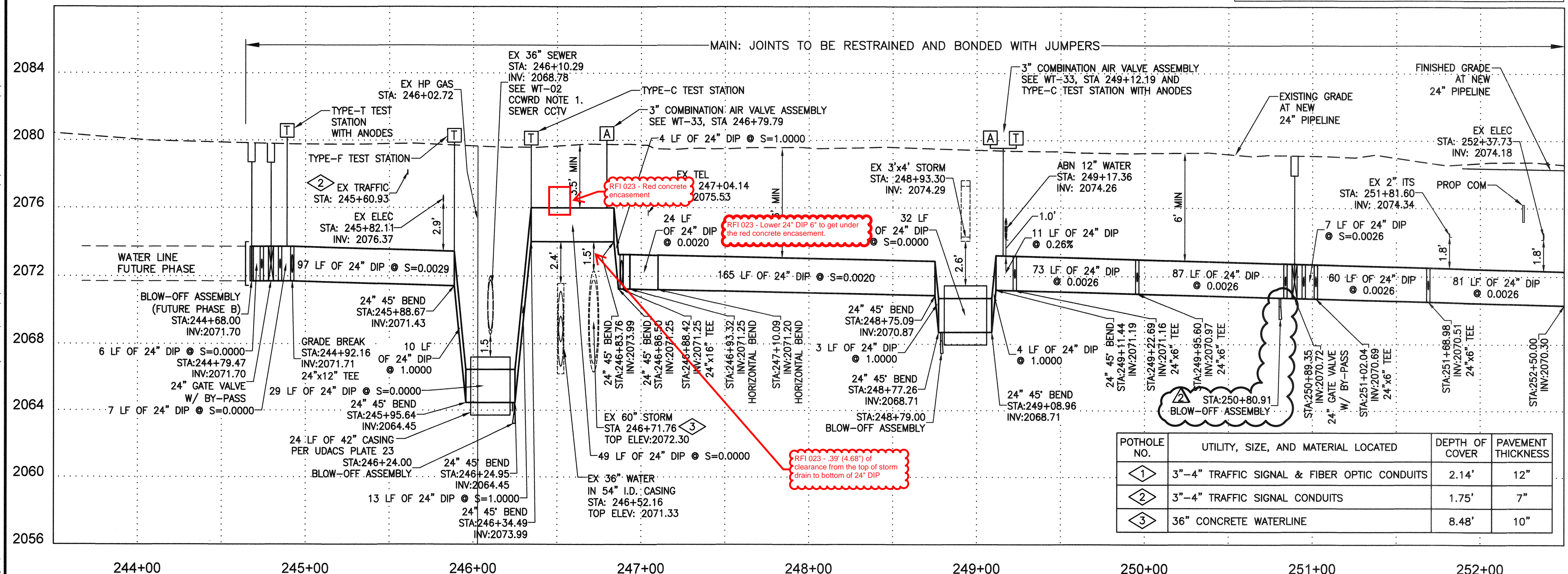


- CONSTRUCTION INDEX**
- (11) INSTALL 24" x 6" FLG TEE W/RESTRAINED JOINT PER UDACS SEC 2.15
 - (14) INSTALL 24" x 12" FLG TEE W/RESTRAINED JOINT PER UDACS SEC 2.15
 - (15) INSTALL 24" x 16" FLG TEE W/RESTRAINED JOINT PER UDACS SEC 2.15
 - (31) INSTALL 6" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
 - (34) INSTALL 12" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
 - (35) INSTALL 16" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
 - (36) INSTALL 24" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
 - (37) INSTALL 6" BLOW-OFF ASSEMBLY PER UDACS PLT NO. 37 ON SHT WT-48
 - (40) INSTALL 2" BLOW-OFF ASSEMBLY PER UDACS PLT NO. 36 ON SHT WT-48
 - (67) INSTALL 24" x 45" BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
 - (82) INSTALL PIPE CASING PER UDACS PLT NO. 22, 23 ON SHTS WT-46 & WT-47 & UDACS SEC 2.22
 - (83) INSTALL 6" DIP BYPASS ASSEMBLY W/ 6" FLG GATE VALVES, RESTRAINED (NOT THRUST BLOCKED), PER DETAIL "M" & "T" ON SHTS WT-44 & WT-45
 - (85) INSTALL CASING TEST STATION PER DETAIL "GG" ON SHT WT-43

CAUTION: HIGH PRESSURE GAS!!
 CALL SOUTHWEST GAS AT 702-400-1788 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION



- CONSTRUCTION NOTES**
- 1 SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
 - 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
 - 11 ALL PAVEMENT RESTORATION PER CCAUSD DWG. NO. 500.1 & 500.2
 - 15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.
 - 36 WIRING TO BE INSTALLED IN NEW PIPE TRENCH FROM CONNECTION TO TEST BOX STATION
- NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

FIRE DEPARTMENT APPROVAL

BY: *[Signature]* DATE: 12-10-19

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS. 1019-0719-R001

APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVVWD APPROVAL

APPROVED FOR CONSTRUCTION

PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT

DATE: 11-25-19

CCWRD PIPES NUMBER IS #19,948

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.

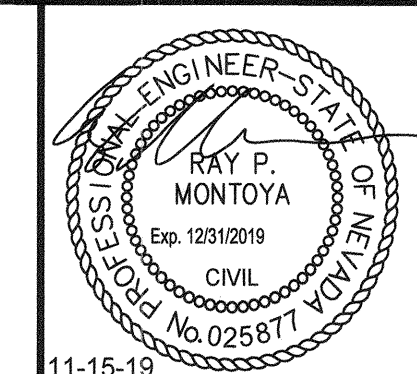
POTHOLE NO.	UTILITY, SIZE, AND MATERIAL LOCATED	DEPTH OF COVER	PAVEMENT THICKNESS
1	3"-4" TRAFFIC SIGNAL & FIBER OPTIC CONDUITS	2.14'	12"
2	3"-4" TRAFFIC SIGNAL CONDUITS	1.75'	7"
3	36" CONCRETE WATERLINE	8.48'	10"

NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019



LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
WATERLINE IMPROVEMENT PLANS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCRVC
 CHECKED BY: RPM
 DATE: 11-15-19

SCALE: HORIZ. 1" = 40', VERT. 1" = 4'

SHEET No. WT-03
 SHEET 110 OF 345
 L-2210

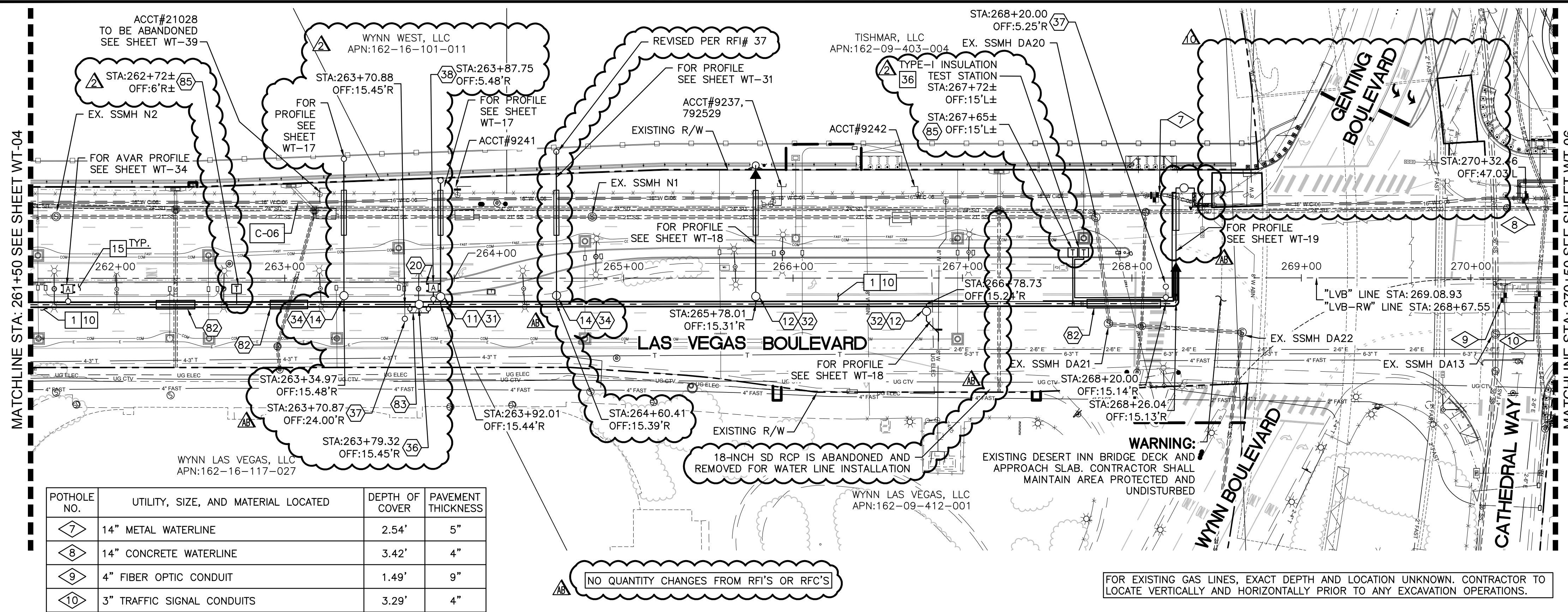


ISSUED FOR CONSTRUCTION

User: Gerardo Gonzalez; Path: K:\TUC_WaterResources\098313000_Las Vegas Blvd\CAD\LVB Phase A Water Plans\CA-1497-9-C-C1.dwg / This document, together with the concepts and designs presented herein, is an instrument of service, it is intended only for the specific purpose and client for which it was prepared. Reproduction or use of this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

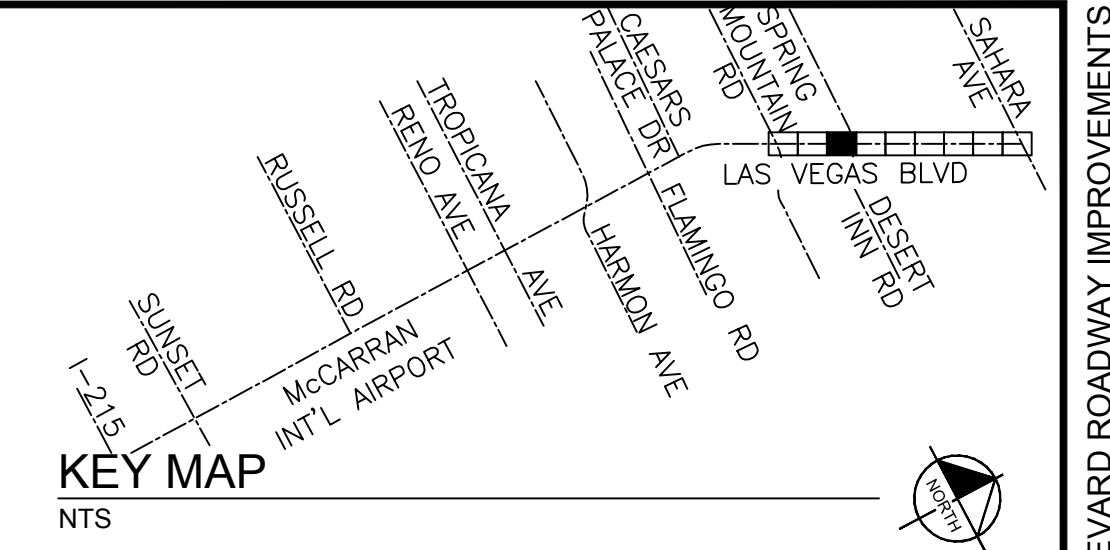
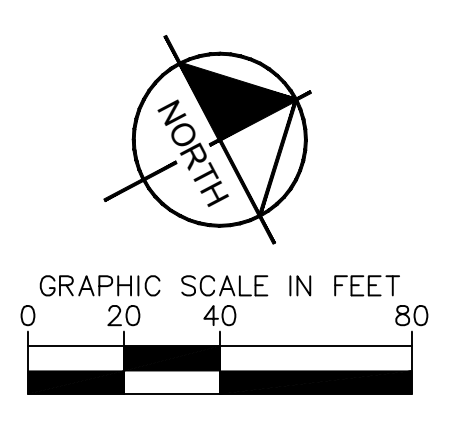
User: Daniel Wolf
 Path: K:\TUC_WaterResources\09833000_LasVegasBvd\Phase A\CAD\LVB Phase A Water Plans\Rev. 10 - LVB and Gentic\1-1-C-C3.dwg /
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POTHOLE NO.	UTILITY, SIZE, AND MATERIAL LOCATED	DEPTH OF COVER	PAVEMENT THICKNESS
7	14" METAL WATERLINE	2.54'	5"
8	14" CONCRETE WATERLINE	3.42'	4"
9	4" FIBER OPTIC CONDUIT	1.49'	9"
10	3" TRAFFIC SIGNAL CONDUITS	3.29'	4"

NO QUANTITY CHANGES FROM RFI'S OR RFC'S

FOR EXISTING GAS LINES, EXACT DEPTH AND LOCATION UNKNOWN. CONTRACTOR TO LOCATE VERTICALLY AND HORIZONTALLY PRIOR TO ANY EXCAVATION OPERATIONS.



- CONSTRUCTION INDEX**
- 11 INSTALL 24" x 6" FLG TEE W/RESTRAINED JOINT PER UDACS SEC 2.15
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- CONSTRUCTION NOTES**
- 1 SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
 - 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
 - 15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.
 - 36 WIRING TO BE INSTALLED IN NEW PIPE TRENCH FROM CONNECTION TO TEST BOX STATION
- NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

FIRE DEPARTMENT APPROVAL

BY: ORIGINALLY SIGNED BY E. KAMINSKI DATE: 12/10/2019

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS.

APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVVWD APPROVAL

APPROVED FOR CONSTRUCTION

ORIGINALLY SIGNED BY S. KAMOJALA
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT No. 136077 FIRST APPROVED DATE 12/16/2019

CCWRD APPROVAL

ORIGINALLY SIGNED BY J. ALHWAYEK
CLARK COUNTY WATER RECLAMATION DISTRICT

11/19/2019 DATE

CCWRD PIPES NUMBER IS #19,849

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.

