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LVVWD NOTES

PROJECT # 122907

- 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 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.
- 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.
- 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.
- A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
- ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
- ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
- ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
- ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2010 EDITION OF THE UDACS.
- 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.
- 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.
- 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.
- ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE LISTED ON THE LVVWD PRE-APPROVED MATERIAL AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
- TELEPHONE "CALL BEFORE YOU DIG" AT "811" OR 1-800-227-2600.
- 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 PLACEMENT OF A APPROPRIATELY SIZED ASPHALT REPAIR PATCH ON HE 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 HE 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.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services Manager
 Sheets I-2, RM-1 to RM-4, RD-1 to RD-4, DT-1, SD-1, SD-2
 Date _____ Project No. 122907

REV NO.	DATE	DESCRIPTION	APPROVED
10-08-2015		REVISED PER ADDENDUM #2	KG

GENERAL NOTES

- ALL CONSTRUCTION AND TRAFFIC SIGNAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA". THE MANUAL CAN BE FOUND HERE: [HTTP://RTCWVS.RTCVSNV.COM/MPO/STREETS/FILES/COMPLETESETS/DRAWINGS%20SET.PDF](http://rtcwvs.rtcsvnv.com/mpos/streets/files/completesets/drawings%20set.pdf)
- ALL CONSTRUCTION AND TRAFFIC SIGNAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", AND APPENDICES. THE MANUAL CAN BE FOUND HERE: [HTTP://RTCWVS.RTCVSNV.COM/MPO/STREETS/FILES/COMPLETESETS/SPECIFICATIONS%20SET.PDF](http://rtcwvs.rtcsvnv.com/mpos/streets/files/completesets/specifications%20set.pdf)
- PER SPECIAL PROVISIONS SECTION 637.03.03, PLEASE REFER TO THE "THE LAS VEGAS VALLEY CONSTRUCTION SITE BEST MANAGEMENT PRACTICES GUIDANCE MANUAL", SECTION 3.5.1 FOR THE STORMWATER MANAGEMENT NOTES AND APPENDIX B FOR THE VARIOUS REQUIRED CHECKLISTS. THE MANUAL CAN BE FOUND HERE: [HTTP://ACEQUIA.CCRFCD.ORG/PDF_ARCH1/NPDES/SSWGWEBDOCS/LV%20CONSTRUCTION%20SITE%20BMP%20GUIDANCE%20MANUAL_JAN%202009.PDF](http://acequia.ccrfcd.org/pdf_arch1/npdes/sswgwebdocs/lv%20construction%20site%20bmp%20guidance%20manual_jan%202009.pdf)
- ALL UTILITY LOCATIONS ON THESE PLANS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES LIKELY TO BE AFFECTED AND TO PROTECT IN PLACE. ALL UTILITIES SHOWN HEREIN, THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF SUSPECTED UTILITY INTERFERENCES, AND SHALL FURNISH INFORMATION ON THE SAME TO THE ENGINEER, NOT LESS THAN TEN (10) DAYS PRIOR TO THE ANTICIPATED IMPACT OF THESE SUSPECTED INTERFERENCES ON HIS WORK. IF CONFLICTS EXIST, THE CONTRACTOR WILL IMMEDIATELY CONTACT THE ENGINEER AND PROVIDE THE ENGINEER WITH ALL THE NECESSARY DATA SUCH AS ELEVATIONS, HORIZONTAL LOCATIONS, ETC., AND PROVIDE THE ENGINEER WITH SKETCHES INDICATING THE PROPOSED IMPROVEMENT AND THE UTILITY CONFLICT. THE ENGINEER WILL EXAMINE AND REVIEW ALL THE DATA AND SKETCHES PROVIDED, AND WILL PROVIDE THE CONTRACTOR WITH AN ALTERNATIVE DESIGN WITHIN FIVE (5) DAYS AFTER RECEIPT OF DATA AND SKETCHES.
- 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 THE NV ENERGY COMPANY, 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.
- CONTRACTOR SHALL CALL SOUTHWEST GAS AT 702-651-2111 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF ALL LAS VEGAS VALLEY WATER DISTRICT FACILITIES AND CLARK COUNTY WATER RECLAMATION DISTRICT MANHOLES TO FINISHED GRADE AS INDICATED ON THE PLANS OR IN THE SPECIAL PROVISIONS UNLESS OTHERWISE INDICATED.
- ALL SANITARY SEWER LINES SHOWN ON THESE PLANS ARE CLARK COUNTY WATER RECLAMATION DISTRICT PUBLIC LINES, UNLESS OTHERWISE NOTED. ALL CCWRD SANITARY SEWER LID ADJUSTMENTS SHALL BE PER DSCWCS SD-5 AND SECTION 630 OF THE PROJECT SPECIFICATIONS.
- 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.
- 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.
- 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 DAMAGES WILL BE ASSESSED AFTER TWENTY-FOUR (24) HOURS HAS ELAPSED FROM THE TIME OF BREAK OR DAMAGE TO COPPER WIRED INTERCONNECT CABLE AND \$7,500 PER DAY FOR DAMAGE TO FIBER OPTIC CABLE.
- ALL STORM DRAIN MANHOLE ACCESS COVERS SHALL HAVE A MINIMUM DIAMETER OF THIRTY (30") INCHES
- CONTRACTOR IS TO MAINTAIN AND KEEP OPERATIONAL ALL EXISTING ITS INFRASTRUCTURE WITHIN THE CONSTRUCTION LIMITS. IF ANY EXISTING ITS INFRASTRUCTURE IS DAMAGE DUE TO CONSTRUCTION, WITHIN THE PROJECT LIMITS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT MR. JESUS "CHUY" MARMOLEJO (RTC/FAST MANAGER TRAFFIC SYSTEMS MAINTENANCE) AT 702-604-7078.

CCWRD NOTES

- NO NEW SEWER - AT TIME OF CCWRD SIGNATURE
- WHERE NEWLY CONSTRUCTED STORM DRAINS AND/OR WATER LINES ARE TO CROSS OVER EXISTING SANITARY SEWER LINES, CCWRD INSPECTOR MUST BE PRESENT WHEN SEWER IS EXPOSED AND WHEN PIPE BEDDING MATERIAL IS BEING COMPACTED OVER THE SEWER. AFTER NEW STORM DRAIN AND/OR WATER LINE IS COMPLETED, CONTRACTOR SHALL GIVE 24-HOUR ADVANCE NOTICE TO CCWRD INSPECTOR FOR CCTV INSPECTION. CONTRACTOR SHALL PERFORM, AT THEIR OWN COST, PACP-COMPLIANT CCTV INSPECTION OF THE EXISTING SEWER IN AREAS UNDER NEW STORM DRAINS. CCWRD INSPECTIONS CAN BE REACHED AT 702-622-2867 OR 702-668-8205.
 - ALL OTHER PROVISIONS AND GENERAL NOTES OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, 3RD EDITION, 2009 APPLY. THEY CAN BE DOWNLOADED FROM WWW.CLEANWATERTEAM.COM
- DSCWCS '09;
- 2.2.10 MANHOLE AND MANHOLE APPURTENANCES
- d. ADDITIONAL REQUIREMENTS FOR PRE-CAST CONCRETE GRADE RINGS:

GRADE RINGS SHALL CONFORM TO 4.9.1 AND SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWING SD-5. A MINIMUM OF ONE AND A MAXIMUM OF TWO GRADE RINGS SHALL BE USED FOR EACH MANHOLE. THE TOTAL DISTANCE FROM THE TOP OF THE MANHOLE CONE TO THE TOP OF THE MANHOLE FRAME AFTER FINAL PAVING SHALL NOT EXCEED EIGHTEEN INCHES INCLUDING GRADE RINGS, JOINTS BETWEEN THE CONE/GRADE RINGS/FRAME, AND THE HEIGHT OF THE MANHOLE FRAME.

