24/19
CONSTRUCTION MANAGEMENT DIVISION	Jing What	9/24/19
MAINTENANCE MANAGEMENT DIVISION	NEW	9/24/19
TRAFFIC MANAGEMENT DIVISION	Kaynel Yands	9/24/19
COUNTY SURVEYOR'S OFFICE	MA SO	9/24/19
DEVELOPMENT REVIEW	Edilem	9-24-19
BUILDING FIRE PREVENTION	· ·	

	REVISIONS	
NUMBER	DESCRIPTION	DATE
\wedge	ISSUED FOR CONSTRUCTION	10/23/2019



TRAFFIC MANAGEMENT DIVISION

COVER SHEET

L-2210

BID No.: 605203-19

3. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BEGINNING CONSTRUCTION

SIGNATURES SHOWN ON THE COVER OF THESE PLANS BY THE LOCAL UTILITY COMPANIES DOES NOT ASSUME OR GUARANTEE THEIR LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS. THE CONTRACTOR SHALL COORDINATE WITH NV ENERGY, d/b/a CENTURYLINK, LOCAL CABLE COMPANY AND THE SOUTHWEST GAS CORPORATION FOR THE RELOCATION OF UNDERGROUND OR OVERHEAD UTILITIES THAT INTERFERE WITH THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOT REMOVE TREES, SHRUBS, LAWNS, WALLS, FENCES, SIGNS, STRUCTURE, LIGHTS OR ANY OTHER IMPROVEMENTS OUTSIDE THE RIGHT—OF—WAY EXCEPT WHERE REQUIRED TO DO

SO BY THE CONTRACT DRAWINGS OR AS DIRECTED BY THE ENGINEER.

EXACT LOCATIONS OF ALL SAWCUT LINES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THOSE SAWCUTS THAT ARE LONGITUDINAL TO THE ROADWAY MAY BE WHEEL CUT WITH EQUIPMENT AS

APPROVED BY THE ENGINEER. ALL OTHER SAWCUTS SHALL BE MADE BY A ROTARY SAW.

8. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING REQUIRED TO REMAIN, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.

INSTALLATION OF TRAFFIC SIGNAL COMPONENTS SHALL BE SUPERVISED BY A CERTIFIED IMSA LEVEL II TRAFFIC SIGNAL ELECTRICIAN OR LEVEL II TRAFFIC SIGNAL TECHNICIAN. THIS SHALL INCLUDE THE INSTALLATION OF ALL UNDERGROUND CONDUIT AND CONDUIT BENDS. AN ELECTRICIAN CERTIFIED AS A JOURNEYMAN ELECTRICIAN IN CLARK COUNTY SHALL INSTALL ALL CONDUCTORS AND ELECTRICAL TERMINATIONS. THE CONTRACTOR SHALL HOLD A VALID C-2 ELECTRICAL LICENSE ISSUED BY THE STATE OF NEVADA.

10. TWO (2) WEEKS PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL CALL CLARK COUNTY TRAFFIC OPERATIONS AT (702) 455-6000 AND INFORM THE TRAFFIC SIGNAL SYSTEMS SUPERVISOR OF THE

WORK START DATE FOR COORDINATION.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND AND AERIAL UTILITIES AND INFRASTRUCTURES LIKELY TO BE AFFECTED BY THEIR WORK. THE LOCATION OF UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY AND MAY NOT INCLUDE ALL UTILITIES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED PROMPTLY IN A MANNER SATISFACTORY TO THE UTILITIES' OWNERS AT THE CONTRACTOR'S EXPENSE.

2. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ANY DAMAGE OR MODIFICATION TO LANDSCAPE/IRRIGATION TO PRE—CONSTRUCTION CONDITION. MODIFIED LANDSCAPE WILL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT THE COST THEREOF SHALL BE CONSIDERED AS INCLUDED IN

THE UNIT COST OF EACH RELATED PAY ITEM.

13. REMOVAL AND REPLACEMENT OF ANY CURB, GUTTER AND SIDEWALK REQUIRED TO INSTALL THE FIBER OPTIC INTERCONNECT SYSTEM SHALL BE INCLUDED IN THE UNIT COST OF EACH RELATED PAY ITEM.

14. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND ENSURING THAT ALL EXISTING INDUCTION LOOPS AND HOME RUNS TO THE PULL BOXES REMAIN UNCUT AND OPERATIONAL, UNLESS SHOWN FOR

REPLACEMENT ON PLANS.

15. THE FOLLOWING CLARK COUNTY UNDERGROUND FACILITIES MAY BE LOCATED IN YOUR PROJECT AREA: FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION (FAST) INTERCONNECT CABLE. CONTRACTOR MUST CONTACT FAST AT 702-432-5300 FOR UNDERGROUND LINE LOCATIONS.

6. FAST INTERCONNECT CABLE POLICY IS IN EFFECT. INTERCONNECT/FIBER OPTIC CABLE MUST BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL PROVIDE TEMPORARY OVERHEAD INTERCONNECT/FIBER OPTIC CABLE WHILE PERMANENT CABLE IS BEING RELOCATED. TEMPORARY AERIAL INSTALLATION MUST BE ACCEPTABLE TO THE COUNTY TRAFFIC MANAGER AND TO FAST. ANY DAMAGE TO THIS CABLE IS DEEMED AN EMERGENCY BY FAST, CITY OF LAS VEGAS, CLARK COUNTY AND NDOT AND MUST BE REPAIRED IMMEDIATELY TO FAST ACCEPTANCE. DAMAGES MAY BE ASSESSED AGAINST THE CONTRACTOR AFTER 24 HOURS HAS ELAPSED FROM THE TIME OF BREAK OR DAMAGE. \$2,500 PER DAY FOR DAMAGE TO COPPER WIRED INTERCONNECT CABLE AND \$7,500 PER DAY FOR DAMAGE TO FIBER OPTIC CABLE.

17. ALL NEW INTERCONNECT/FIBER OPTIC CONDUITS SHALL HAVE A 6—PAIR PE39 #22 AWG TWISTED WIRE PAIR CABLE AND PULL ROPE IN EACH CONDUIT RUN BETWEEN EACH PULL BOX OR VAULT.

18. ALL EXISTING INTERCONNECT/FIBER OPTIC RELATED METAL P30 PULL BOX COVERS/LIDS THAT ARE REPLACED SHALL BE REPLACED WITH A RESIN POLYMER REINFORCED NON—CONDUCTIVE COVER MARKED

"FIBER OPTIC". METAL PULL BOX COVERS THAT ARE REPLACED SHALL BE DELIVERED TO CLARK COUNTY TRAFFIC OPERATIONS.

19. ALL NEW INTERCONNECT/FIBER OPTIC RELATED P30 PULL BOXES SHALL BE POLYMER CONCRETE AND HAVE A COVER MARKED "FIBER OPTIC". THE COVER SHALL BE HEAVY DUTY, SOLID (FULL DEPTH WITH NO VOIDS UNDER THE LID), RESIN POLYMER NON—CONDUCTIVE COVER, WHICH CAN WITHSTAND THE STATIC LOADS AS REQUIRED BY NOTE 35.

20. CONDUIT ROUTING AND PULL BOX OR VAULT LOCATIONS ARE SCHEMATIC FOR THE PURPOSE OF CLARITY AND MAY DIFFER FROM ACTUAL INSTALLATION. FINAL LOCATION OF PULL BOXES OR VAULTS SHALL BE

DETERMINED IN THE FIELD BY THE ENGINEER.

21. PULL BOXES OR VAULTS SHALL NOT BE INSTALLED IN SIDEWALK RAMPS, WITHIN ANY DRIVEWAY, OR WITHIN TEN (10) FEET OF ANY DRIVEWAY.

22. ALL CONDUIT BENDS FOR FIBER OPTIC INTERCONNECT TERMINATING IN PULL BOXES, VAULTS, TRAFFIC

SIGNAL POLES AND TRAFFIC CONTROLLER CABINETS SHALL BE IN ACCORDANCE WITH THE CLARK COUNTY STANDARD SPECIFICATIONS AND PROJECT SPECIAL PROVISIONS.

23. ALL CONDUITS SHALL EXTEND A MINIMUM OF SIX (6) INCHES ABOVE THE GROUND LEVEL OF THE BOTTOM OF A PULL BOX OR VAULT OR A MINIMUM OF THREE (3) INCHES INTO THE SIDE OF A PULL

BOX OR VAULT.

24. ALL CONDUIT OPENINGS SHALL BE SEALED WITH DUCT SEAL OR APPROVED EQUIVALENT. ALL
ELECTRICAL CONDUIT, FITTINGS, AND COUPLINGS SHALL BE JOINED TOGETHER PER THE CURRENT
NATIONAL ELECTRICAL CODE.

25. FIBER OPTIC INTERCONNECT CONDUITS SHALL HAVE A P30 PULL BOX OR T200 VAULT SPACED A MAXIMUM OF 750 FEET APART ON NON-CONTROLLED ACCESS FACILITIES AND 1000 FEET APART ON

CONTROL ACCESS FACILITIES ALONG THE CONDUIT RUN.

26. THE CONTRACTOR SHALL RESTORE ALL PAVEMENT MARKINGS DAMAGED TO OR BY CONSTRUCTION OR AS SHOWN ON PLANS.

27. CONTRACTOR SHALL CALL SOUTHWEST GAS AT 702-651-2111 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES.
 28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF ALL LAS VEGAS VALLEY WATER DISTRICT FACILITIES, CLARK COUNTY STORM DRAIN MANHOLES AND CLARK COUNTY WATER RECLAMATION DISTRICT MANHOLES TO FINISHED GRADE AS INDICATED ON THE PLANS OR IN THE

SPECIAL PROVISIONS UNLESS OTHERWISE INDICATED.

29. CONTRACTOR SHALL PROVIDE SOUTHWEST GAS, NV ENERGY, COX COMMUNICATIONS AND CENTRAL

TELEPHONE COMPANY d/b/a CENTURYLINK AT LEAST TWO (2) WEEKS NOTICE TO RAISE AND/OR LOWER

THEIR FACILITIES.

O. THE LOCATION OF THE EXISTING STOP LINES SHALL BE MARKED AND/OR SURVEYED PRIOR TO THE REMOVAL OF THE EXISTING PAVEMENT MARKINGS. CONTRACTOR SHALL INSTALL THE NEW STOP LINES AT LOCATION OF EXISTING STOP LINES.

GENERAL NOTES (CONTINUED)

31. CONTRACTOR IS TO CONNECT THE NEW LOOP WIRES TO THE EXISTING LEAD-IN CABLE IN EXISTING PULLBOX. CONTRACTOR TO LOCATE LOOP DETECTORS BASED ON SURVEYED STOP LINE LOCATIONS.

32. LOOP WIRE OTHER THAN PRE-FORMED LOOPS FOR INSTALLATION IN SAWCUTS SHALL MEET IMSA SPECIFICATION 51-5. IT SHALL BE SINGLE CONDUCTOR NO. 14 AWG, COPPER WIRE WITH 19 STANDS. THE INSULATION SHALL BE 15 MILS OF ORANGE PVC COMPLYING WITH UL 62 WITH AN OVERALL JACKET OF CLEAR NYLON IN ACCORDANCE WITH ASTM D4066.

33. THE INDUCTION LOOP WIRES SHALL BE SOLDERED AND SEALED TO THE LOOP LEAD-IN

34. TRAFFIC SIGNAL INFRASTRUCTURE, INCLUDING BUT NOT LIMITED TO LOOP DETECTORS, LOOP LEAD—IN CABLES, CONDUITS, CONDUCTORS AND PULL BOXES MAY HAVE BEEN INSTALLED IN YOUR PROJECT AREA FOR EXISTING AND/OR FUTURE TRAFFIC SIGNAL SYSTEMS. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING TRAFFIC SIGNAL INFRASTRUCTURE WITHIN THE PROJECT LIMITS. ANY DAMAGE TO THE TRAFFIC SIGNAL INFRASTRUCTURE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPLACED AND/OR REPAIRED PROMPTLY IN A MANNER SATISFACTORY TO THE TRAFFIC MANAGER AT THE CONTRACTOR'S EXPENSE.

35. ALL NEW PULL BOX ASSEMBLIES (BOX WITH COVER SECURELY ATTACHED) SHALL BE DESIGNED FOR A VERTICAL STATIC LOAD OF 16,000 POUNDS APPLIED WITH A 1.3 SAFETY FACTOR. A VERTICAL TEST LOAD OF 20,800 POUNDS APPLIED TO A 10-INCHX10-INCH STEEL PLATE CENTERED ON THE COVER'S SURFACE SHALL NOT CAUSE FAILURE ON ANY PART OF THE ASSEMBLY.

36. MANUFACTURER'S CERTIFIED TEST RESULTS, SHOWING COMPLIANCE WITH SPECIFIED DESIGN LOADS AND SAFETY FACTORS ALONG WITH A PHYSICAL DESCRIPTION OF THE TESTING METHODS USED TO ACHIEVE THOSE RESULTS, WILL BE REQUIRED FOR EACH TYPE OF PULL BOX BEING FURNISHED. TEST RESULTS SHALL SHOW THE PROJECT NUMBER, CONTROL NUMBER, AND PROJECT LOCATION AND SHALL BE SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE FIRM MANUFACTURING THE PULL BOX.

37. ALL NEW INTERCONNECT RELATED T200 PULL BOX SHALL BE CONCRETE AND HAVE AN ADJUSTABLE TORSION SPRING ASSISTED METAL COVER MARKED "FIBER OPTIC". THE PULL BOX ASSEMBLY SHALL HAVE A DESIGN LOAD OF H-20 WHEEL LOADINGS. PULL BOX COVER SHALL BE GROUNDED PER THE PULL BOX COVER BONDING DETAIL.

38. INTERCONNECT CONDUIT BENDS SHALL HAVE A 24-INCH MINIMUM RADIUS.

39. ALL PULL BOX COVERS SHALL HAVE A MINIMUM SIX (6) INCH CLEARANCE FROM ANY

CONDUIT.

40. THE CONTRACTOR IS TO MAINTAIN AND KEEP OPERATIONAL ALL EXISTING ITS INFRASTRUCTURE WITHIN THE CONSTRUCTION LIMITS. IF ANY EXISTING ITS INFRASTRUCTURE IS DAMAGED DUE TO CONSTRUCTION WITHIN THE PROJECT LIMITS THE CONTRACTOR IS TO IMMEDIATELY CONTACT MR. JESUS "CHUY" MARMOLEJO (RTC/FAST MANAGER TRAFFIC SYSTEMS MAINTENANCE) AT 702-604-7078 CELL OR AT 702-432-5300 GENERAL

SYSTEMS MAINTENANCE) AT 702-604-7078 CELL OR AT 702-432-5300 GENERAL.

41. IF ANY EXISTING FIBER OPTIC CABLE IS TO BE CUT OR SPLICED, ALONG OR ADJACENT LAS VEGAS BOULEVARD, THE CONTRACTOR IS TO CONTACT MR. JESUS "CHUY" MARMOLEJO TWO (2) WEEKS IN ADVANCE.

42. NÓ FIBER OPTIC CONDUITS, PULL BOXES, OR VAULTS SHALL BE INSTALLED IN THE SAME TRENCH, ABOVE, OR IN CONFLICT WITH NV ENERGY UNDERGROUND FACILITIES. NV ENERGY UNDERGROUND FACILITIES SHALL BE LOCATED PRIOR TO CONSTRUCTION ANY QUESTIONS REGARDING CONFLICTS SHALL BE DIRECTED TO MR. ROBERT BATES 702-402-6745. REQUESTS FOR COURTESY SITE VISITS FROM U.G. INSPECTORS OR IF A CONFLICT IS ANTICIPATED OR EXPOSED SHALL BE DIRECTED TO MR. LANNY DIAZ 702-402-3008.

43. TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS WAS DEVELOPED BASED ON A

SEARCH OF BEST AVAILABLE RECORDS AND INFORMATION. LOCATIONS AND CONDITIONS OF IMPROVEMENTS SHOWN ARE SUBJECT TO CHANGE AND SHALL BE FIELD VERIFIED.

44. CONTRACTOR MUST NOTIFY MR. LONNIE BROWN (RTC/FAST ARCHITECTURE PLANNER) AT 702-432-5307 OR AT BROWNL@RTCSNV.COM, ONCE ALL PROJECT ITS FIBER OPTIC WORK IS COMPLETE. A COPY OF AS-BUILD DRAWINGS MUST BE PROVIDED TO RTC/FAST UPON

COMPLETION OF PROJECT.

REGIONAL TRANSPORTATION COMMISSION (RTC) TRANSIT NOTES

1. THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE MORE THAN ONE CONSECUTIVE BUS STOP ON THE SAME SIDE OF THE STREET. TEMPORARY BUS STOPS AND BUS STOP AMENITIES SHALL BE AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANT AT ALL TIMES. THE CONTRACTOR SHALL NOTIFY RTC TRANSIT OF PROPOSED BUS STOP CLOSURES AND/OR BUS STOP AMENITY DISRUPTIONS VIA NOTIFYRTCTRANSIT@RTCSNV.COM AT LEAST SEVEN CALENDAR DAYS PRIOR TO THE START OF WORK. NOTIFICATION OF BUS STOP CLOSURES INVOLVING REMOVAL OF EXISTING AMENITIES SHALL BE PROVIDED TO RTC TRANSIT AT LEAST 10 CALENDAR DAYS PRIOR TO THE START OF WORK.

2. THE CONTRACTOR SHALL SUBMIT A BUS STOP CLOSURE SCHEDULE TO RTC TRANSIT WITH THE APPROVED TRAFFIC CONTROL PLAN AT LEAST SEVEN CALENDAR DAYS PRIOR TO THE START OF WORK. THE BUS STOP CLOSURE SCHEDULE SHALL IDENTIFY THE DURATION OF PROPOSED BUS STOP CLOSURES AND TEMPORARY BUS STOP RELOCATIONS AND TIMES OF DAY THAT STOPS ARE EXPECTED TO BE IMPACTED BY THE WORK. ALL BUS STOP CLOSURES, TEMPORARY BUS STOPS, AND TEMPORARY BUS TURN OUTS MUST BE APPROVED BY RTC TRANSIT STAFF PRIOR TO THE START OF WORK

3. ALL EXISTING TICKET VENDING MACHINES (TVM) ARE AN INTEGRATED COMPONENT OF THE RTC ITS SYSTEM. THE CONTRACTOR SHALL PROTECT AND MAINTAIN EXISTING TVM AT ALL TIMES FOR ALL RTC TRANSIT PICK UP LOCATIONS. THE CONTRACTOR SHALL CONTACT RTC AND REPORT ANY INTERRUPTION TO THE EXISTING TVM.

SOUTHERN NEVADA-SOUTHWEST GAS CORPORATION GENERAL NOTES

1. IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-6020
2. THERE SHALL BE A MINIMUM HORIZONTAL AND VERTICAL CLEARANCE OF 12-INCHES BETWEEN NATURAL GAS FACILITIES AND ANY UNDERGROUND FACILITIES AND/OR STRUCTURES, INCLUDING BUT NOT LIMITED TO WATER, SEWER, STORM DRAIN, COMMUNICATIONS. AND ELECTRIC

3. FOR VALVE ADJUSTMENT CONTACT 702-668-6107 48 HOURS PRIOR TO CONSTRUCTION
4. IN THE EVENT OF NATURAL GAS CONFLICT WITH PROPOSED UTILITIES AND/OR STRUCTURES CONTACT 702-365-2099

CAUTION: HIGH PRESSURE GAS!!!

CALL SOUTHWEST GAS AT 702-400-1789 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT (LVVWD) STANDARD NOTES

LVVWD PROJECT #136077 (REVISED 01/09/2017)

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. FOR FUTURE INSPECTIONS, NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.

2. ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2010 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS). THE LATEST EDITION OF UDACS SHALL SUPERSEDE ANY CONFLICTS CONTAINED IN THE APPROVED DRAWINGS AND/OR SPECIFICATIONS.

3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.

4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.

5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.

6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.

.7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.

8. ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2010 EDITION OF THE UDACS.

9. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.

10. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802, TWO (2) WORKING DAYS PRIOR TO METER PICKUP.

11. ANY INTERRUPTION OF SERVICE MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.14.01, AND APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.

12. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD PRE—APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

13. TELEPHONE "CALL BEFORE YOU DIG" AT "811" OR 1-800-227-2600.

14. THE INSTALLATION OF LAS VEGAS VALLEY WATER DISTRICT (LVVWD) MUNICIPAL WATER FACILITIES WITHIN ALL STREETS IS ASSUMED TO BE IN COMPLIANCE WITH THE UNIFORM STANDARDS, INCLUDING THE PLACEMENT OF ASPHALT PAVING STREET SURFACES. ANY REPAIR WORK DONE BY THE LVVWD TO THE MUNICIPAL WATER FACILITIES WILL INCLUDE THE PLACEMENT OF AN APPROPRIATELY SIZED ASPHALT REPAIR PATCH ON THE STREET SURFACE.

ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS THE RESPONSIBILITY OF THE OWNER'S ASSOCIATION, OR THE INDIVIDUAL PROPERTY OWNERS IF NO OWNER'S ASSOCIATION IS IN EXISTENCE, OR THE AGENCY HAVING JURISDICTION. DECORATIVE SURFACE MATERIALS PLACED WITHIN THE TEN FOOT EASEMENT ABUTTING A PUBLIC OR PRIVATE STREET, IF DISTURBED BY THE LVVWD DURING THE REPAIR OR OPERATION OF ITS FACILITIES, WILL BE REPLACED BY LVVWD WITH AN APPROPRIATELY SIZED PLAIN FINISH CONCRETE PATCH. THE LVVWD WILL NOT RESTORE, AND WILL NOT BE RESPONSIBLE FOR THE RESTORATION OF, ANY DECORATIVE PAVING SURFACE WITHIN THE STREET. THE LVVWD WILL NOT ATTEMPT TO MATCH COLOR OR FINISH OF ANY ADJACENT MATERIALS.

15. NO LEAD COMPLIANCE NOTE:

TO COMPLY WITH THE FEDERAL SAFE DRINKING WATER ACT, ALL WATER WORKS BRASS PRODUCTS PROPOSED TO BE RELOCATED, OR INSTALLED AS NEW MUST BE INSTALLED WITH THE LEAD FREE APPROVED PRODUCT. THE OLD LEADED PRODUCT MAY NOT BE REUSED.

CCWRD SANITARY SEWER GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, LATEST EDITION AND THE UNIFORM STANDARDS FOR PUBLIC WORKS OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION.

2. ANY CONFLICTS BETWEEN THESE DOCUMENTS AND THE STANDARDS REFERENCED IN NOTE 1 MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD PRIOR TO PERFORMING ANY WORK.

3. ALL REVISIONS OF THE APPROVED PLANS MUST BE SUBMITTED TO THE CLARK COUNTY WATER RECLAMATION DISTRICT (DISTRICT) FOR REVIEW AND BE APPROVED PRIOR TO PROCEEDING WITH THE WORK. ALL WORK CONSTRUCTED WITHOUT THE APPROVAL OF THE DISTRICT MUST BE REMOVED AT THE CONTRACTORS EXPENSE.

4. ALL SANITARY SEWERS SHALL BE PVC SDR-35 SOLID WALL UNLESS OTHERWISE NOTED.

5. ALL SANITARY SEWER MAINS 8-INCHES AND LARGER AND ALL STUBS 8-INCHES AND LARGER ENTIRELY WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PUBLIC UNLESS OTHERWISE NOTED. ALL ON-SITE SEWER INFRASTRUCTURE SHALL BE PRIVATE UNLESS OTHERWISE NOTED.

6. ALL SANITARY SEWER MAINS SHALL BE THE SAME MATERIAL, SIZE, & SLOPE BETWEEN MANHOLES.

7. ALL SEWER MAINS SHALL BE IN THEIR OWN TRENCHES. THERE WILL BE NO SHARED TRENCHES ALLOWED.

8. THE MINIMUM SLOPES FOR ALL PIPES SHALL BE IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS.

9. ALL SANITARY SEWER MANHOLES MUST BE LOCATED SUCH THAT THEY ARE ACCESSIBLE IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION

10. A DEBRIS TRAP MUST BE INSTALLED IN THE EXISTING SYSTEM AT THE POINT OF CONNECTION IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS.

11. ALL EXISTING MANHOLE CORROSION PROTECTION SYSTEMS MUST BE RESTORED TO THEIR ORIGINAL CONDITION, IF MODIFIED.

12. LOCATOR RIBBON AND MARKER BALLS SHALL BE PLACED ABOVE ALL NEW SEWER MAINS AND LATERALS IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS.

13. ALL EXISTING GRADE MUST BE RAISED TO WITHIN 18-INCHES OF FINAL GRADE PRIOR TO ANY SEWER TRENCHING.

14. SPECIAL NOTE: IN NEW PAVED AREAS ALL CCWRD EXISTING MANHOLES SHALL BE ADJUSTED TO GRADE PER CCWRD STANDARDS.

15. PRIVATE SANITARY SEWER NOT REVIEWED OR APPROVED BY CCWRD.

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT

CCWRD PIPES NUMBER IS #19.949

SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

WARNING CRITICAL MAIN AREA

RESORT CORRIDOR CONTAINS CRITICAL MAIN. PRIOR TO START OF CONSTRUCTION CONTRACTOR IS TO SCHEDULE WITH LVVWD INSPECTIONS AT 702-258-7171

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136077 FIRST APPROVED DATE: 12 11419

I CERTIFY THAT THE ONLY DEVIATIONS FROM THE DESIGN AND CONSTRUCTION STANDARDS THAT ARE APPROVED BY THE CCWRD ARE LISTED BELOW:

• SS-00 (SS-EP BETWEEN 16209021 AND 16209022) - DESIGN EXCEEDS MAX PIPE SLOPE AND VELOCITY.

10-23-19
SHANNON R. AHARTZ, P.E. #21219

DATE

NO. REVISIONS DATE

ISSUED FOR CONSTRUCTION

REVISED PER REVISION NO. 2

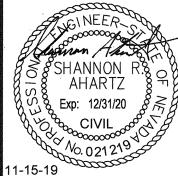
11/15/2019



APPROVE

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
GENERAL NOTES
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



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HORIZ: N/A

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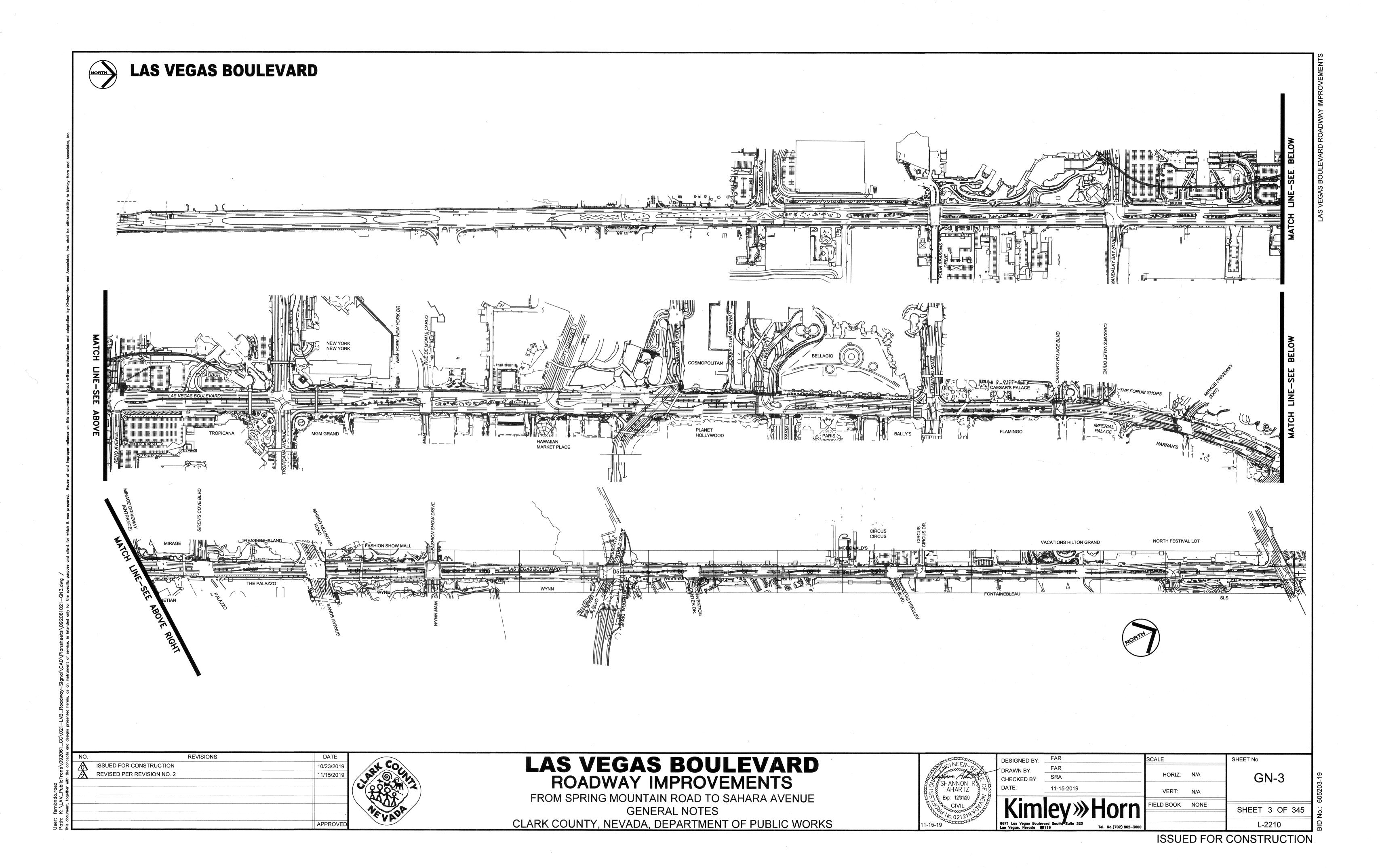
FIELD BOOK NONE

SHEET NO

SHEET NO

SHEET 2 OF 345

L-2210



LEGEND		
	EXISTING	PROPOSED
RIGHT-OF-WAY LINE		
PROPERTY LINE		
TELEPHONE LINE*	T	
CABLE TV LINE*	CATV	
STORM DRAIN LINE*	SD	
UNDERGROUND POWER LINE*	E	
OVERHEAD POWER LINE*	OH ELEC	
SANITARY SEWER LINE*	SS	
GAS LINE*	G	
FIBER OPTIC CONDUIT*	FO	
WATER LINE *	w	
TRAFFIC SIGNAL CONDUIT		
SAWCUT		
PEDESTRIAN CONTAINMENT SYSTEM		-0000
MONUMENT	⊗	
BOLLARD NUMBER		19000
SHALLOW MOUNT BOLLARD		
TRENCH MOUNT BOLLARD		•
DRILLED FOOTING BOLLARD		lacktriangle
T-BOLLARD		
NO.	REVISIONS	DATE

10/23/2019

APPROVED

AC	ASPHALTIC CONCRETE
AVE	AVENUE
BC	BACK OF CURB
BLVD	BOULEVARD
BSW	BACK OF SIDEWALK
CATV	UNDERGROUND CABLE TV
CCPW	CLARK COUNTY PUBLIC WORKS
CCWRD	CLARK COUNTY WATER RECLAMATION DISTRICT
CDCA	COMMUNICATION DISTRIBUTION CABLE ASSEMBL
CG	CURB AND GUTTER
Œ.	CENTERLINE
CONC	CONCRETE
DB	DIRECT BURY
DCSWCS	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS
DR	DRIVE
DWG	DRAWING
E	EAST
EA	EACH
ELEC	ELECTRICAL

EP/EOP EDGE OF PAVEMENT

FAST	FREEWAY & ARTERIAL SYSTEM OF TRANSPORTATION
FG	FINISH GRADE
FL	FLOW LINE
FOC	FACE OF CURB
FOW	FACE OF WALL
FT	FOOT/FEET
FMCT	FIRE METER COMPOUND TYPE
FMTB	FIRE METER TEST BENCH
IC	INTERCONNECT
ITS	INTELLIGENT TRANSPORTATION SYSTEM
LF	LINEAR FEET
LIP	LIP OF GUTTER
LN	LANE
LT	LEFT
LS	LUMP SUM
LVWD	LAS VEGAS VALLEY WATER DISTRICT
MAX	MAXIMUM

ESMT EASEMENT

NORTH

EX EXISTING

NE	NORTHEAST
NO	NUMBER
NVE	NV ENERGY
NTS	NOT TO SCALE
NW	NORTHWEST
ОС	ON CENTER
OHP	OVERHEAD POWER LINE
РВ	PULL BOX
POC	POINT OF CURVATURE
PKWY	PARKWAY
PME	PERMANENT MAINT. EASEMENT
POB	POINT OF BEGINNING
POE	POINT OF ENDING
PP	POWER POLE
PROP	PROPOSED
PT	POINT OF TANGENCY
PVMT	PAVEMENT

RPMS RAISED PAVEMENT MARKERS

S	SOUTH
SD	STORM DRAIN
SDWK	SIDEWALK
SE	SOUTHEAST
SHT	SHEET
SL	STREET LIGHT
SNWA	SOUTHERN NEVADA WATER AUTHORITY
SS	SANITARY SEWER
STA	STATION
STD	STANDARDS
ST	STREET
STD DWG	S STANDARD DRAWING
STL	STEEL
SV	SPLICE VAULT
SW	SOUTHWEST
TBC	TOP OF BACK OF CURB

NDOT NEVADA DEPARTMENT OF TRANSPORTATION RTC REGIONAL TRANSPORTATION COMMISSION TEL. TELEPHONE

R/W RIGHT-OF-WAY

SY SQUARE YARD

SQUARE FOOT

	CONTRACTOR AND AND ASSESSED.	en accidentation and a supplied						STREET, ST. STREET, ST. ST.							
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				(GEN	NER	AL N	TOL	ES						

CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



TBW TOP OF BACK OF WALL

TCE TEMPORARY CONSTRUCTION EASEMENT

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en constituent de la constitue	DESIGNED BY:			SCA
4	DRAWN BY:			
-	CHECKED BY:			************
MICHAEL	DATE:	11-15-2019		
	Kim 6671 Las Vegas Boulev Las Vegas, Nevada 89	ley))) yard South, Suite 320	Horn Tel. No.(702) 862-3600	FIE

TS TRAFFIC SIGNAL

W WATER OR WEST

UDACS UNIFORM DESIGN AND CONSTRUCTION STANDARDS

USD UNIFORM STANDARD DRAWINGS

SPECIFICATIONS

Partie A control of the control of t	SCALE		SHEET No
	HORIZ:	N/A	GN-4
	VERT:	N/A	
	FIELD BOOK	NONE	SHEET 4 OF 345
62-3600			L-2210
		as more training office more	

User: fernando.raez Path: K:\LAV_PublicTrans\0920

ISSUED FOR CONSTRUCTION REVISED PER REVISION NO. 2

BASIS OF BEARING

SOUTH 00°14'53" EAST, BEING THE BEARING BETWEEN CLARK COUNTY GEODETIC CONTROL MONUMENTS 826 AND 945 AS SHOWN ON "RECORD OF SURVEY FOR LAS VEGAS BOULEVARD — RUSSELL ROAD TO SAHARA" IN FILE 88, PAGE 53 OF SURVEYS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

BENCHMARK

CLARK COUNTY VERTICAL CONTROL v.2003 BENCHMARK No. 4C11 28NWW6

A RIVET AND SQUARE ALUMINUM PLATE IN THE TOP OF CURB, NORTHEAST CORNER OF RENO AVENUE AND LAS VEGAS BOULEVARD NEAR THE PT OF LAS VEGAS BOULEVARD.

NAVD 88 ELEVATION = 2134.73 FEET (650.667 METERS) NORTH AMERICAN VERTICAL DATUM OF 1988

BENCHMARK

CLARK COUNTY VERTICAL CONTROL v.2003 BENCHMARK No. 5C11 9NE6

A RIVET AND ROUND ALUMINUM PLATE IN THE TOP OF CURB, NORTHWEST CORNER OF LAS VEGAS BOULEVARD AND SOUTH ENTRANCE TO HILTON GRAND VACATION CLUB, NEAR THE PC OF LAS VEGAS BOULEVARD ± 1000 SOUTH OF SAHARA.

NAVD 88 ELEVATION = 2051.74 FEET (625.372 METERS) NORTH AMERICAN VERTICAL DATUM OF 1988

(XXX) LAS VEGAS BLVD "LVB" CONTROL POINTS

Point #	Northing	Easting	Description	Station
684	749772.79	77520.54	PC	218+40.53
909	737932.87	77640.51	PI	100+00.00
920	735225.31	77696.39		72+91.87

NOTES:

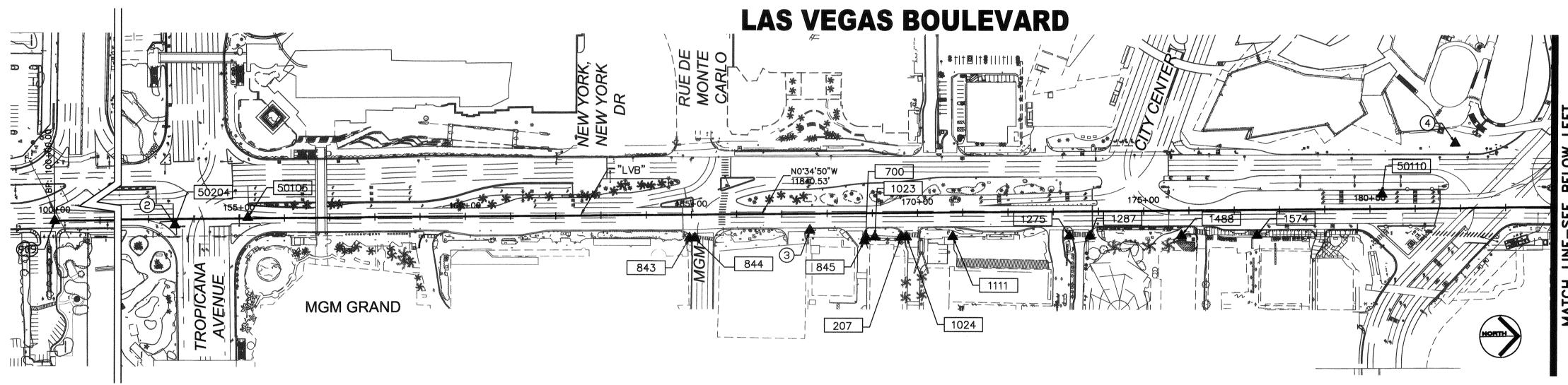
1. ALL STATION AND OFFSETS ARE IN REFERENCE TO LAS VEGAS BOULEVARD PRIMARY CONTROL "LVB" ALIGNMENT.