811 SAFETY ALERT

Before You Overhead

know what's below
Call before you dig

1-702-227-2929

UNION PACIFIC RAILROAD

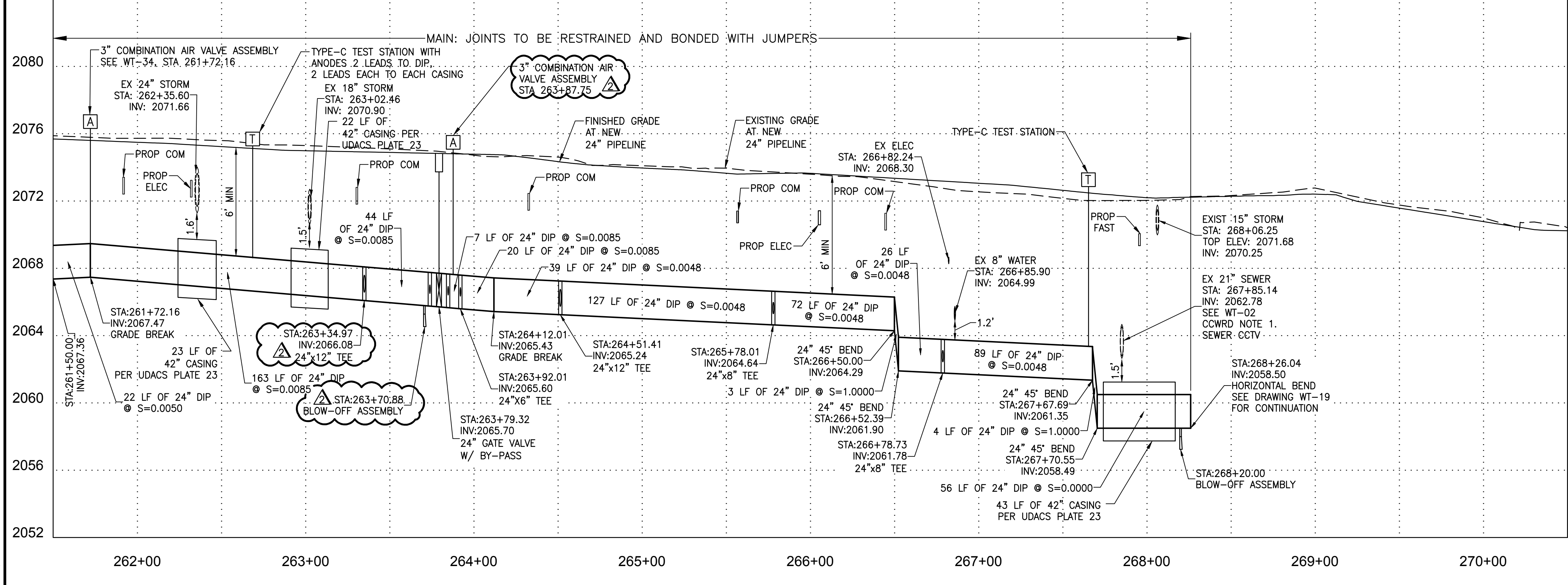
Call Before You Dig

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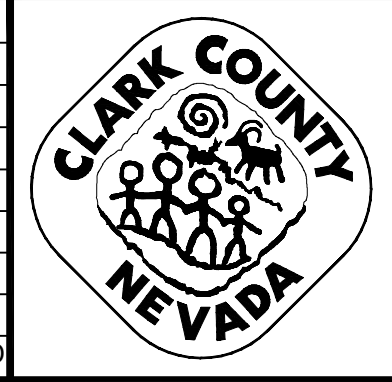
Call before you UnderGround

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RECALL AND WEBSITE: 1-800-336-9193

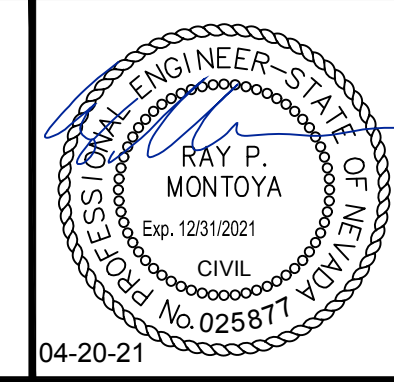


NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
3	REVISED PER CONTRACTOR AS-BUILT	03/22/2021
4	LVB-GENTING INTERSECTION REVISION	04/20/2021



LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
WATERLINE IMPROVEMENT PLANS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
DRAWN BY: GAG/JTK/VCR/VRC
CHECKED BY: RPM
DATE: 04-20-21

SCALE	SHEET No
HORIZ: 1" = 40'	WT-05
VERT: 1" = 4'	SHEET 112 OF 345
FIELD BOOK NONE	L-2210

Kimley»Horn

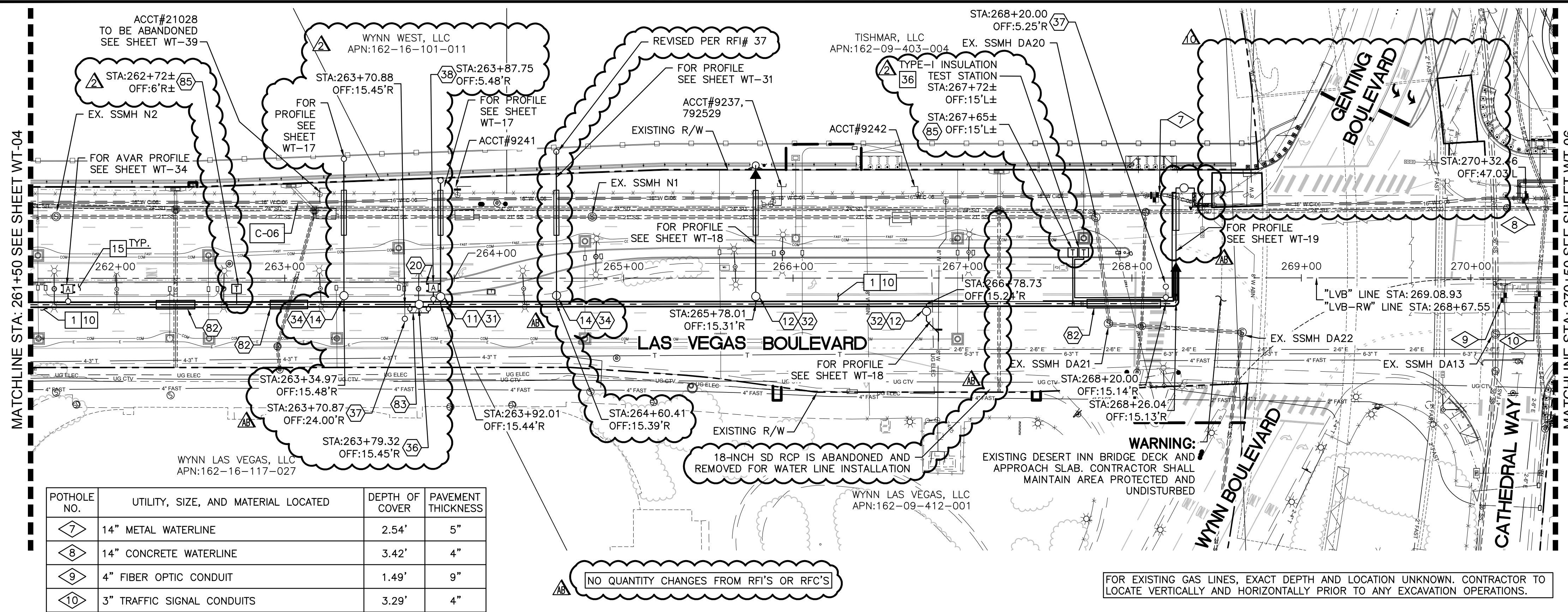
6671 Las Vegas Boulevard South, Suite 320
Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

RECORD DRAWING

ISSUED FOR CONSTRUCTION

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
BID NO.: 605203-19

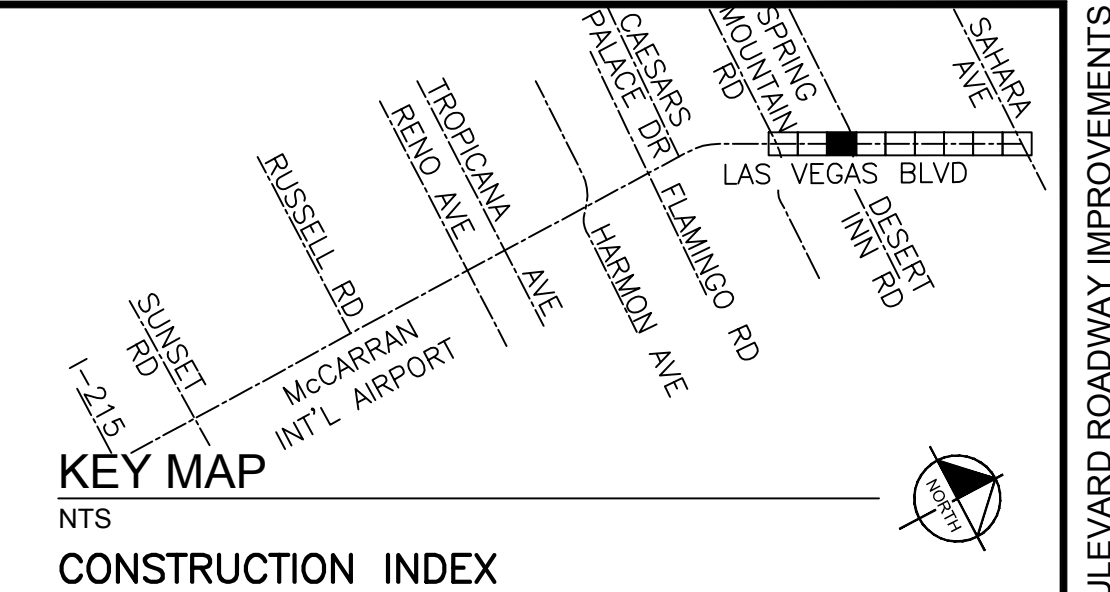
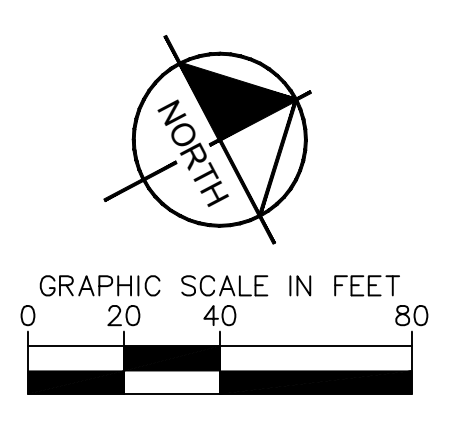
User: Daniel Wolf
 Path: K:\TUC_WaterResources\09833000_LasVegasBvd\Phase A\CAD\LVB Phase A Water Plans\Rev. 10 - LVB and Gentic\1497-11-C-C3.dwg /
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POTHOLE NO.	UTILITY, SIZE, AND MATERIAL LOCATED	DEPTH OF COVER	PAVEMENT THICKNESS
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- ### CONSTRUCTION NOTES
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 - 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
 - 15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.
 - 36 WIRING TO BE INSTALLED IN NEW PIPE TRENCH FROM CONNECTION TO TEST BOX STATION
- NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

FIRE DEPARTMENT APPROVAL

BY: ORIGINALLY SIGNED BY E. KAMINSKI DATE: 12/10/2019

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS.

APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVVWD APPROVAL

APPROVED FOR CONSTRUCTION

ORIGINALLY SIGNED BY S. KAMOJALA
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT No. 136077 FIRST APPROVED DATE 12/16/2019

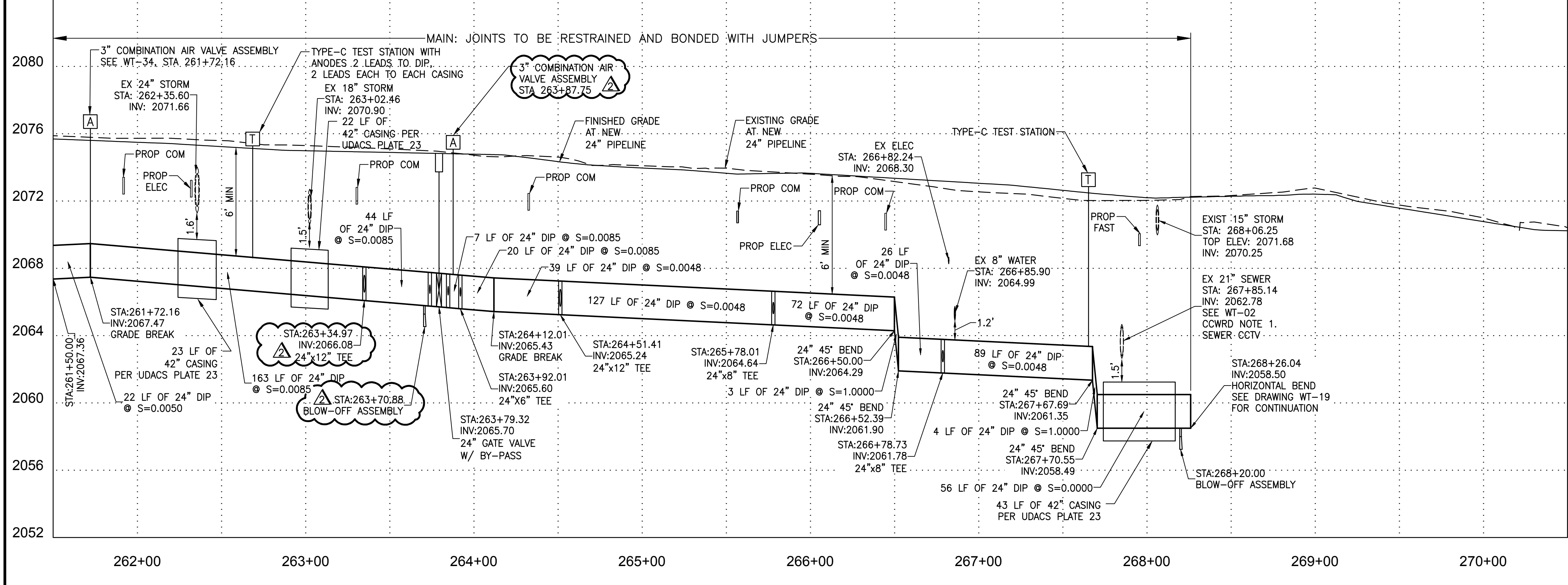
CCWRD APPROVAL

ORIGINALLY SIGNED BY J. ALHWAYEK
CLARK COUNTY WATER RECLAMATION DISTRICT

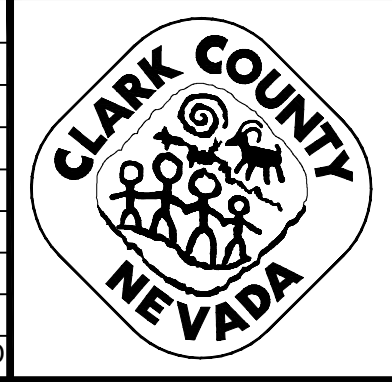
11/19/2019 DATE

CCWRD PIPES NUMBER IS #19,849

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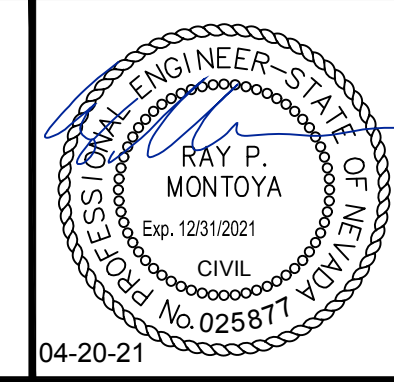


NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
3	REVISED PER CONTRACTOR AS-BUILT	03/22/2021
4	LVB-GENTING INTERSECTION REVISION	04/20/2021



LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
WATERLINE IMPROVEMENT PLANS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