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

SIGNATURE _____ DATE _____

CONTROL NUMBER 9147.14

THE APPROVAL OF THESE DRAWINGS DOES NOT GUARANTEE CAPACITY IN THE DISTRICT'S COLLECTION OR TREATMENT SYSTEM.

MANHOLE #	EX RIM	PROP RIM	NOTE
#R02-02	(2069.4z)	2069.4z	ADJUST TO GRADE
#R02-01	(2068.8z)	2068.8z	ADJUST TO GRADE
#R02-03	(2068.5z)	2068.8z	ADJUST TO GRADE
#R02-04	(2067.4z)	2067.4z	ADJUST TO GRADE
#R02-05	(2068.2z)	2068.4z	ADJUST TO GRADE
#R02-06	(2065.8z)	2065.8z	ADJUST TO GRADE
CCT16	(2065.6z)	2065.7z	ADJUST TO GRADE
#R02-07	(2064.9z)	2064.9z	ADJUST TO GRADE
#R02-07C	(2064.6z)	2064.6z	ADJUST TO GRADE
#R02-09	(2063.3z)	2063.2z	ADJUST TO GRADE
#R02-09A	(2063.2z)	2063.2z	ADJUST TO GRADE
#R02-10	(2062.9z)	2062.9z	ADJUST TO GRADE
#R02-11	(2061.2z)	2061.2z	ADJUST TO GRADE
#R02-12	(2058.0z)	2058.1z	ADJUST TO GRADE
#R02-13	(2058.0z)	2058.0z	ADJUST TO GRADE

LEGEND

- (A) (1) (diamond) REMOVAL ITEM, CONSTRUCTION ITEM, TRAFFIC ITEM
- CENTERLINE WSTATION
- RIGHT-OF-WAY LINE
- PROPERTY LINE
- EXISTING/PROPOSED STREETLIGHT
- EXISTING/PROPOSED DROP INLET
- EXISTING/PROPOSED CURB & GUTTER
- EXISTING SEWER MANHOLE
- EXISTING PULLBOX
- EXISTING WATER VALVE
- EXISTING GAS VALVE
- EXISTING/PROPOSED EDGE OF PAVEMENT
- EXISTING/PROPOSED DRIVEWAY
- EXISTING BLOCKWALL/FENCE
- EXISTING/PROPOSED ELEVATION
- EXISTING TELEPHONE AND/OR POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING/PROPOSED SERVICE PEDESTAL
- EXISTING/PROPOSED SIDEWALK RAMP

NV ENERGY REVIEW

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

APPROVAL:

NV Energy _____ Date _____

ABBREVIATIONS

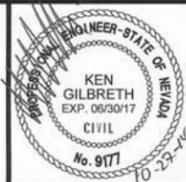
AC	ASPHALTIC CONCRETE
ACP	ASBESTOS CEMENT PIPE
AGG	AGGREGATE
AP	ANGLE POINT
BC	BACK OF CURB
BCR	BACK OF CURB RETURN
CATV	CABLE TELEVISION
CC	CLARK COUNTY
C&G	CURB AND GUTTER
CG	CROSS GUTTER
CL	CENTERLINE
CLINK	CENTURYLINK
CLSM	CONTROLLED LOW STRENGTH MATERIAL
COMM DWY	COMMERCIAL DRIVEWAY
CONC	CONCRETE
CONST	CONSTRUCTION OR CONSTRUCT
DSCWCS	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS
DI	DROP INLET
DIA	DIAMETER
DWG	DRAWING
DRWY	DRIVEWAY
EG	EXISTING GROUND
EL	ELEVATION
ELEC	ELECTRIC
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EX / EXIST	EXISTING
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FO	FIBER OPTIC
GB	GRADE BREAK
H	HEIGHT
HORIZ	HORIZONTAL
HP	HIGH PRESSURE
HPS	HIGH PRESSURE SODIUM
INV	INVERT
IRWL	IN-ROADWAY WARNING LIGHT
ITS	INTELLIGENT TRANSPORTATION SYSTEM
L	LENGTH
LAT	LATERAL
LF	LINEAR FEET
LT	LEFT
LVVWD	LAS VEGAS VALLEY WATER DISTRICT
MH	MANHOLE
MIN	MINIMUM
MTR	METER
NDOT	NEVADA DEPARTMENT OF TRANSPORTATION
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OH	OVERHEAD
OHE	OVERHEAD ELECTRIC
PB	PULL BOX
PBS	PLANTMIX BITUMINOUS SURFACE
PC	POINT OF CURVATURE
PE	POLYETHYLENE
PED	PEDESTRIAN
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
PT	POINT OF TANGENCY
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
R	RADIUS
RPPA	REDUCED PRESSURE PRINCIPLE ASSEMBLY
RT	RIGHT
RTW or ROW	RIGHT OF WAY
SD	STORM DRAIN
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
STL	STEEL
STLT	STREET LIGHT
SW	SIDEWALK
SWG	SOUTHWEST GAS
TAN	TANGENT
TBC	TOP BACK CURB
TC	TOP OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TDC	TOP OF DEPRESSED CURB
TELE	TELEPHONE
TRANS	TRANSITION
TS	TRAFFIC SIGNAL
TSW	TOP OF SIDEWALK
(TYP)	TYPICAL
UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS
UG	UNDERGROUND
UGE	UNDERGROUND ELECTRIC
UGT	UNDERGROUND TELEPHONE
USOCCA	UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
UTACS	ULTRA THIN ASPHALT CONCRETE SURFACE
VERT	VERTICAL
VG	VALLEY GUTTER/ CONC CROSS GUTTER
VLV	VALVE
W	WITH
WM	WATER METER
WV	WATER VALVE
WTR	WATER



CIRCUS CIRCUS DRIVE FROM INDUSTRIAL RD TO LAS VEGAS BLVD

INDEX OF SHEETS, GENERAL NOTES, UTILITY NOTES, ABBREVIATIONS & LEGEND

CLARK COUNTY, NEVADA DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: L. WILCOX
 DRAWN BY: F. PAULLO
 CHECKED BY: J. GRIEST
 DATE: October 2015