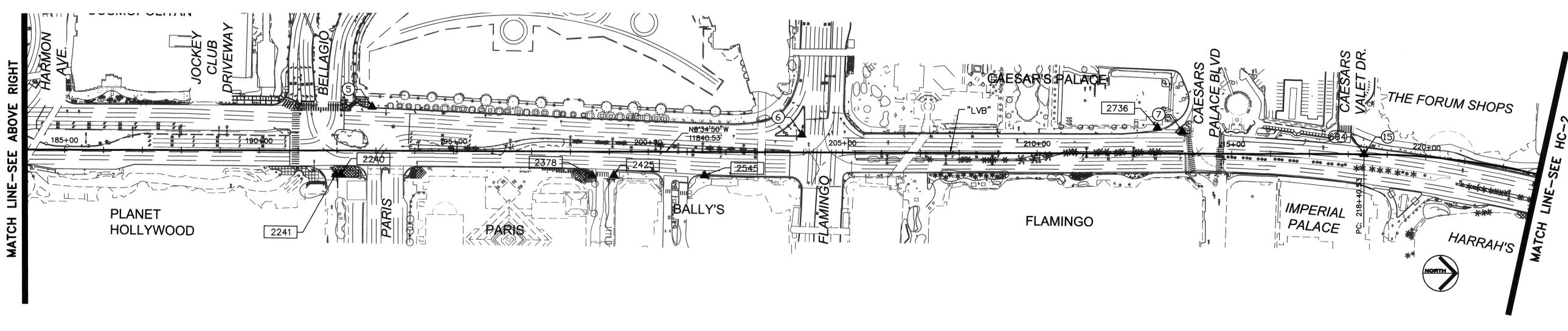
WESCO CONTROL POINTS

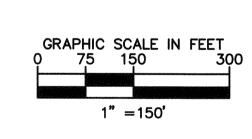
Point #	Northing	Easting	Description	Station	Offset
2	743290.73	77599.57	WESCO 107	153+58.00	13.35' RT
3	744694.38	77608.93	WESCO 108	167+61.48	36.93' RT
4	746120.81	77412.76	WESCO 109	181+89.82	144.78' LT
5	747221.26	77433.13	WESCO 110	192+90.01	113.26' LT
6	748326.97	77489.22	WESCO 111	203+95.10	45.97' LT
7	749304.87	77468.88	WESCO 112	213+73.15	56.40' LT
15	749772.79	77520.61	WESCO 684	218+40.53	0.07' RT

LAS VEGAS BLVD R/W - SECTION MONUMENT CONTROL POINTS

Point #	Northing	Easting	Elevation	Description	Station	Offset
207	744896.17	77623.51	2122.50	lvbrow025x	169+63.12	53.55' RT
700	744818.11	77624.07	2122.20	lvbrowm023x	168+85.05	53.33' RT
843	744428.15	77626.56	2122.34	lvbrow012x	164+95.08	51.86' RT
844	744440.13	77626.48	2121.83	lvbrow013x	165+07.07	51.91' RT
845	744815.05	77632.97	2122.16	lvbrow023x	168+81.90	62.19' RT
1023	744838.15	77623.99	2122.17	lvbrow024x	169+05.09	53.45' RT
1024	744908.18	77623.59	2122.00	lvbrow026x	169+75.13	53.75' RT
1111	745010.19	77622.90	2121.88	lvbrow030x	170+77.14	54.10' RT
1275	745268.20	77621.26	2121.05	lvbrowmo34x	173+35.14	55.07' RT
1287	745314.21	77620.94	2121.10	lvbrowm035x	173+81.15	55.22' RT
1488	745516.05	77619.63	2120.54	lvbrow036x	175+83.00	55.96' RT
1574	745683.07	77618.61	2117.58	lvbrow038x	177+50.02	56.63' RT
2240	747143.07	77608.74	2108.03	lvbrow050x	192+10.05	61.55' RT
2241	747130.12	77608.89	2108.13	lvbrow049x	191+97.09	61.57' RT
2378	747788.98	77601.46	2107.46	lvbrow054x	198+56.00	60.82' RT
2425	747844.98	77600.82	2106.99	lvbrow055x	199+12.00	60.75' RT
2545	748078.00	77598.12	2107.02	lvbrowm057x	201+45.03	60.40' RT
2736	749240.69	77459.05	2106.29	lvbrow008y	213+09.08	66.88' LT
50105	743451.70	77582.65	2126.08	fnd2"bd/well-20/ 21/28/29	155+19.13	1.94' LT
50110	745959.10	77526.34	2116.18	fnd2"bd/ac 1/4 s20/21	180+26.97	32.84' LT
50204	743290.7	77599.57	2127.67	fnd1.5" brass cap- Wesco 107	153+57.97	13.35' RT







NO.	REVISIONS	DATE	
\wedge	ISSUED FOR CONSTRUCTION	10/23/2019	
2	REVISED PER REVISION NO. 2	11/15/2019	/
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LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
GEOMETRIC CONTROL SHEETS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

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8	CHECKED BY: _	SRA	
	DATE:	11-15-2019	VI
	Kim	ey»Horn	FIELD E
	6671 Las Vegas Boulevar Las Vegas, Nevada 891	d South, Suite 320 19 Tel. No.(702) 862-3600	

	SCALE		SHEET No
	HORIZ:	N/A	GC-01
	VERT:	N/A	
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			SHEET 5 OF 345
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(XXX) ALIGNMENT "LVB" CONTROL POINTS

WESCO CONTROL POINTS

LAS VEGAS BLVD R/W - SECTION MONUMENT CONTROL POINTS

NOTES:

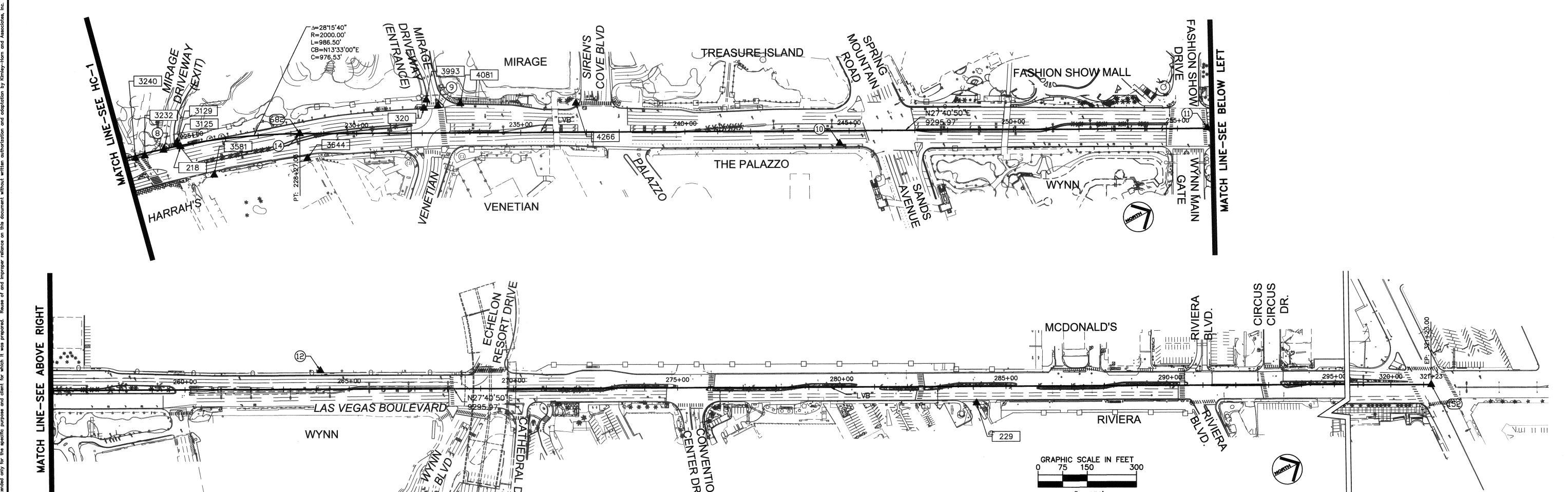
1. ALL STATION AND OFFSETS ARE IN REFERENCE TO LAS VEGAS BOULEVARD PRIMARY CONTROL "LVB" ALIGNMENT.

Point #	Northing	Easting	Description	Station
152	758954.20	82067.70	POL	321+23.00
682	750722.14	77749.33	PT	228+27.03

Point #	Northing	Easting	Description	Station	Offset
8	750332.57	77598.08	WESCO 113	224+08.02	3.37' RT
9	751133.29	77871.68	WESCO 114	232+47.96	82.65' LT
10	752160.54	78546.90	WESCO 115	244+71.31	38.09' RT
11	753170.13	79031.98	WESCO 116	255+90.69	1.34' LT
12	753923.28	79365.71	WESCO 117	264+12.68	55.68' LT
14	750722.13	77749.40	WESCO 682	228+27.05	0.07' RT

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Point #	Northing	Easting	Elevation	Description	Station	Offset
218	750383.27	77613.16	2100.79	lvbrow018y	224+61.00	3.49' RT
229	755643.03	80387.42	2134.73	lvbrow020z	284+10.23	50.20' RT
320	751092.43	77858.66	2092.30	lvbrow022y	232+05.72	75.20' LT
3125	750380.01	77595.41	2101.27	alcp016ypls5859	224+52.70	12.53' LT
3129	750377.55	77603.20	2101.00	acp017ypls5859	224+52.62	4.35' LT
3232	750274.33	77586.10	2101.87	lvbrowm013y	223+48.50	6.69' RT
3240	750245.65	77579.69	2101.75	lvbrowm012y	223+19.02	7.18' RT
3581	750433.22	77736.98	2100.36	lvbrow105y	225+50.04	105.14' RT
3644	750707.84	77826.10	2096.77	lvbrow102y	228+50.02	74.63' RT
3993	751110.47	77840.28	2092.96	lvbrow023y	232+13.16	99.86' LT
4081	751196.58	77898.18	2091.02	lvbrow026y	233+16.31	88.59' LT
4266	751508.05	78062.38	2086.88	lvbrow027y.1	236+68.42	87.87' LT





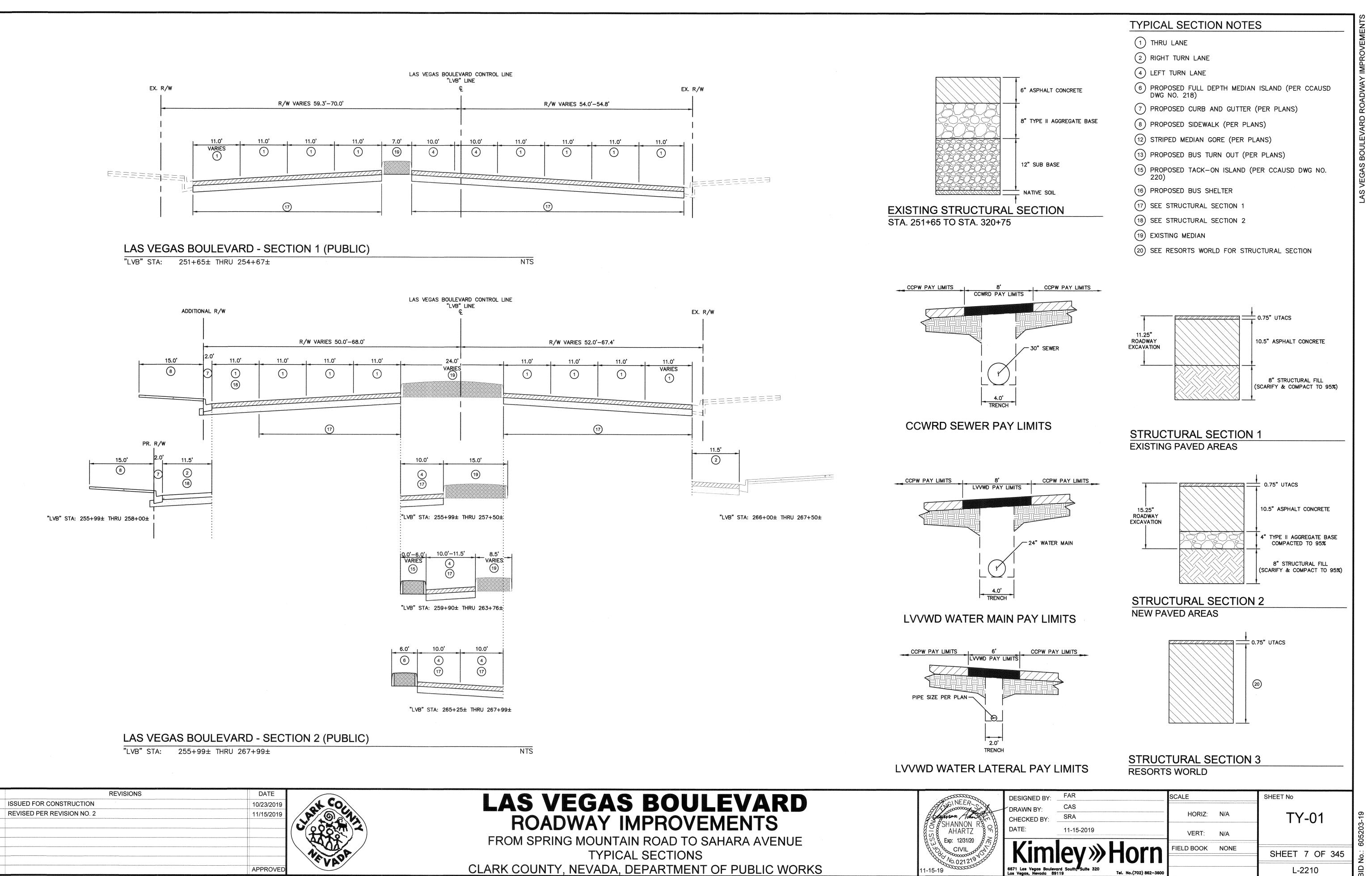
NO.	REVISIONS	DATE
A	ISSUED FOR CONSTRUCTION	10/23/2019
/2	REVISED PER REVISION NO. 2	11/15/2019

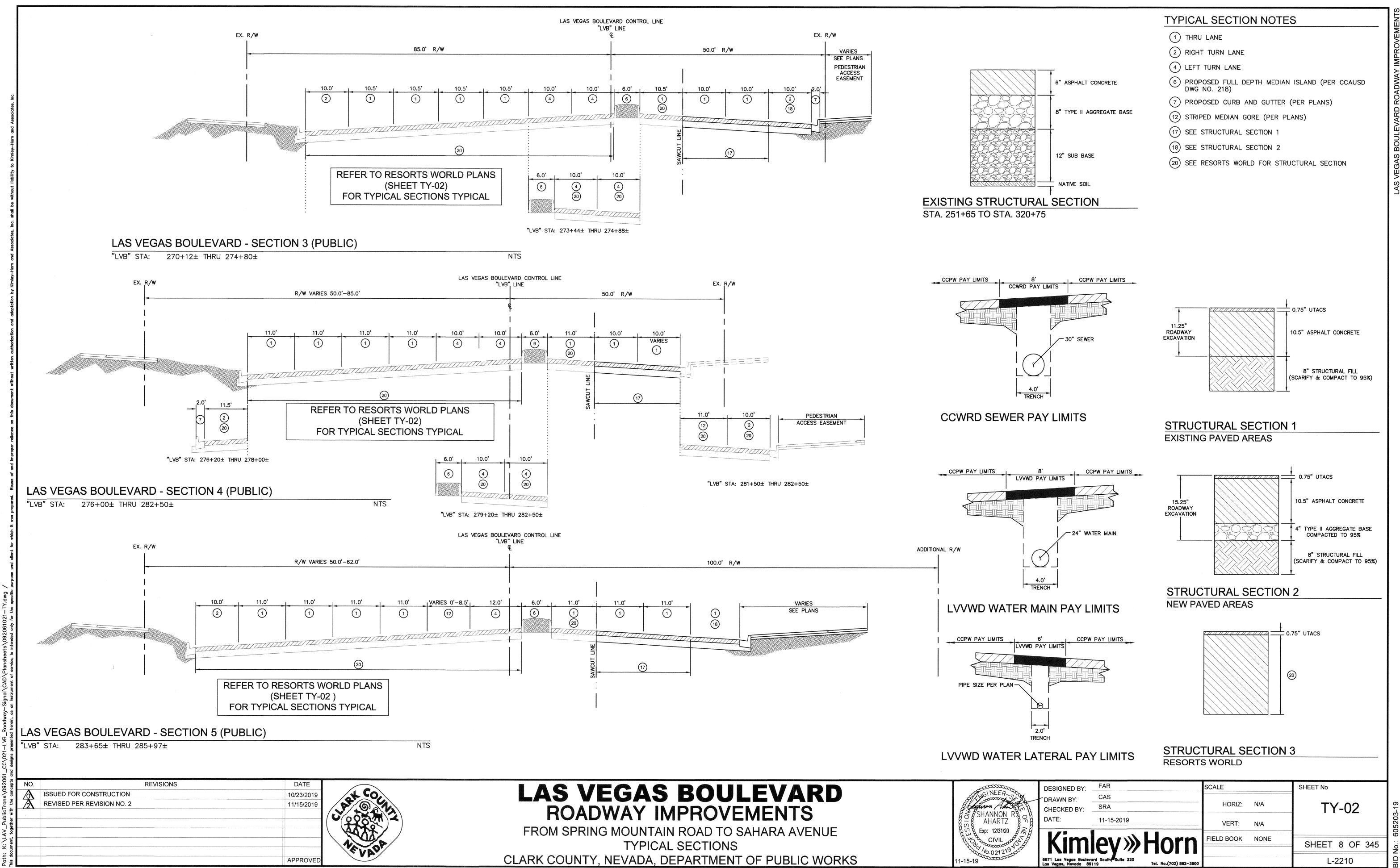
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

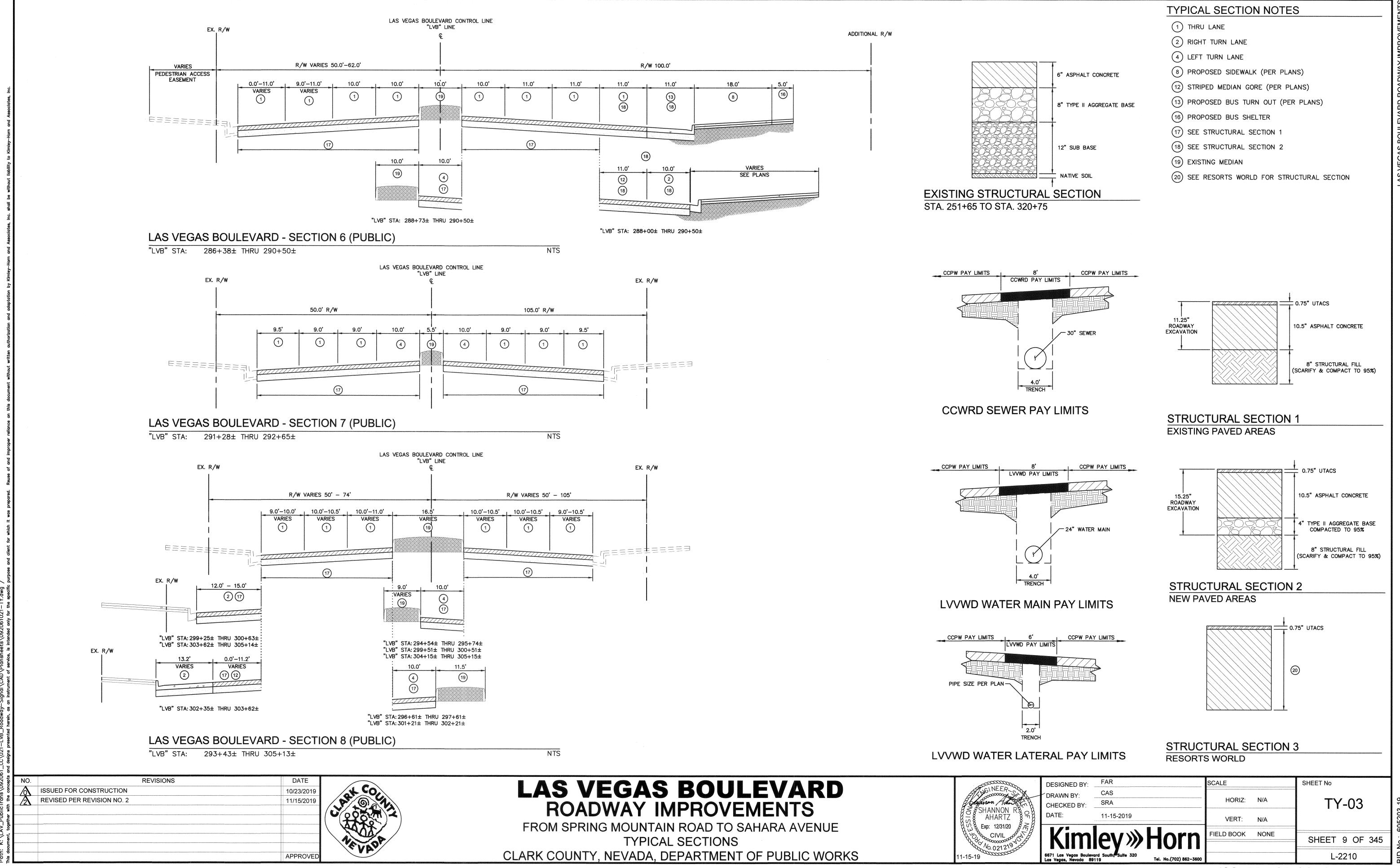
FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
GEOMETRIC CONTROL SHEETS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

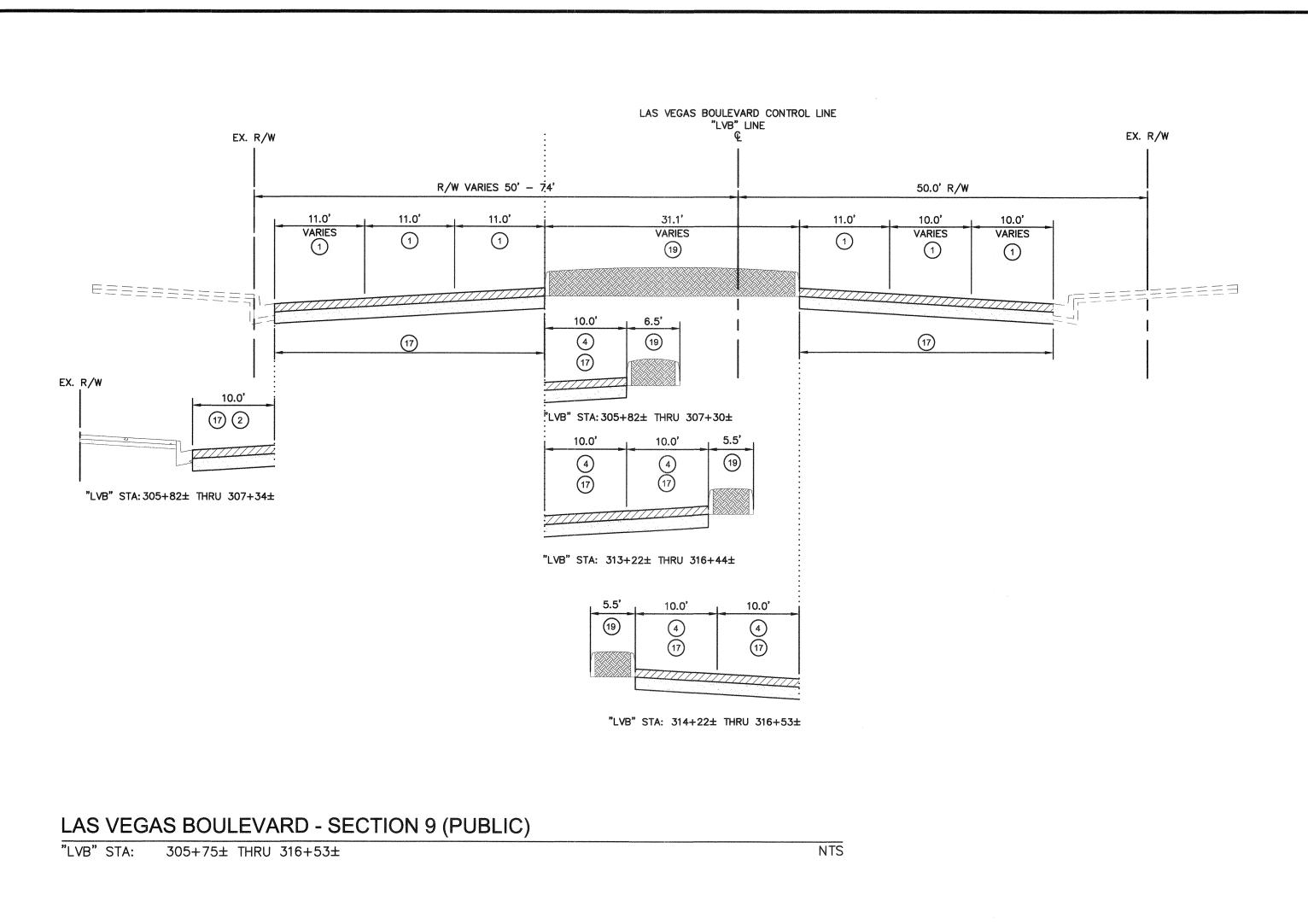
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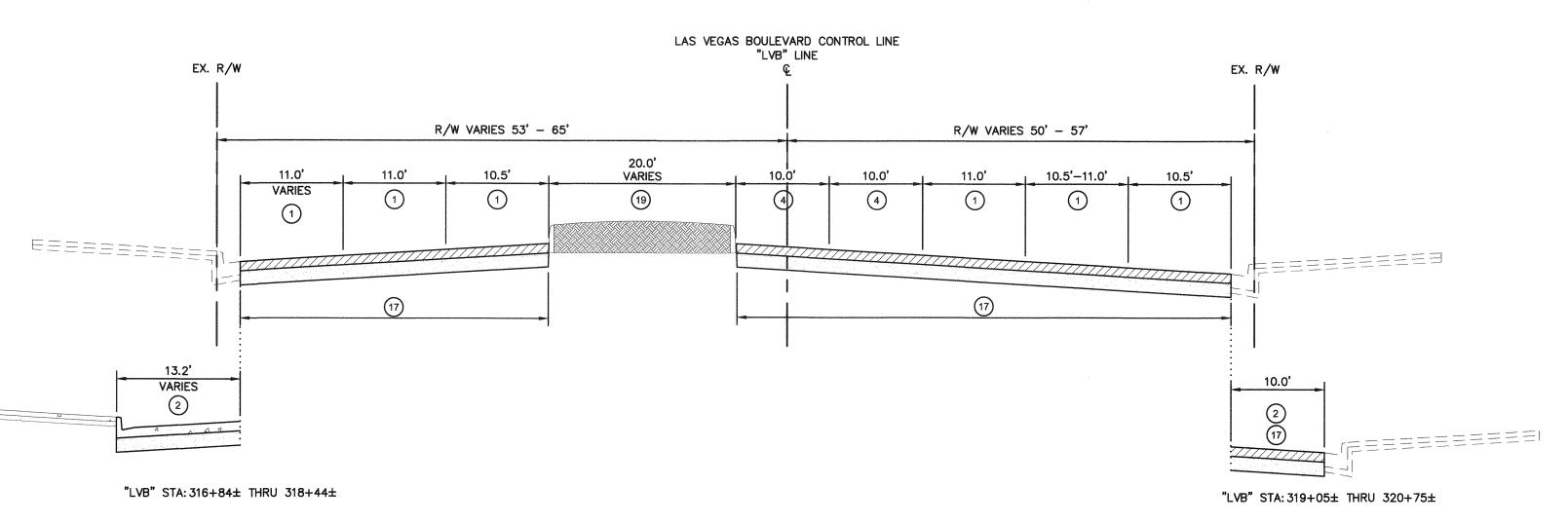
-	6671 Las Vegas Boulevard South, Suite 320 Las Vegas, Nevada 89119 Tel. No.(702) 862—3600	-	
ļ	Kimley » Horn	FIELD BOOK	NOI
and the second s	DATE: 11-15-2019	VERT:	N/A
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	DESIGNED BY:	SCALE	











NTS

LAS VEGAS BOULEVARD - SECTION 10 (PUBLIC)

10/23/2019

11/15/201

"LVB" STA: 316+53± THRU 320+51±

REVISIONS

ISSUED FOR CONSTRUCTION

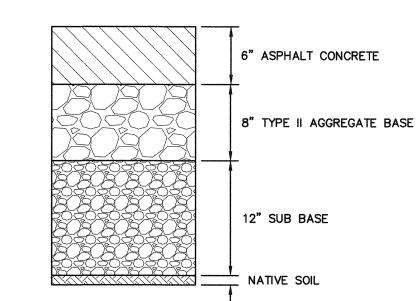
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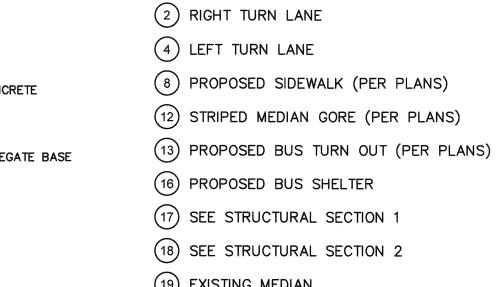
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE TYPICAL SECTIONS CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

6" ASPHALT CONCRETE 8" TYPE II AGGREGATE BASE 12" SUB BASE

EXISTING STRUCTURAL SECTION STA. 251+65 TO STA. 320+75

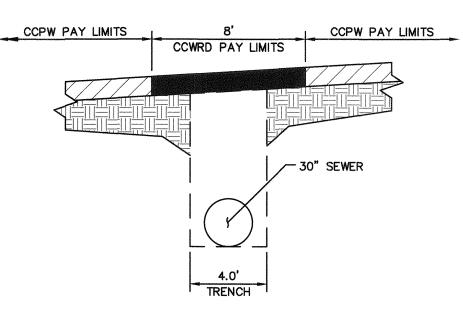




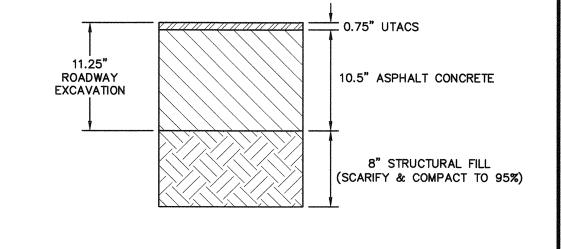
19 EXISTING MEDIAN 20) SEE RESORTS WORLD FOR STRUCTURAL SECTION

TYPICAL SECTION NOTES

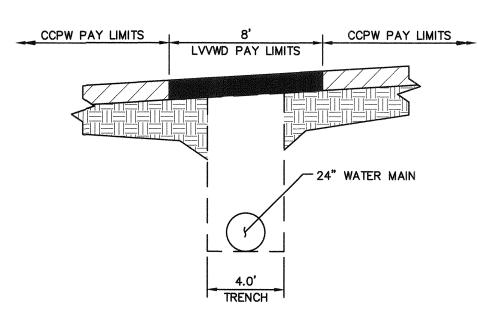
1 THRU LANE



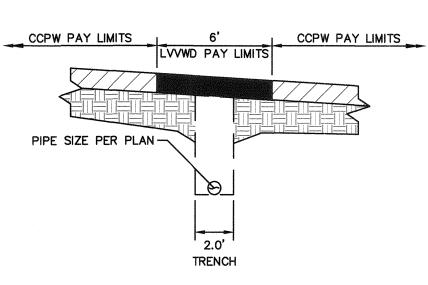
CCWRD SEWER PAY LIMITS



STRUCTURAL SECTION 1 **EXISTING PAVED AREAS**



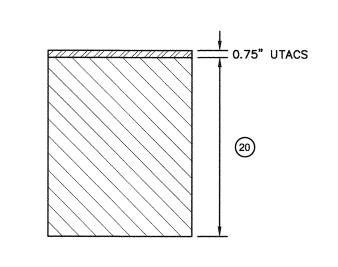
LVVWD WATER MAIN PAY LIMITS



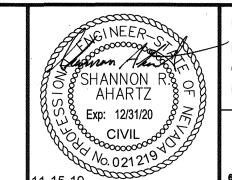
LVVWD WATER LATERAL PAY LIMITS

	0.75" UTACS
15.25" ROADWAY EXCAVATION	4" TYPE II AGGREGATE BASE COMPACTED TO 95%
	8" STRUCTURAL FILL (SCARIFY & COMPACT TO 95%)