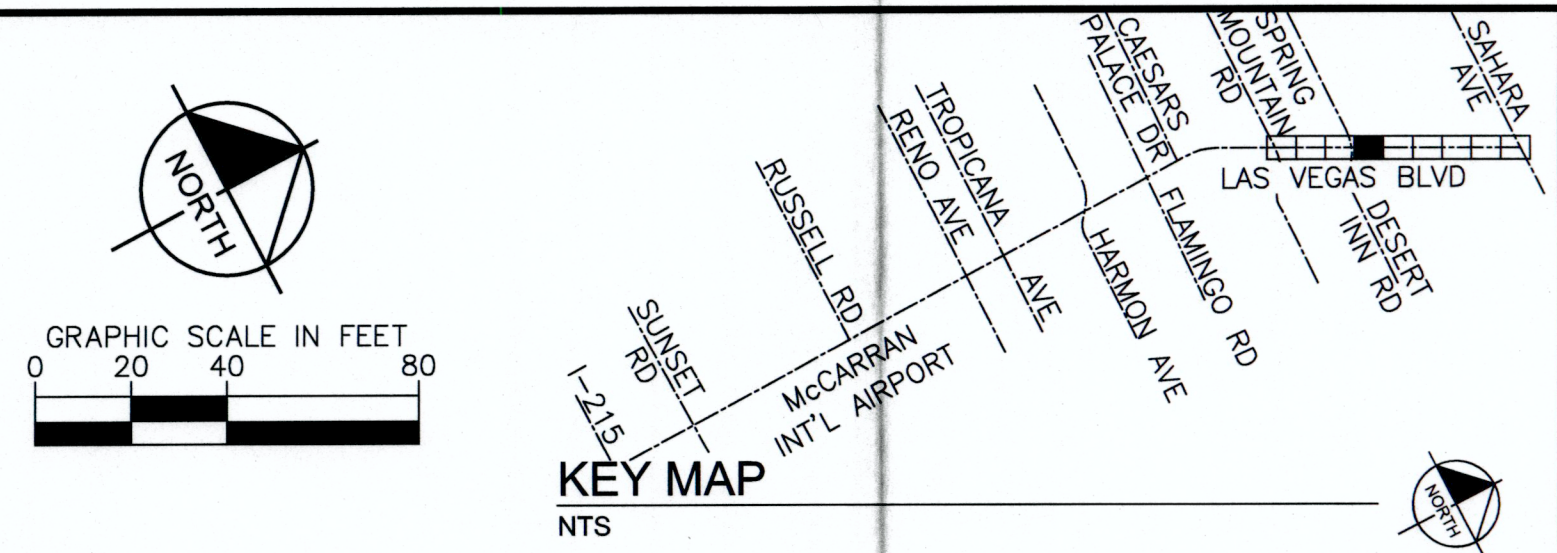
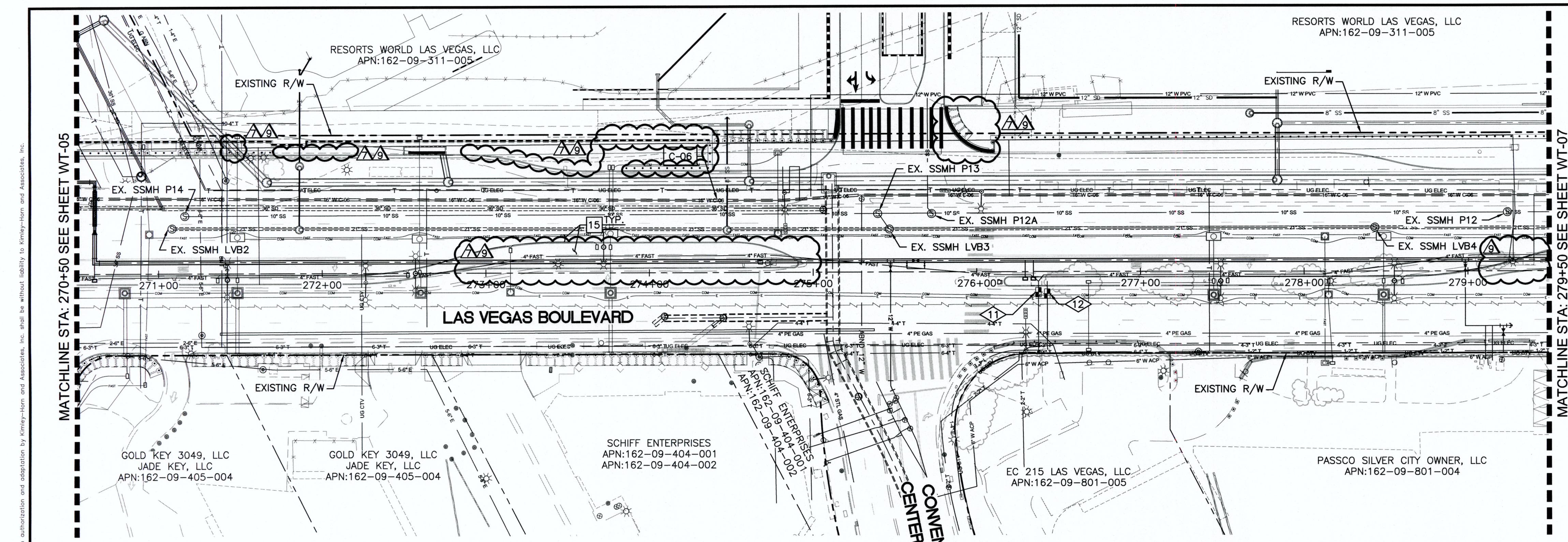
DESIGNED BY: ROM
DRAWN BY: GAG/JTK/VCR/VRC
CHECKED BY: RPM
DATE: 04-20-21

SCALE	SHEET No
HORIZ: 1" = 40'	WT-05
VERT: 1" = 4'	SHEET 112 OF 345
FIELD BOOK NONE	L-2210

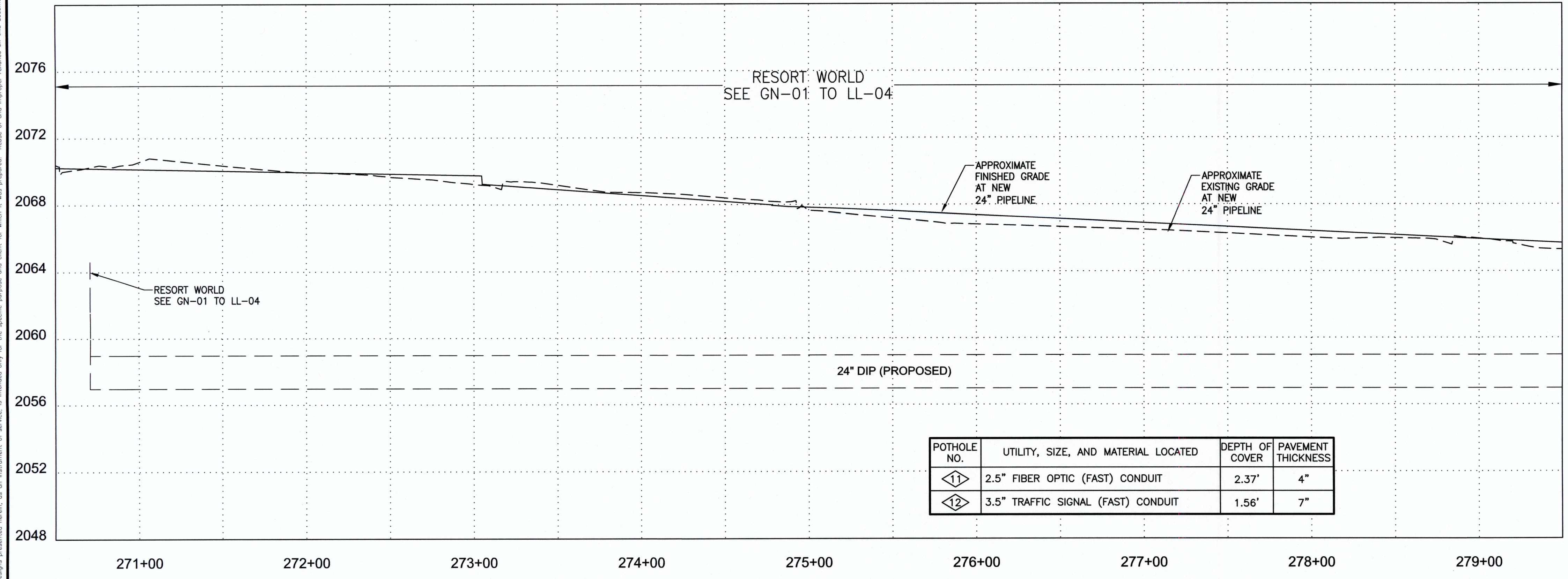
RECORD DRAWING

ISSUED FOR CONSTRUCTION

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
BID NO.: 605203-19



FOR EXISTING GAS LINES, EXACT DEPTH AND LOCATION UNKNOWN. CONTRACTOR TO LOCATE VERTICALLY AND HORIZONTALLY PRIOR TO ANY EXCAVATION OPERATIONS.



POTHOLE NO.	UTILITY, SIZE, AND MATERIAL LOCATED	DEPTH OF COVER	PAVEMENT THICKNESS
1	2.5" FIBER OPTIC (FAST) CONDUIT	2.37'	4"
2	3.5" TRAFFIC SIGNAL (FAST) CONDUIT	1.56'	7"

CONSTRUCTION NOTES

15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.

NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

FIRE DEPARTMENT APPROVAL

BY: ORIGINALLY SIGNED BY E. KAMINSKI DATE: _____

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LVVWD APPROVAL

APPROVED FOR CONSTRUCTION

ORIGINALLY SIGNED BY S. KAMOJJALA
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

CCWRD APPROVAL

ORIGINALLY SIGNED BY J. ALHWAYEK
CLARK COUNTY WATER RECLAMATION DISTRICT

DATE: _____

CCWRD PIPES NUMBER IS #19,948
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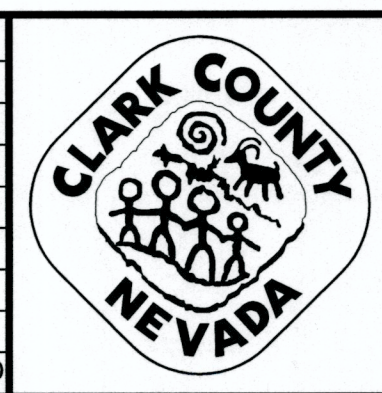
811
know what's below
Call before you dig

SAFETY ALERT
Call Before You Overhead
1-702-227-2929

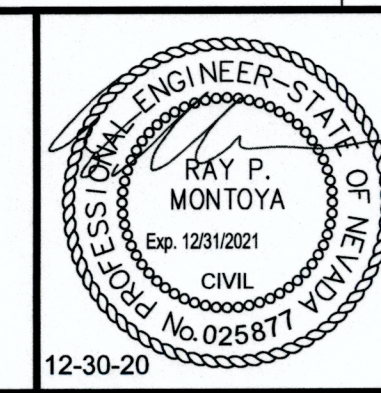
UNION PACIFIC RAILROAD
Call Before You Dig
1-800-336-9133

Call before you UnderGround
1-702-432-5300

NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
3	RWL RELATED IMPROVEMENT REV	09/04/2020
4	RWL RELATED IMPROVEMENT REV	12/30/2020
	APPROVED	



LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS
FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
WATERLINE IMPROVEMENT PLANS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
DRAWN BY: GAG/JTK/VCR/VRC
CHECKED BY: RPM
DATE: 12-30-2020

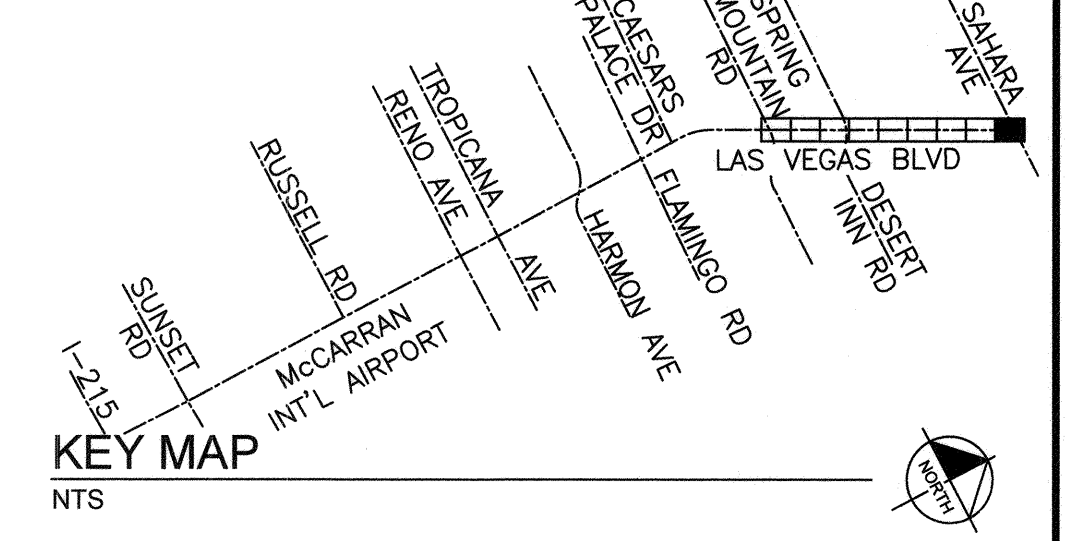
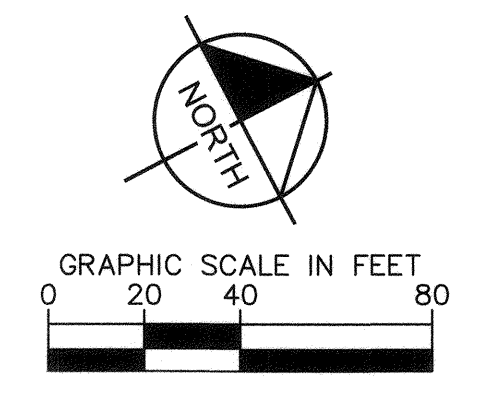
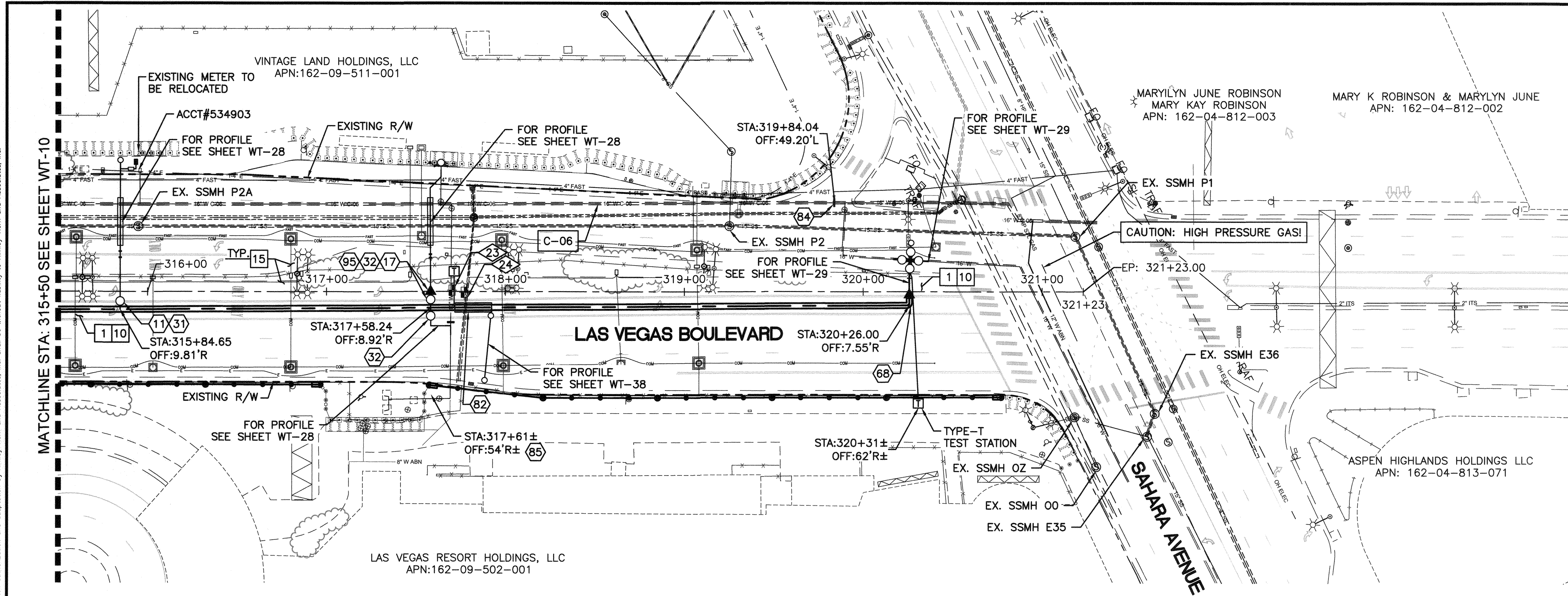
Kimley»Horn
6571 Las Vegas Boulevard South Suite 320
Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 40'	WT-06
VERT: 1" = 4'	SHEET 113 OF 345
FIELD BOOK NONE	L-2210

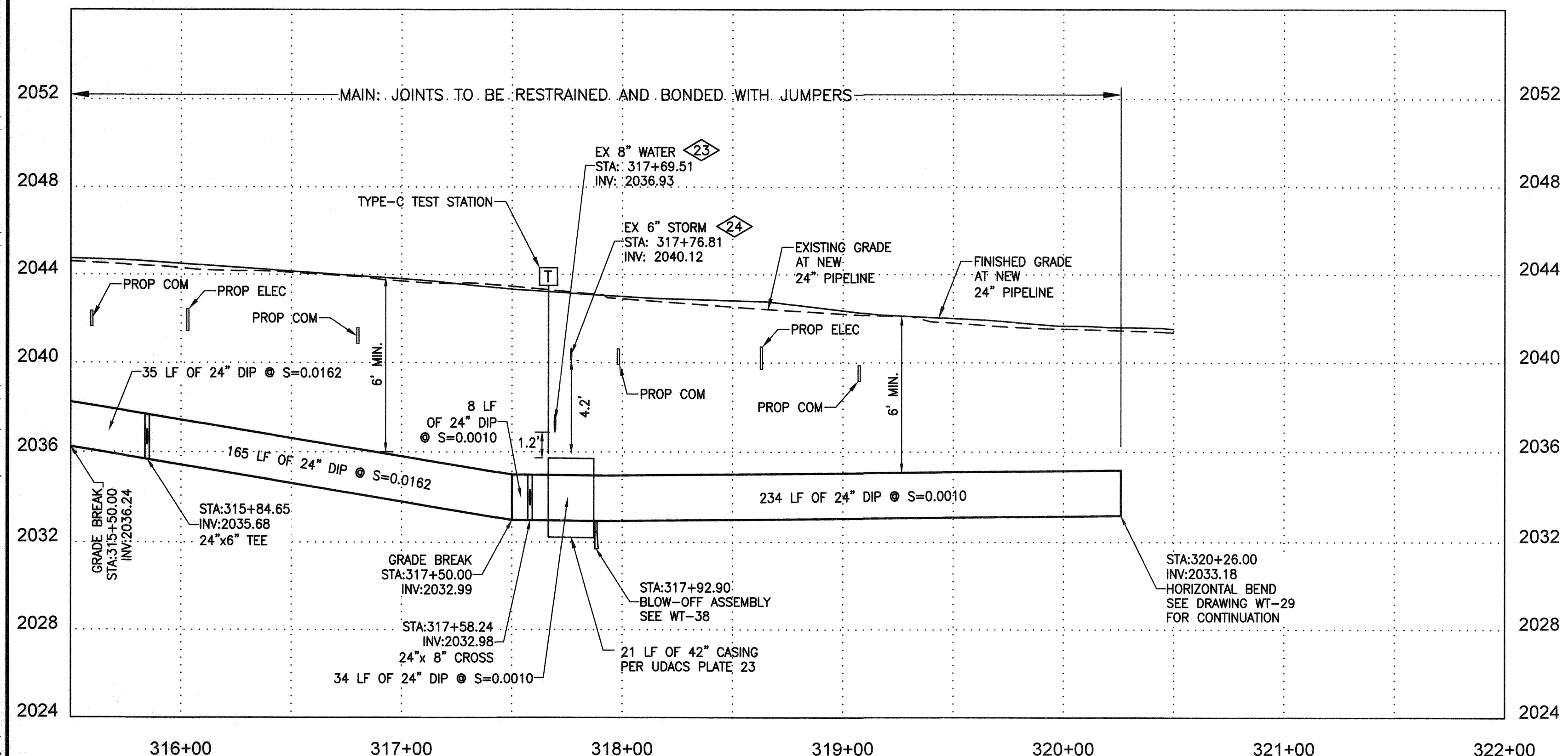
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LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
BID No.: 605203-19