CH2MHILL
 2485 VILLAGE VIEW DRIVE, SUITE 350
 HENDERSON, NEVADA 89074
 PHONE 702-369-6175, FAX 702-369-1107

SCALE	L-2041
HORIZ: NONE	DRAWING NO.
VERT: NONE	1-2
FIELD BOOK	SHT: 2 OF 24
WORK ORDER	
PROJECT No. 478136	

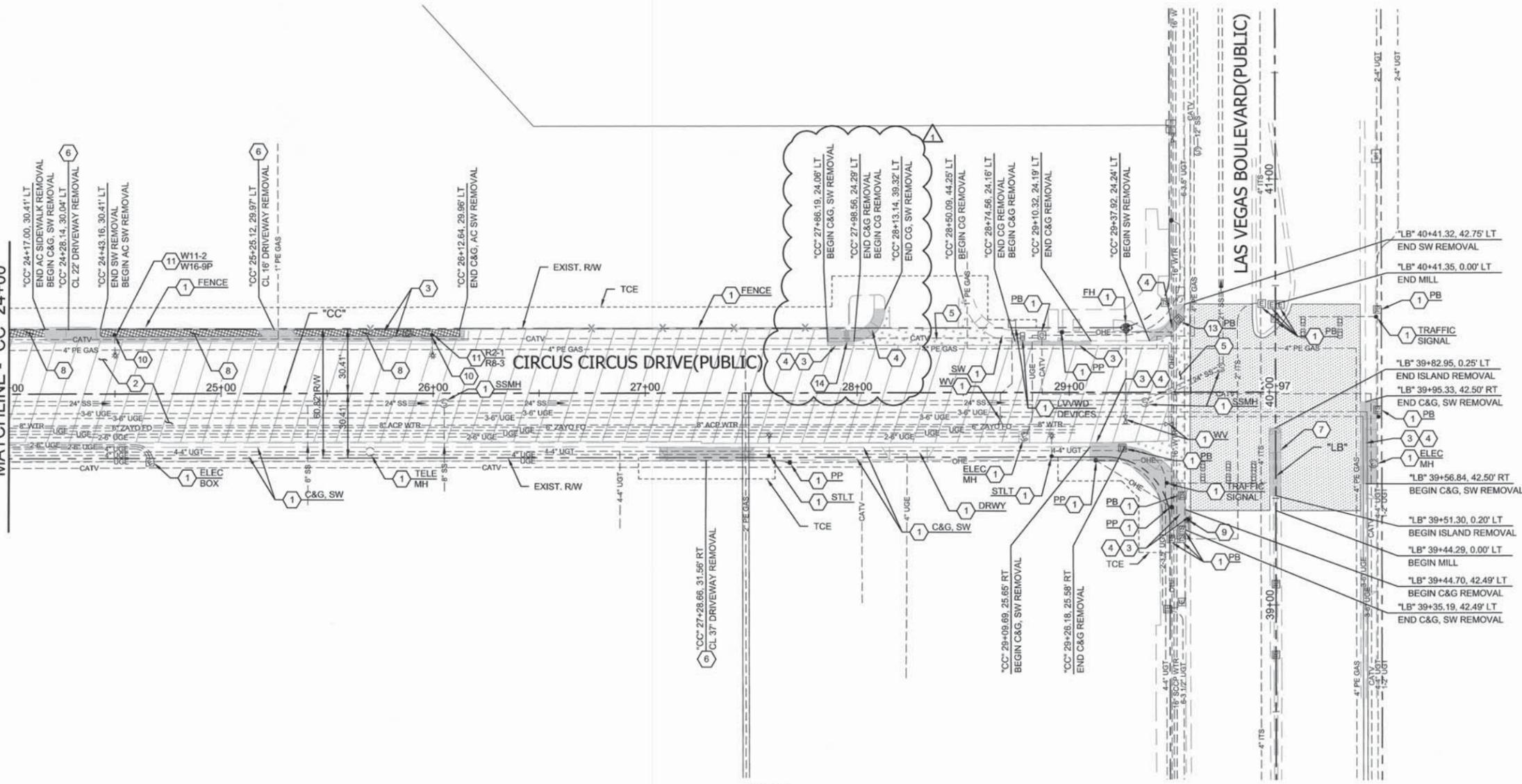
CIRCUS CIRCUS DRIVE FROM INDUSTRIAL RD TO LAS VEGAS BLVD



- LEGEND:**
- LIMITS OF AC PAVEMENT REMOVAL
 - LIMITS OF SW, SW RAMP, ISLAND, C&G AND DRWY REMOVAL
 - LIMITS OF CROSS GUTTER REMOVAL
 - LIMITS OF AC SIDEWALK REMOVAL
 - LIMITS OF MILL 3/4" OPEN GRADE

- REMOVAL NOTES:**
- 1 PROTECT IN PLACE
 - 2 REMOVE EXISTING ASPHALT
 - 3 REMOVE EXISTING CURB & GUTTER
 - 4 REMOVE EXISTING CONCRETE SIDEWALK/ SIDEWALK RAMP
 - 5 REMOVE EXISTING CROSS GUTTER
 - 6 REMOVE EXISTING DRIVEWAY
 - 7 REMOVE EXISTING MEDIAN ISLAND
 - 8 REMOVE EXISTING AC SIDEWALK
 - 9 REMOVE EXISTING DROP INLET
 - 10 REMOVE EXISTING STREET LIGHT ASSEMBLY AND FOUNDATION
 - 11 REMOVE SIGN
 - 13 REMOVE AND RELOCATE TRAFFIC SIGNAL PULLBOX OUTSIDE OF HC
 - 14 REMOVE EXISTING SIDEWALK DRAIN

SEE SHEET RM-3
MATCHLINE - "CC" 24+00



- NOTES:**
1. SEE SHEET TY-1 FOR TYPICAL SECTIONS.
 2. SEE SHEET RD-1 TO RD-4 FOR ROADWAY PLANS.
 3. SEE SHEET DT-1 TO DT-3 FOR DETAIL PLANS.
 4. SEE SHEET SD-1 & SD-2 FOR STORM DRAIN PLANS AND PROFILES.
 5. SEE SHEET ST-1 & ST-2 FOR SIGNING AND STRIPING PLANS.
 6. WHEN ADJUSTING MANHOLE, THE CONTRACTOR SHALL INSTALL PLYWOOD COVERS IN SANITARY SEWER MANHOLE INVERTS AS WELL AS STEEL PLATE COVERS OVER MANHOLES (AFTER MANHOLE RINGS/FRAMES ARE REMOVED) TO PREVENT DEBRIS FROM ENTERING SEWER MANHOLES AND CORRESPONDING LINES. DEBRIS IN THE MANHOLES SHALL BE REMOVED PRIOR TO PLYWOOD REMOVAL. PLYWOOD AND STEEL COVERS FOR MANHOLES SHALL BE INSTALLED AND REMOVED IN THE PRESENCE OF A CCWRD INSPECTOR. ALL DEBRIS DROPPED INTO THE SEWER MANHOLES AND CORRESPONDING LINES SHALL BE RETRIEVED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL CLEAN (e.g. JET VAC OR EQUIVALENT) THE DEBRIS OUT OF THE AFFECTED MANHOLES AND/OR SEWER LINES IN THE PRESENCE OF THE CCWRD INSPECTOR AND APPROVED BY THE CONSTRUCTION MANAGER.
 7. MANHOLE ADJUSTMENTS SHALL BE PER DCSWCS, LATEST EDITION, PER SD4 AND SD5. IF CORROSION PROTECTION EXISTS ON MANHOLE CONCRETE SURFACES, CONTRACTOR SHALL PREPARE SURFACE AND REAPPLY IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. CCWRD INSPECTOR SHALL BE PRESENT DURING THE WORK, AT AGENCY DISCRETION. CONTRACTOR SHALL COORDINATE A MINIMUM OF 24 HOURS IN ADVANCE OF THE WORK.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services Manager
Date _____ Project No. 122907