STRUCTURAL SECTION 2 **NEW PAVED AREAS**

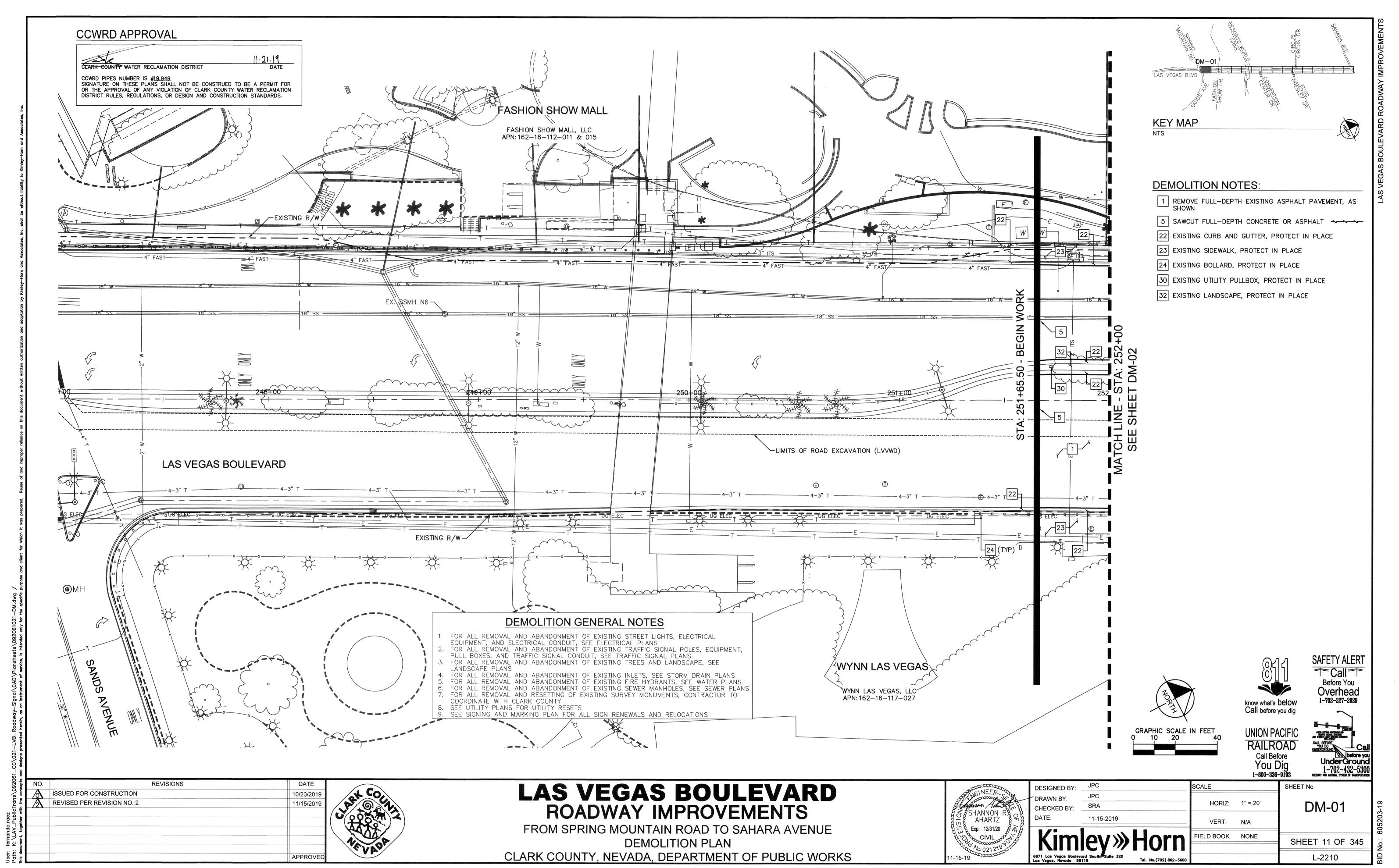


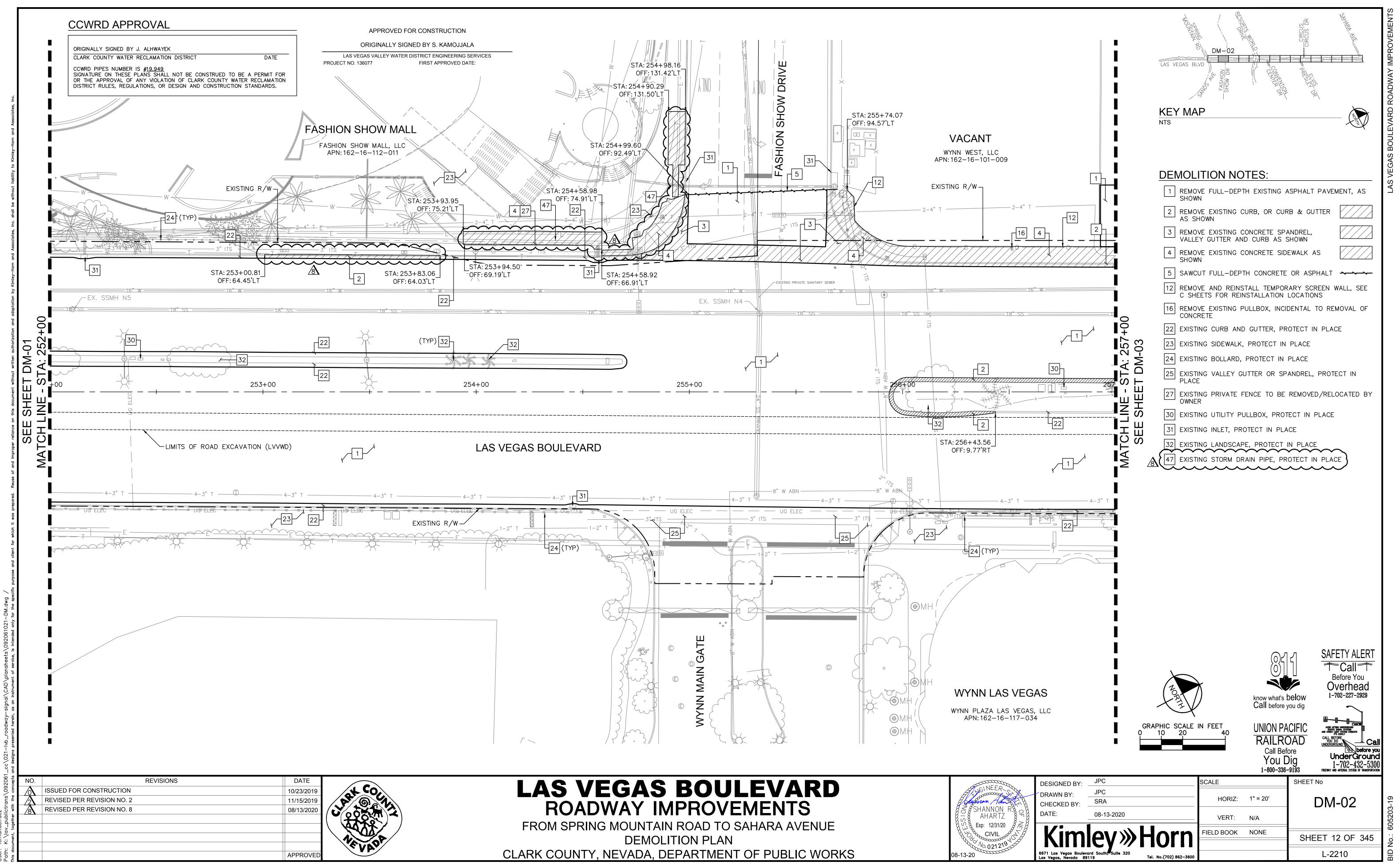
STRUCTURAL SECTION 3 RESORTS WORLD

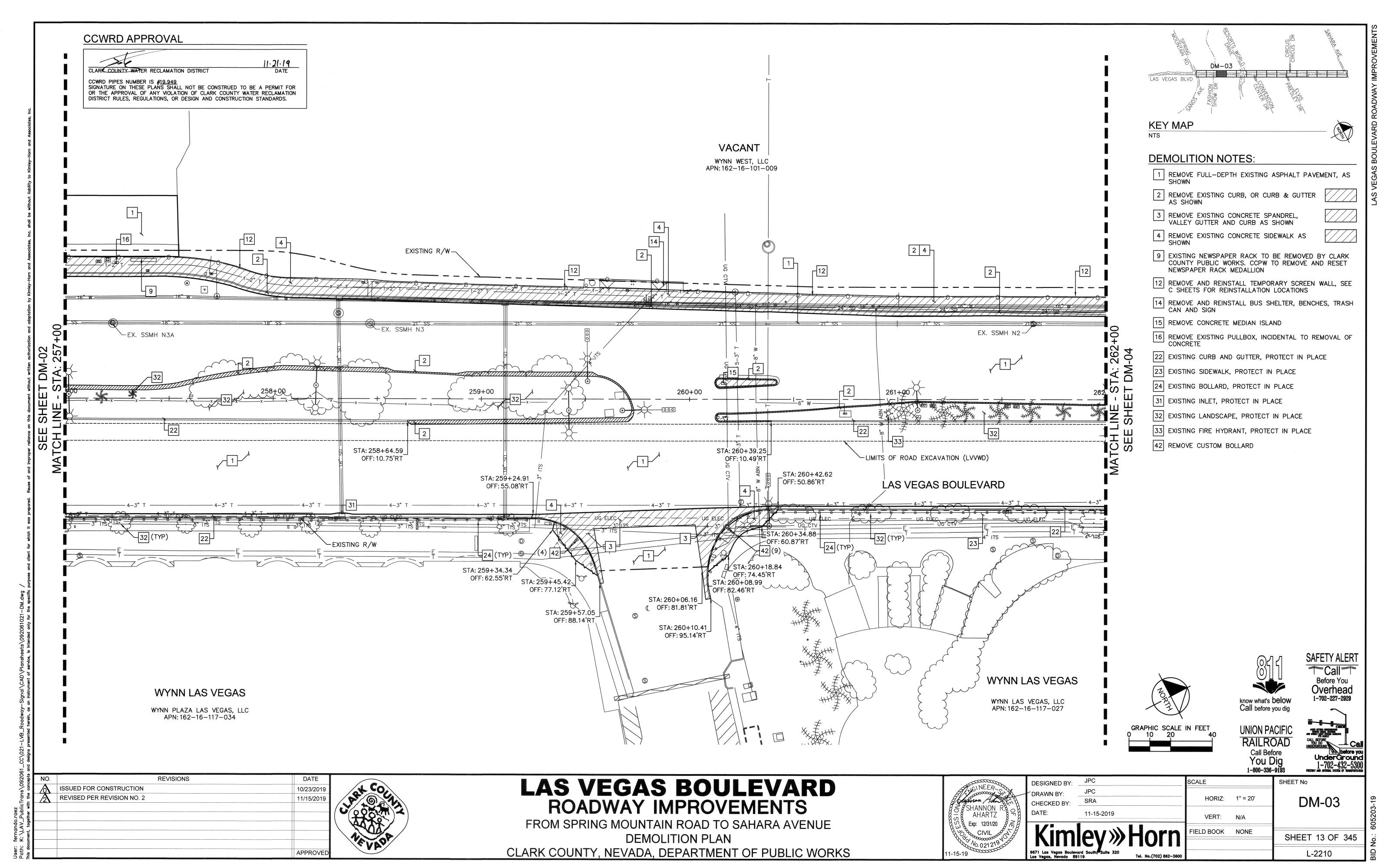


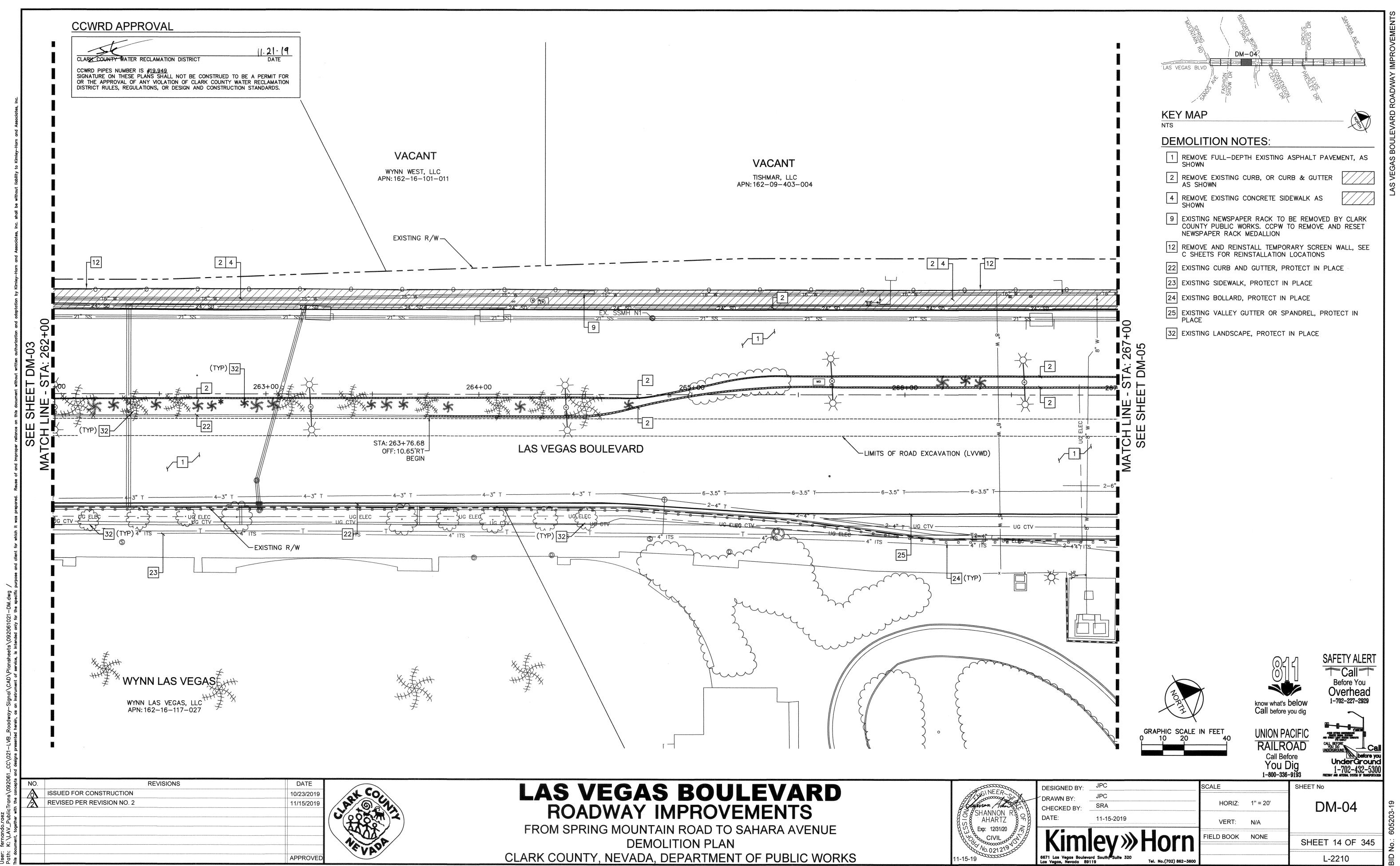
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	DATE:	11-15-2019	
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	DRAWN BY:	BAC	
	DESIGNED BY:	FAR	

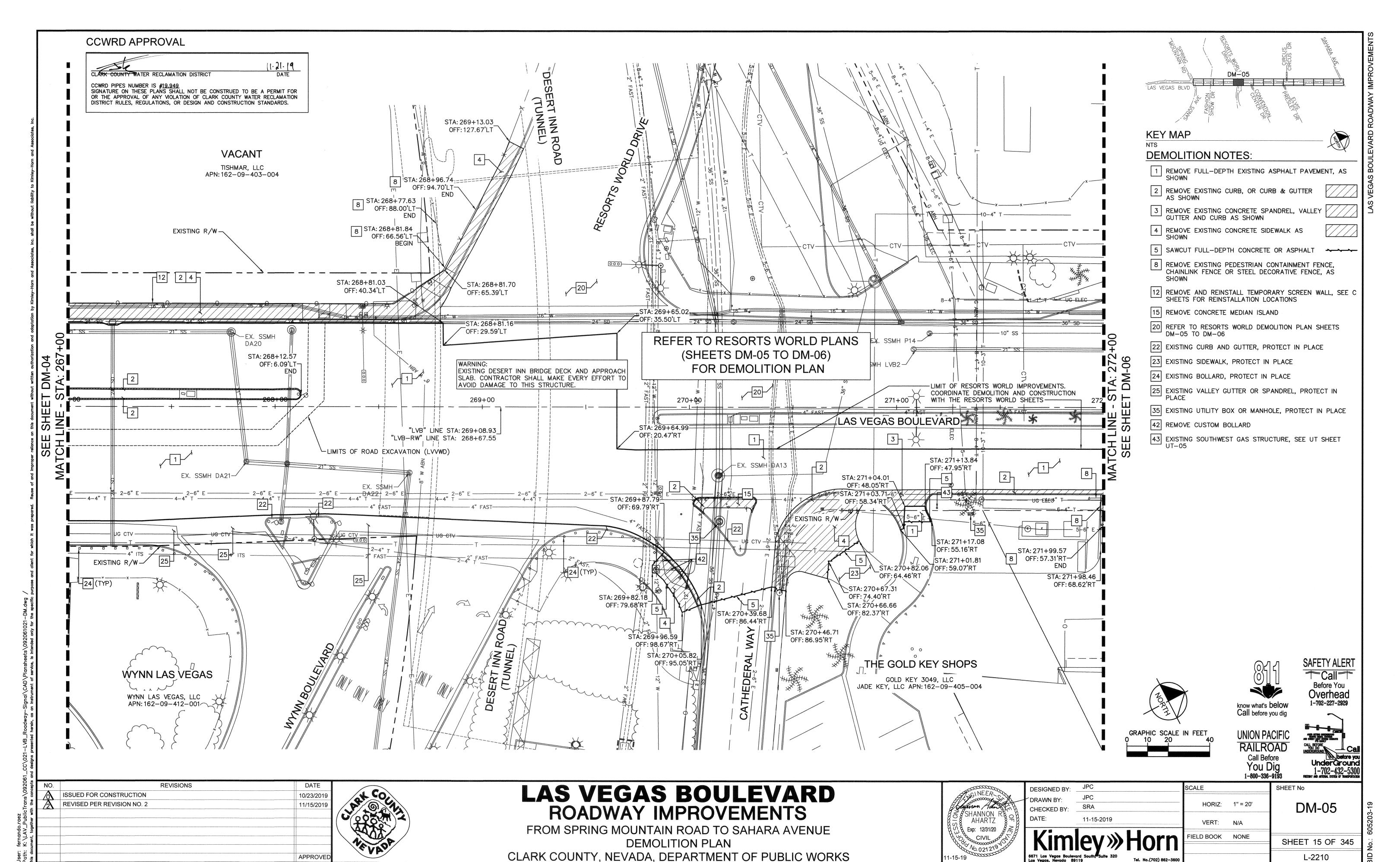
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			1-2210