- CONSTRUCTION INDEX**
- 11 INSTALL 24" x 6" FLG TEE W/RESTRAINED JOINT PER UDACS SEC 2.15
 - 17 INSTALL 24" x 8" CROSS W/RESTRAINED JOINT PER UDACS SEC 2.15
 - 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
 - 32 INSTALL 8" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
 - 68 INSTALL 24" x 90' BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
 - 82 INSTALL PIPE CASING PER UDACS PLT NO. 22, 23 ON SHTS WT-46 & WT-47 & UDACS SEC 2.22
 - 84 CUT, PLUG & CAP EXISTING MAIN PIPE PER DETAIL "O" ON SHT WT-44
 - 85 INSTALL CASING TEST STATION PER DETAIL "GG" ON SHT WT-43
 - 95 INSTALL 8" x 6" REDUCER PER UDACS PLT NO. 30 ON SHT WT-47



POTHOLE NO.	UTILITY, SIZE, AND MATERIAL LOCATED	DEPTH OF COVER	PAVEMENT THICKNESS
23	10" CONCRETE WATERLINE	5.69'	6"
24	6" METAL STORM DRAIN	2.62'	6"

- CONSTRUCTION NOTES**
- 1 SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
 - 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
 - 15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.
- NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

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

FIRE DEPARTMENT APPROVAL
 BY: *[Signature]* DATE: 12-10-19
 APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS. *EP19-07819-R001*
 APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVVWD APPROVAL
 APPROVED FOR CONSTRUCTION
[Signature]
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT No. 136077 FIRST APPROVED DATE 12/6/19

CCWRD APPROVAL
 CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE 11-25-19
 CCWRD PIPES NUMBER IS #19-848
 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.

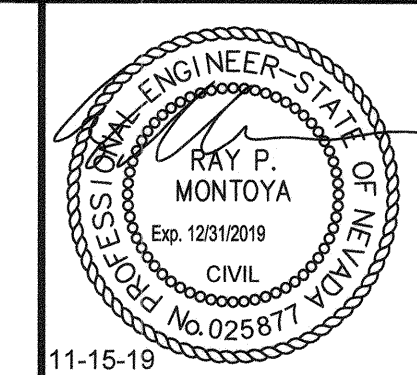
811 SAFETY ALERT
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 1-702-227-2829

UNION PACIFIC RAILROAD
 Call Before You Dig
 1-800-336-9193

NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019



LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 WATERLINE IMPROVEMENT PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCR/VRC
 CHECKED BY: RPM
 DATE: 11-15-19

Kimley»Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119
 Tel. No. (702) 862-3600

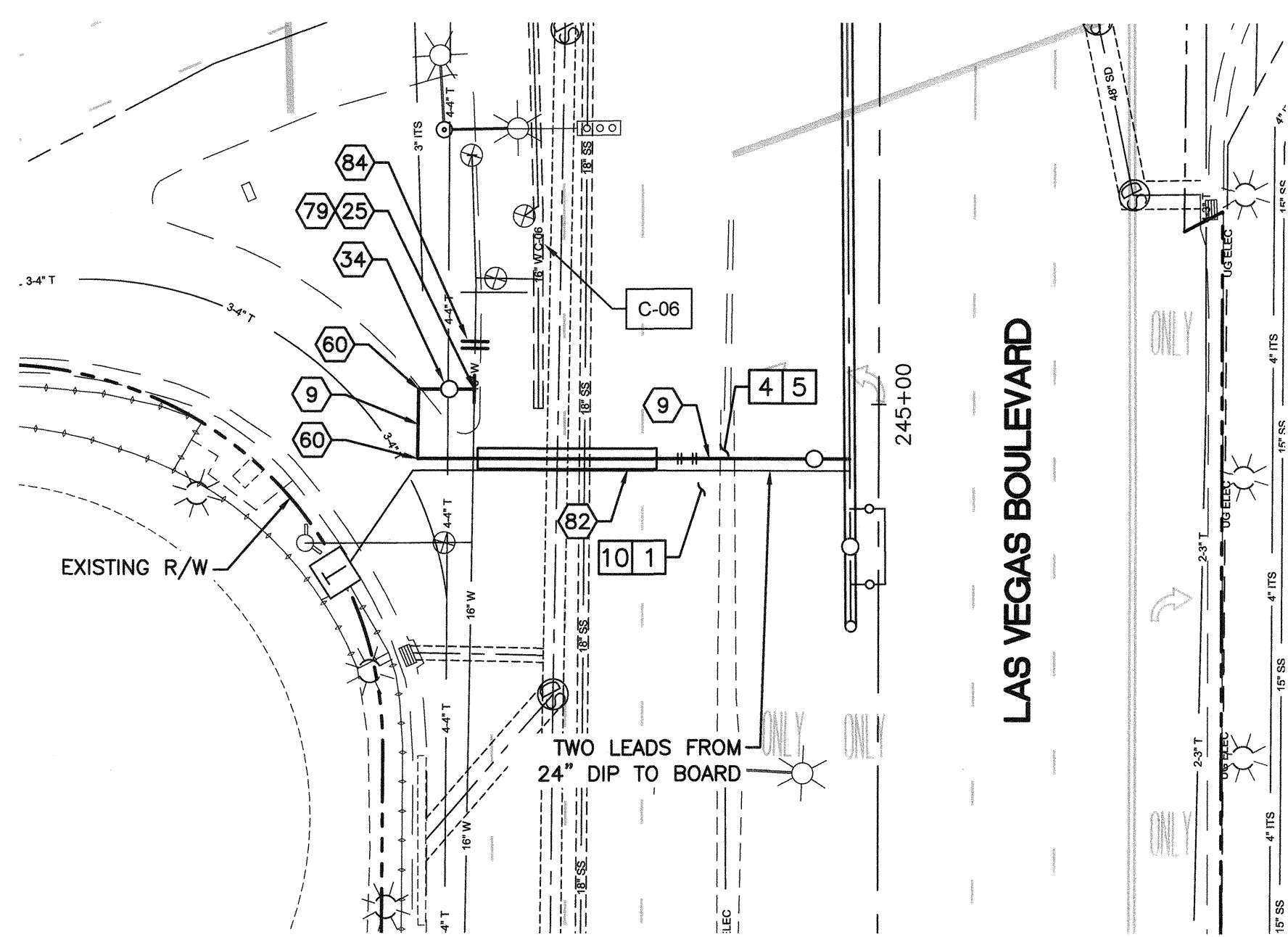
SCALE	SHEET No
HORIZ: 1" = 40'	WT-11
VERT: 1" = 4'	SHEET 118 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

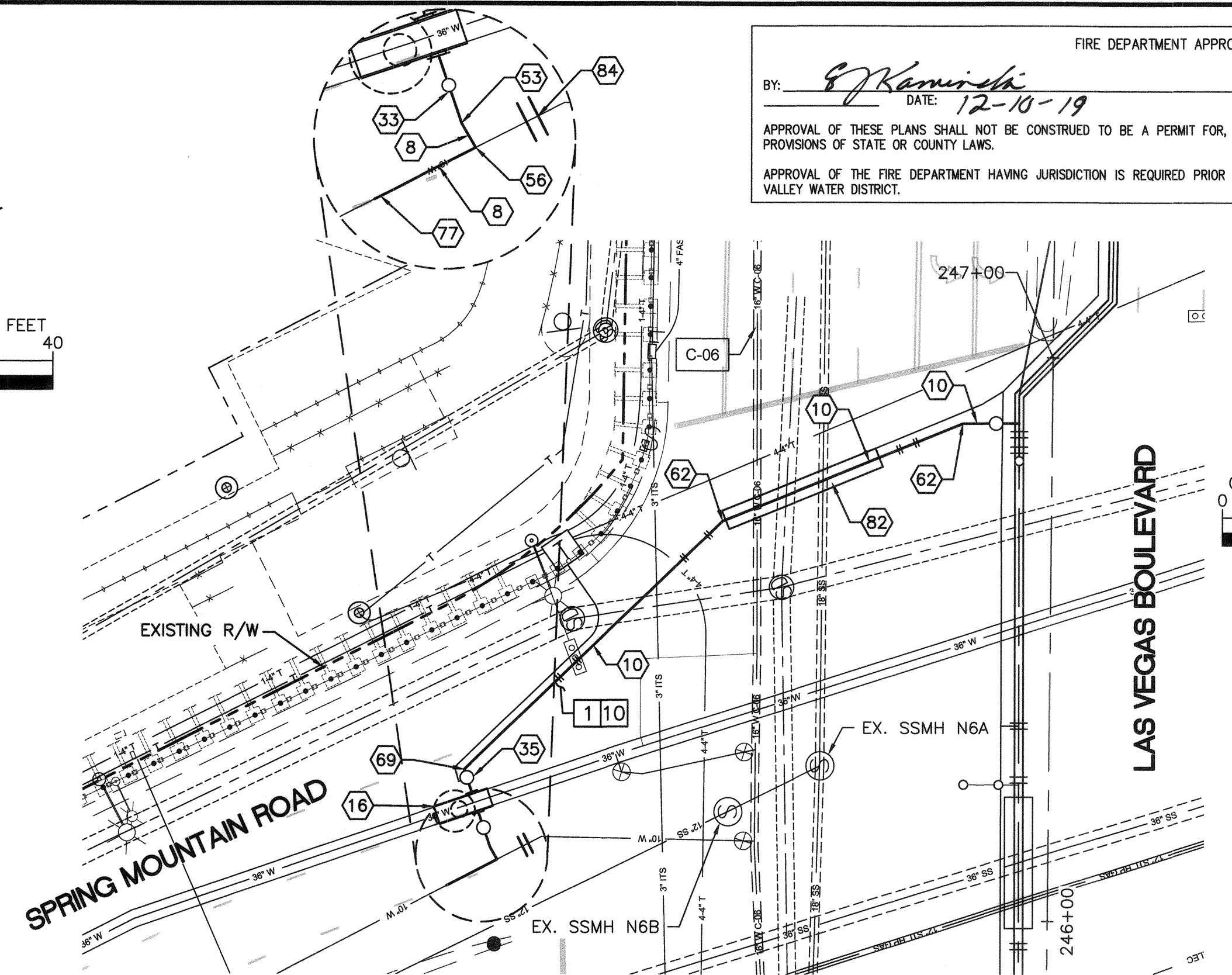
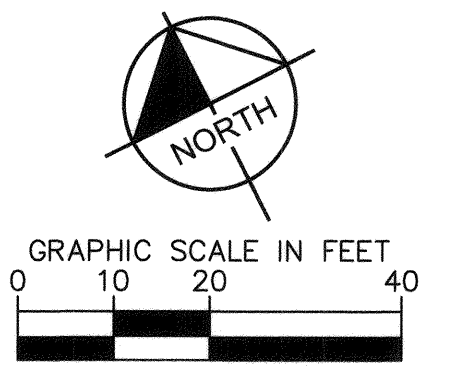
User: Gerardo.Gonzalez
 Path: K:\TUC_WaterResources\098313000_LasVegasBvd\ACADD\WB Phase A Water Plans\C-1497-17-C-03.dwg /
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LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS BID No. 605203-19

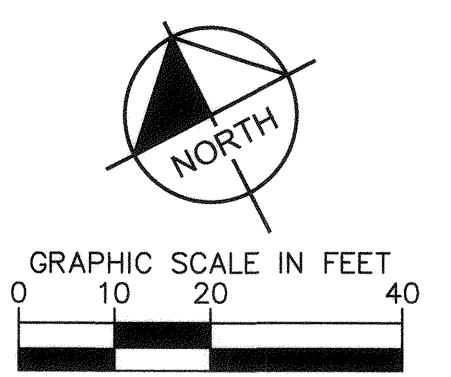
User: Gerardo.Gonzalez; Path: K:\YUC\WaterResources\096313000_Las Vegas Blvd\CADD\WB Phase A Water Plans\C-1497-18-C-010.dwg / This document, together with the contracts and design presented herein, is intended only for the specific purpose and client for which it was prepared. Issues of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



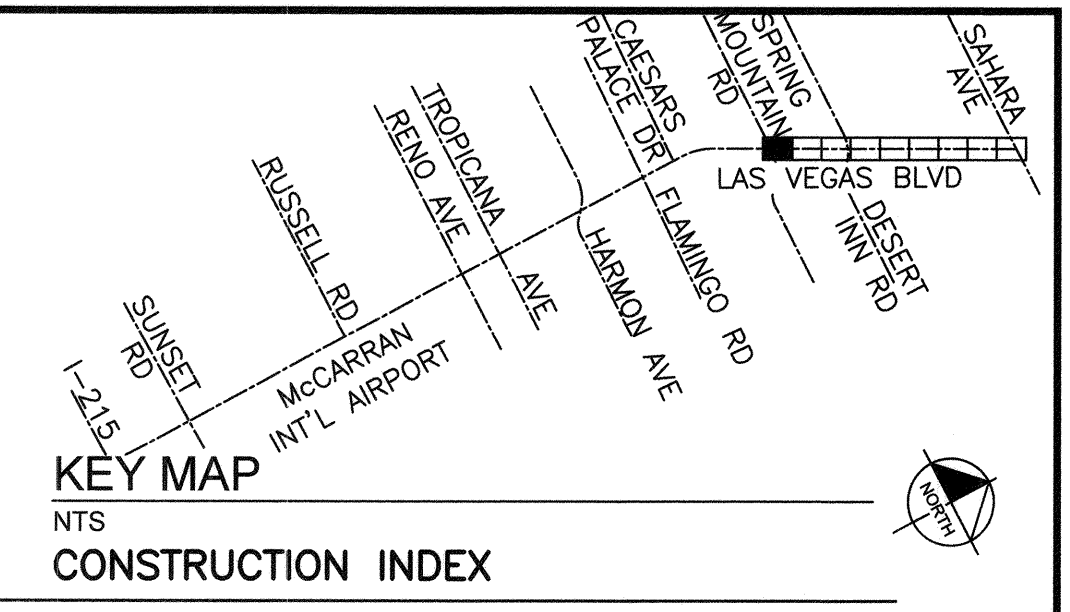
12" WATER MAIN CONNECTION
STA: 244+92.16
SEE SHEET WT-03