APPROVED FOR CONSTRUCTION

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

Clark County Water Reclamation District
CCWRD CONTROL NUMBER IS: 9147.14

ALL EXISTING UTILITIES ARE TO BE PROTECTED IN-PLACE UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATION BOTH HORIZONTALLY & VERTICALLY PRIOR TO COMMENCEMENT OF CONSTRUCTION



Call before you Overhead
1-702-227-2929

AVOID OVERHEAD POWER LINE CONTACT. IT'S COSTLY.
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

NE ENERGY ENVIRONMENT AND SAFETY SERVICES DEPARTMENT



REV No.	DATE	DESCRIPTION	APPROVED
1	10-08-2015	REVISED PER ADDENDUM #2	KG



CIRCUS CIRCUS DRIVE FROM INDUSTRIAL RD TO LAS VEGAS BLVD
REMOVAL PLAN
"CC" 24+00 TO "CC" 29+97
CLARK COUNTY, NEVADA DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: L. WILCOX
DRAWN BY: F. PAULLO
CHECKED BY: J. GRIEST
DATE: October 2015

CH2MHILL
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE 702-369-6175, FAX 702-369-1107

SCALE
HORIZ: 1"=30'
VERT: NONE

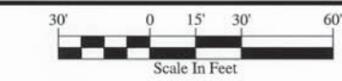
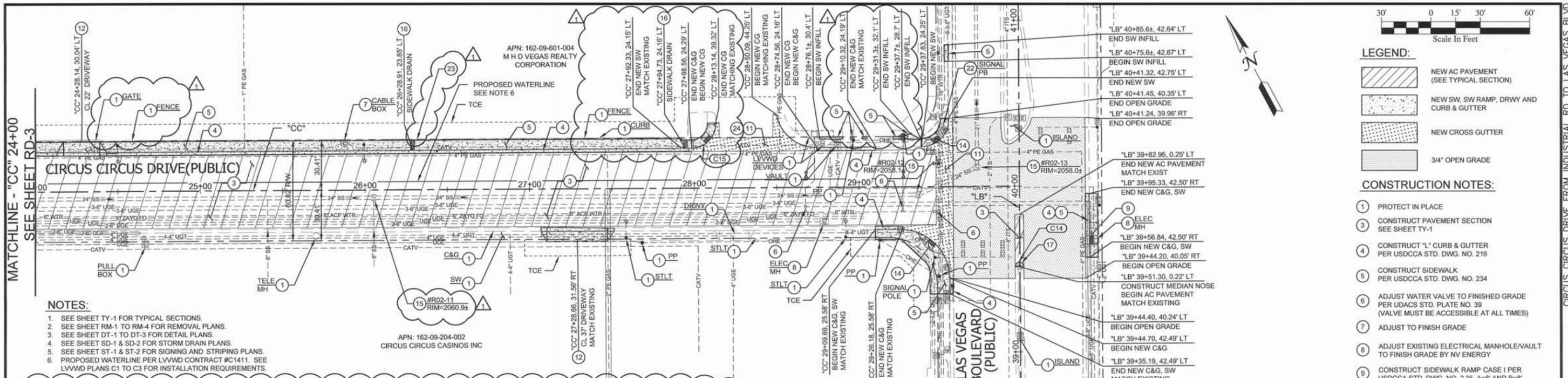
FIELD BOOK
WORK ORDER

PROJECT No. 478136

L-2041

DRAWING NO.
RM-4

SHT: 8 OF 24



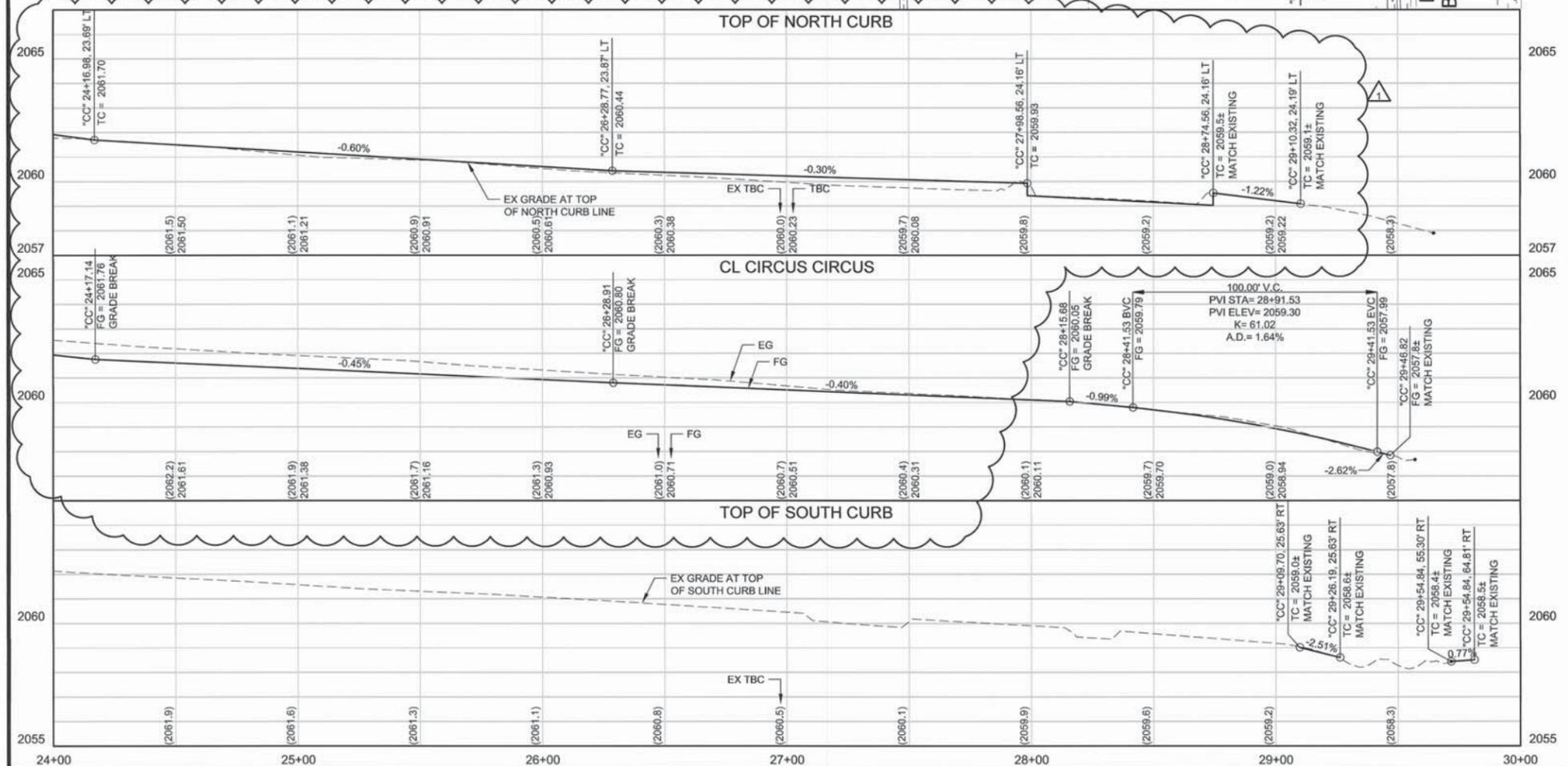
- LEGEND:**
- NEW AC PAVEMENT (SEE TYPICAL SECTION)
 - NEW SW, SW RAMP, DRWY AND CURB & GUTTER
 - NEW CROSS GUTTER
 - 3/4" OPEN GRADE