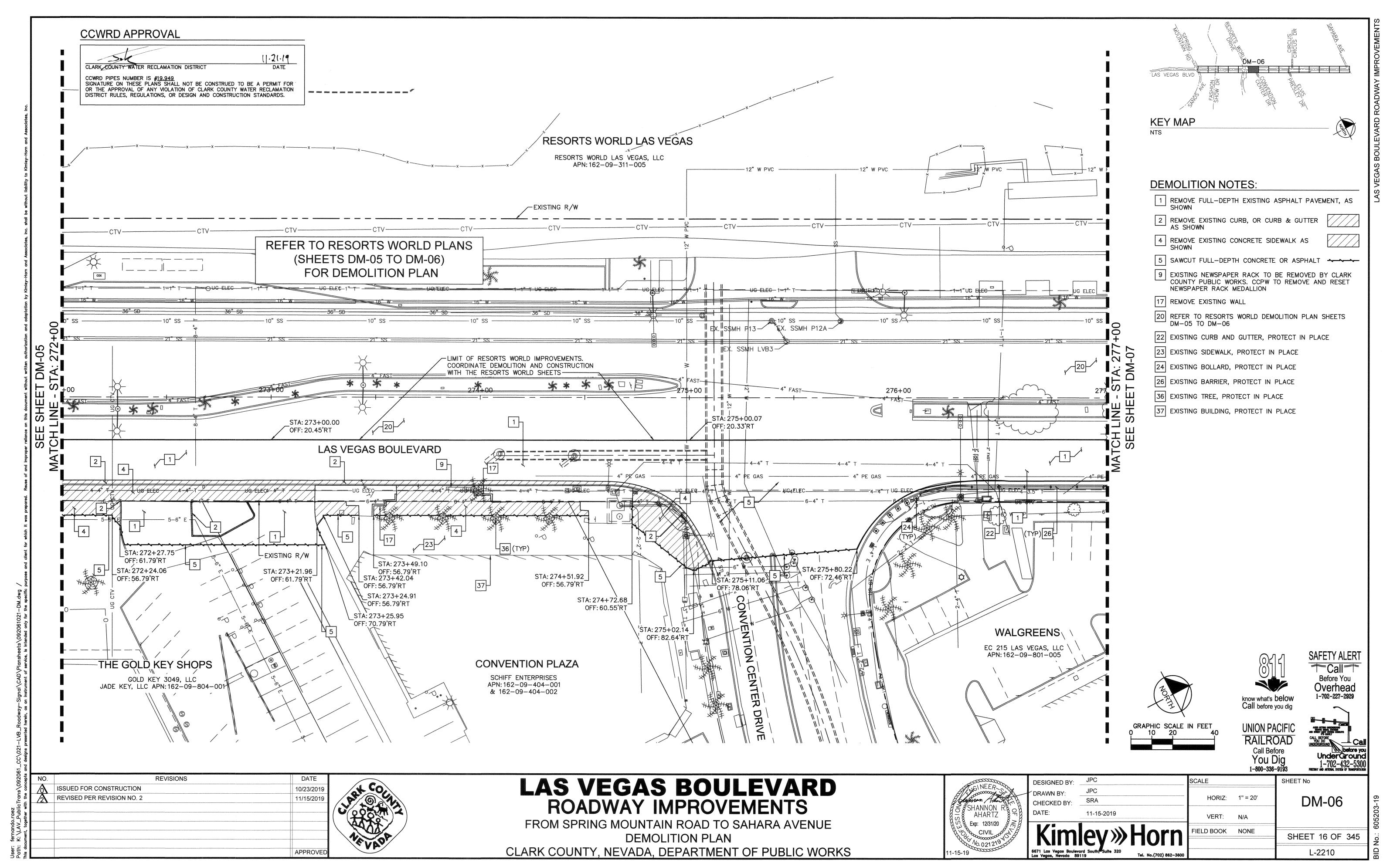


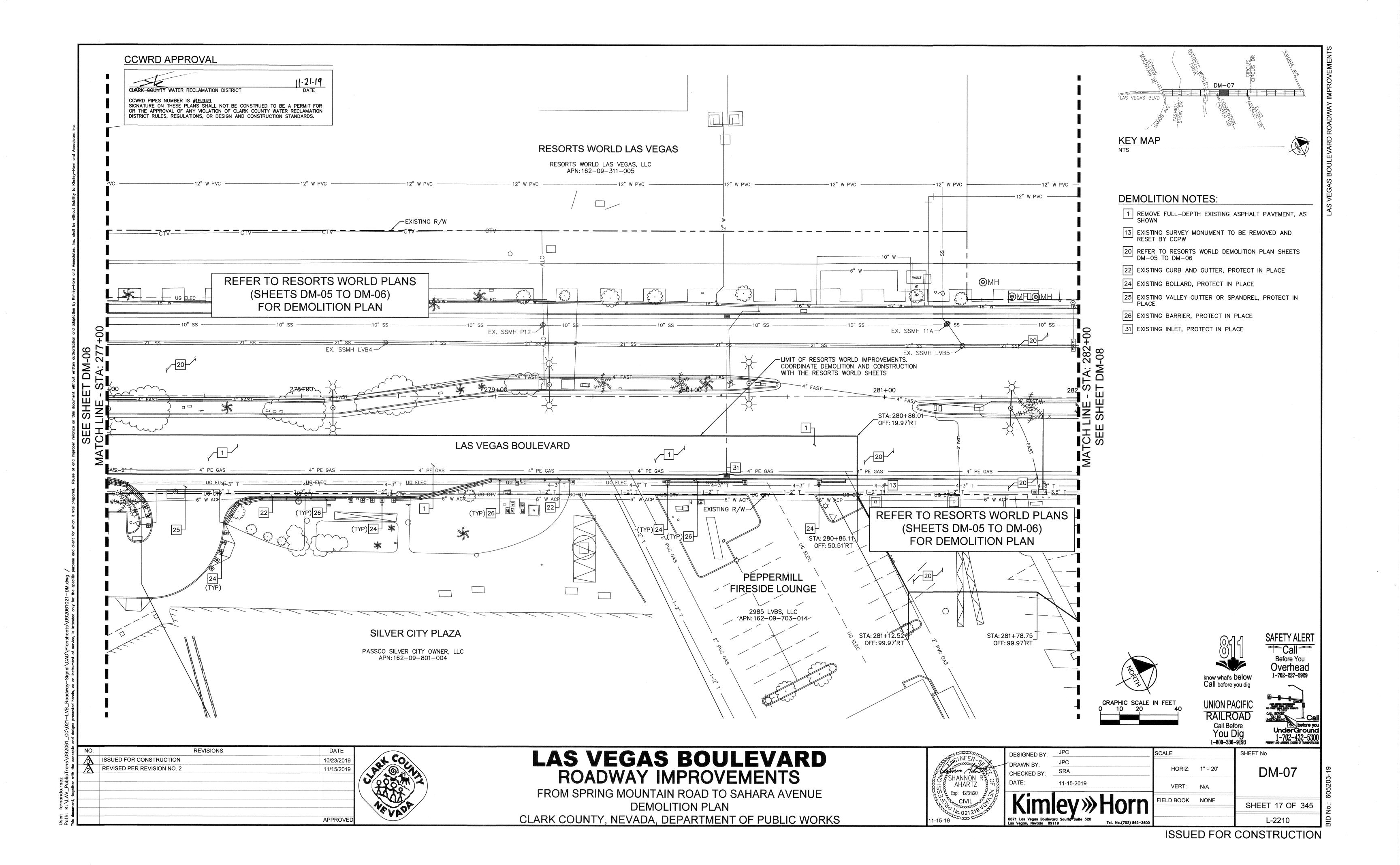


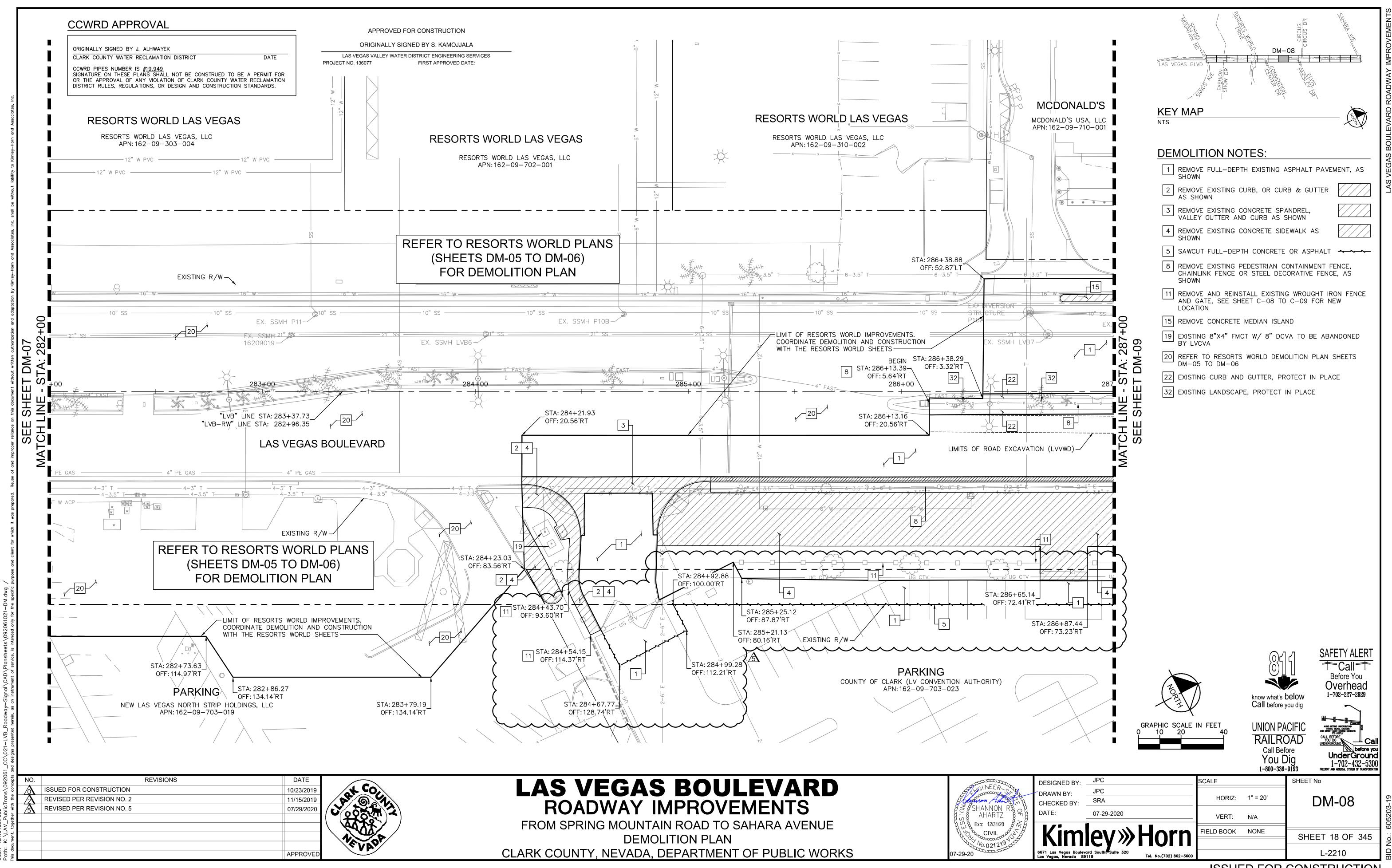


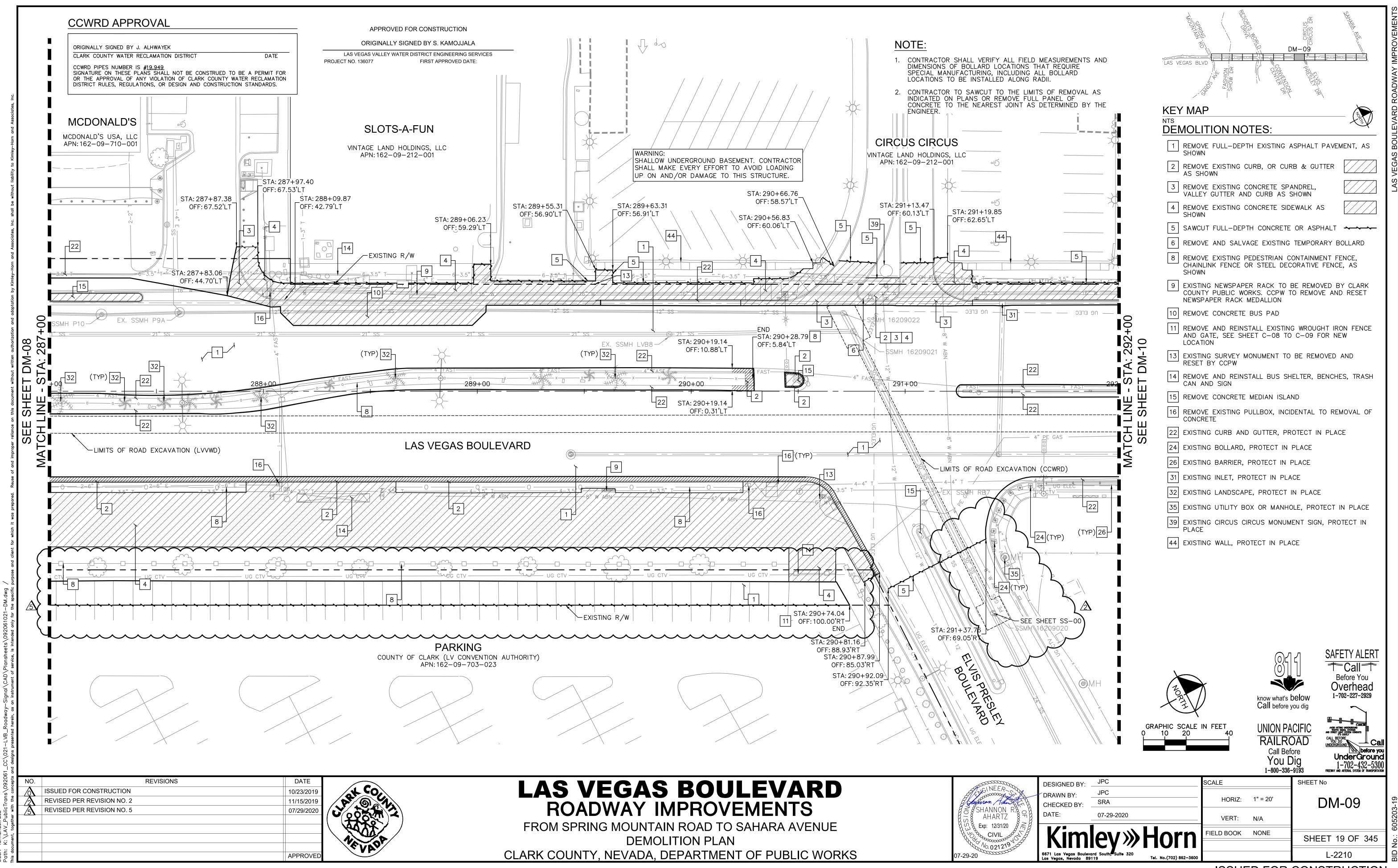


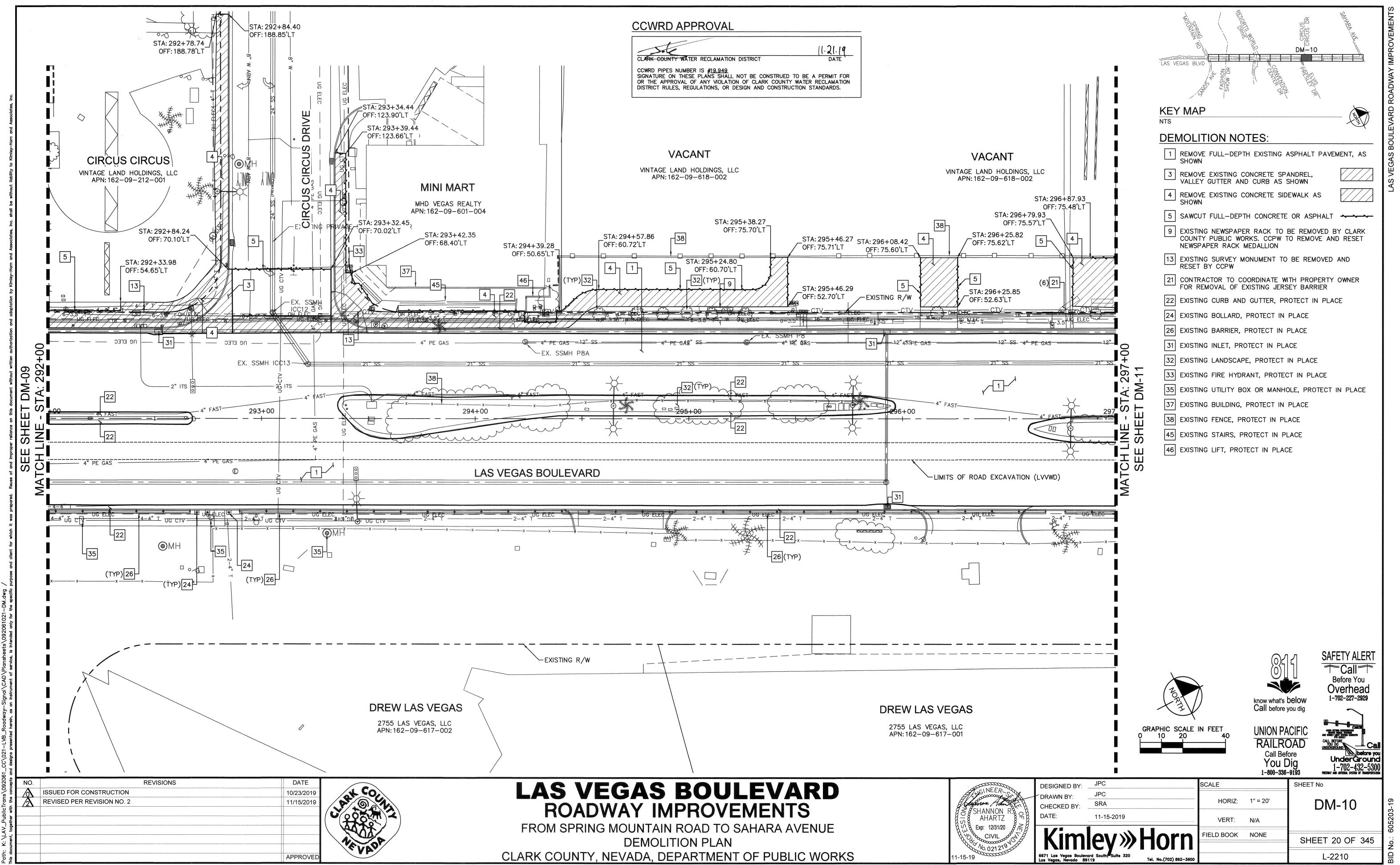


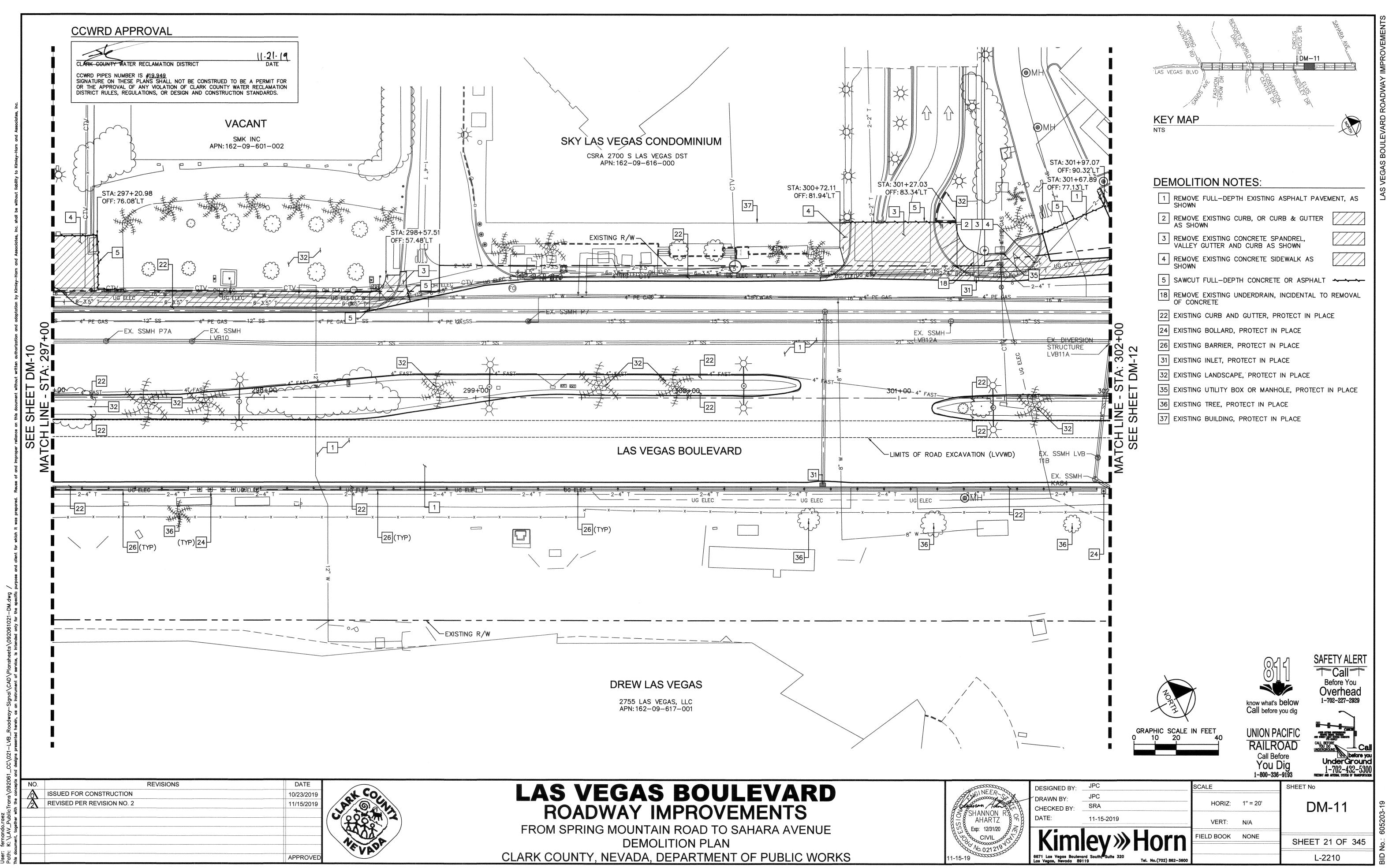


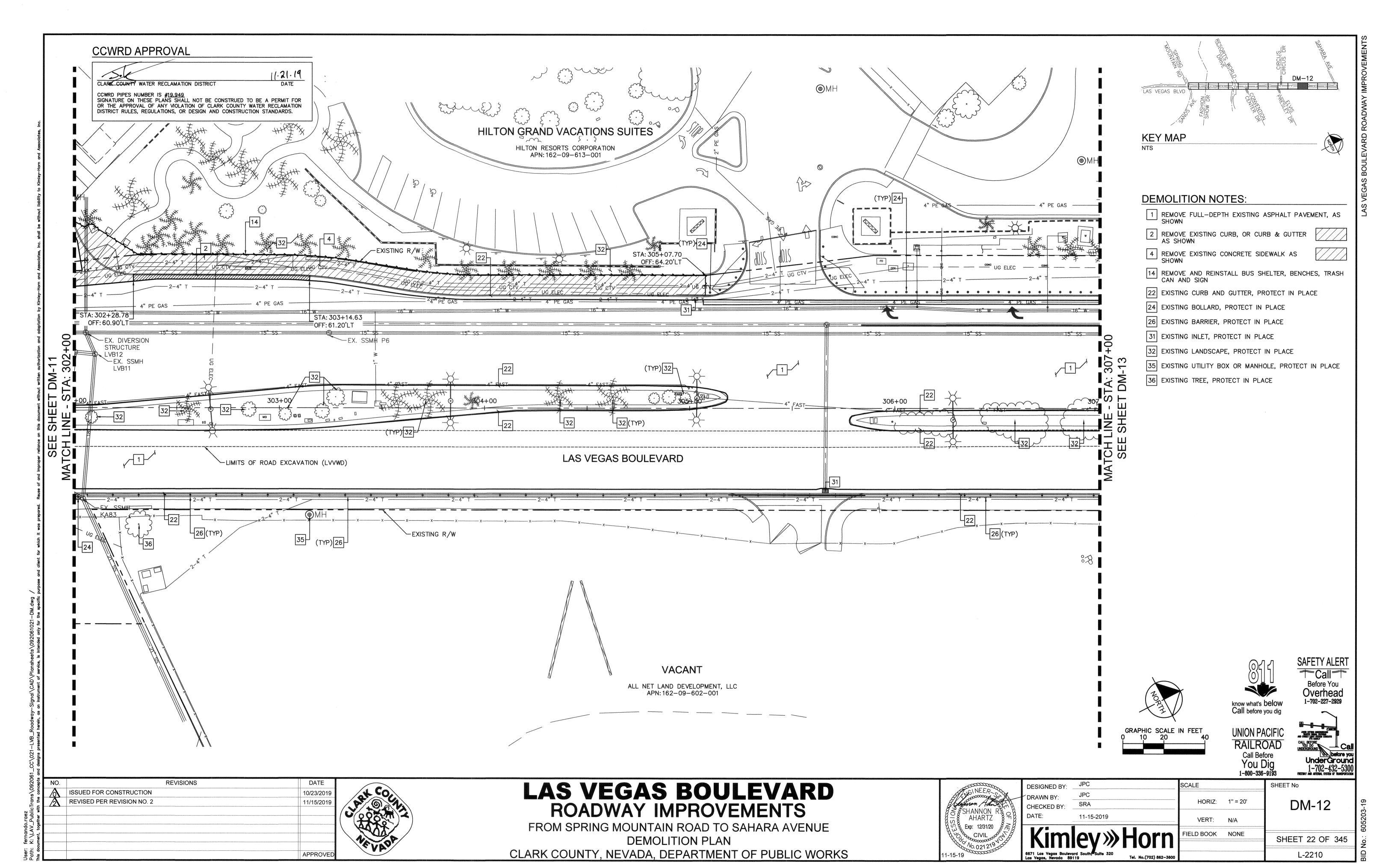


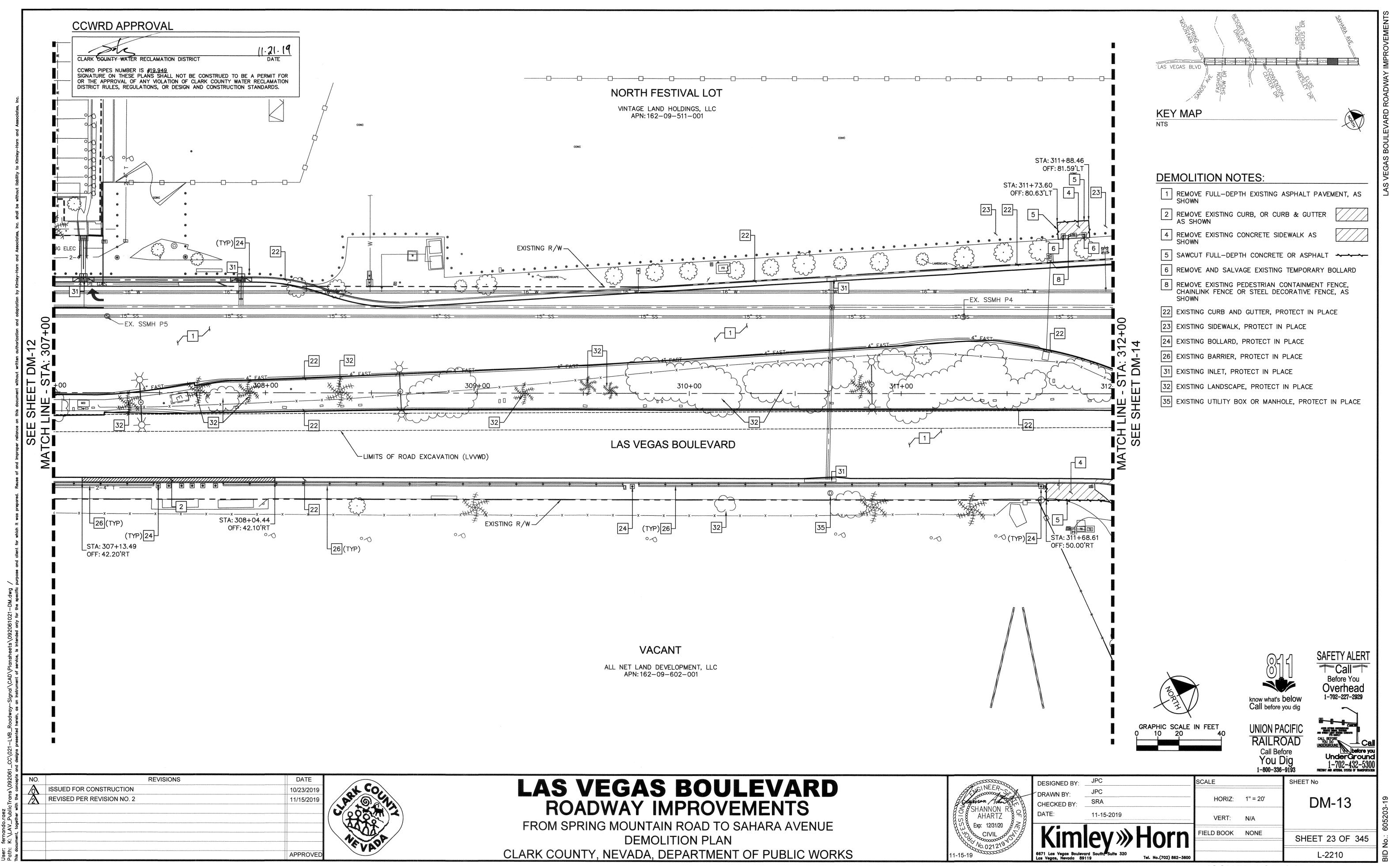


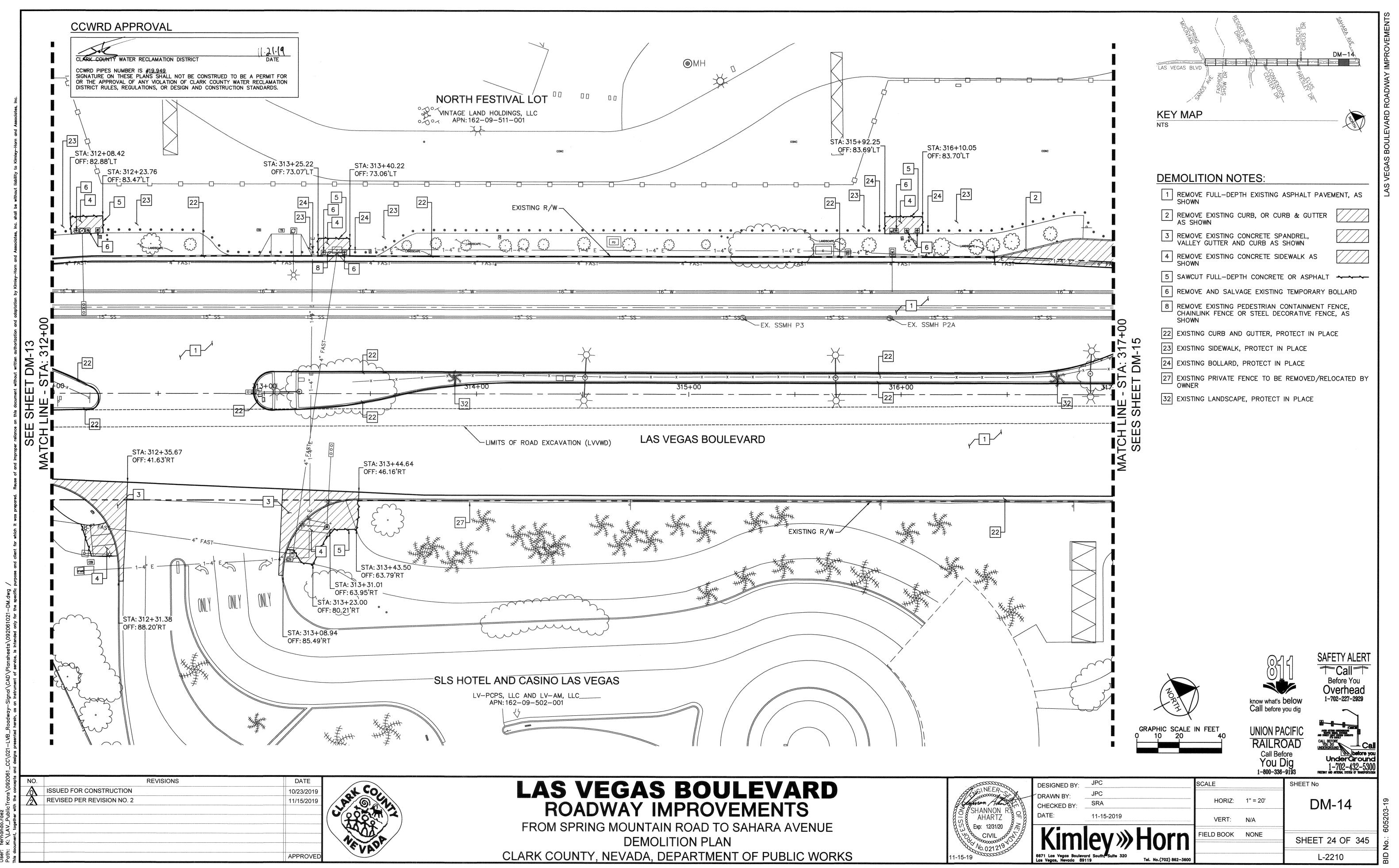


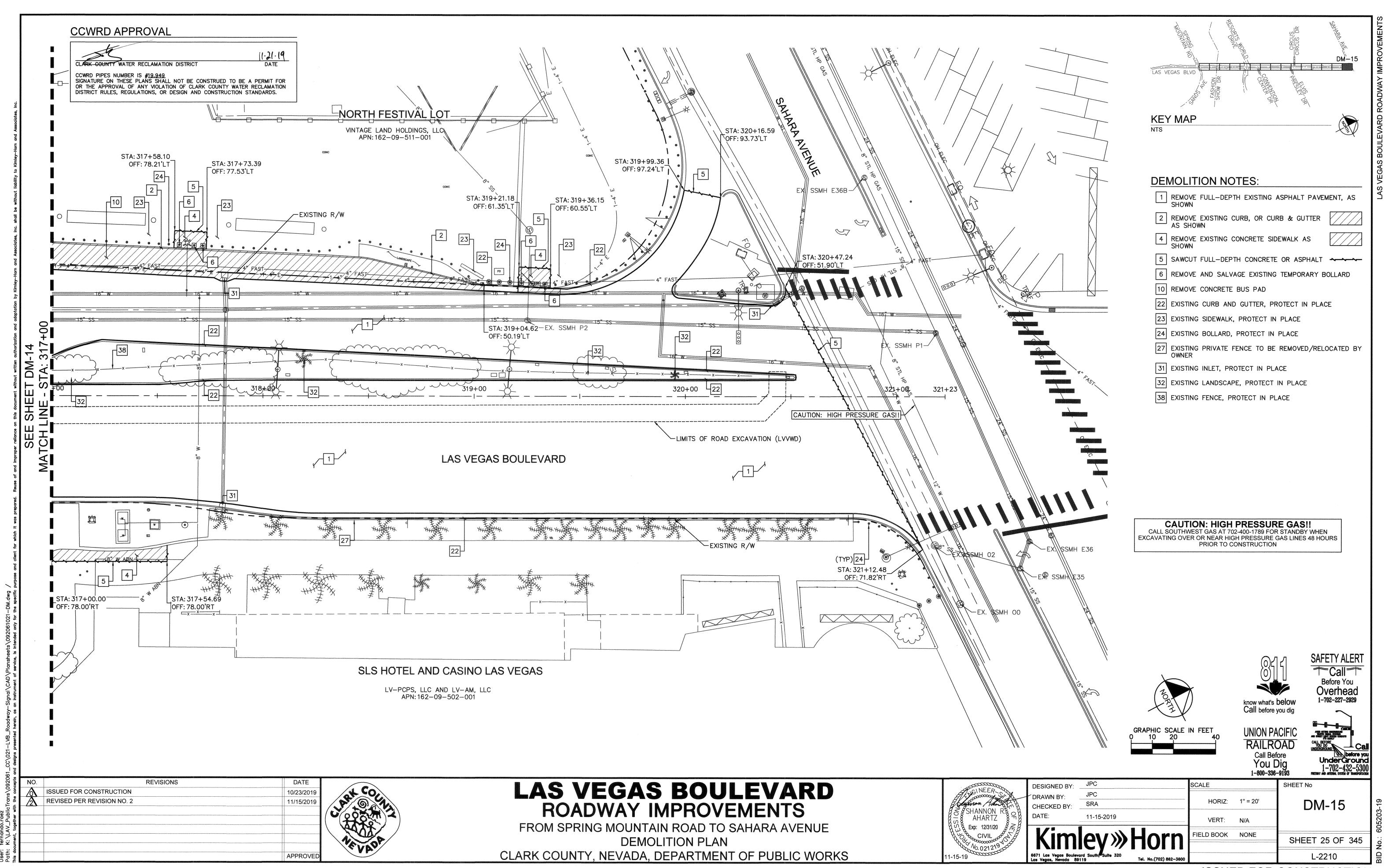


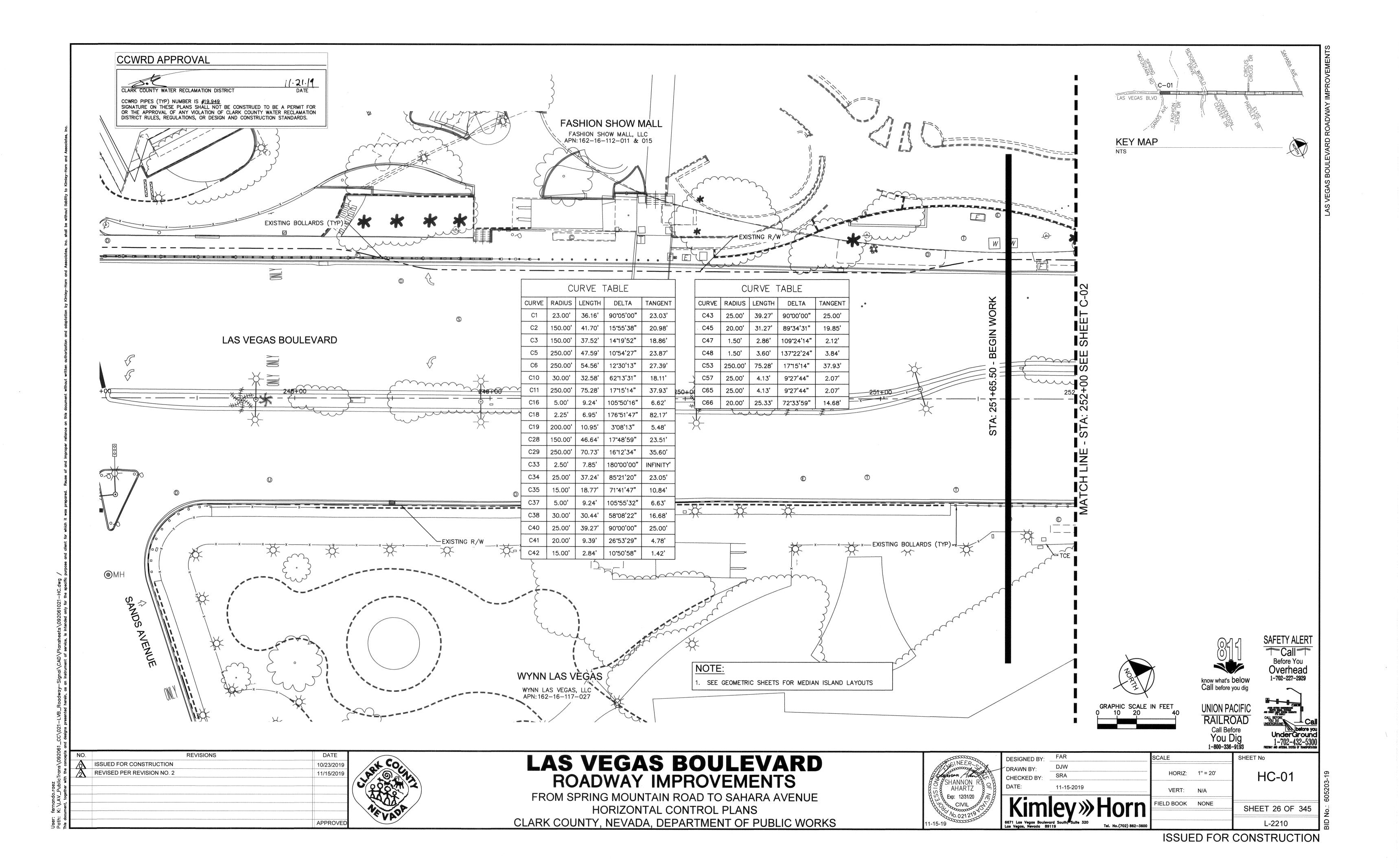


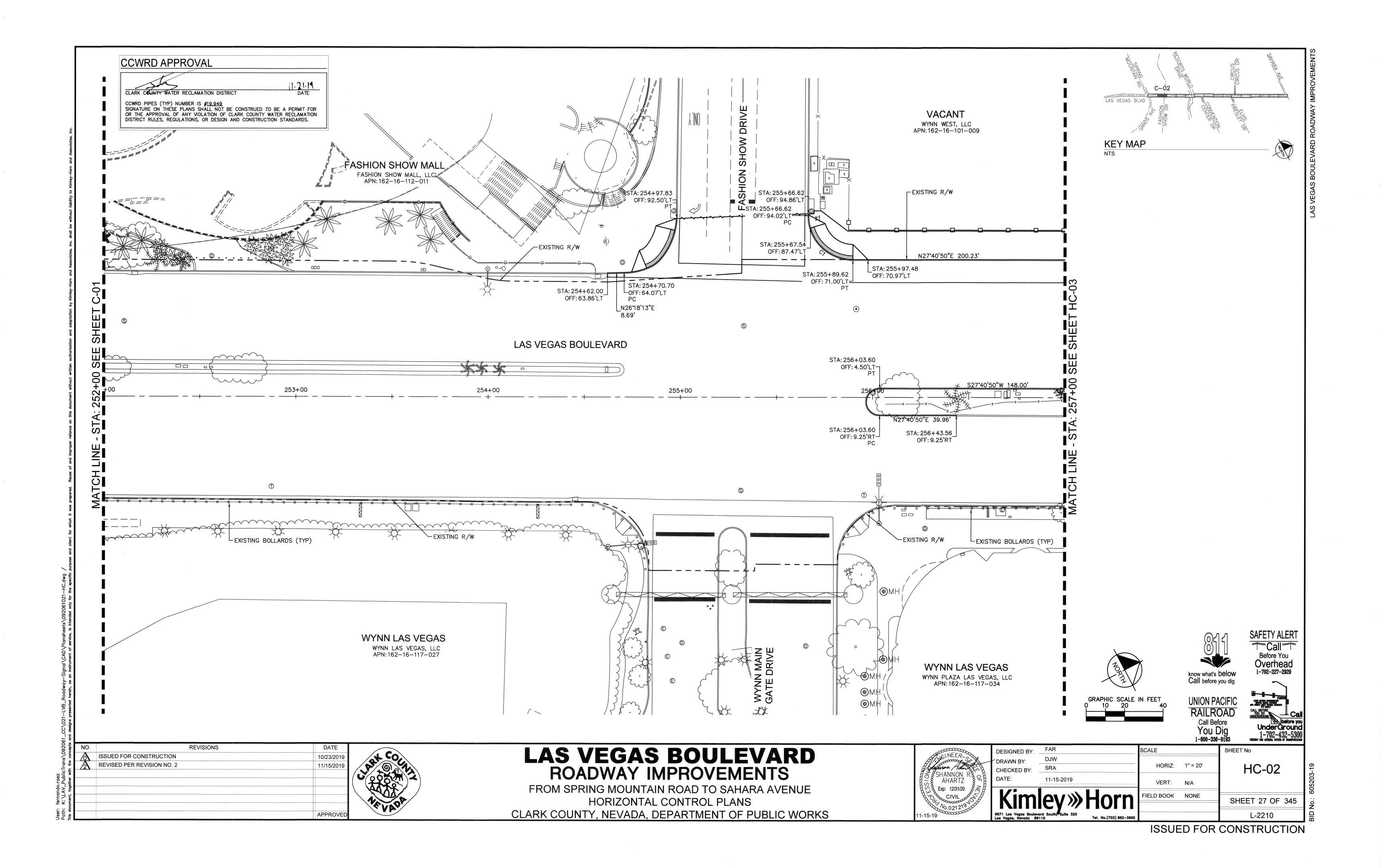


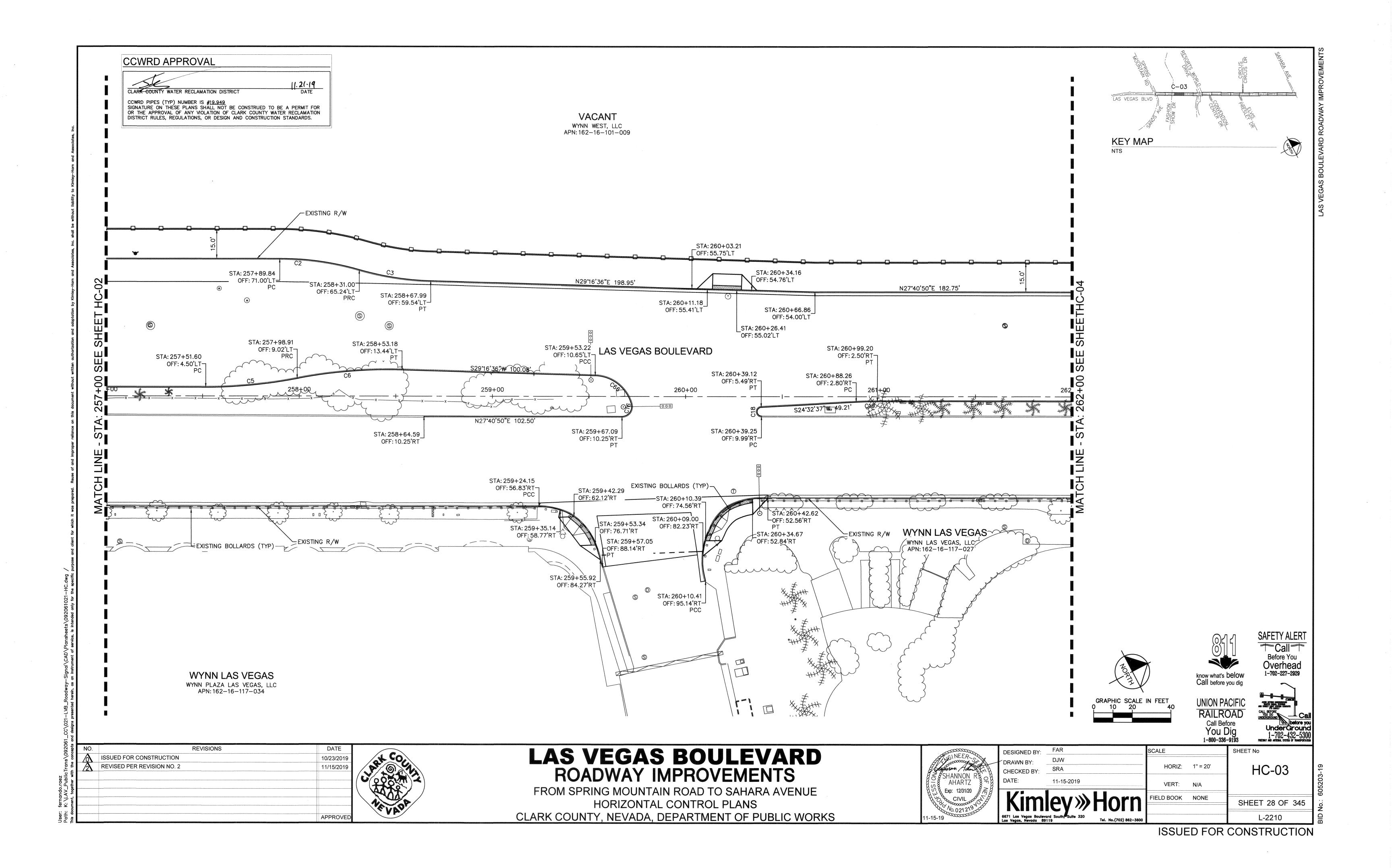


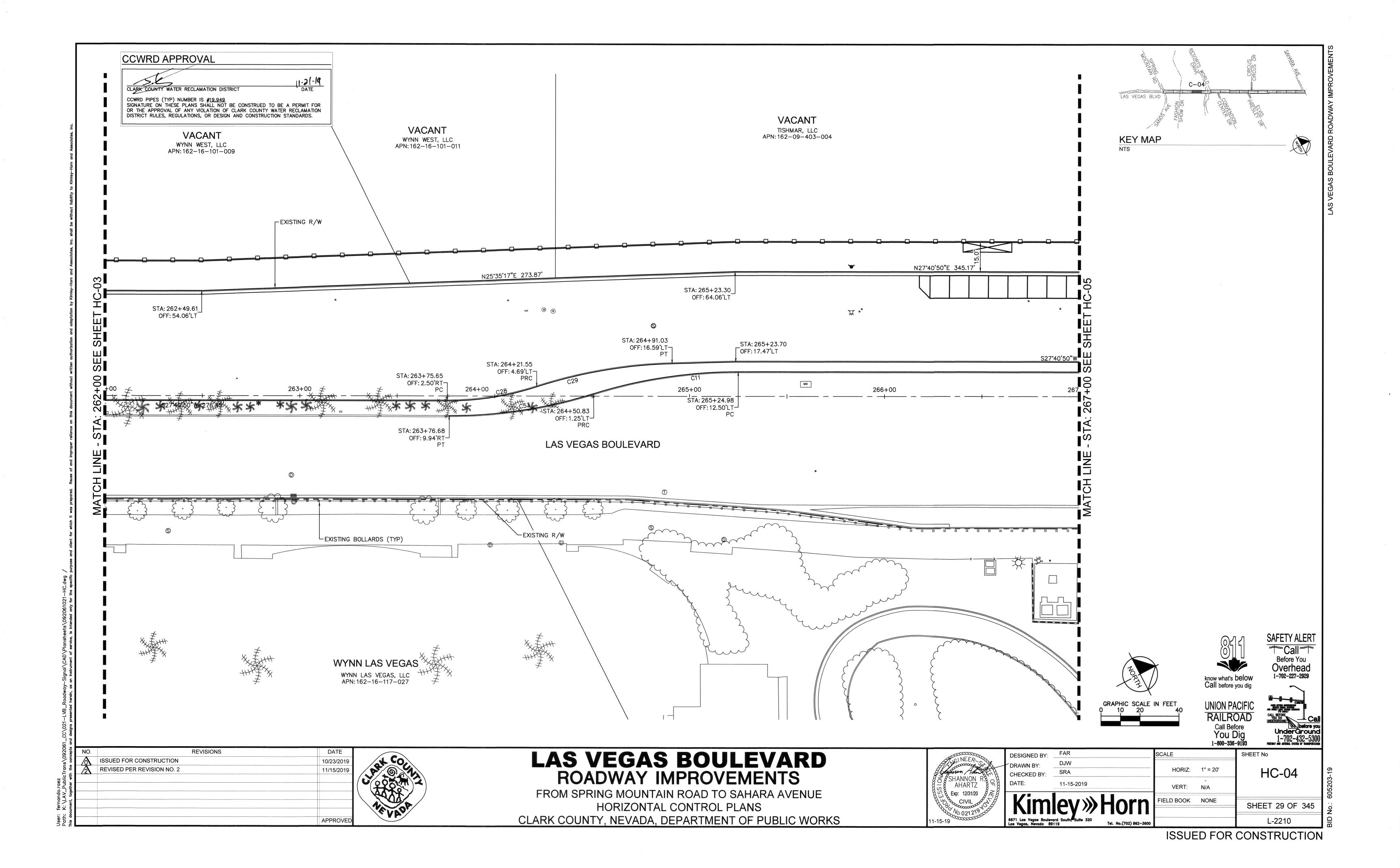


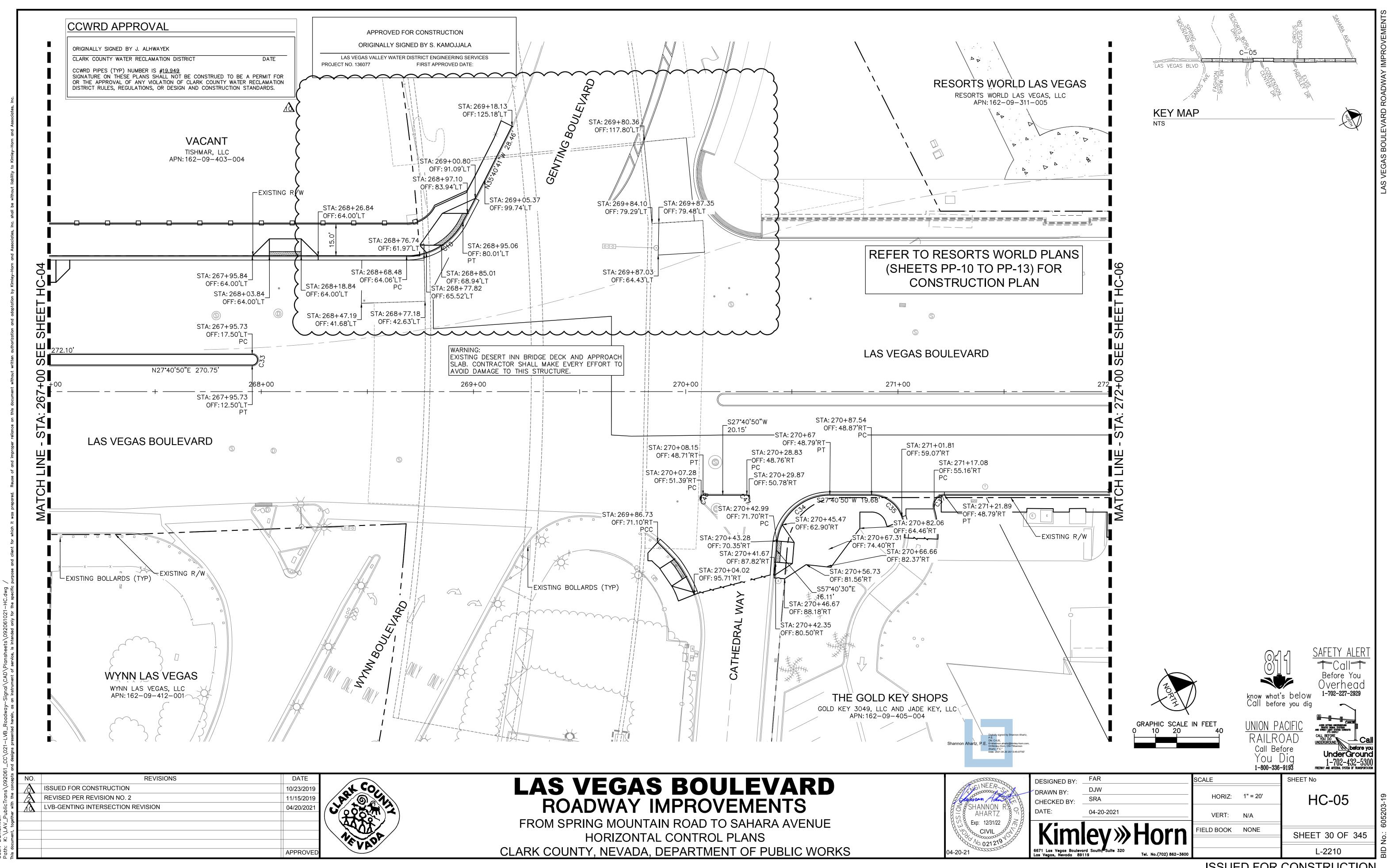


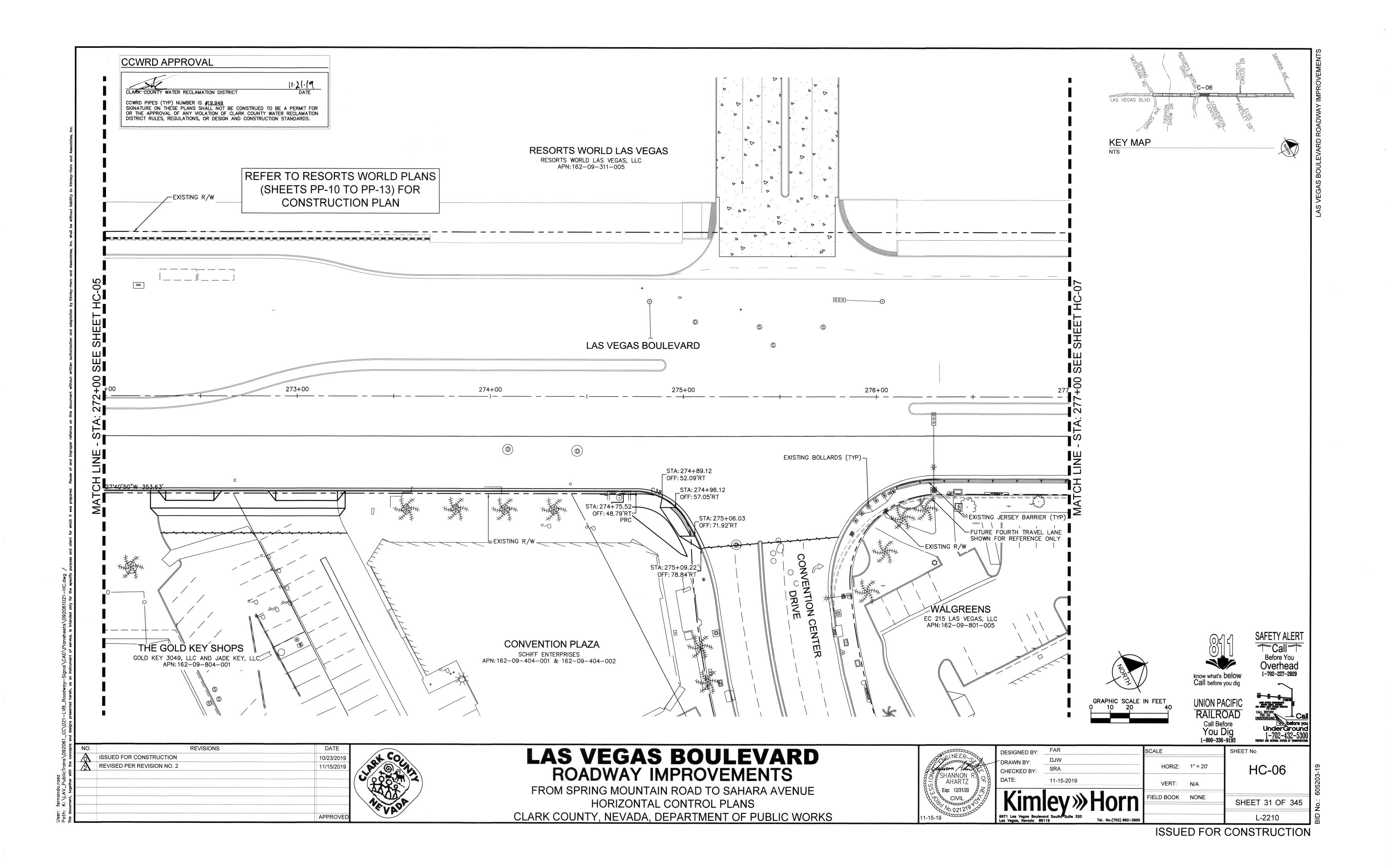