16" AND 10" WATER MAIN CONNECTION
STA: 246+88.42
SEE SHEET WT-03

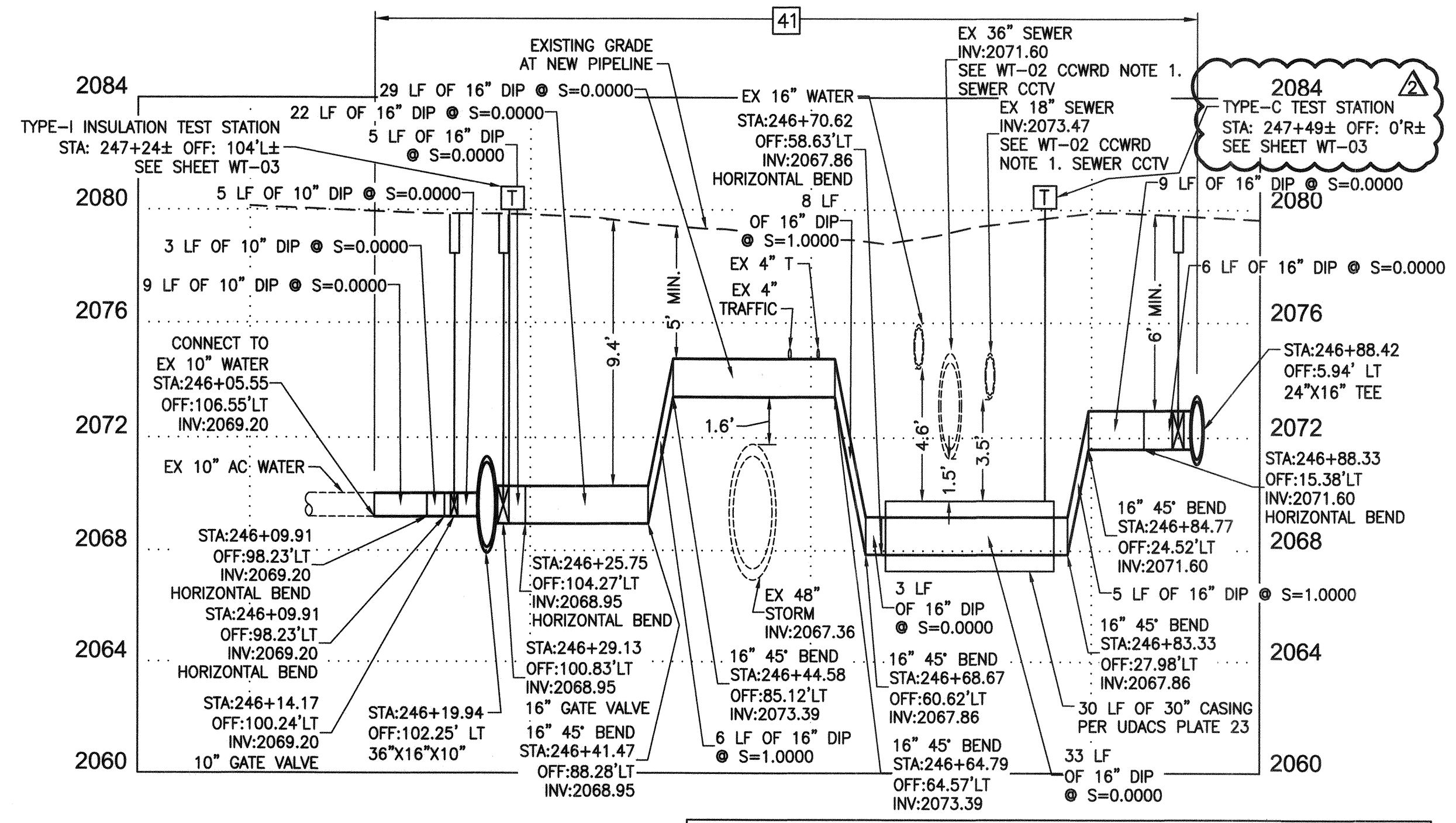
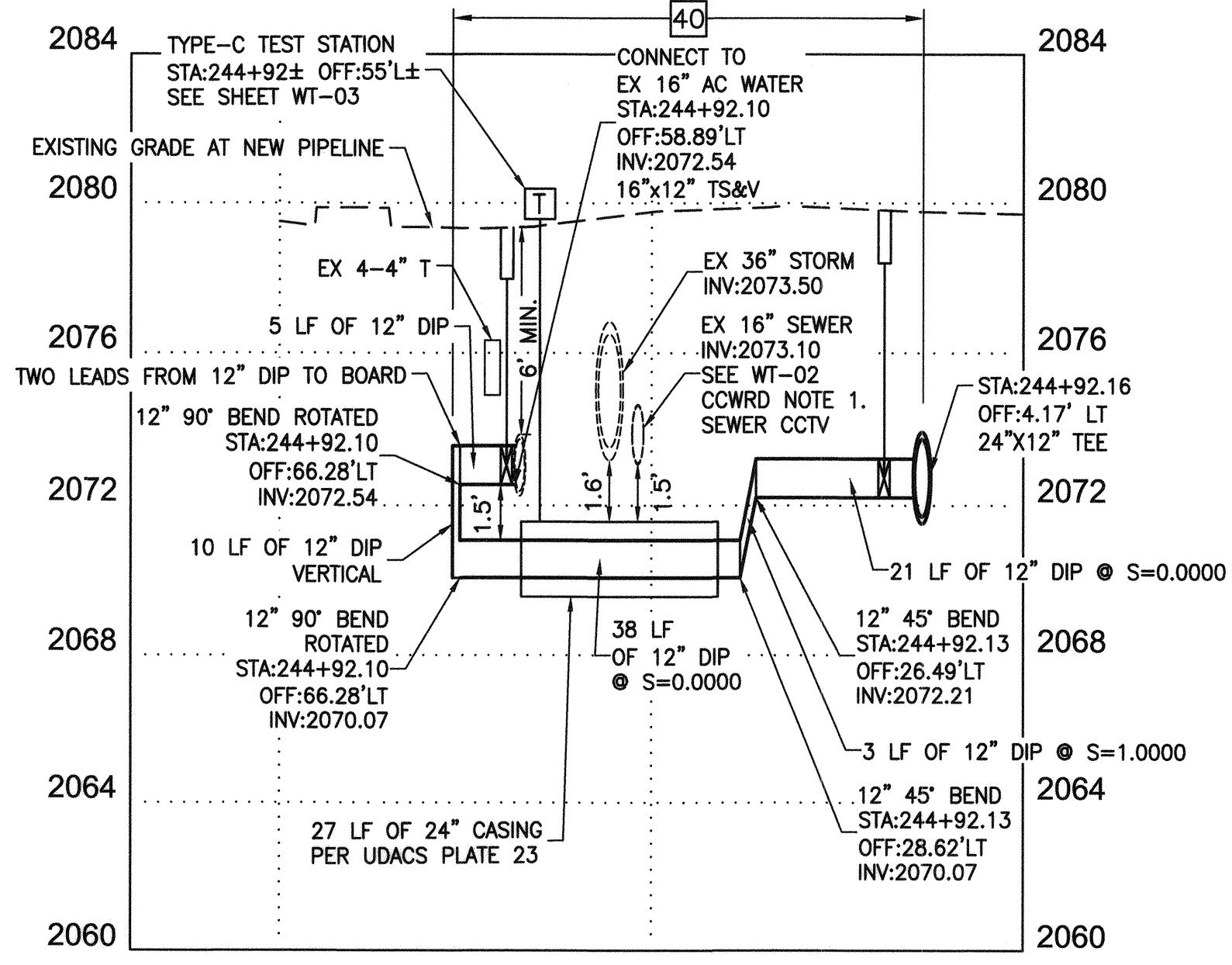


FIRE DEPARTMENT APPROVAL
 BY: *G. Kaminski* DATE: 12-10-19
 APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS.
 APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.



- CONSTRUCTION INDEX**
- 8 INSTALL 10" DIP, PER UDACS
 - 9 INSTALL 12" DIP, PER UDACS
 - 10 INSTALL 16" DIP, PER UDACS
 - 16 INSTALL 36" x 16" x 10" SPECIAL MADE FITTING ON SHT WT-41
 - 25 INSTALL 16" x 12" TAPPING SLEEVE & VALVE PER UDACS PLT NO. 34, 35 & 39 ON SHTS WT-47 & WT-49 & UDACS SEC 3.19.05
 - 33 INSTALL 10" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
 - 34 INSTALL 12" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
 - 35 INSTALL 16" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
 - 53 INSTALL 10" x 11.25" BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
 - 56 INSTALL 10" x 90" BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
 - 60 INSTALL 12" x 90" BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
 - 62 INSTALL 16" x 22.5" BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
 - 69 INSTALL 16" x 45" BEND W/RESTRAINED JOINT AND INSULATING FLANGE SET PER DETAIL "H" ON SHT WT-43 AND UDACS SEC 2.15
 - 77 CONNECT TO 10" EXIST. MAIN PIPE
 - 79 CONNECT TO 16" EXIST. MAIN PIPE
 - 82 INSTALL PIPE CASING PER UDACS PLT NO. 22, 23 ON SHTS WT-46 & WT-47 & UDACS SEC 2.22
 - 84 CUT, PLUG & CAP EXISTING MAIN PIPE PER DETAIL "O" ON SHT WT-44

- CONSTRUCTION NOTES**
- 1 SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
 - 4 REMOVE & REPLACE MEDIAN ROLL CURB PER CCAUSD DWG. NO. 217.2.S1
 - 5 REMOVE & REPLACE MEDIAN PER CCAUSD DWG. NO. 221
 - 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
 - 40 JOINTS TO BE FULLY RESTRAINED
 - 41 JOINTS TO BE FULLY RESTRAINED. BOND JOINTS PER DETAIL "K" ON SHT WT-44
- NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.



LVVWD APPROVAL

APPROVED FOR CONSTRUCTION

[Signature]
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT

[Signature] DATE 11.25.19

CCWRD PIPES NUMBER IS #19,948
 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.

811 SAFETY ALERT

Call Before You Dig
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know what's below
 Call before you dig

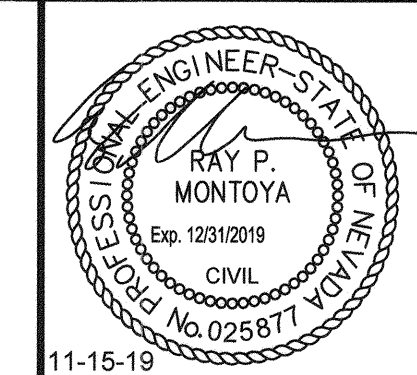
UNION PACIFIC RAILROAD
 Call Before You Dig
 1-800-336-9189

UnderGround
 1-702-432-5300
 1-800-336-9189

NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
APPROVED		



LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 WATERLINE IMPROVEMENT PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VC/RVC
 CHECKED BY: RPM
 DATE: 11-15-19

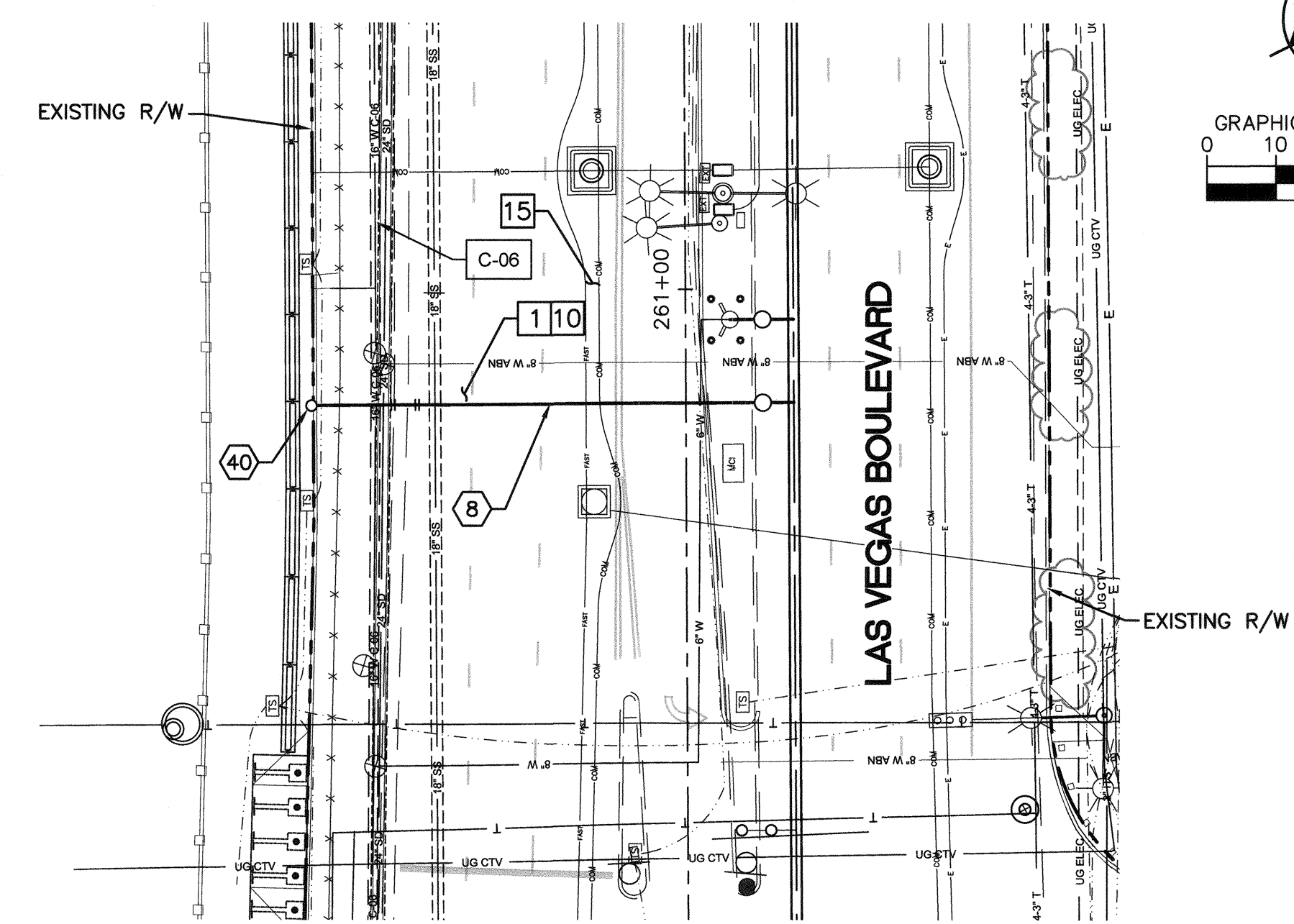
Kimley Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119
 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	WT-12
VERT: 1" = 4'	SHEET 119 OF 345
FIELD BOOK NONE	L-2210