- CONSTRUCTION NOTES:**
- 1 PROTECT IN PLACE
 - 3 CONSTRUCT PAVEMENT SECTION SEE SHEET TY-1
 - 4 CONSTRUCT "L" CURB & GUTTER PER USDDCA STD. DWG. NO. 216
 - 5 CONSTRUCT SIDEWALK PER USDDCA STD. DWG. NO. 234
 - 6 ADJUST WATER VALVE TO FINISHED GRADE PER UDACS STD. PLATE NO. 39 (VALVE MUST BE ACCESSIBLE AT ALL TIMES)
 - 7 ADJUST TO FINISH GRADE
 - 8 ADJUST EXISTING ELECTRICAL MANHOLE/VAULT TO FINISH GRADE BY NV ENERGY
 - 9 CONSTRUCT SIDEWALK RAMP CASE I PER USDDCA STD. DWG. NO. 235, A=8" AND B=8"
 - 11 CONSTRUCT CROSS GUTTER PER USDDCA STD. DWG. NO. 228
 - 12 CONSTRUCT COMMERCIAL AND INDUSTRIAL DRIVEWAY PER USDDCA STD. DWG. NO. 224
 - 14 CONSTRUCT SIDEWALK RAMP CASE II PER USDDCA STD. DWG. NO. 235, A=8" AND B=8"
 - 15 ADJUST SSMH TO FINISH GRADE PER DCSWCS '09, 2.2.10.d, SD-4, AND SD-5
 - 16 CONSTRUCT SIDEWALK DRAIN PER USDDCA STD. DWG. NO. 236
 - 17 CONSTRUCT MEDIAN NOSE PER NDOT STD. DWG. R-5.2.3
 - 22 REMOVE AND RELOCATE TRAFFIC SIGNAL PULLBOX OUTSIDE OF HC
 - 23 REMOVE AND RESET EX FENCE AS NECESSARY TO CONSTRUCT NEW IMPROVEMENTS. SLEEVE RUSTED POSTS IN NEW FOOTINGS IF REQUIRED.
 - 24 CROSS GUTTER TO MATCH EXISTING PARKING LOT AC. MODIFY FLOWLINE DEPTH ACCORDINGLY.

- NOTES:**
1. SEE SHEET TY-1 FOR TYPICAL SECTIONS.
 2. SEE SHEET RM-1 TO RM-4 FOR REMOVAL PLANS.
 3. SEE SHEET DT-1 TO DT-3 FOR DETAIL PLANS.
 4. SEE SHEET SD-1 & SD-2 FOR STORM DRAIN PLANS.
 5. SEE SHEET ST-1 & ST-2 FOR SIGNING AND STRIPING PLANS.
 6. PROPOSED WATERLINE PER LVVWD CONTRACT #C1411. SEE LVVWD PLANS C1 TO C3 FOR INSTALLATION REQUIREMENTS.

CURVE TABLE

CURVE NO	LENGTH	RADIUS	DELTA	TANGENT
C14	8.37'	2.67'	180°00'00"	INFINITY'
C15	23.38'	14.86'	090°09'44"	14.90'



ALL EXISTING UTILITIES ARE TO BE PROTECTED IN-PLACE UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS BOTH HORIZONTALLY & VERTICALLY PRIOR TO COMMENCEMENT OF CONSTRUCTION

APPROVED FOR CONSTRUCTION
 SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS OR DESIGN AND CONSTRUCTION STANDARDS.
 Clark County Water Reclamation District
 CCWRD CONTROL NUMBER IS: 9147.14

APPROVED FOR CONSTRUCTION
 Las Vegas Valley Water District Engineering Services Manager
 Date _____ Project No. 122907

FAST
 Call before you UnderGround
 1-702-432-5300
 FRESHWAY AND ARTERIAL SYSTEMS OF TRANSPORTATION

Call before you Overhead
 1-702-227-2929
 NV ENERGY ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

Call before you Dig
 AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.
 811

REV NO.	DATE	DESCRIPTION	APPROVED
10-08-2015	REVISOR PER ADDENDUM #2	KG	



CIRCUS CIRCUS DRIVE FROM INDUSTRIAL RD TO LAS VEGAS BLVD
 ROADWAY PLAN
 "CC" 24+00 TO "CC" 29+97
 CLARK COUNTY, NEVADA DEPARTMENT OF PUBLIC WORKS



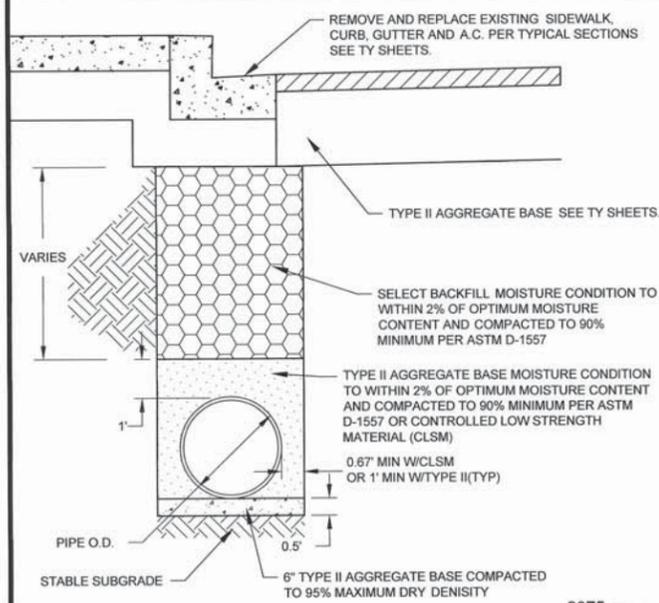
DESIGNED BY: L. WILCOX
 DRAWN BY: F. PAULLO
 CHECKED BY: J. GRIEST
 DATE: October 2015