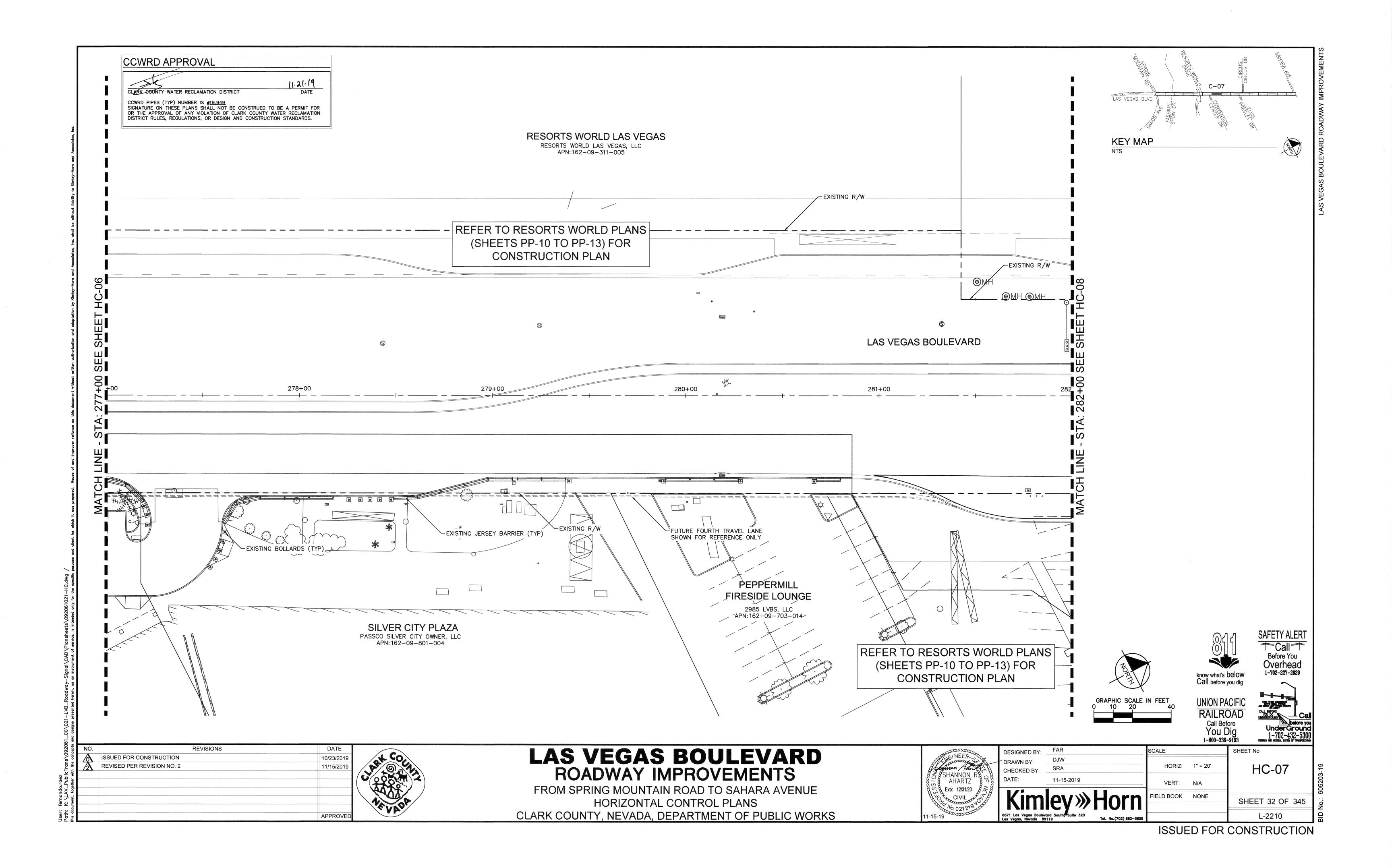


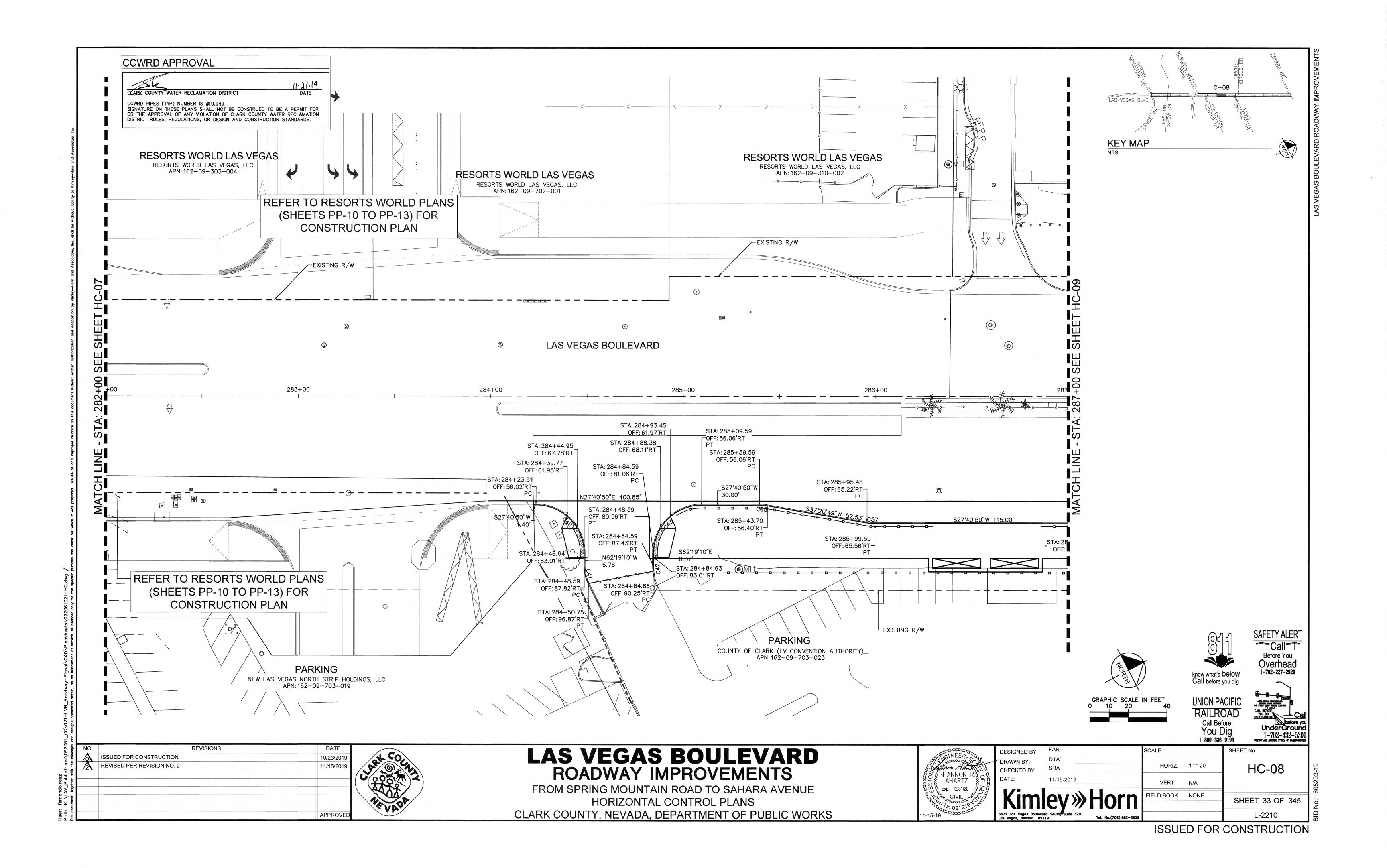


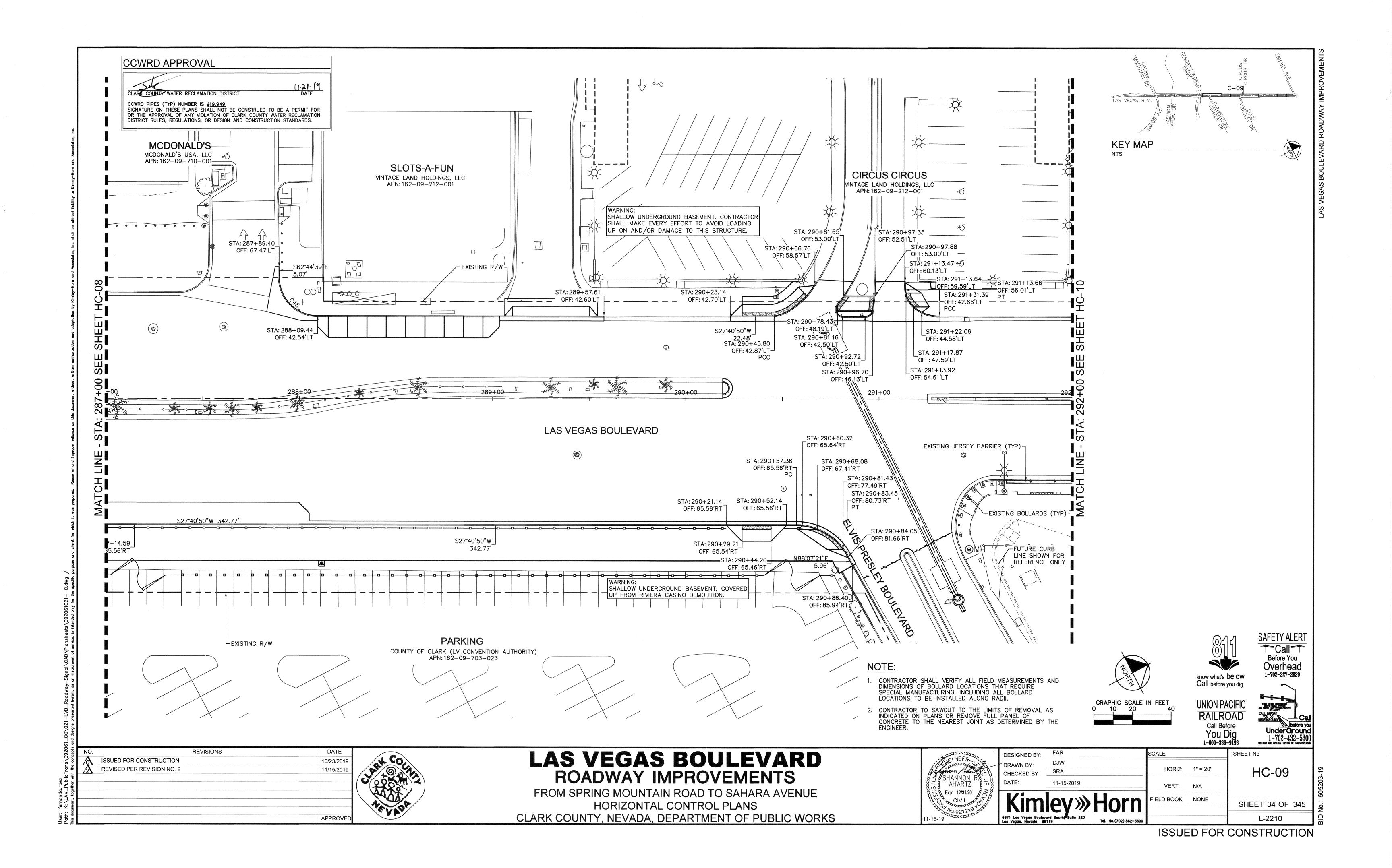


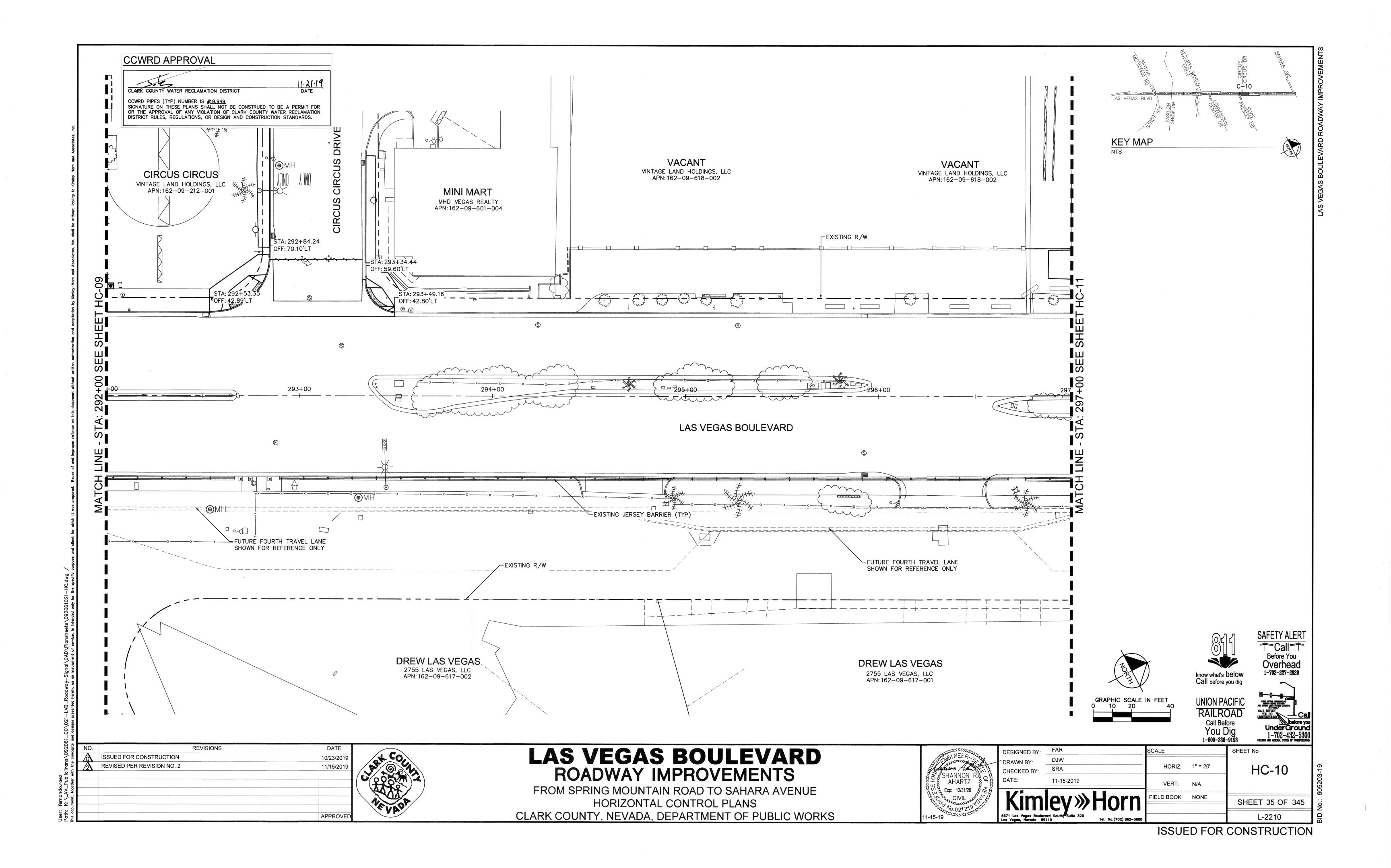


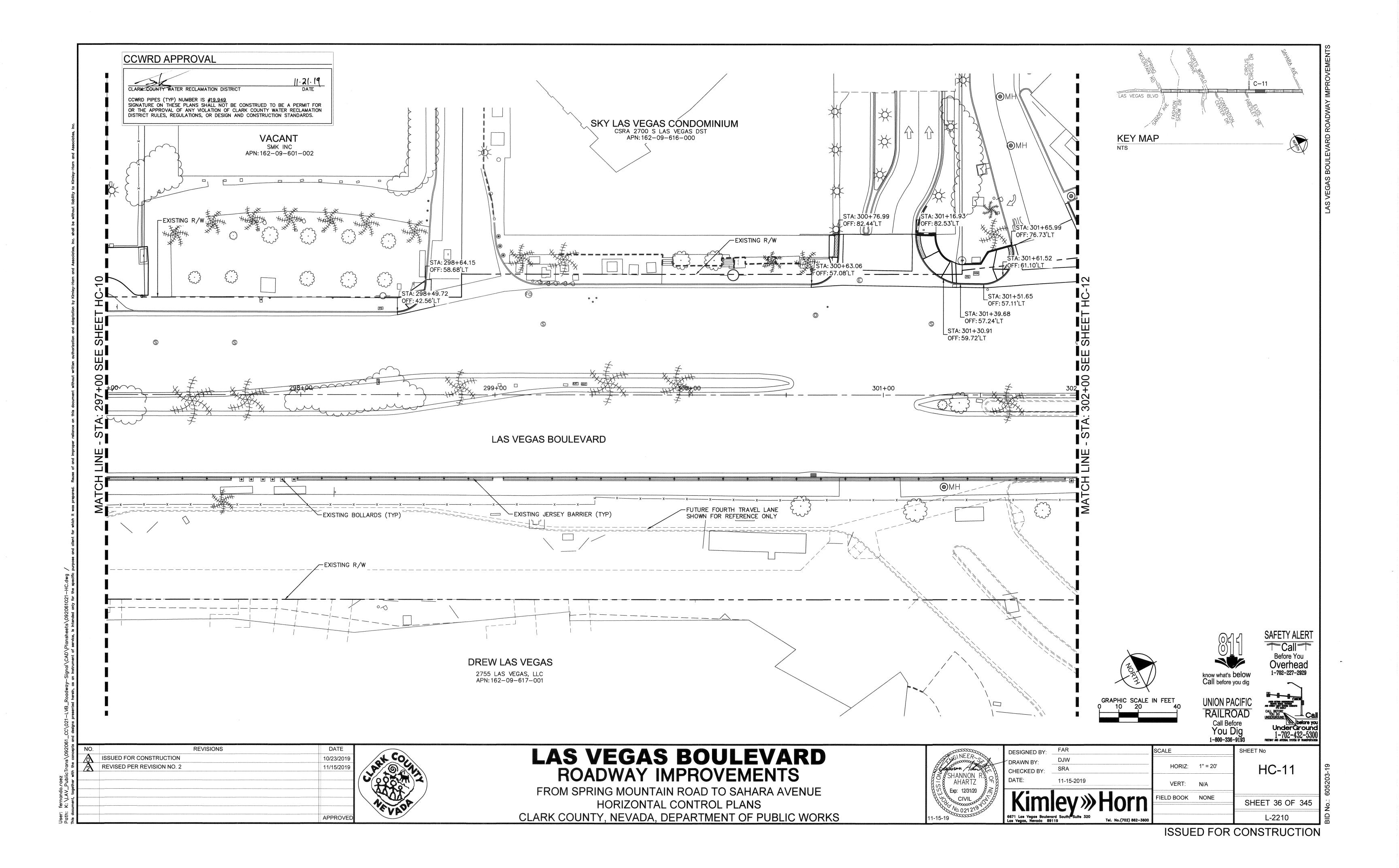


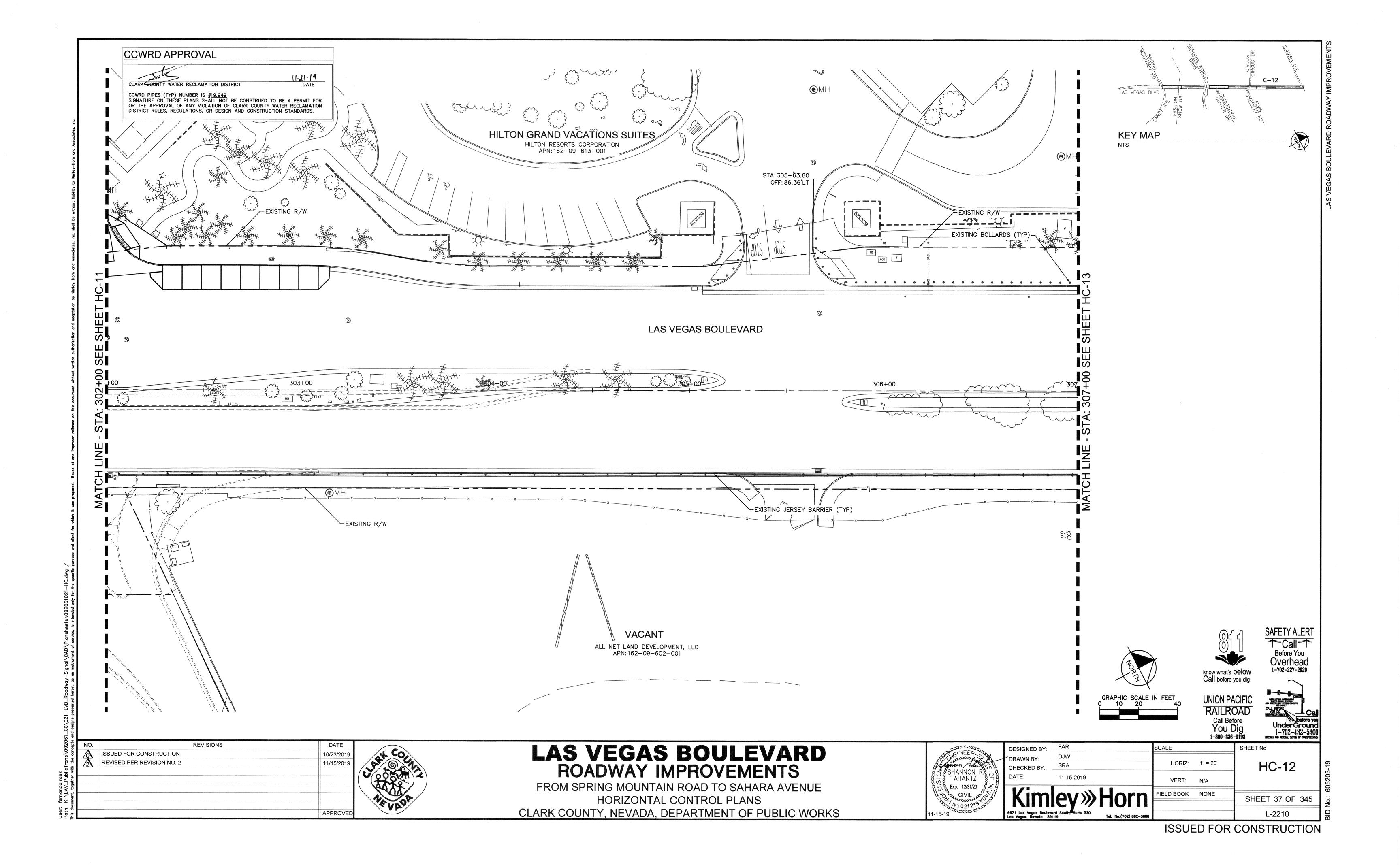


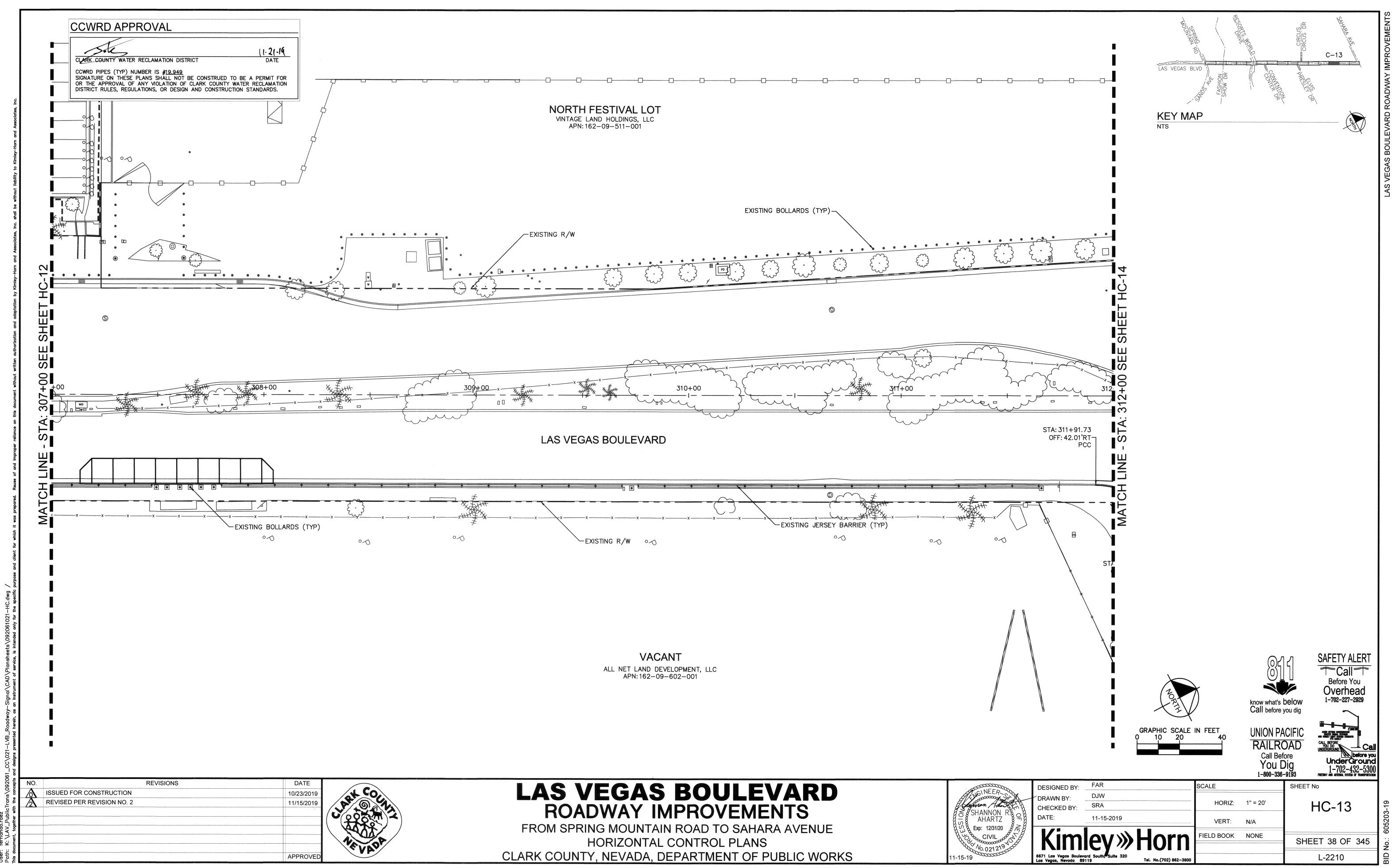


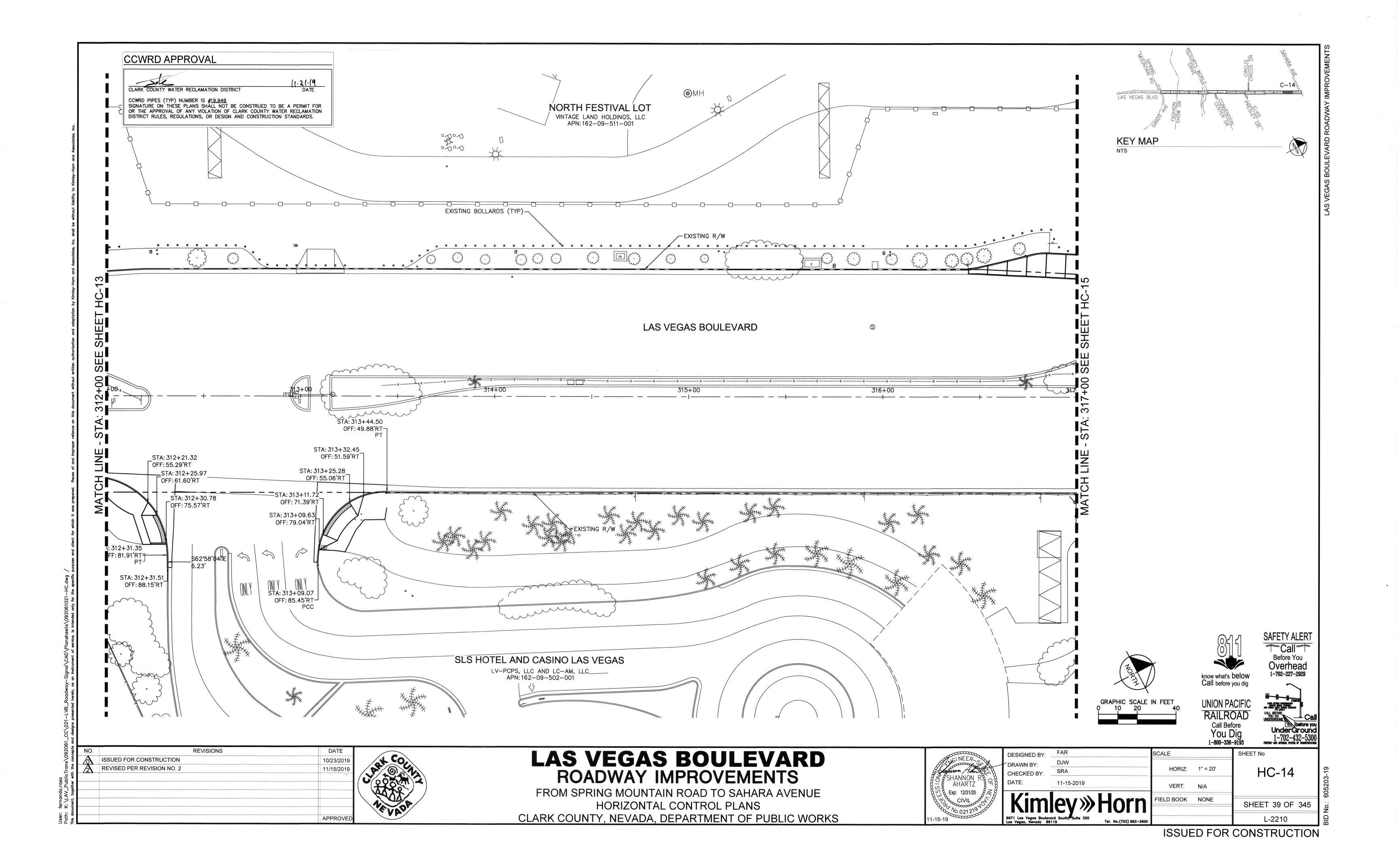


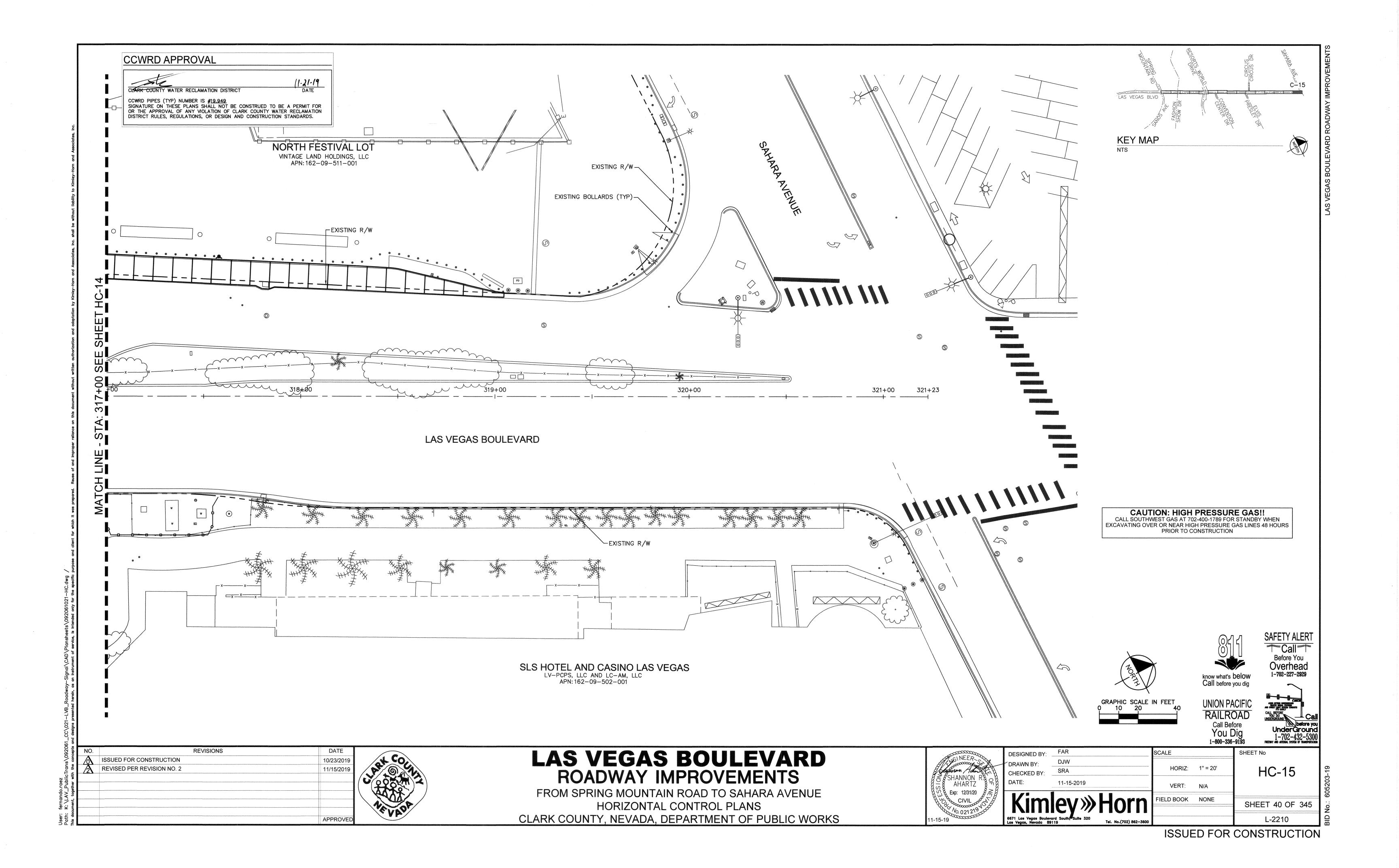


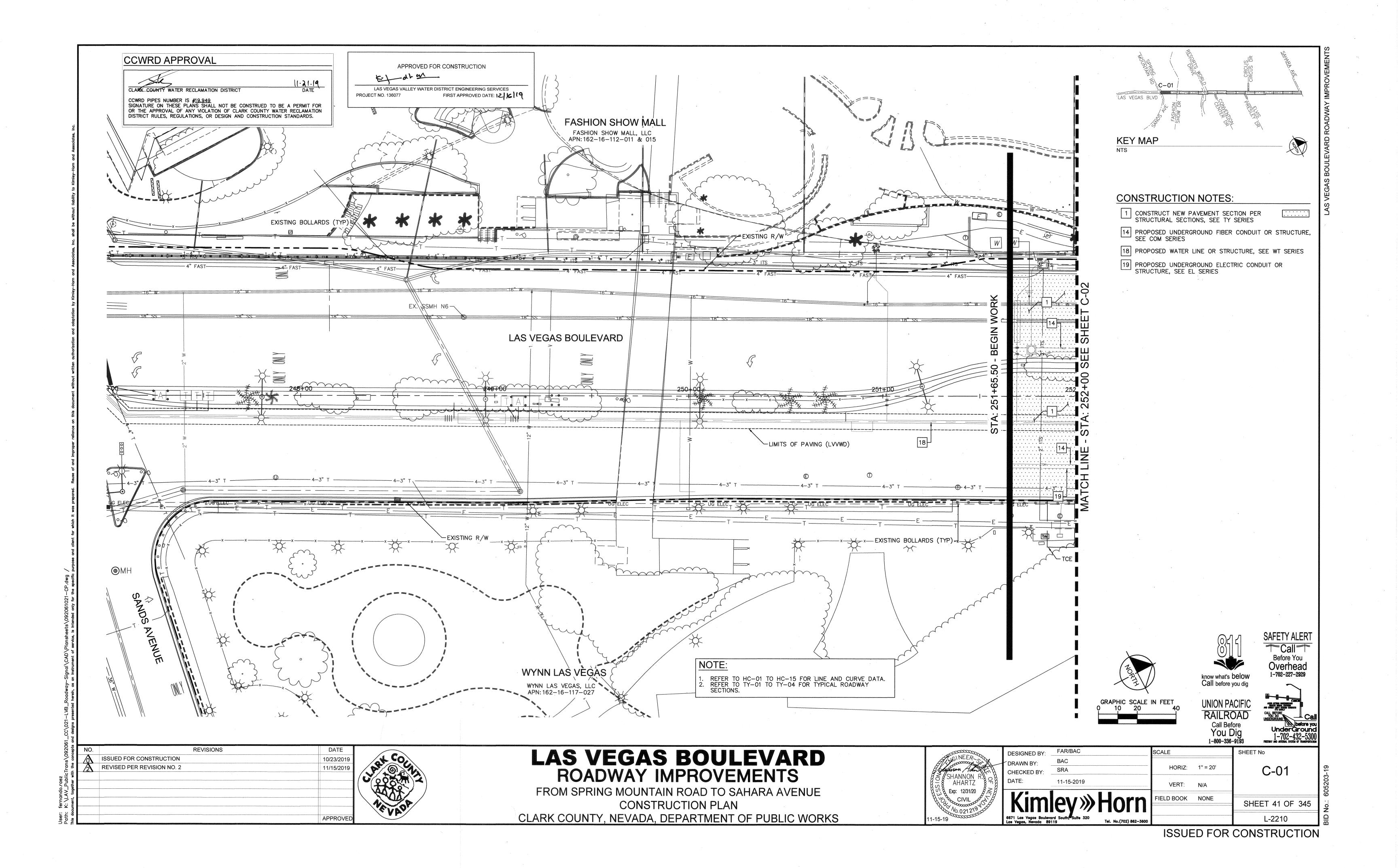


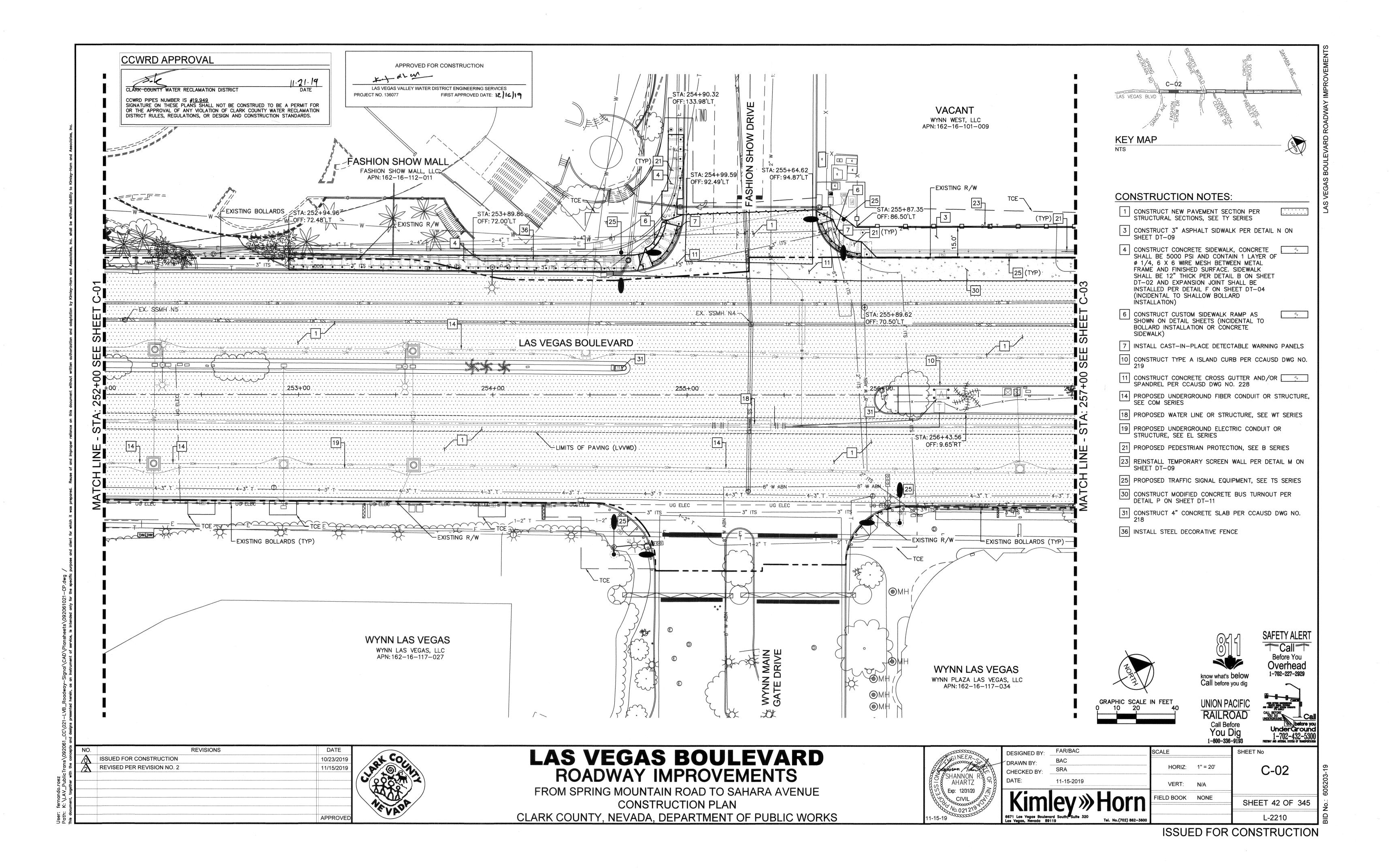


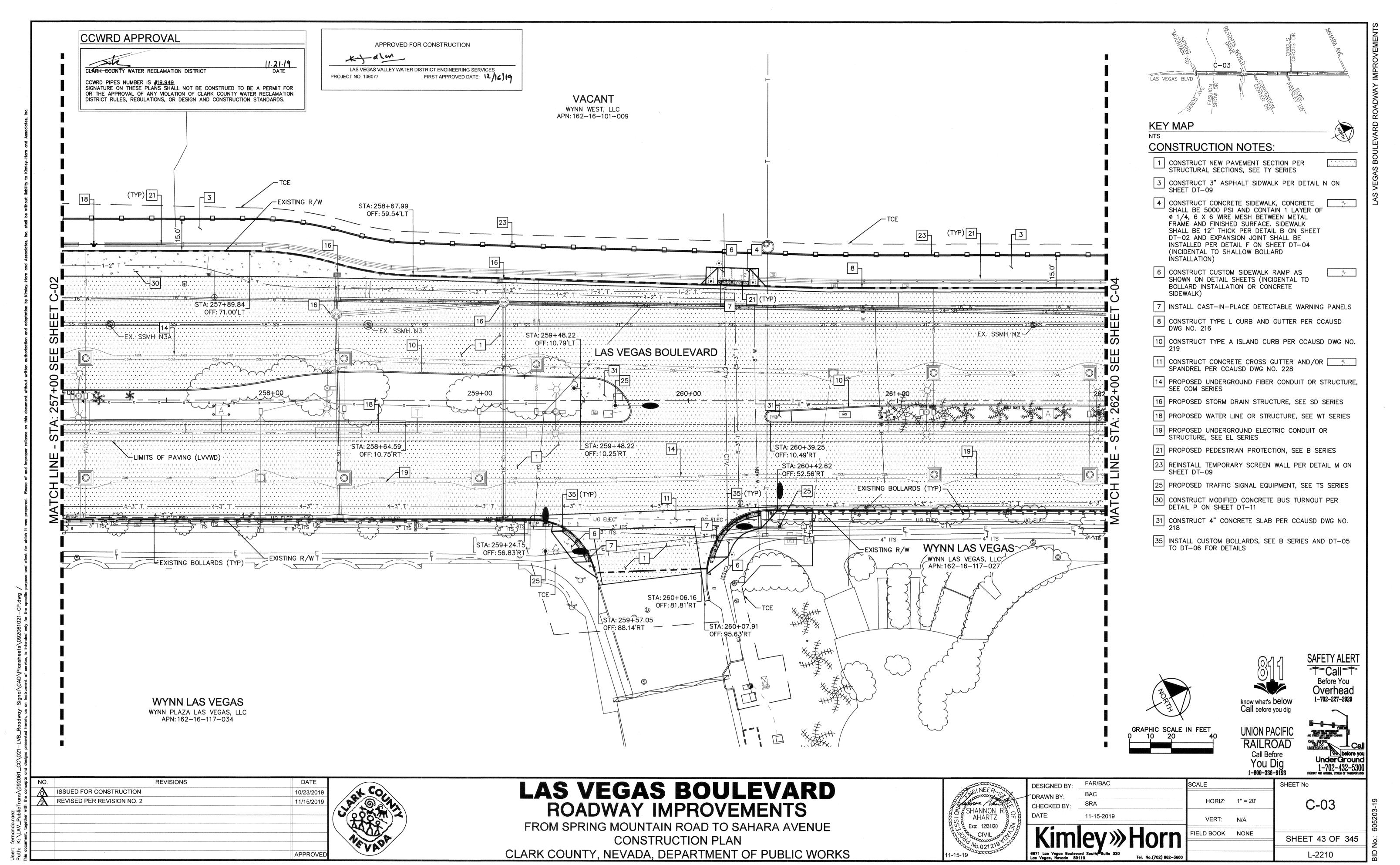


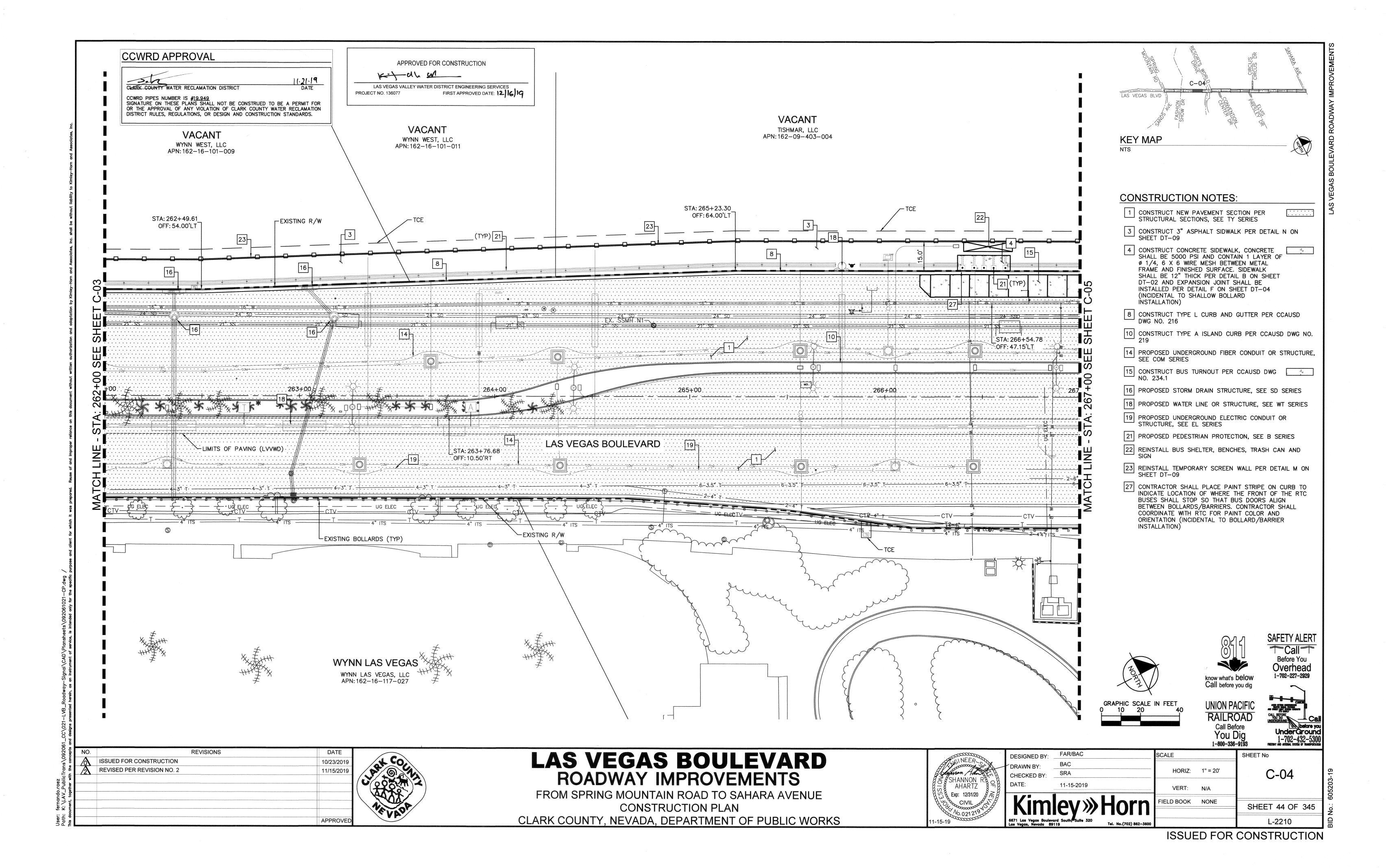


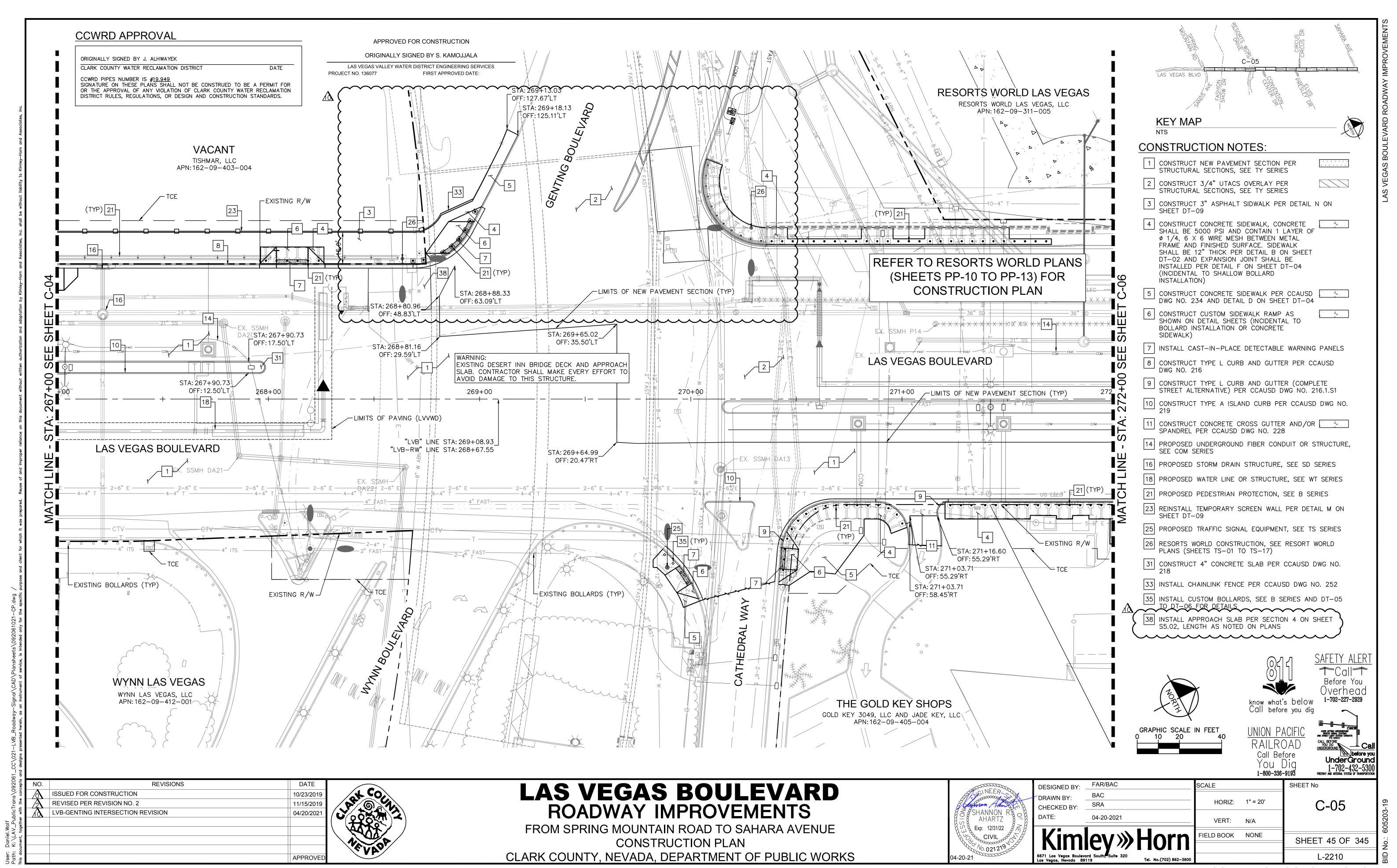


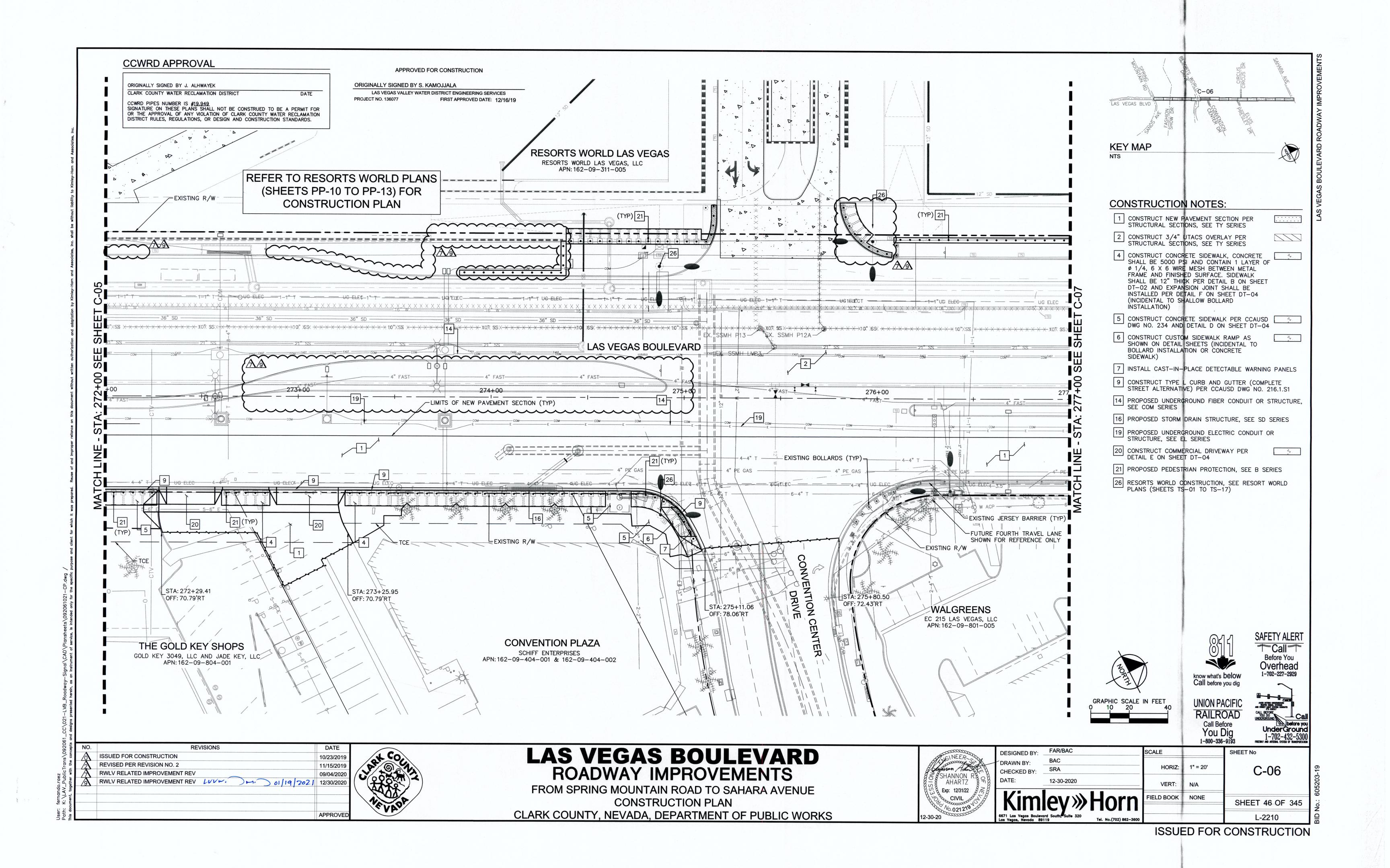


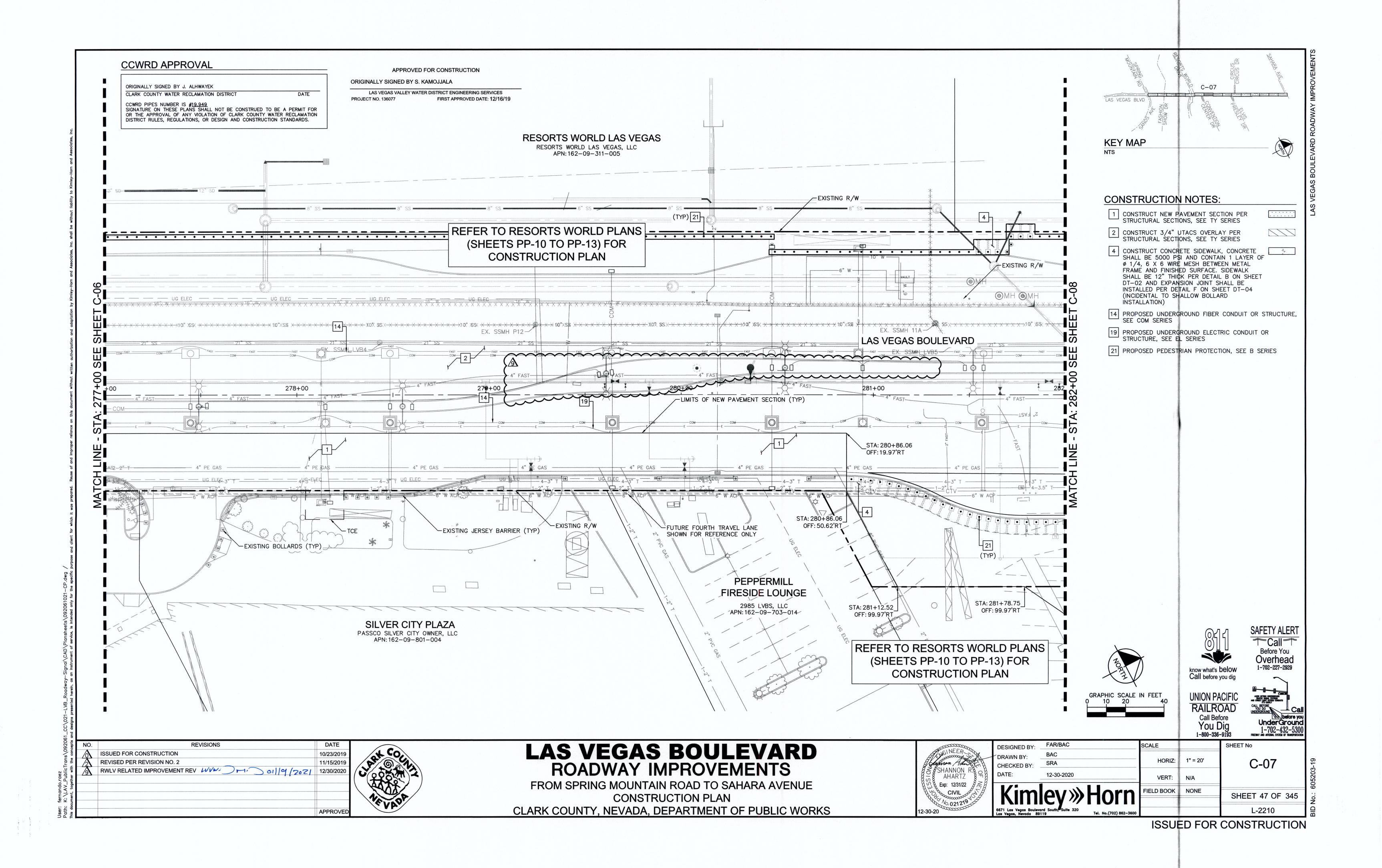