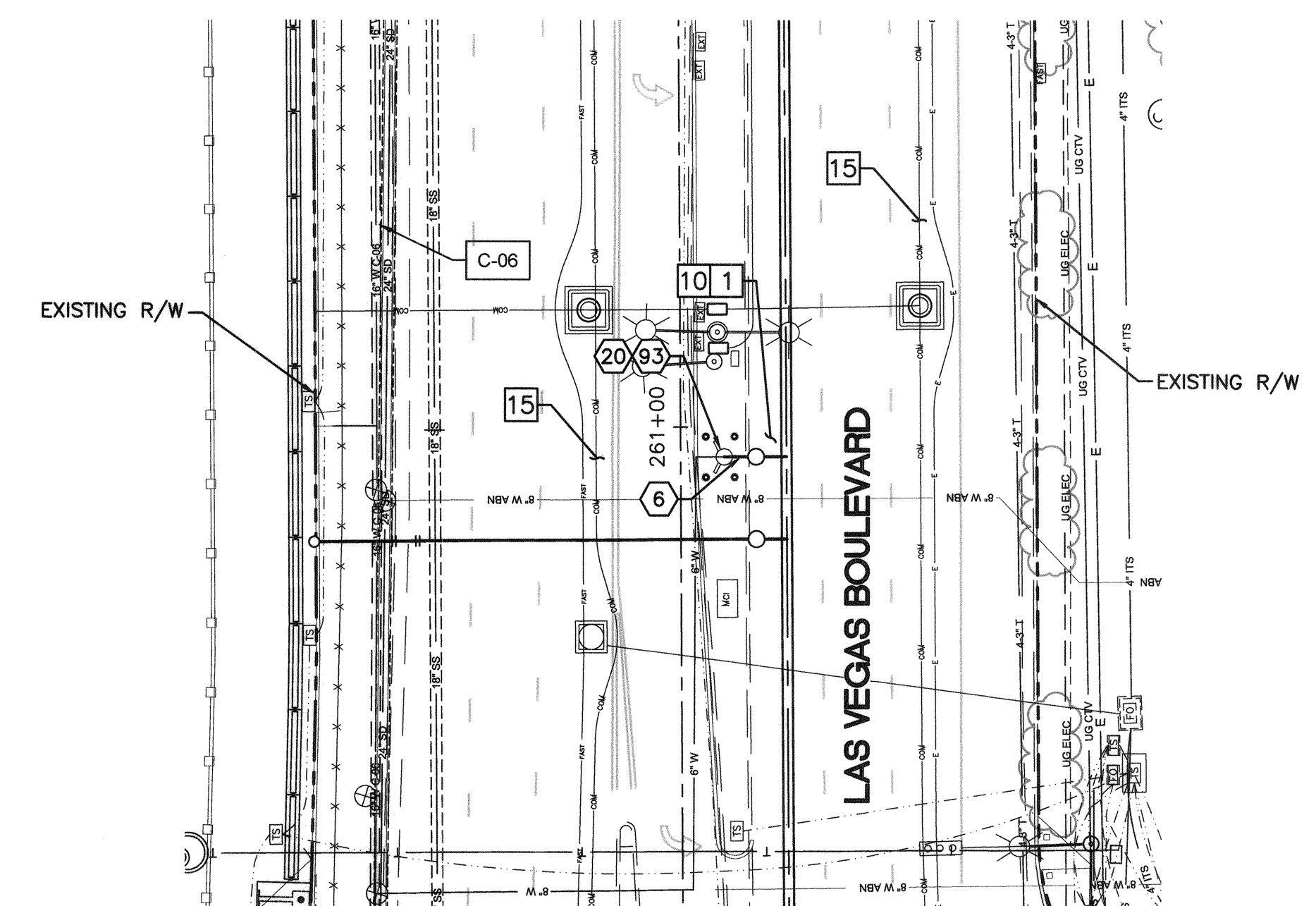
ISSUED FOR CONSTRUCTION

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS BID No.: 605203-19

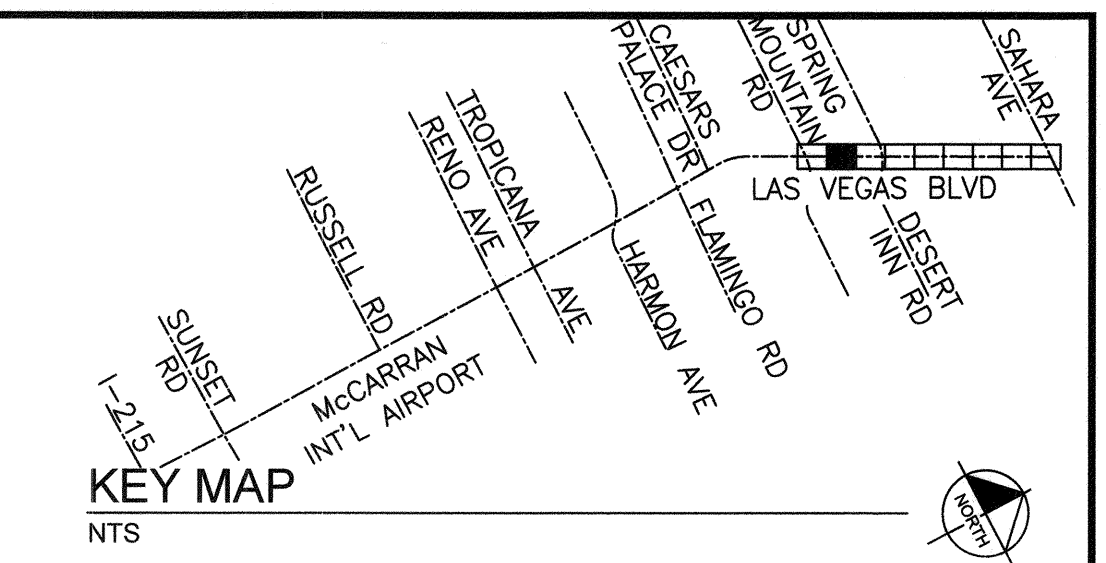
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS



10" WATER LATERAL RECONNECTION
STA: 260+83.50
SEE SHEET WT-04



6" WATER LATERAL RECONNECTION
STA: 260+95.57
SEE SHEET WT-04



CONSTRUCTION INDEX

- 6 INSTALL 6" DIP, PER UDACS
- 8 INSTALL 10" DIP, PER UDACS
- 20 INSTALL PROTECTIVE BOLLARD PER UDACS PLT NO. 75 ON WT-51
- 40 INSTALL 2" BLOW-OFF ASSEMBLY PER UDACS PLT NO. 36 ON SHT WT-48
- 93 RECONNECT/RELOCATE FIRE HYDRANT PER UDACS PLT NO. 40 & 41 ON SHT WT-50

CONSTRUCTION NOTES

- 1 SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
- 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
- 15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY
- 40 JOINTS TO BE FULLY RESTRAINED

NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

FOR EXISTING GAS LINES, EXACT DEPTH AND LOCATION UNKNOWN. CONTRACTOR TO LOCATE VERTICALLY AND HORIZONTALLY PRIOR TO ANY EXCAVATION OPERATIONS.

FIRE DEPARTMENT APPROVAL

BY: *[Signature]* DATE: 12-10-19

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS. *LP19-07819-2001*

APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVWD APPROVAL

APPROVED FOR CONSTRUCTION

[Signature]

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

CCWRD APPROVAL

[Signature] 11-25-19

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

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.

SAFETY ALERT

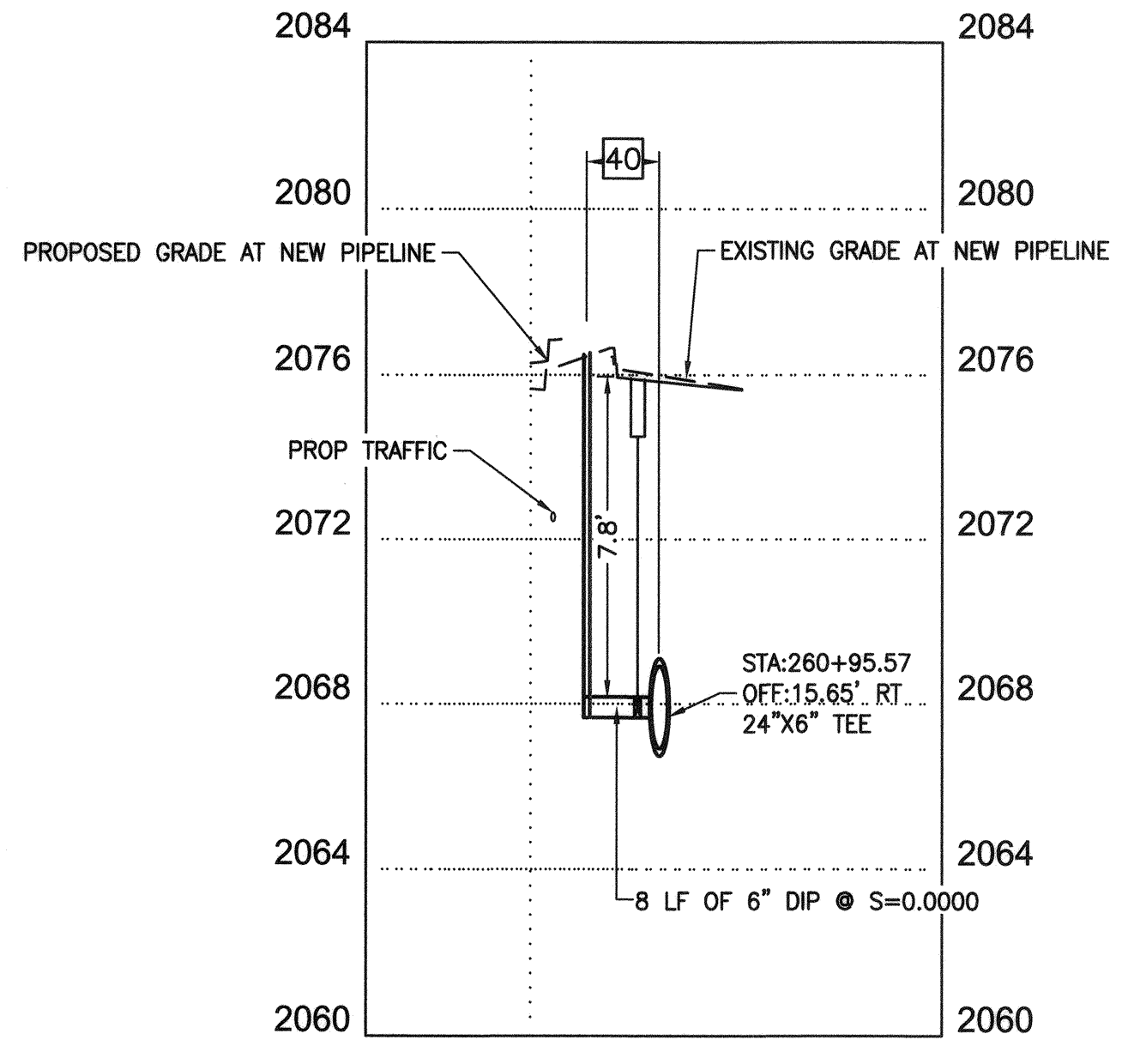
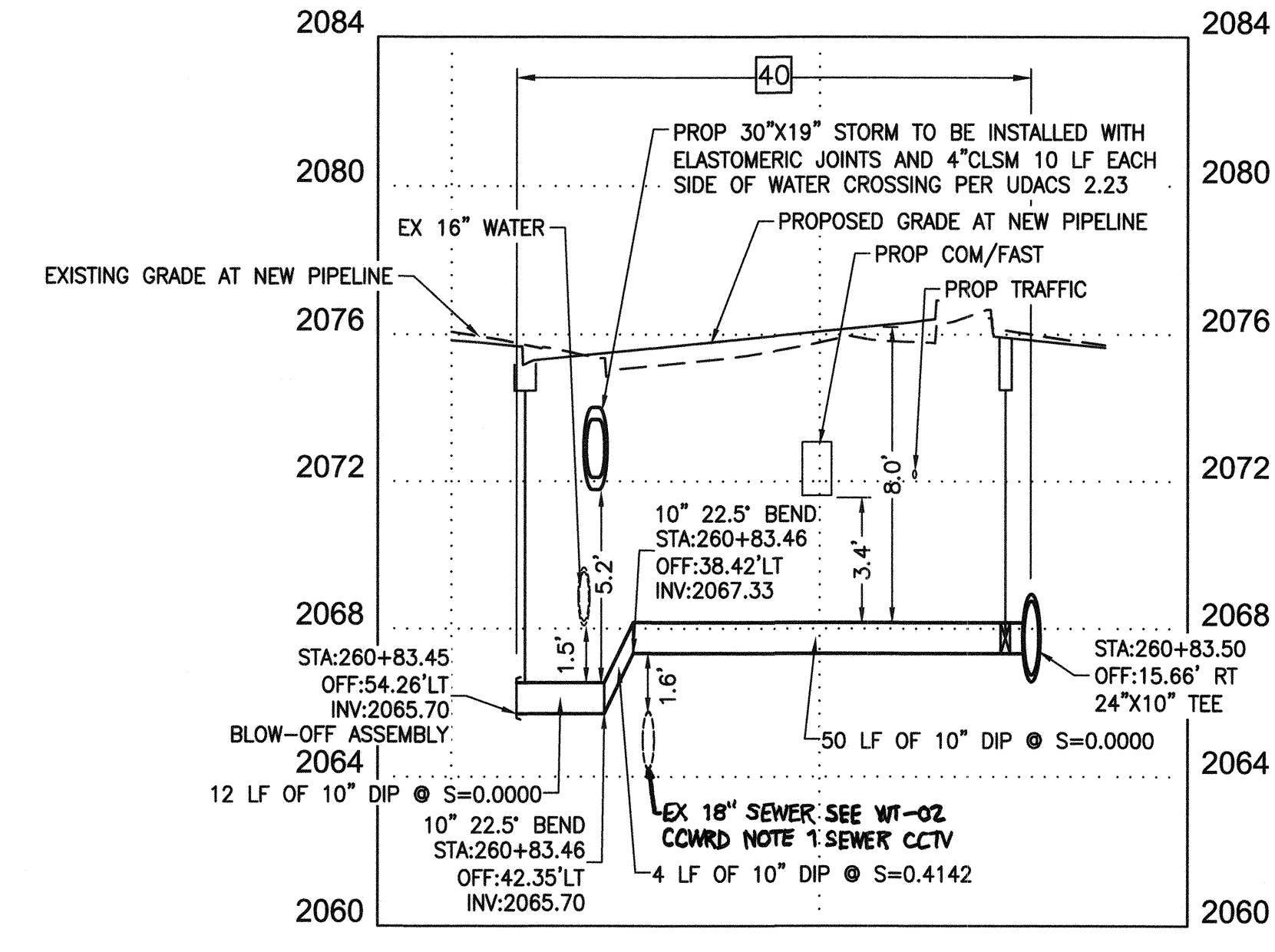
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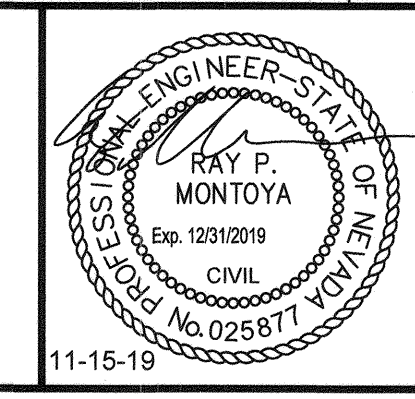
CALL BEFORE YOU DIG
 1-800-336-9133



NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
	APPROVED	



LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 WATERLINE IMPROVEMENT PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCR/VRC
 CHECKED BY: RPM
 DATE: 11-15-19