CH2MHILL
 2485 VILLAGE VIEW DRIVE, SUITE 350
 HENDERSON, NEVADA 89074
 PHONE 702-369-6175, FAX 702-369-1107

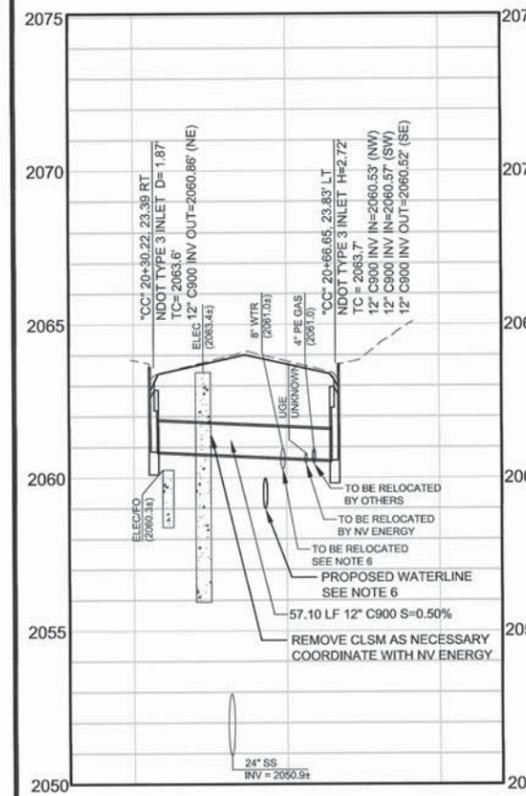
SCALE	DRAWING NO.
HORIZ: 1" = 30'	L-2041
VERT: 1" = 3'	DRAWING NO.
FIELD BOOK	RD-4
WORK ORDER	SHT: 12 OF 24
PROJECT No. 478136	

CIRCUS CIRCUS DRIVE FROM INDUSTRIAL RD TO LAS VEGAS BLVD

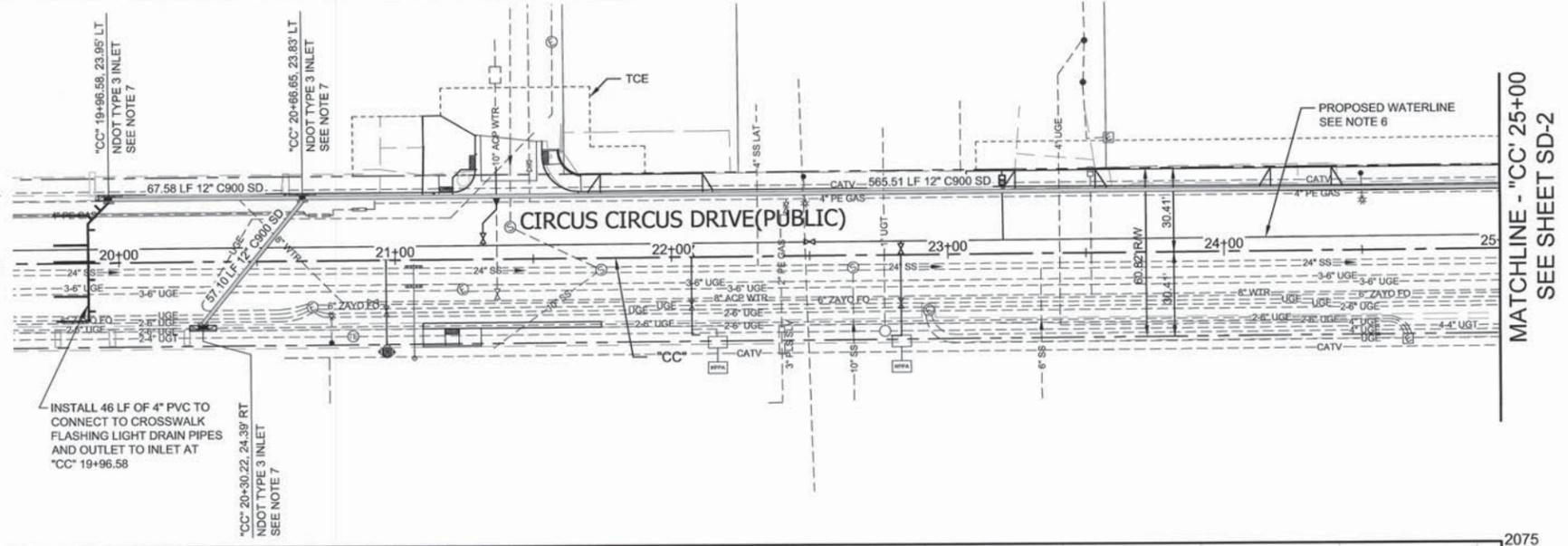
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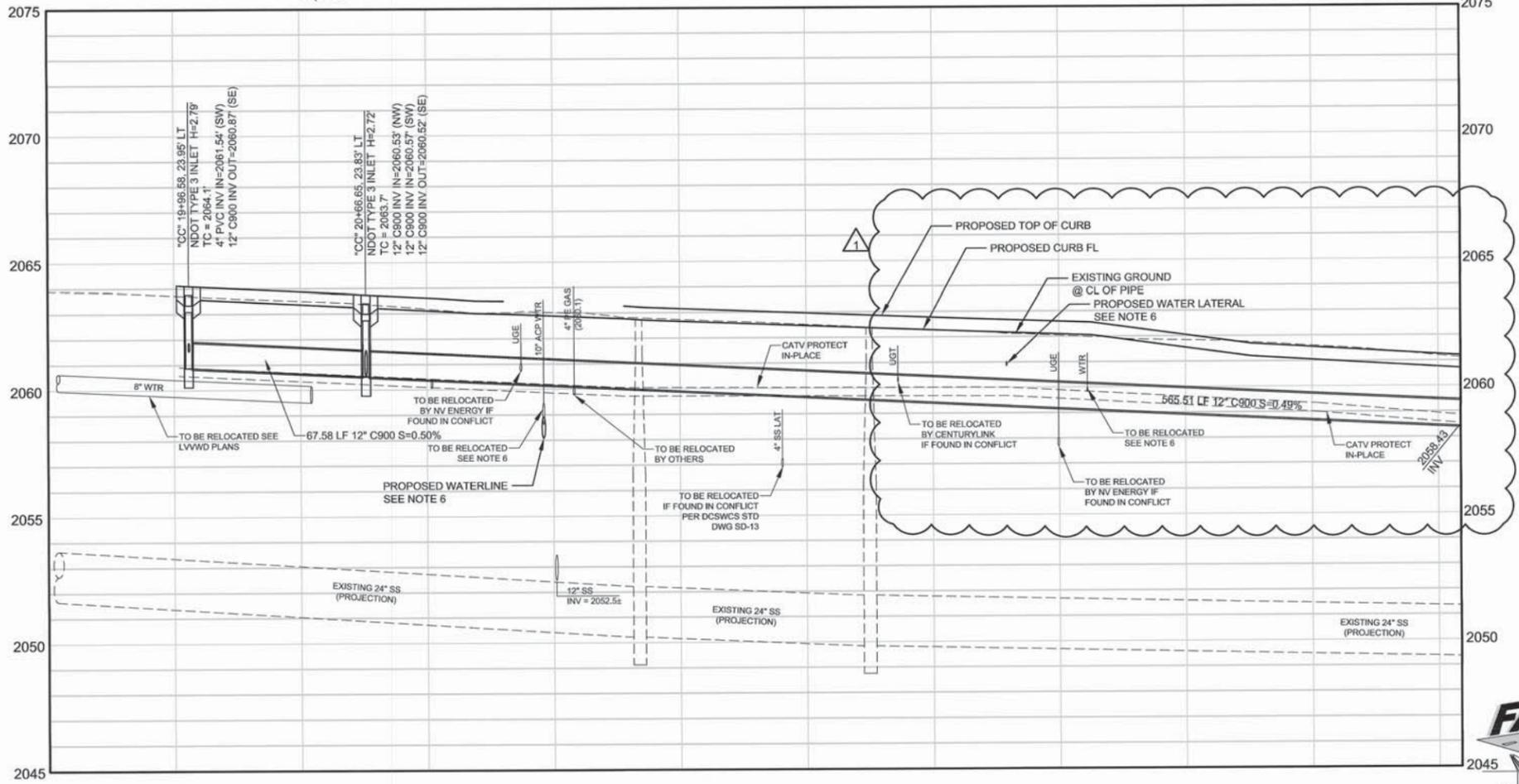
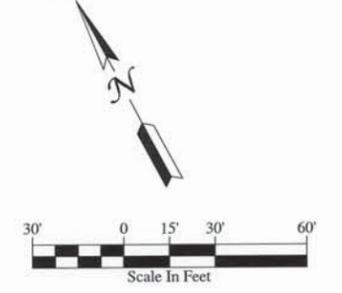
TYPICAL STORM DRAIN PIPE TRENCH SECTION
NOT TO SCALE