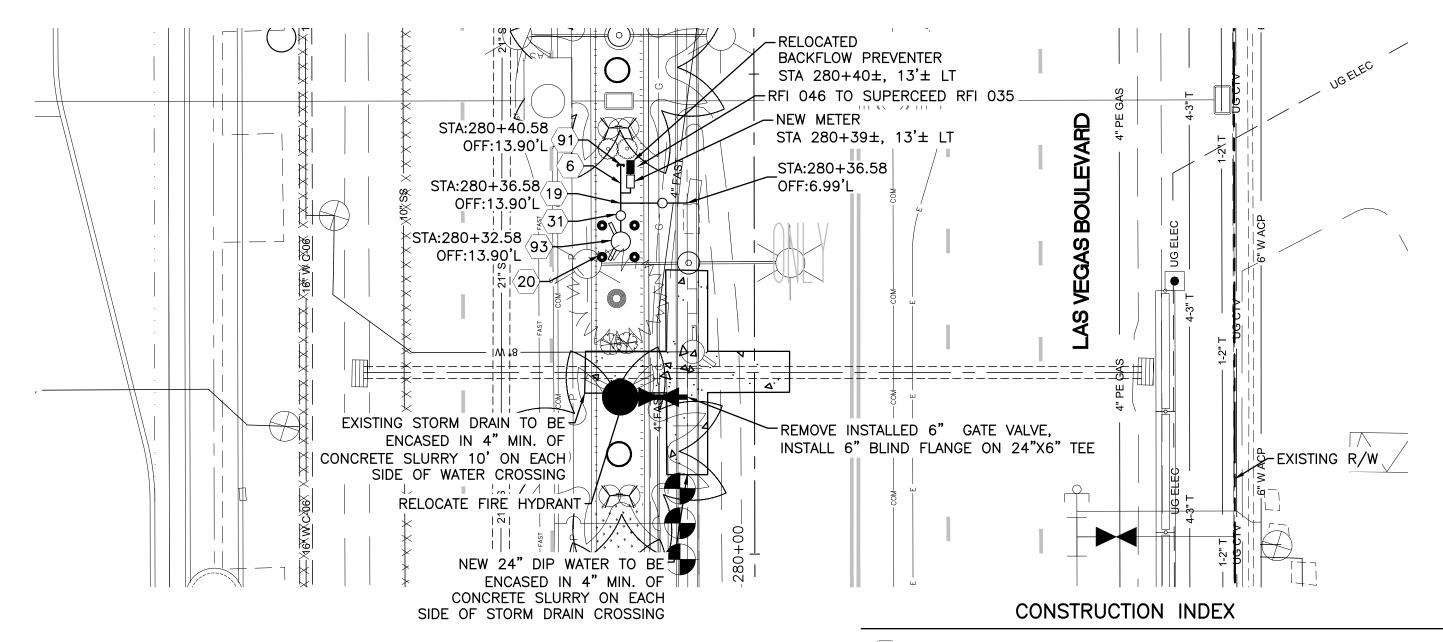




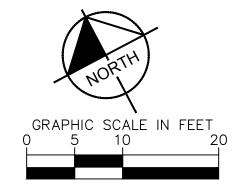






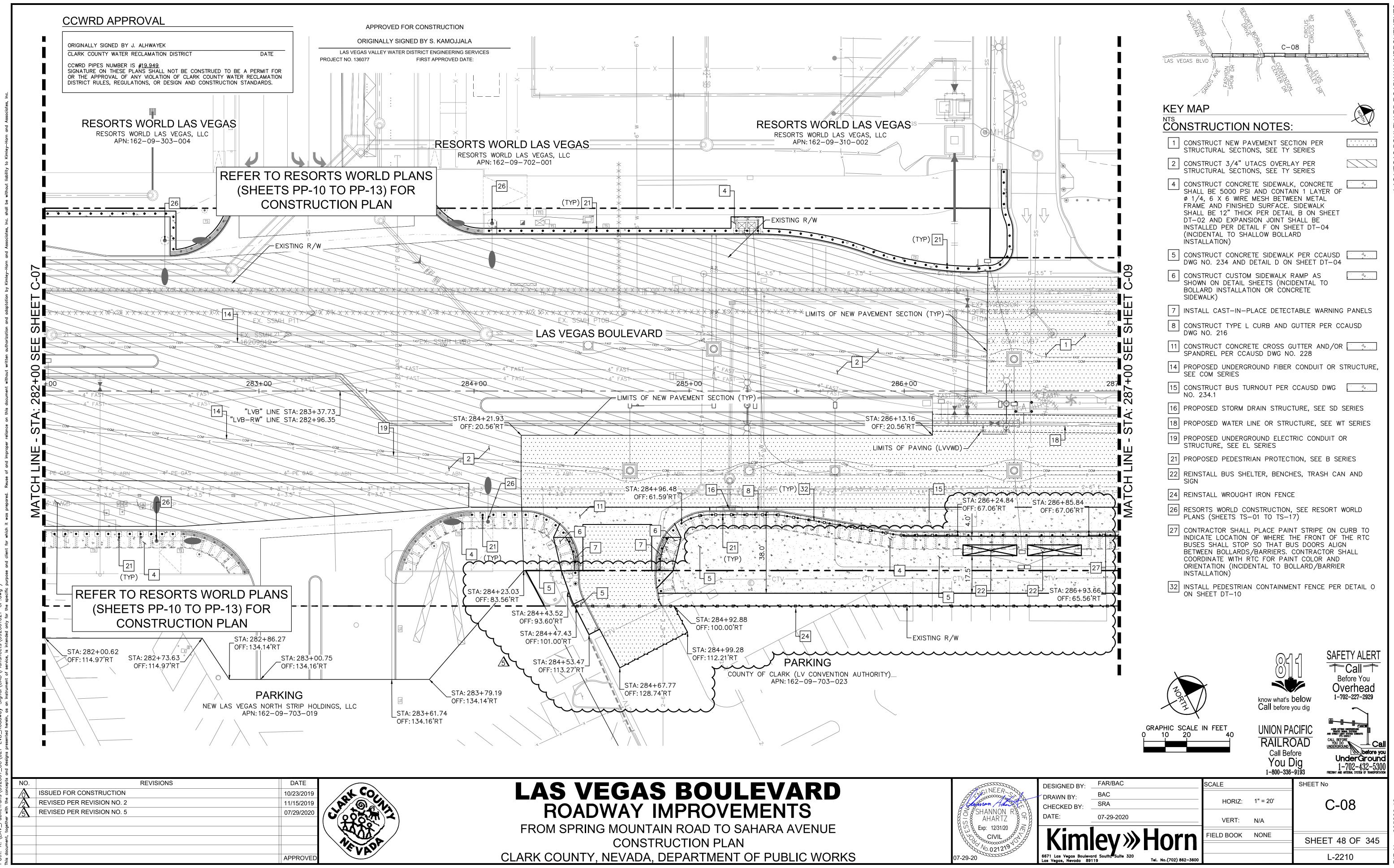


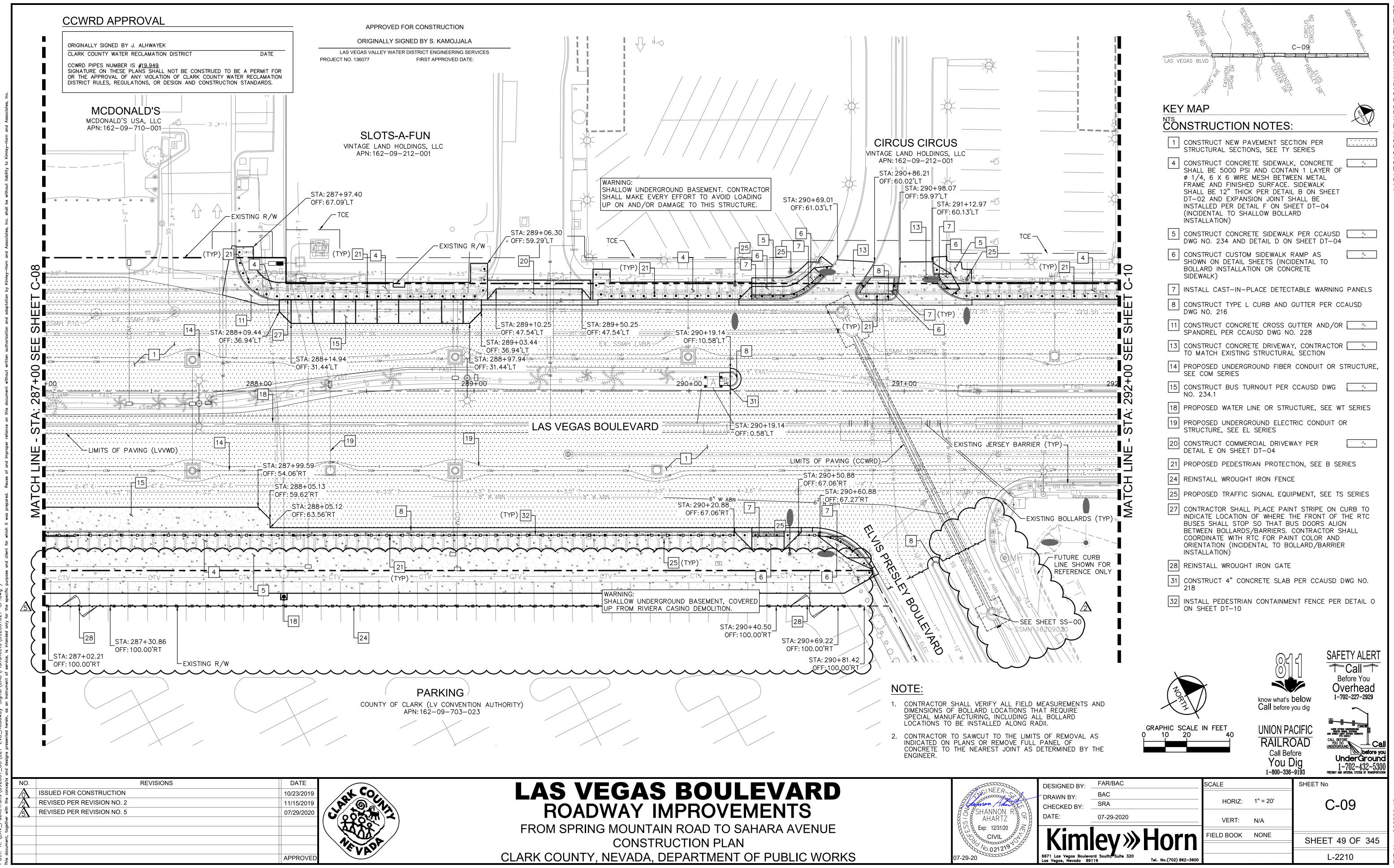
- \langle 6 \rangle INSTALL 6" DIP, PER UDACS W/RESTRAINED JOINT PER UDACS SEC 2.15
- (19) INSTALL 6" x 6" FLG TEE W/RESTRAINED JOINT PER UDACS SEC 2.15
- (20) INSTALL PROTECTIVE BOLLARD PER UDACS PLT NO. 75 ON WT-51
- 31 INSTALL 6" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
- (91) INSTALL CAP W/RESTRAINED JOINT
- PRECONNECT/RELOCATE FIRE HYDRANT PER UDACS PLT NO. 40 & 41 ON SHT WT-50

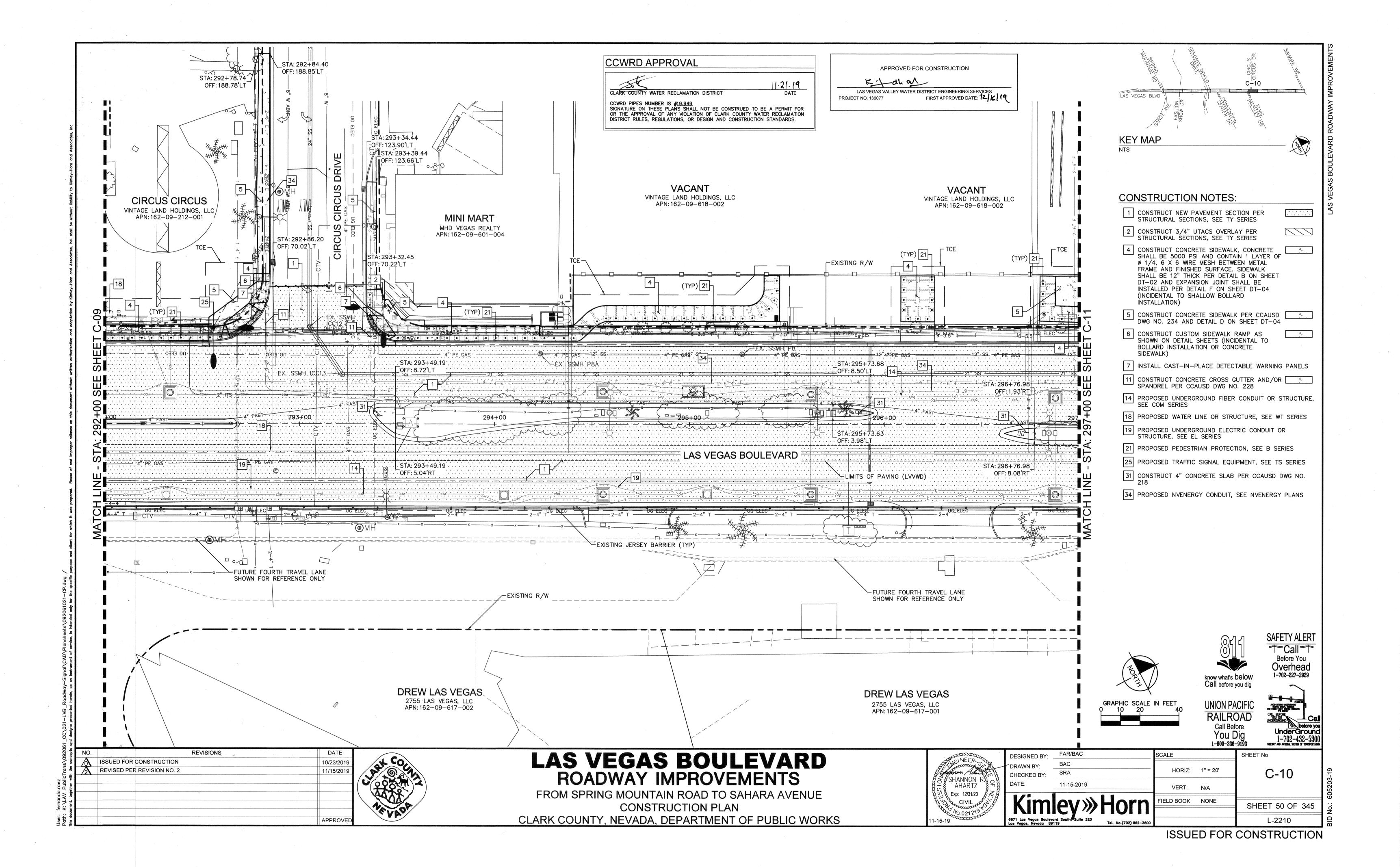


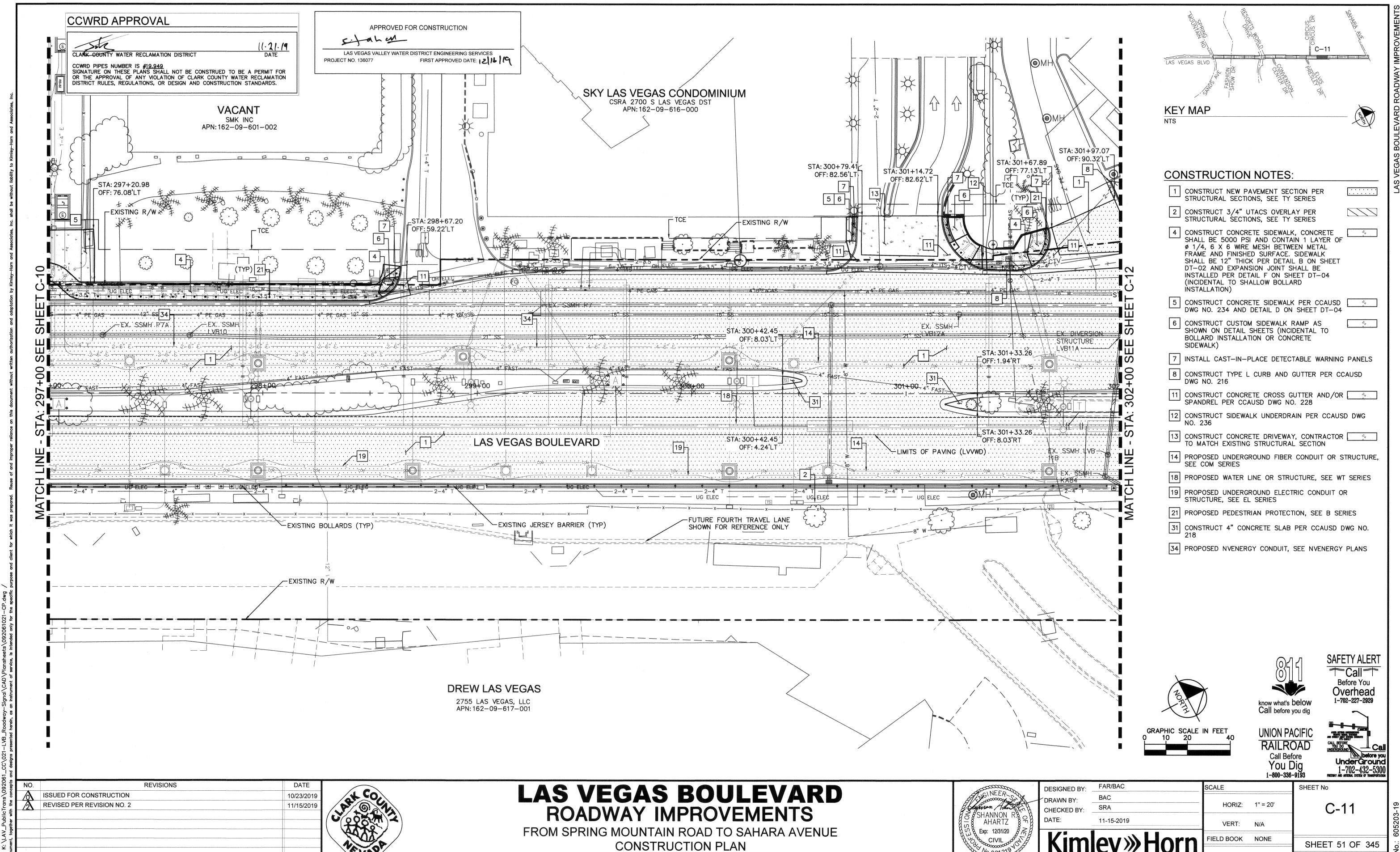
RFI # 046 STA 280+36.58, RELOCATE NEW FIRE HYDRANT