Kimley Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 863-3600

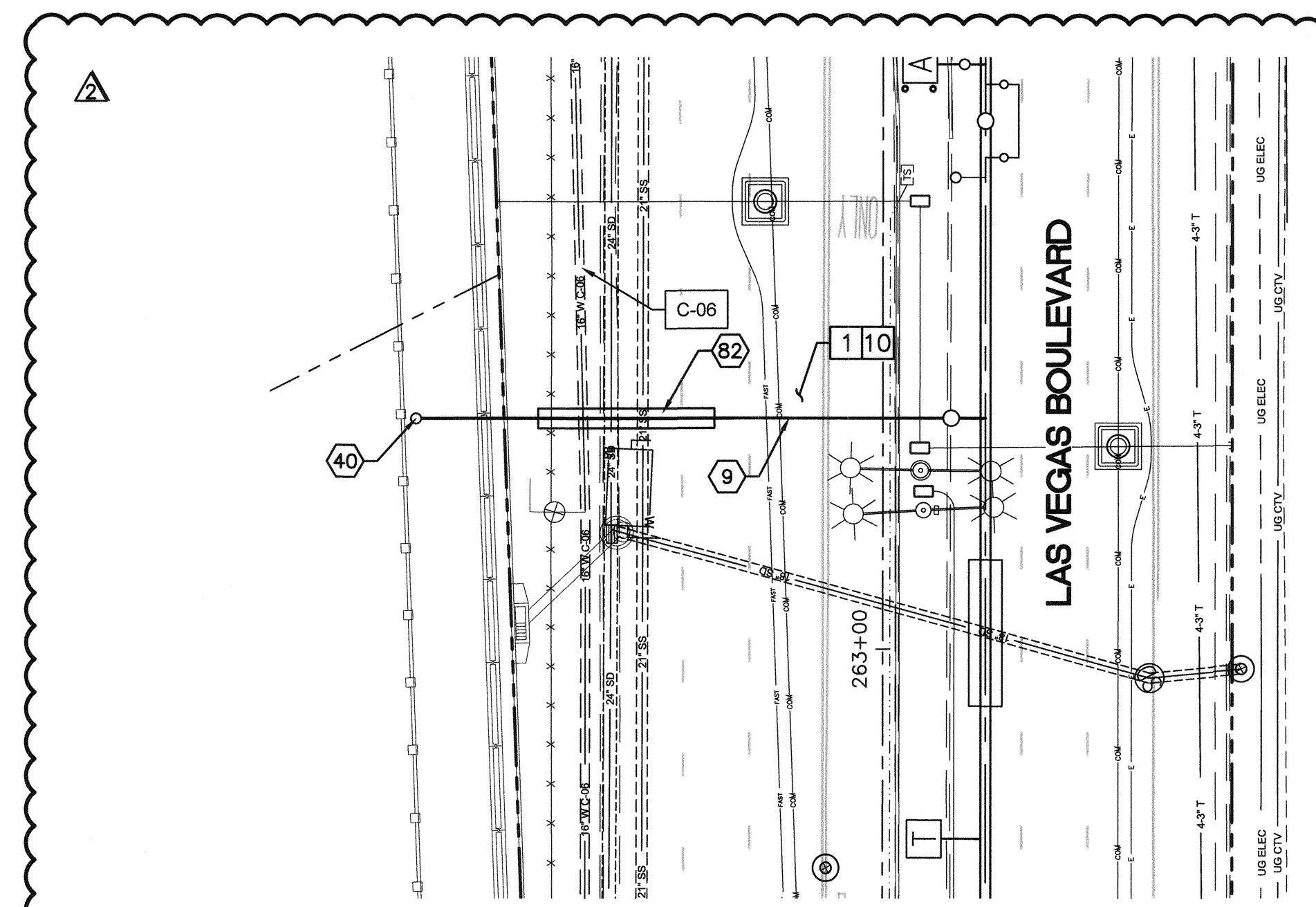
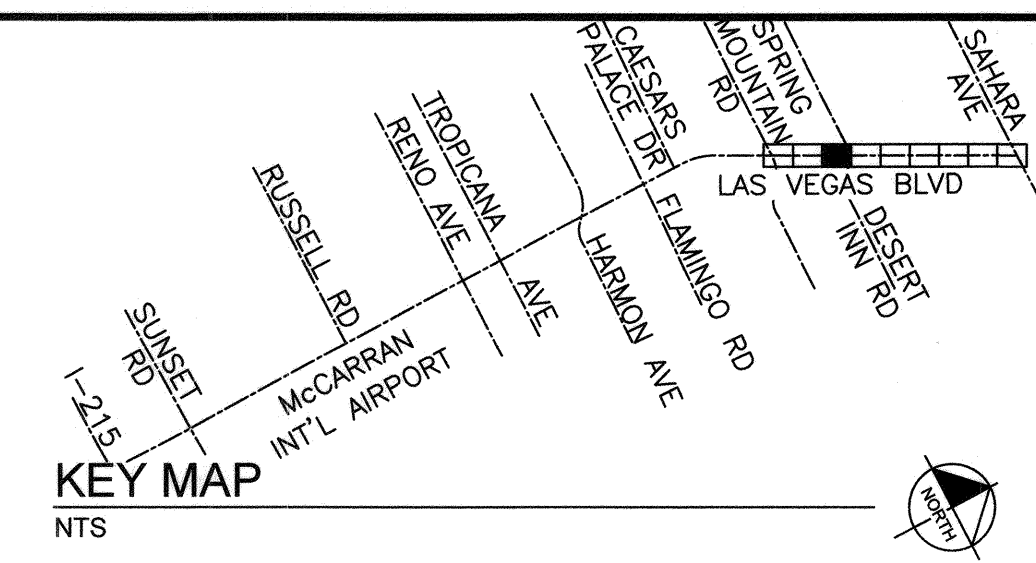
SCALE	HORIZ: 1" = 20'	VERT: 1" = 4'	SHEET No
FIELD BOOK	NONE		WT-16
			SHEET 123 OF 345
			L-2210

ISSUED FOR CONSTRUCTION

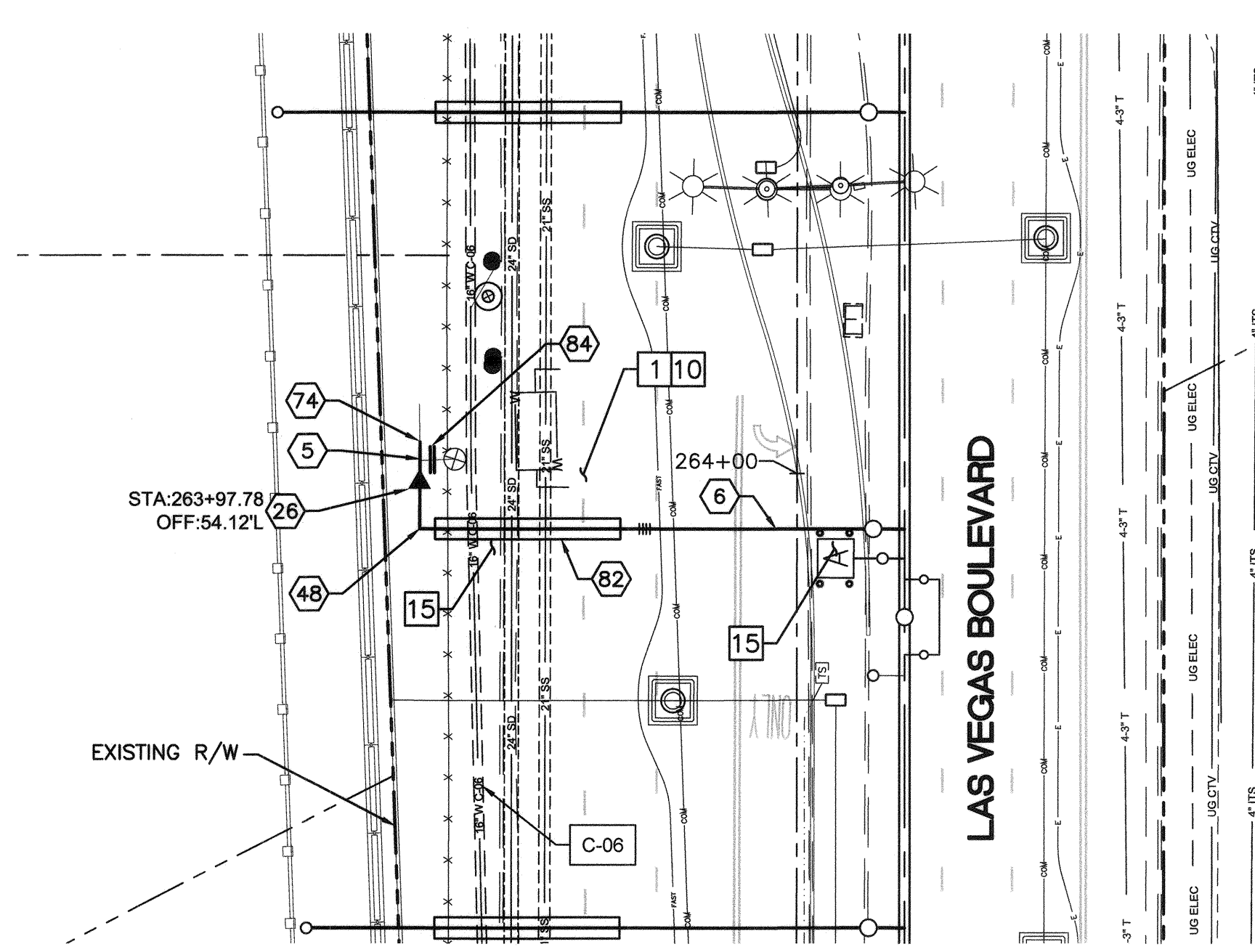
User: C:\Users\conrad\Documents\098313000_Las Vegas Blvd\CAD\LVBD Phase A Water Plans\C-1497-22-C-14.dwg / Path: K:\TUC_WaterResources\098313000_Las Vegas Blvd\CAD\LVBD Phase A Water Plans\C-1497-22-C-14.dwg / This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

BID No.: 605203-19

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS



12" WATER LATERAL RECONNECTION
STA: 263+34.97
SEE SHEET WT-05

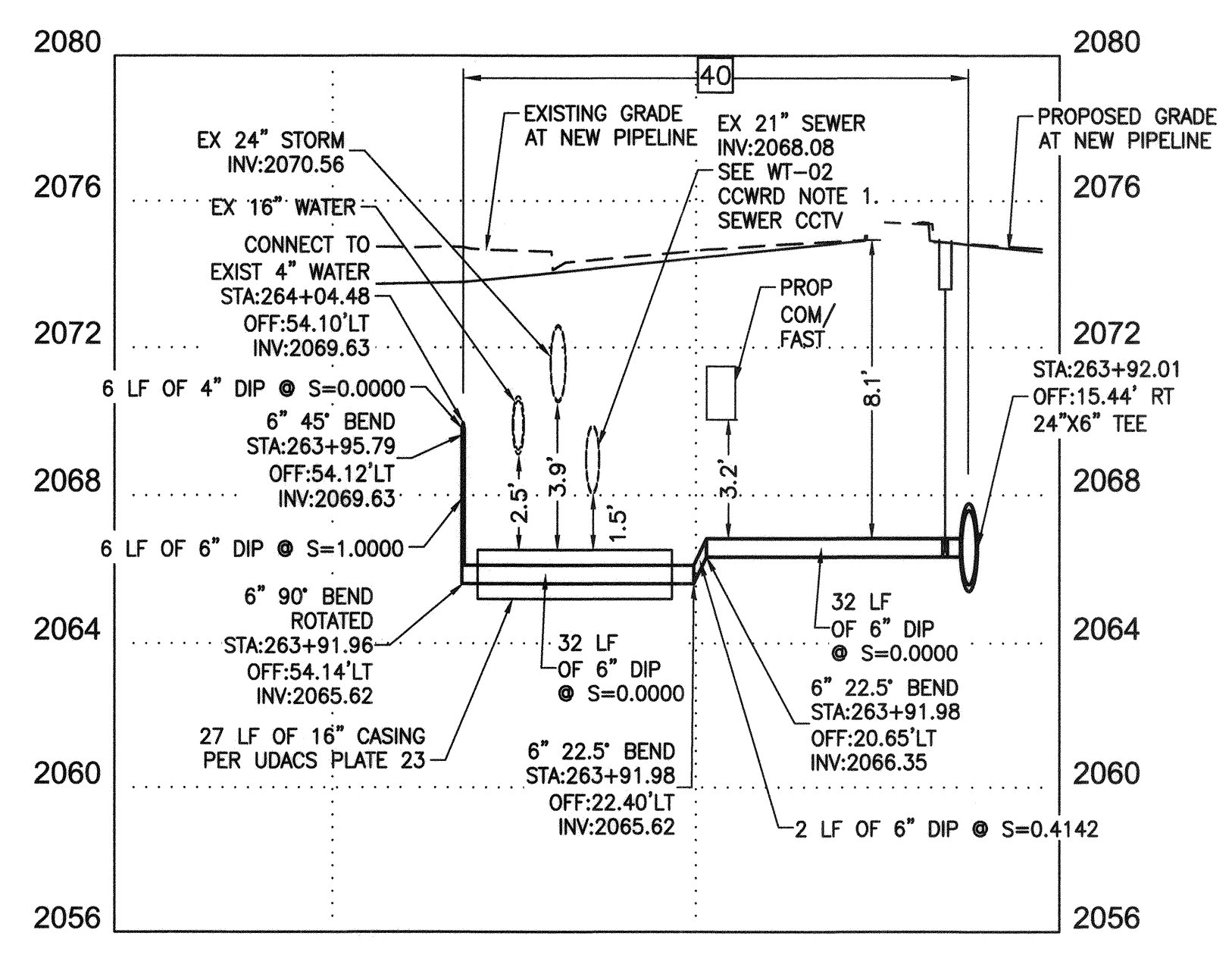
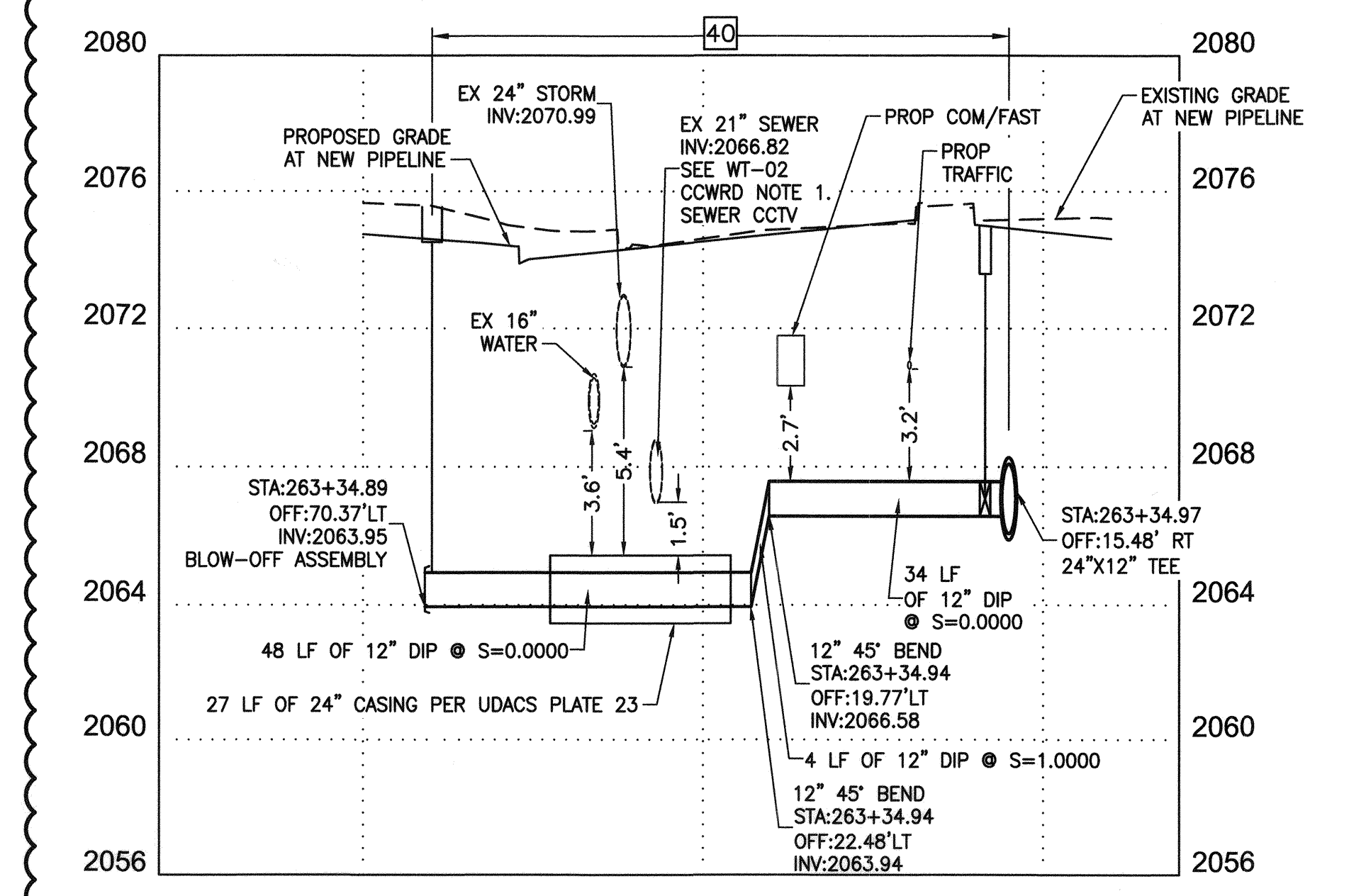


6" WATER LATERAL RECONNECTION
STA: 263+92.01
SEE SHEET WT-05

- CONSTRUCTION INDEX**
- 5 INSTALL 4" PIPE PER UDACS PLT NO. 4 ON WT-46
 - 6 INSTALL 6" DIP, PER UDACS
 - 9 INSTALL 12" DIP, PER UDACS
 - 26 INSTALL 6" x 4" REDUCER PER UDACS PLT NO. 30 ON WT-47
 - 40 INSTALL 2" BLOW-OFF ASSEMBLY PER UDACS PLT NO. 36 ON SHT WT-48
 - 48 INSTALL 6" x 90° BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
 - 74 CONNECT TO 4" EXIST. MAIN PIPE
 - 82 INSTALL PIPE CASING PER UDACS PLT NO. 22, 23 ON SHTS WT-46 & WT-47 & UDACS SEC 2.22
 - 84 CUT, PLUG & CAP EXISTING MAIN PIPE PER DETAIL "O" ON SHT WT-44
- CONSTRUCTION NOTES**
- 1 SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
 - 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
 - 15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.
 - 40 JOINTS TO BE FULLY RESTRAINED

NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

FOR EXISTING GAS LINES, EXACT DEPTH AND LOCATION UNKNOWN. CONTRACTOR TO LOCATE VERTICALLY AND HORIZONTALLY PRIOR TO ANY EXCAVATION OPERATIONS.



FIRE DEPARTMENT APPROVAL

BY: *[Signature]* DATE: 12-10-19

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS. *FD 19-07819-R001*

APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVVWD APPROVAL

APPROVED FOR CONSTRUCTION

[Signature]

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT

[Signature] DATE 11-25-19

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.