STORM DRAIN LATERAL



MATCHLINE - "CC" 25+00
SEE SHEET SD-2



- NOTES:
- SEE SHEETS TY-1 FOR TYPICAL SECTION PLANS.
 - SEE SHEETS RM-1 TO RM-4 FOR REMOVAL PLANS.
 - SEE SHEET RD-1 TO RD-4 FOR ROADWAY PLANS.
 - SEE SHEETS DT-1 TO DT-3 FOR DETAIL PLANS.
 - SEE SHEETS ST-1 & ST-2 FOR SIGNING AND STRIPING PLANS.
 - PROPOSED WATERLINE PER LVVWD CONTRACT #C1411. SEE LVVWD PLANS FOR INSTALLATION REQUIREMENTS.
 - CONSTRUCT NDOT TYPE 3 DROP INLET PER NDOT STD. DWG. R-4.2.3
 - SEE THIS SHEET FOR TYPICAL STORM DRAIN PIPE TRENCH SECTION.

APPROVED FOR CONSTRUCTION
Las Vegas Valley Water District Engineering Services Manager
Date _____ Project No. 122907

APPROVED FOR CONSTRUCTION
SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS OR DESIGN AND CONSTRUCTION STANDARDS.
Clark County Water Reclamation District
CCWRD CONTROL NUMBER IS: 9147.14 Date _____

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FAST
Call before you UnderGround
1-702-432-5300
FREWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Avoid overhead power line contact. IT'S COSTLY.
Call before you Overhead
1-702-227-2929
NV ENERGY ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

Call before you Dig
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call 811

8				
7				
6				
5				
4				
3				
2				
1	10-08-2015	REVISED PER ADDENDUM #2	KG	
REV No.	DATE	DESCRIPTION	APPROVED	



CIRCUS CIRCUS DRIVE FROM INDUSTRIAL RD TO LAS VEGAS BLVD
STORM DRAIN PLAN AND PROFILE
"CC" 19+96 TO "CC" 25+00
CLARK COUNTY, NEVADA DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: L. WILCOX
DRAWN BY: F. PAULLO
CHECKED BY: J. GRIEST
DATE: October 2015
CH2MHILL
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE 702-369-6175, FAX 702-369-1107