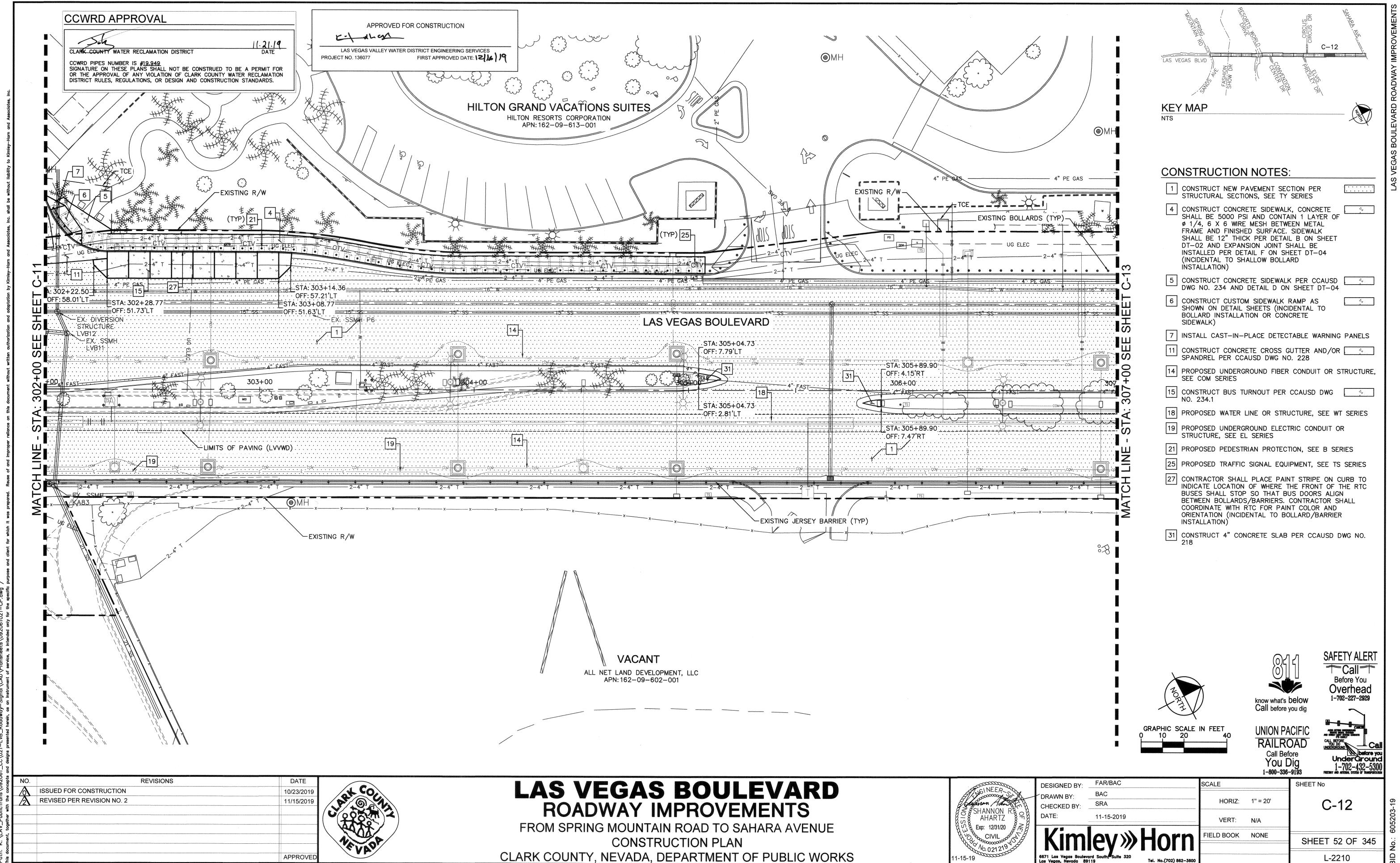




CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

ISSUED FOR CONSTRUCTION

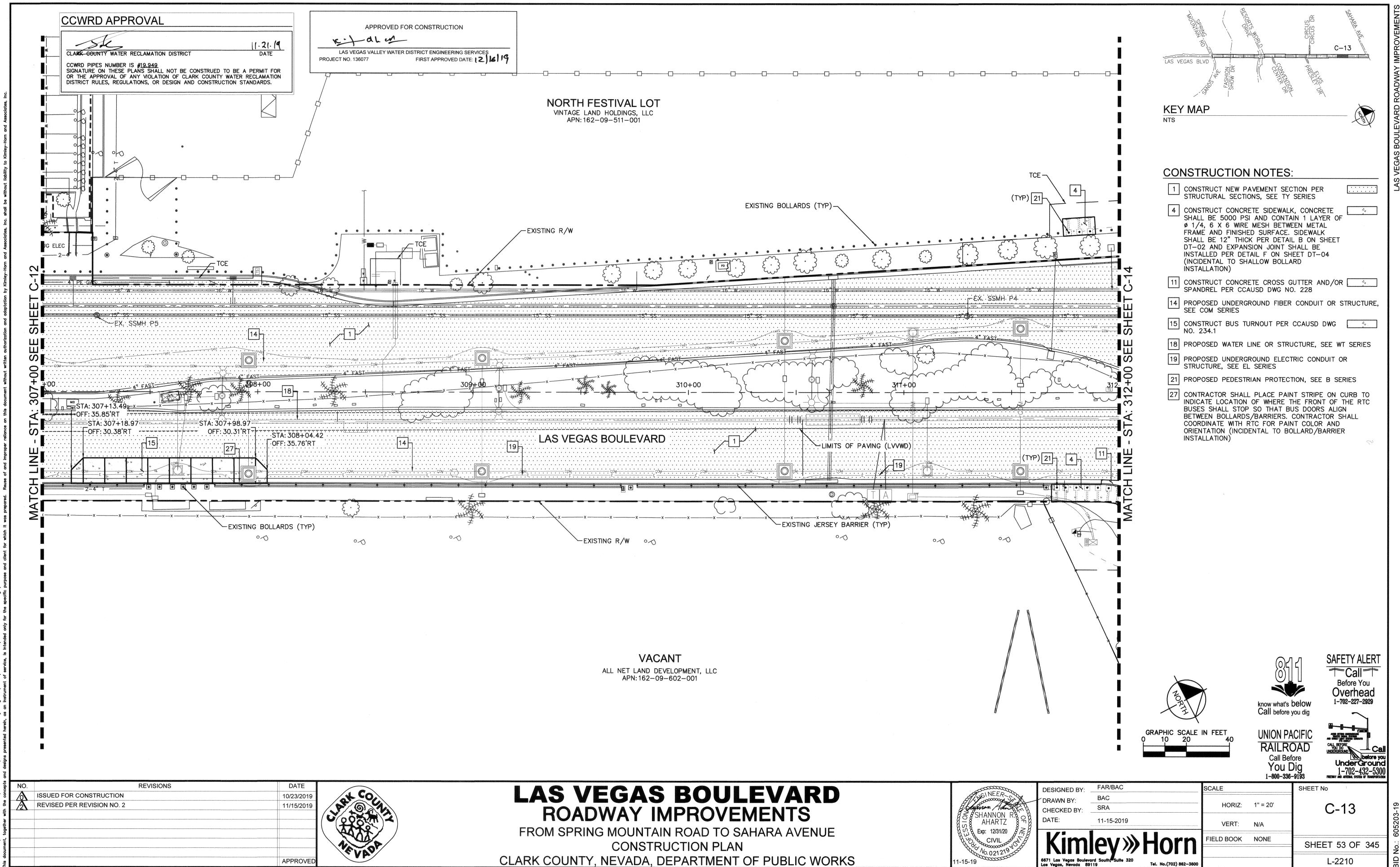
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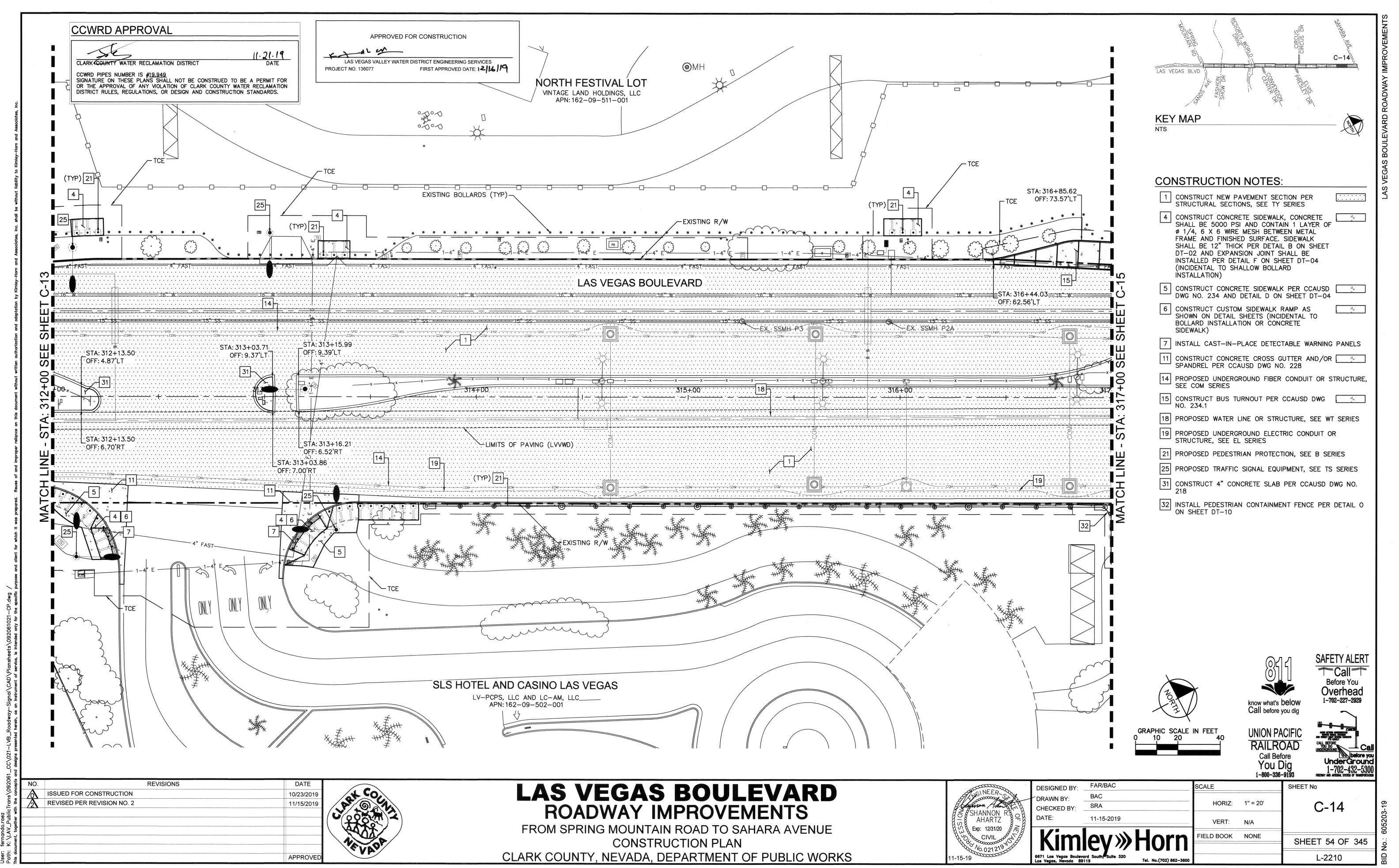


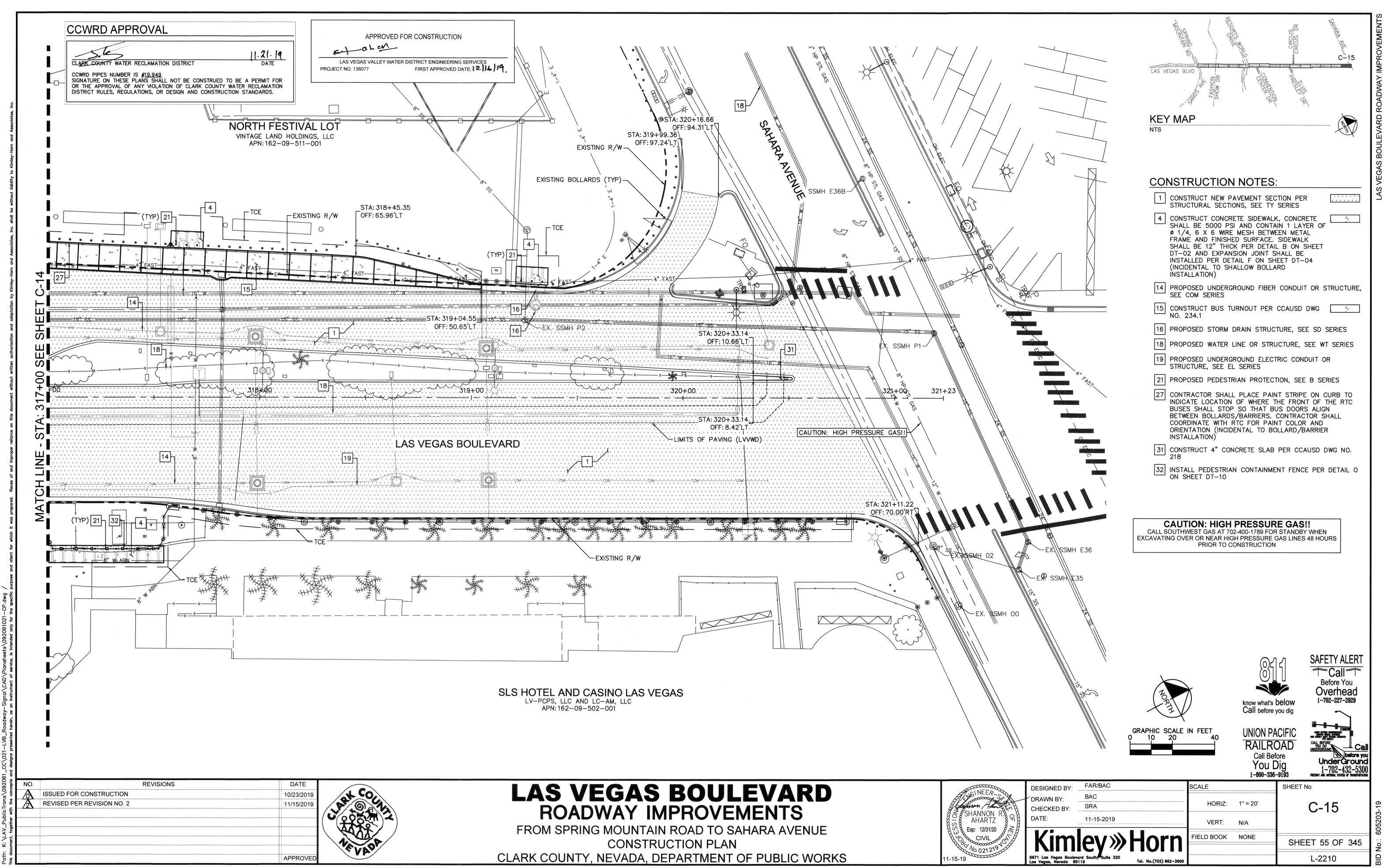
APPROVE

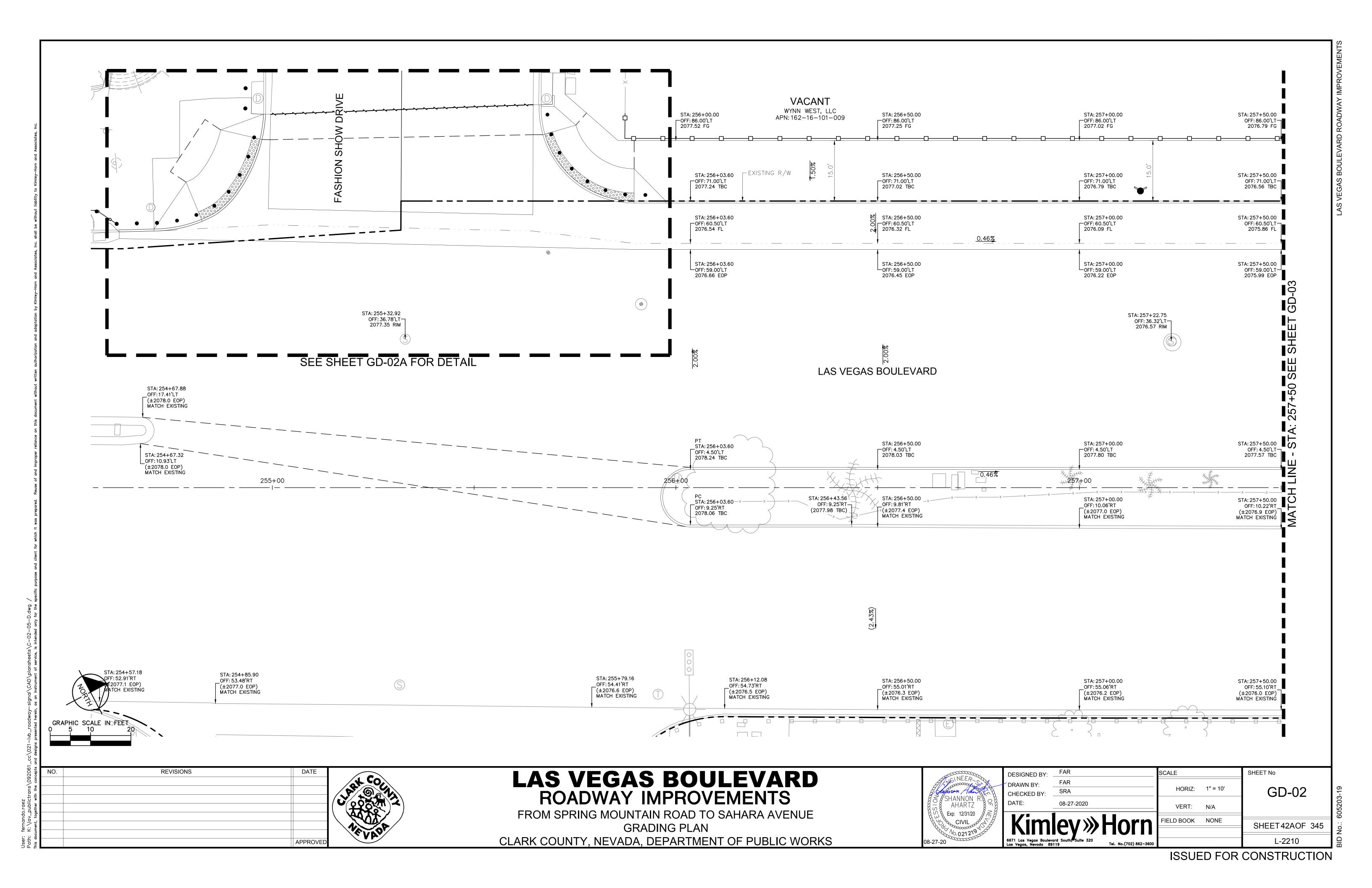
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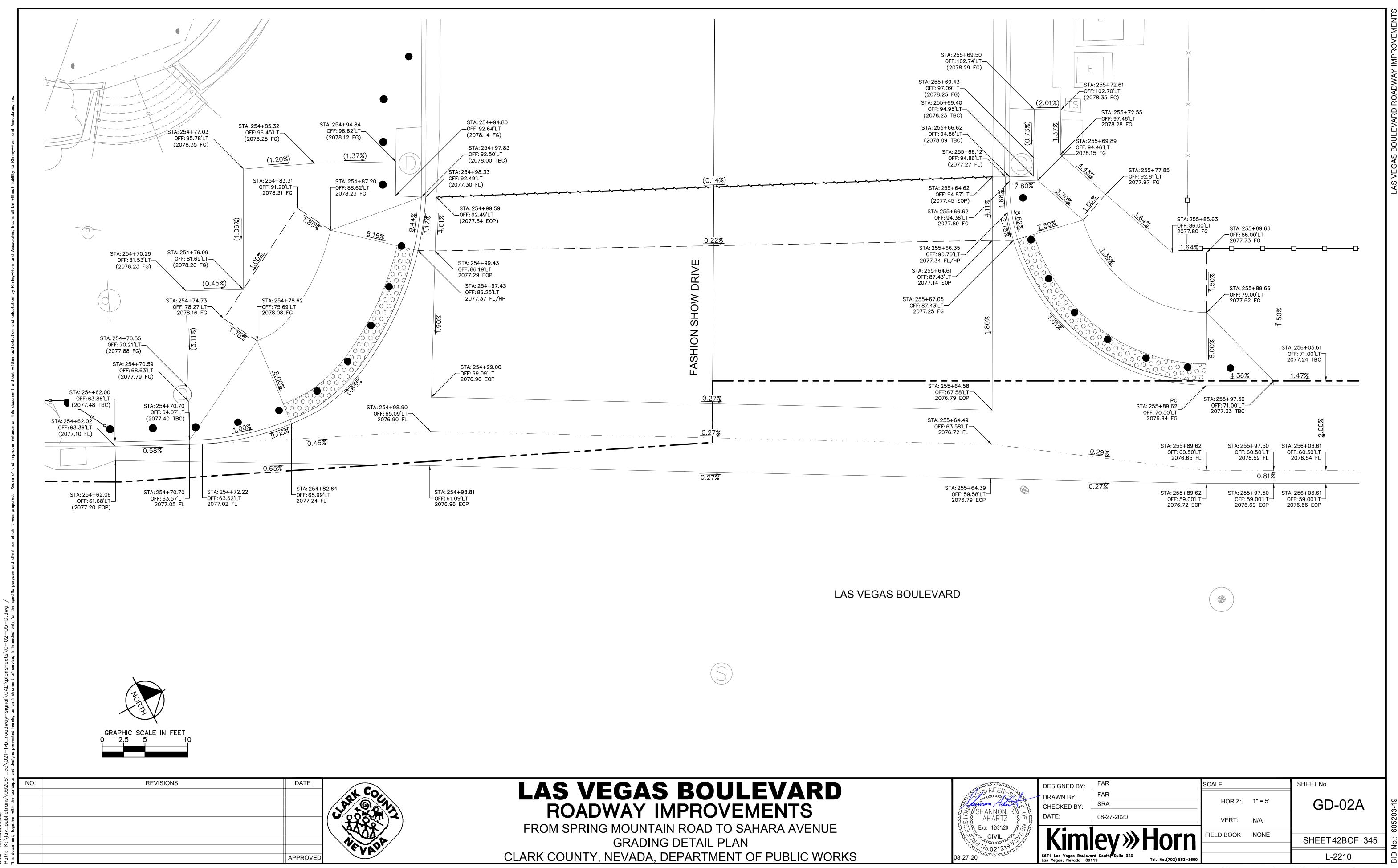
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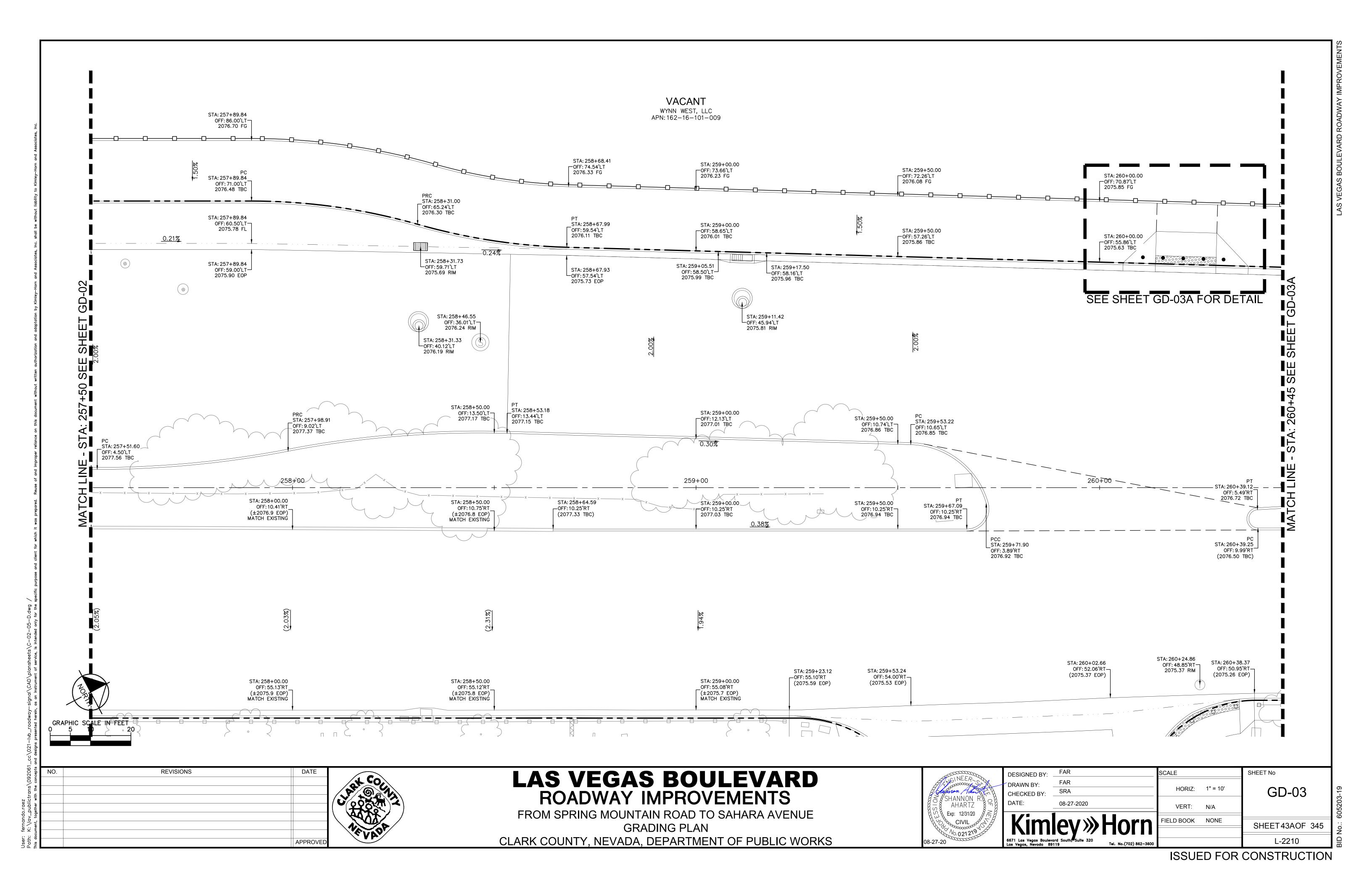