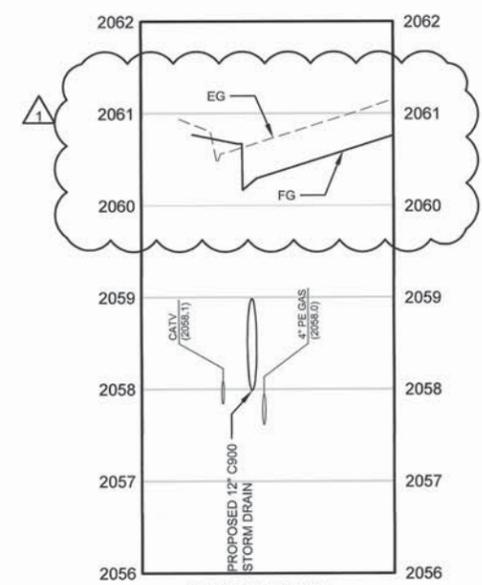
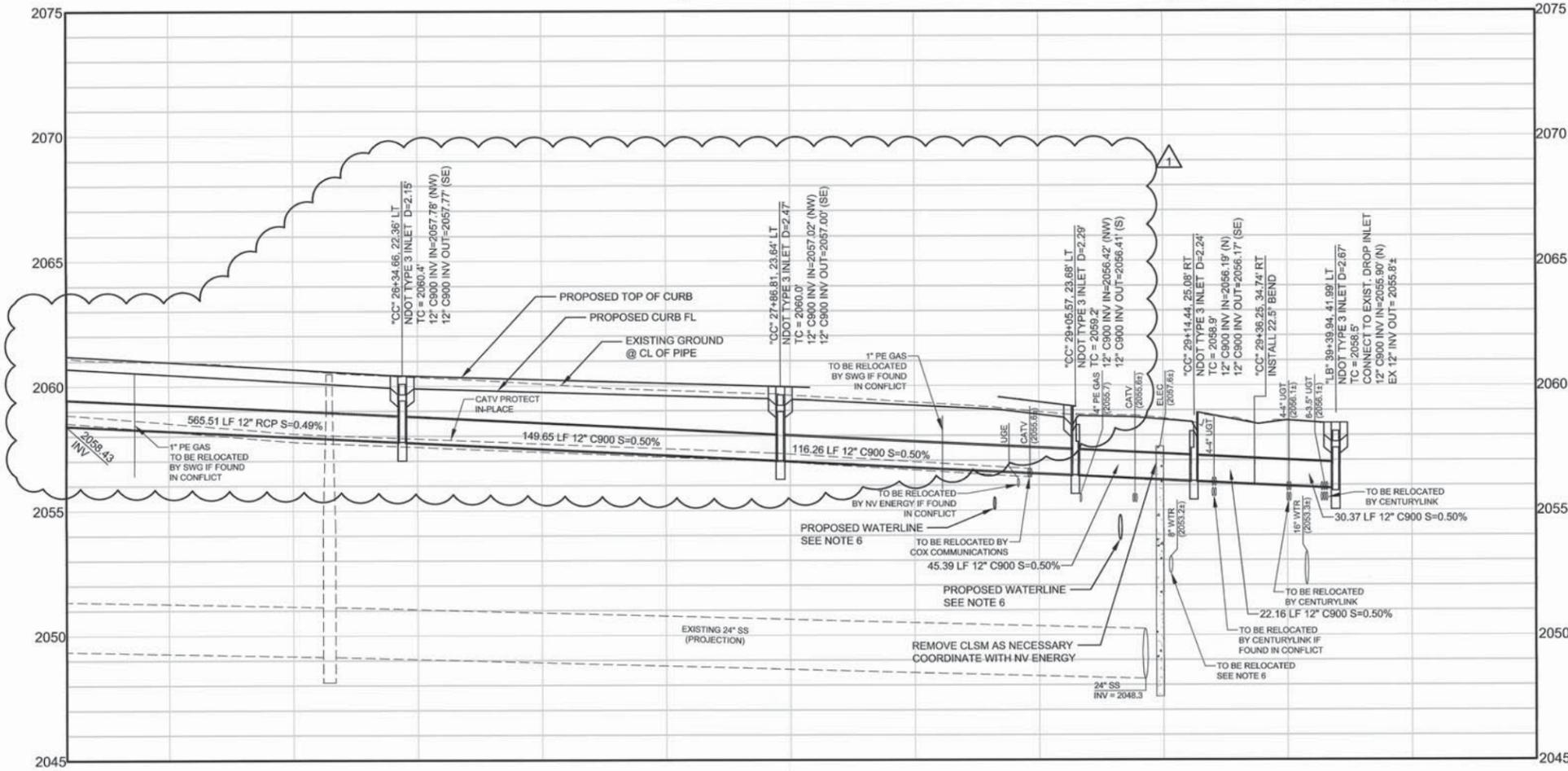
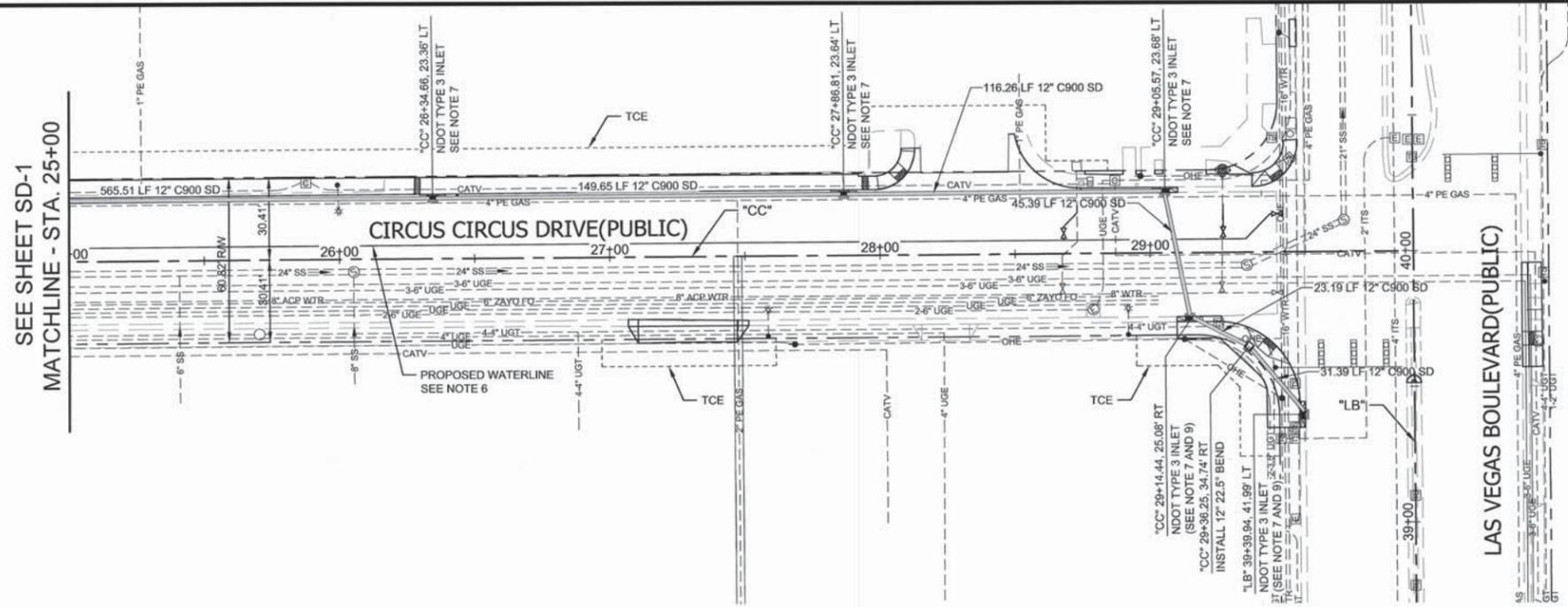
SCALE
HORIZ: 1"=30'
VERT: 1"=3'
FIELD BOOK
WORK ORDER
PROJECT No. 478136

L-2041
DRAWING NO.
SD-1
SHT: 16 OF 24

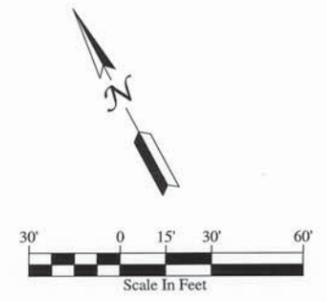
CIRCUS CIRCUS DRIVE FROM INDUSTRIAL RD TO LAS VEGAS BLVD

478136-CC-SD.dwg

CIRCUS CIRCUS DRIVE FROM INDUSTRIAL RD TO LAS VEGAS BLVD



STORM DRAIN CROSS SECTION @ "CC" 25+80
HORIZ: 1"=10'
VERT: 1"=1'



- NOTES:**
- SEE SHEETS TY-1 FOR TYPICAL SECTION PLANS.
 - SEE SHEETS RM-1 TO RM-4 FOR REMOVAL PLANS.
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 - CONSTRUCT NDOT TYPE 3 DROP INLET PER NDOT STD. DWG. R-4.2.3
 - SEE SHEET SD-1 FOR TYPICAL STORM DRAIN PIPE TRENCH SECTION.
 - CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS. BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATION BOTH HORIZONTALLY & VERTICALLY PRIOR TO COMMENCEMENT OF CONSTRUCTION

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APPROVED FOR CONSTRUCTION
Las Vegas Valley Water District Engineering Services Manager
Date _____ Project No. 122907

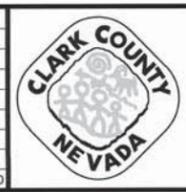
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REV No.	DATE	DESCRIPTION	APPROVED
1	10-08-2015	REVISED PER ADDENDUM #2	KG



CIRCUS CIRCUS DRIVE FROM INDUSTRIAL RD TO LAS VEGAS BLVD
STORM DRAIN PLAN AND PROFILE
"CC" 25+00 TO "CC" 29+56
CLARK COUNTY, NEVADA DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: L. WILCOX
DRAWN BY: F. PAULLO
CHECKED BY: J. GRIEST
DATE: October 2015

CH2MHILL
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
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FIELD BOOK WORK ORDER	SD-2
PROJECT No. 478136	SHT: 17 OF 24