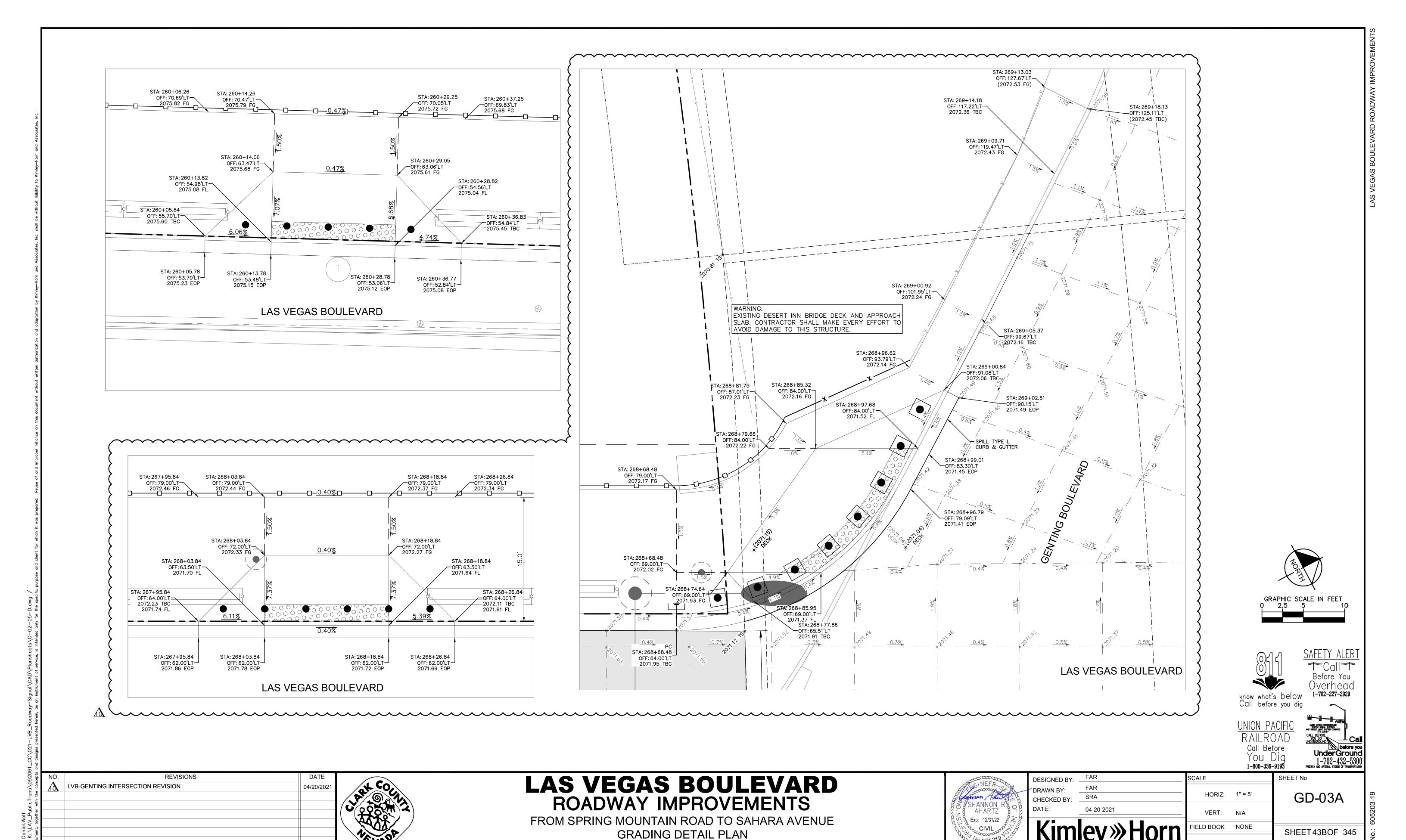






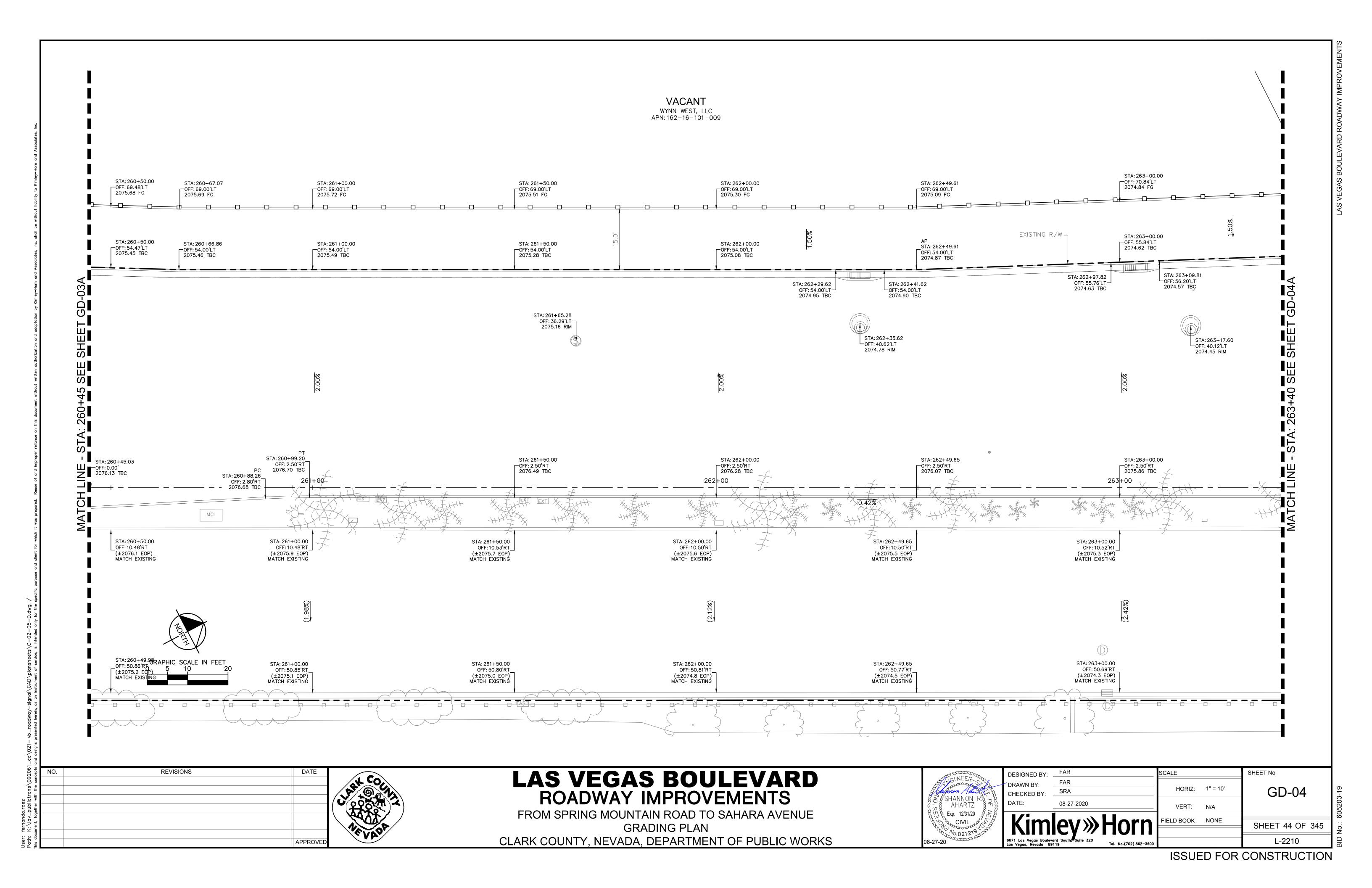


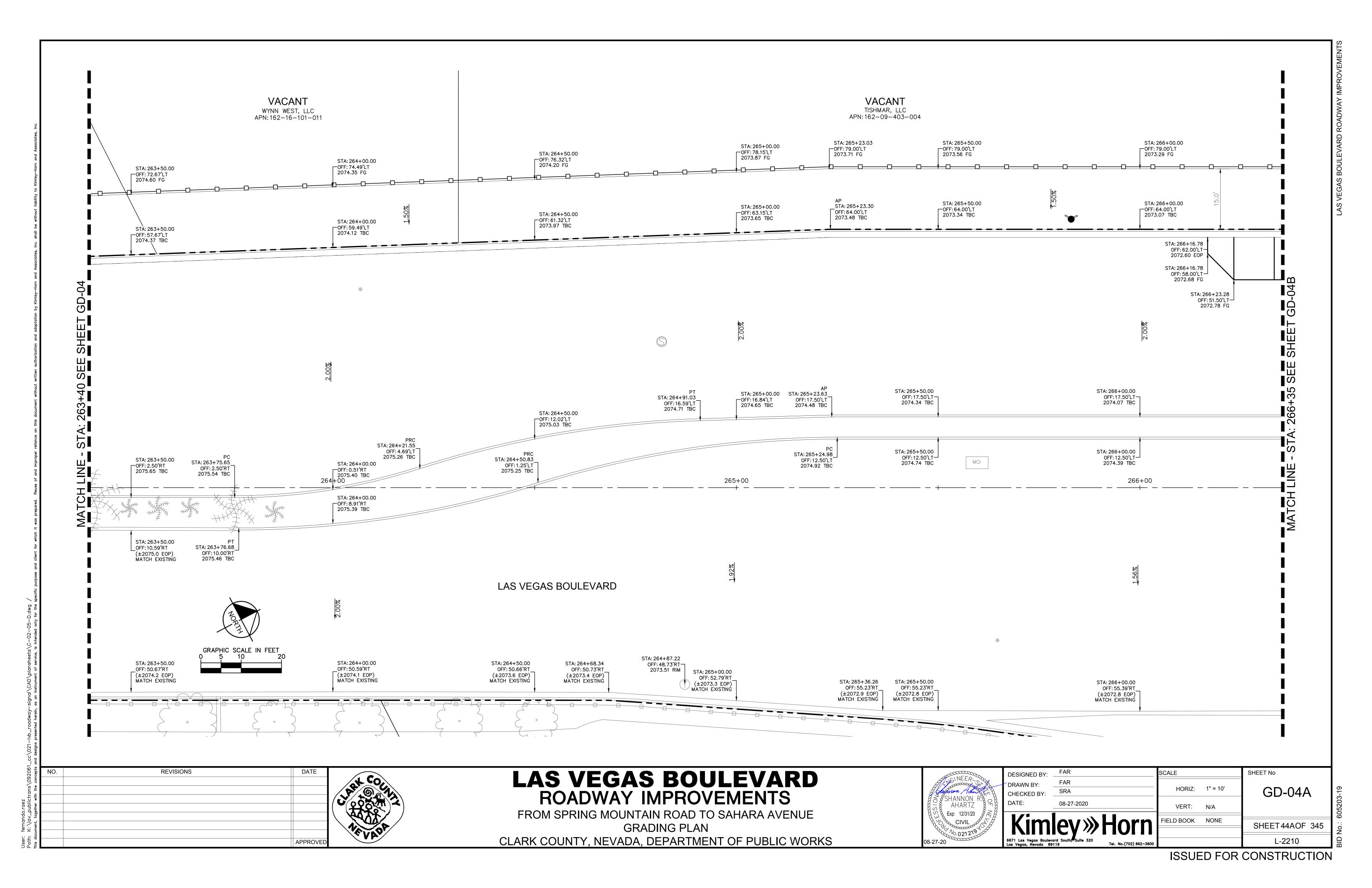


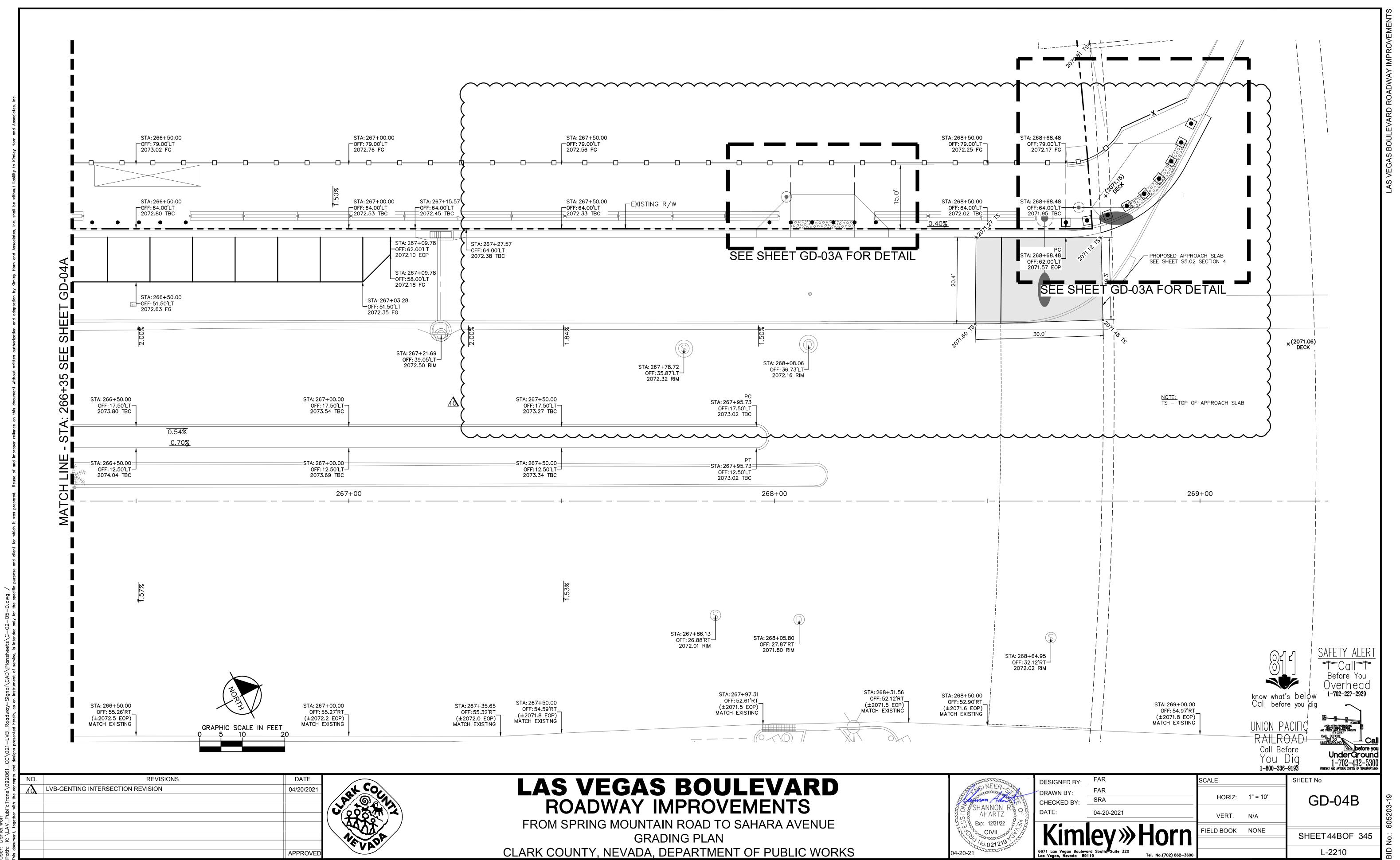


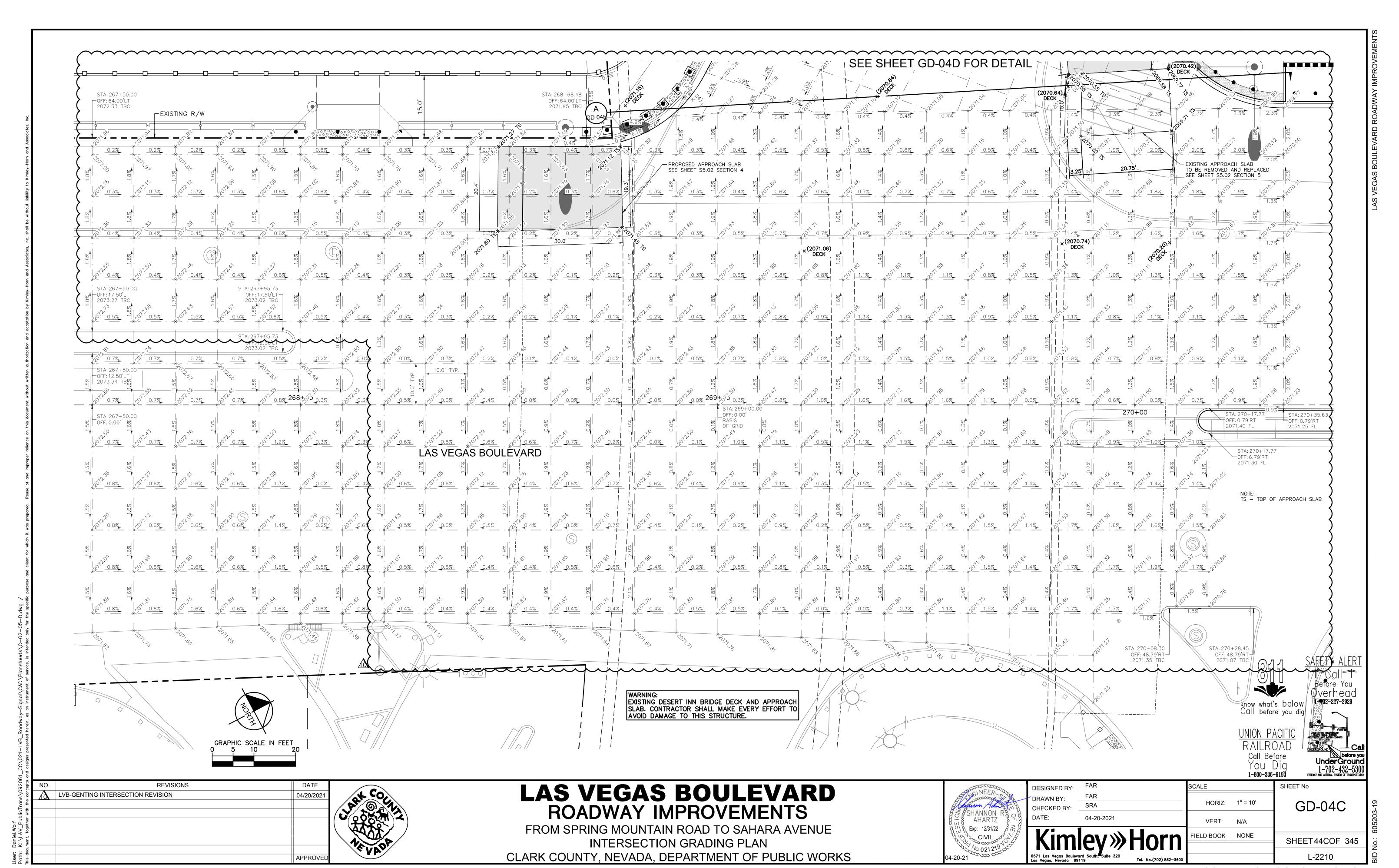
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

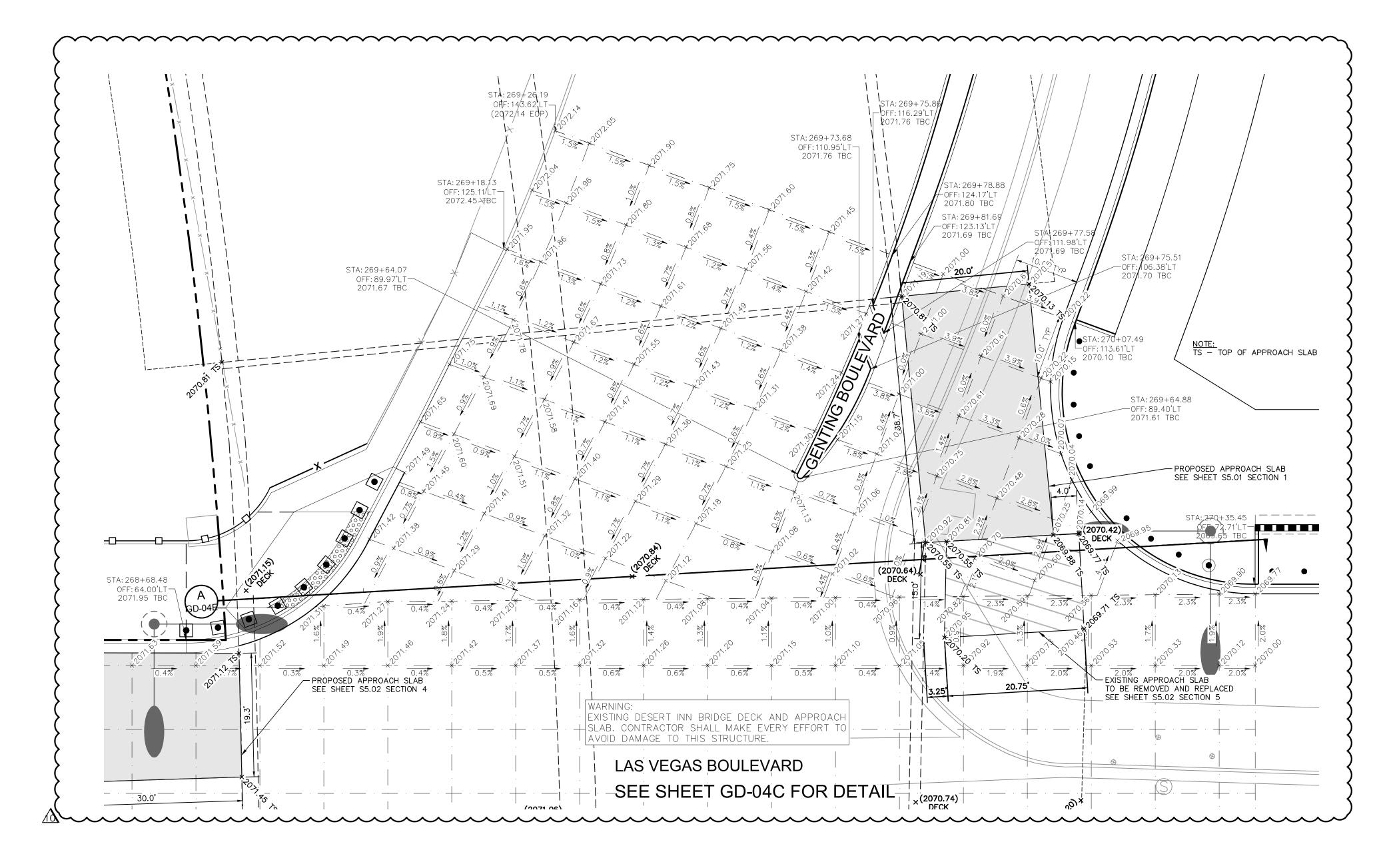
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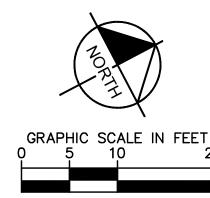














know what's below Call before you dig

04/20/2021 LVB-GENTING INTERSECTION REVISION



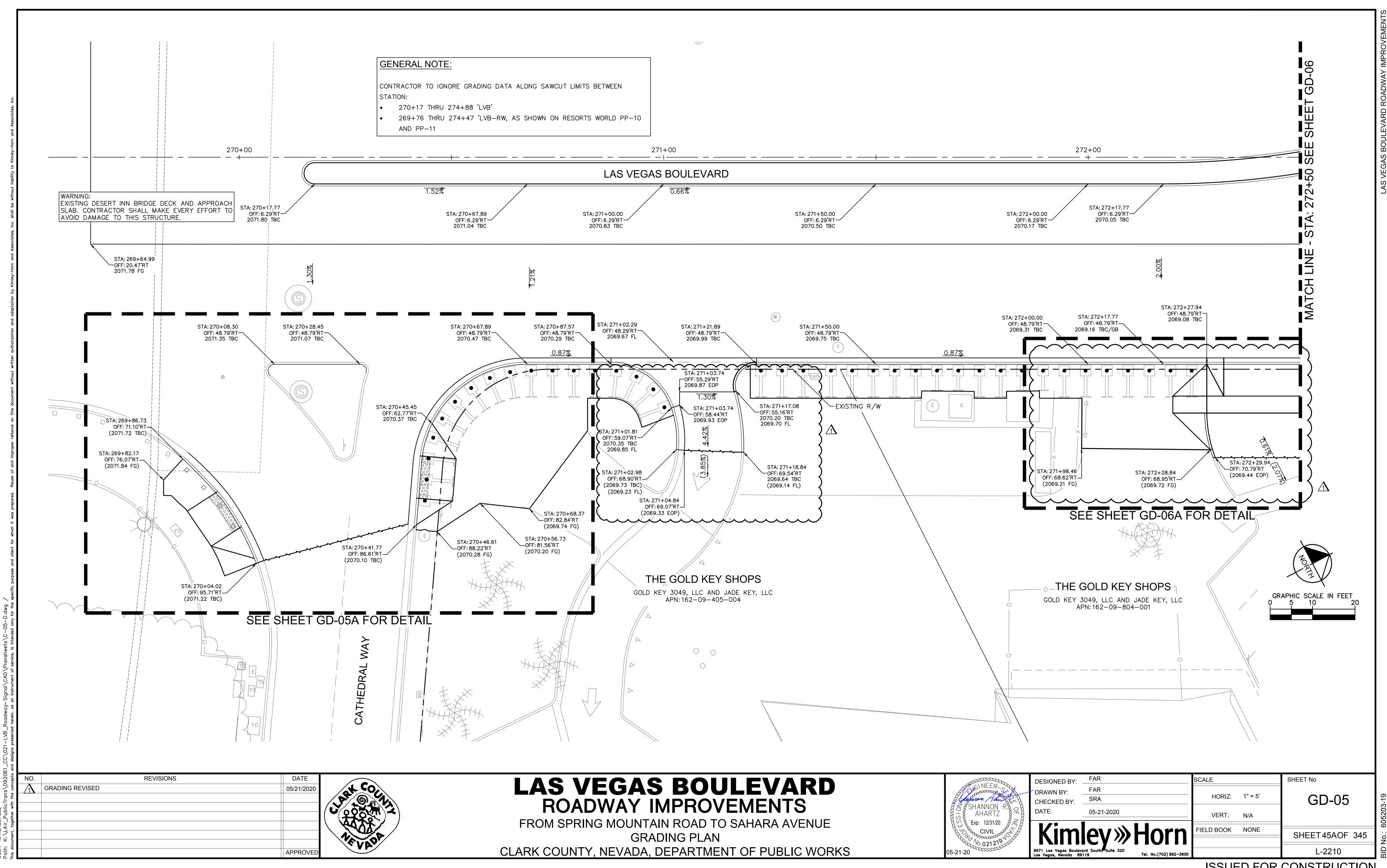
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

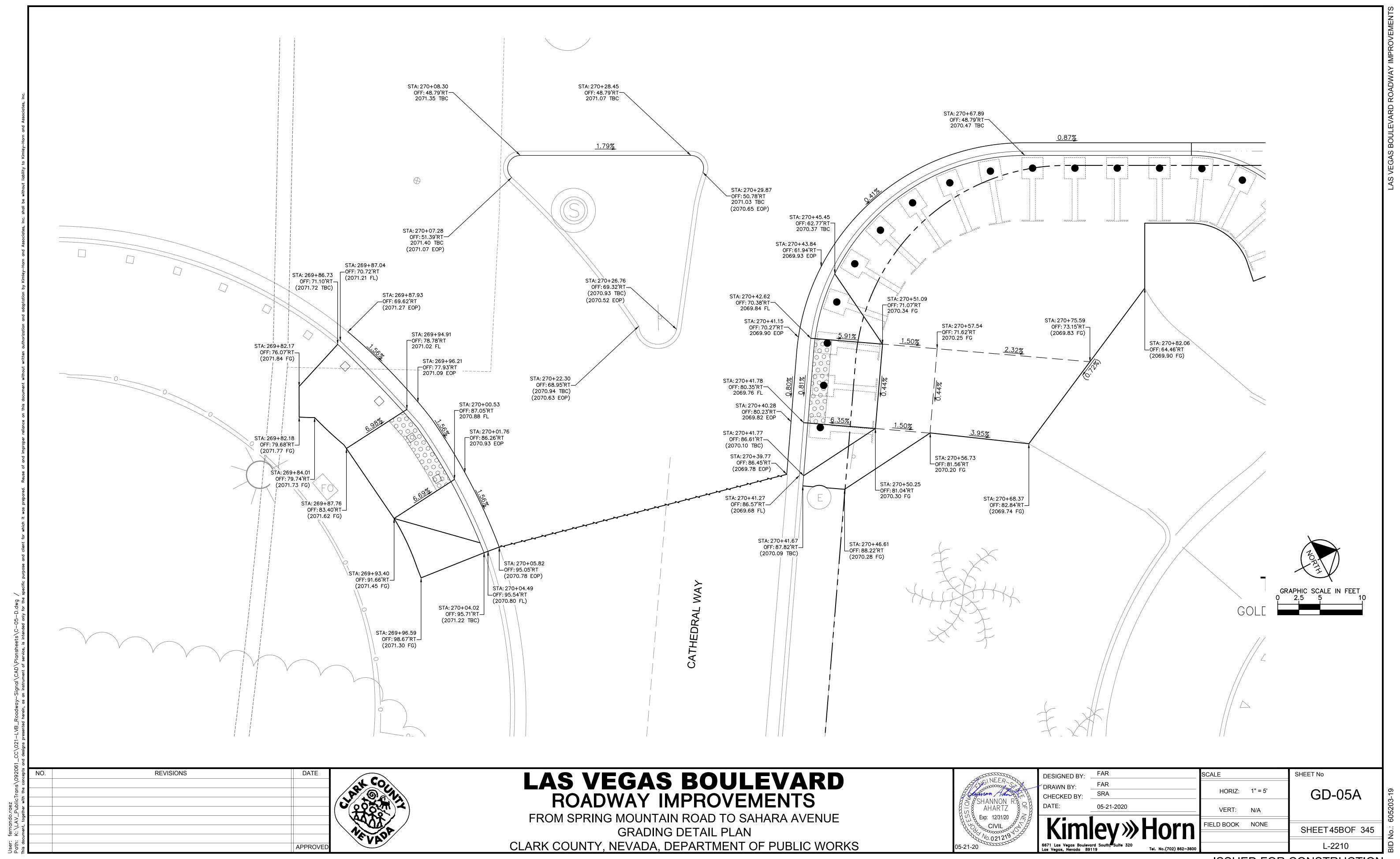
FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE INTERSECTION GRADING PLAN CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

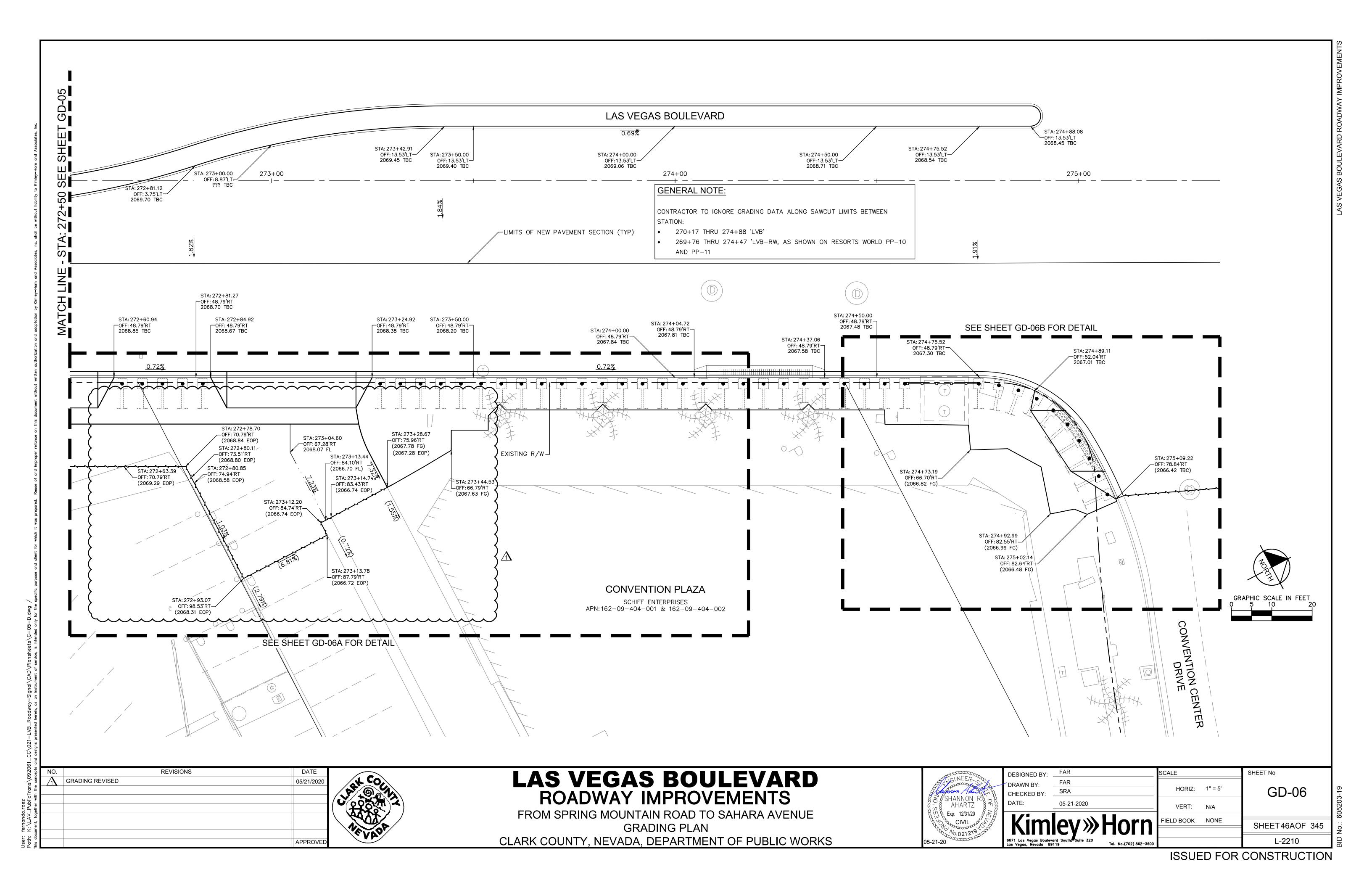
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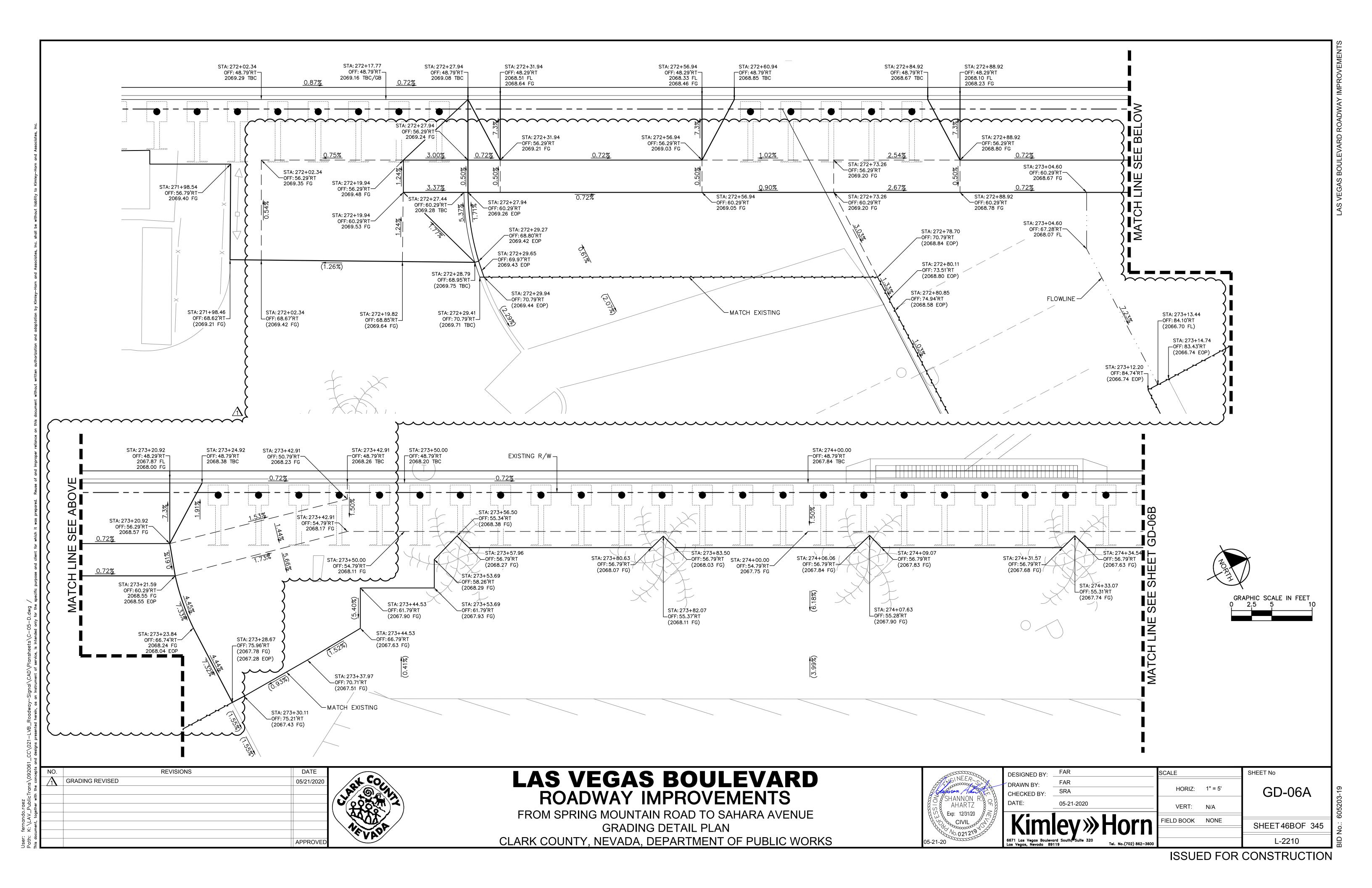
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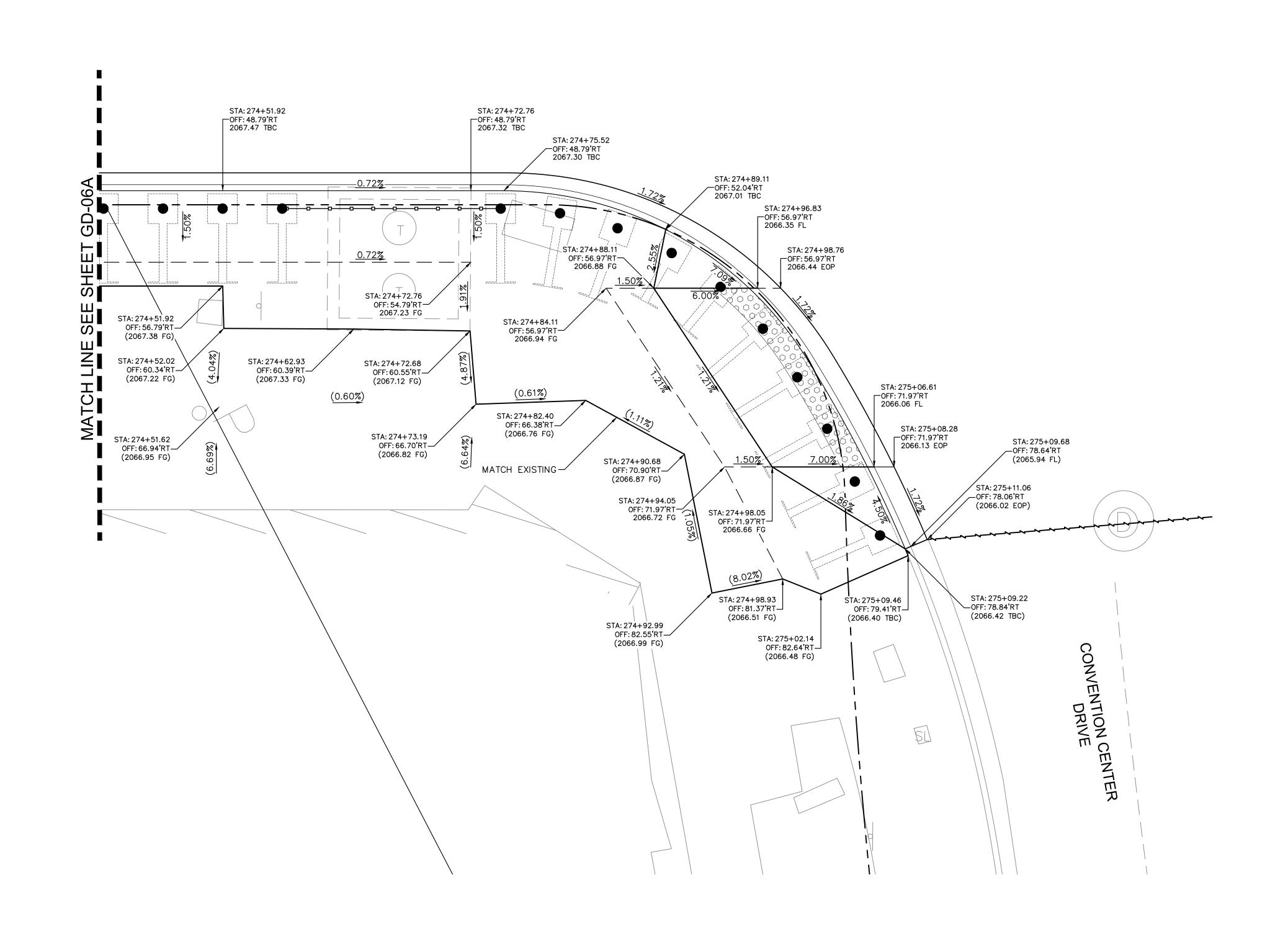
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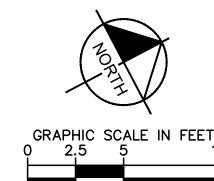




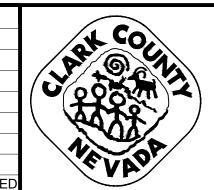








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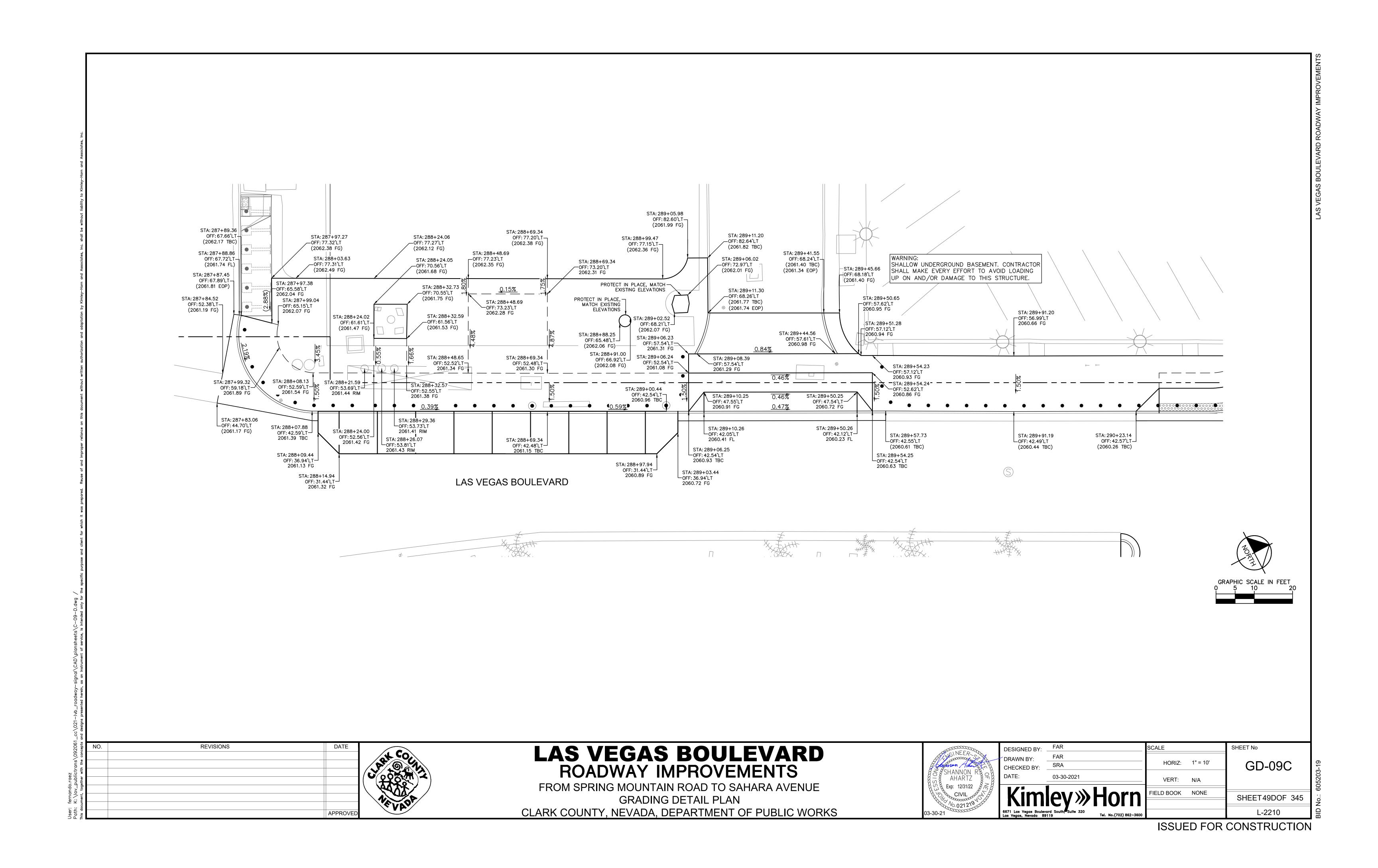
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

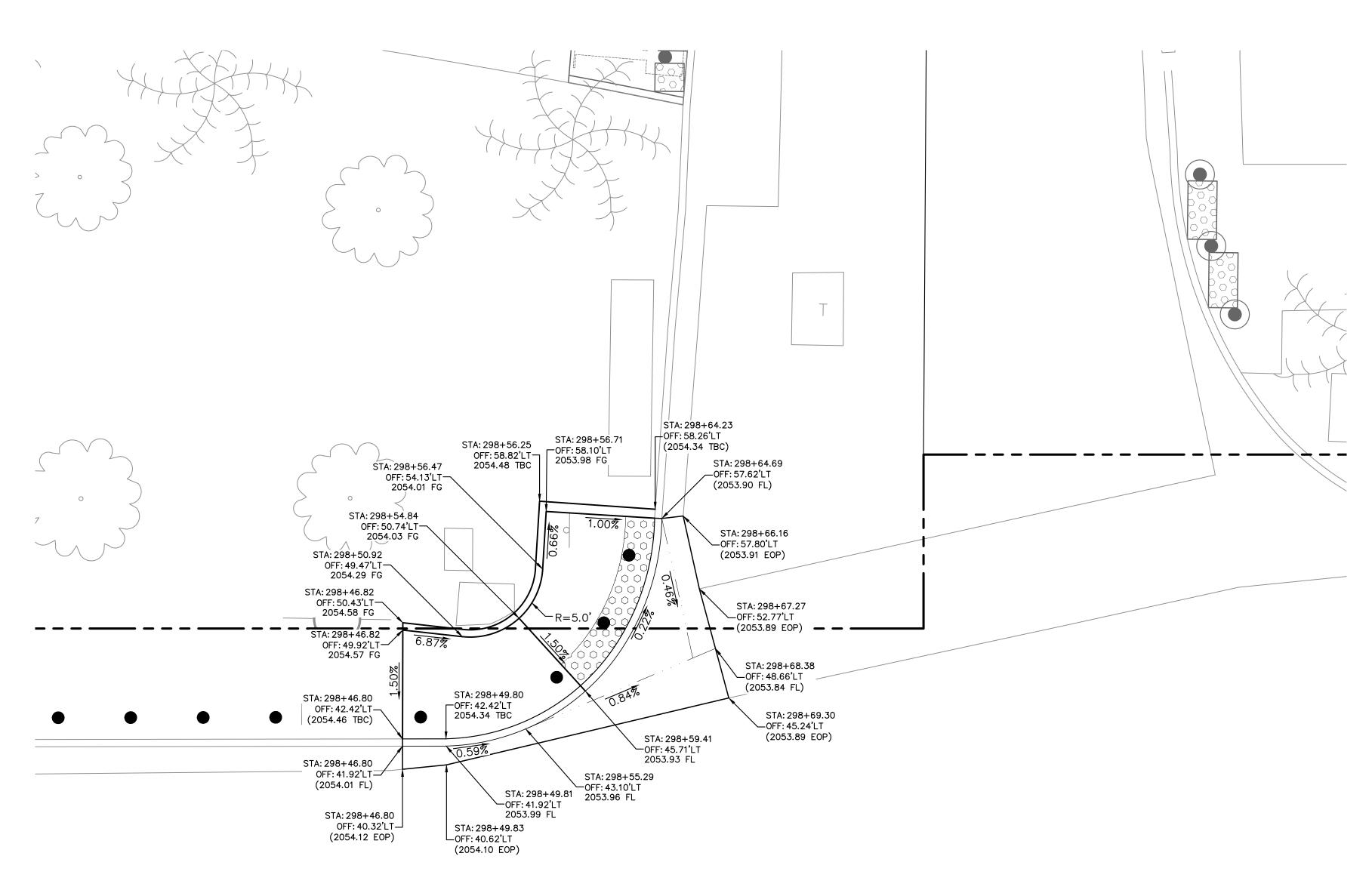
FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
GRADING DETAIL PLAN
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

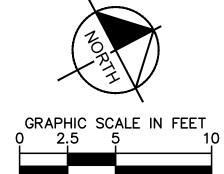
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LAS VEGAS BOULEVARD

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LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
GRADING DETAIL PLAN
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS

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6671 Las Vegas Boulevard South, Suite 320 Las Vegas, Nevada 89119 Tel. No.(702) 862–3600		
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SCALE	SHEET No
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FIELD BOOK NONE	SHEET51AOF 345
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