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1-800-336-9193

CALL BEFORE YOU DIG

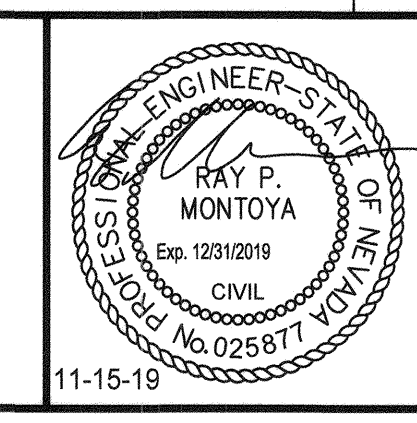
1-702-432-5300

User: Genardo Gonzalez Path: K:\TUC-WaterResources\098313000_LasVegasBldg\CADD\LVB-Phase A Water Plans\C-1497-23-C-C15.dwg / This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
APPROVED		



LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 WATERLINE IMPROVEMENT PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCR/VRC
 CHECKED BY: RPM
 DATE: 11-15-19

Kimley»Horn

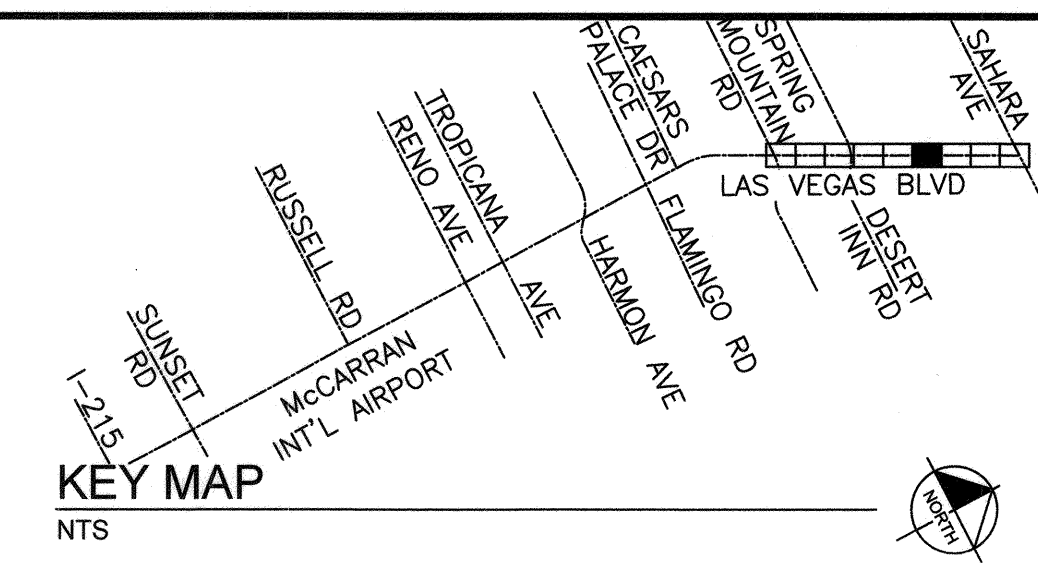
6871 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	WT-17
VERT: 1" = 4'	SHEET 124 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

BID No.: 605203-19

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS



CONSTRUCTION INDEX

- ⑦ INSTALL 8" DIP, PER UDACS
- ⑨ INSTALL 12" DIP, PER UDACS
- ②④ INSTALL 12" x 12" TAPPING SLEEVE & VALVE PER UDACS PLT NO. 34,35 & 39 ON SHTS WT-47 & WT-49 & UDACS SEC 3.19.05
- ⑤② INSTALL 8" x 90° BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
- ⑥⑩ INSTALL 12" x 90° BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
- ⑦⑥ CONNECT TO 8" EXIST. MAIN PIPE
- ⑧② INSTALL PIPE CASING PER UDACS PLT NO. 22, 23 ON SHTS WT-46 & WT-47 & UDACS SEC 2.22
- ⑧④ CUT, PLUG & CAP EXISTING MAIN PIPE PER DETAIL "O" ON SHT WT-44

CONSTRUCTION NOTES

- ① SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
 - ⑩ ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
 - ⑮ PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT. SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.
 - ⑰ PROPOSED INVERTED CONDUIT, SHOWN FOR REFERENCE ONLY
 - ④⑩ JOINTS TO BE FULLY RESTRAINED
- NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

FOR EXISTING GAS LINES, EXACT DEPTH AND LOCATION UNKNOWN. CONTRACTOR TO LOCATE VERTICALLY AND HORIZONTALLY PRIOR TO ANY EXCAVATION OPERATIONS.

FIRE DEPARTMENT APPROVAL
 BY: *E. Kamishi* DATE: 12-10-19
 APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS. **FP19-07819-2001**
 APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVVWD APPROVAL

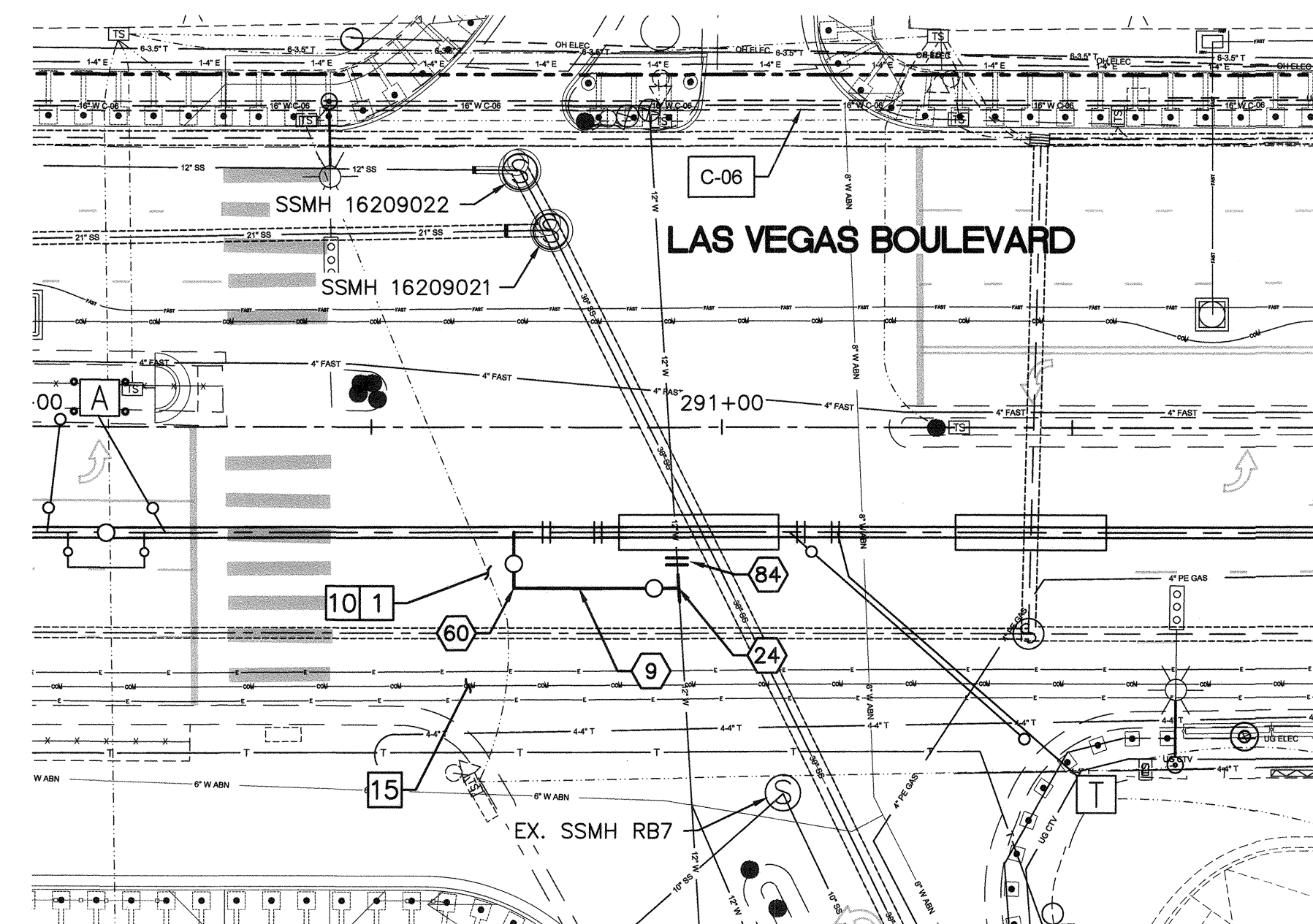
APPROVED FOR CONSTRUCTION
Ray Montoya
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

CCWRD APPROVAL

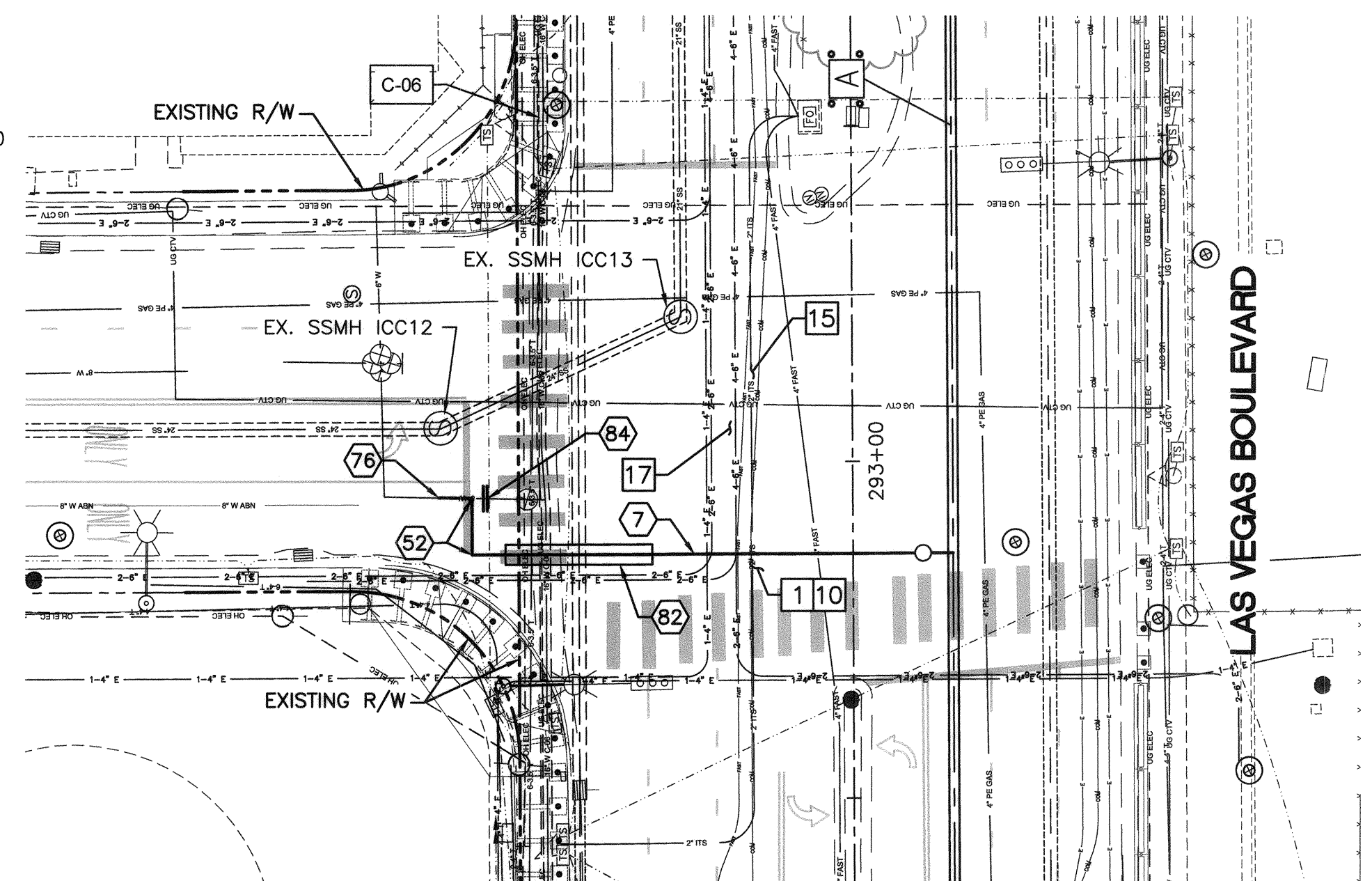
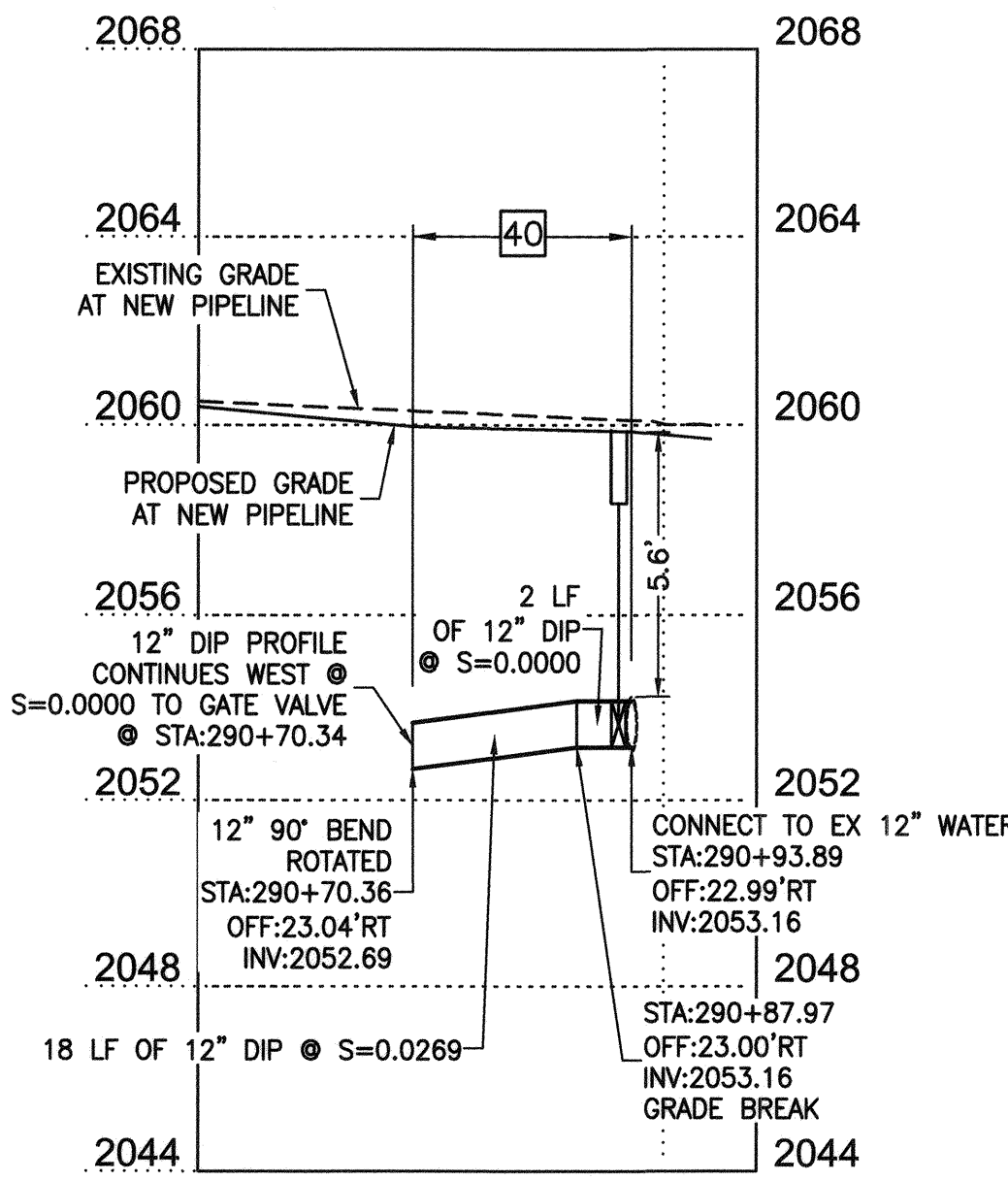
Ray Montoya 11-25-19
 CLARK COUNTY WATER RECLAMATION DISTRICT
 CCWRD PIPES NUMBER IS #19-949
 SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

811 SAFETY ALERT
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 know what's below Call before you dig
 1-702-227-2929

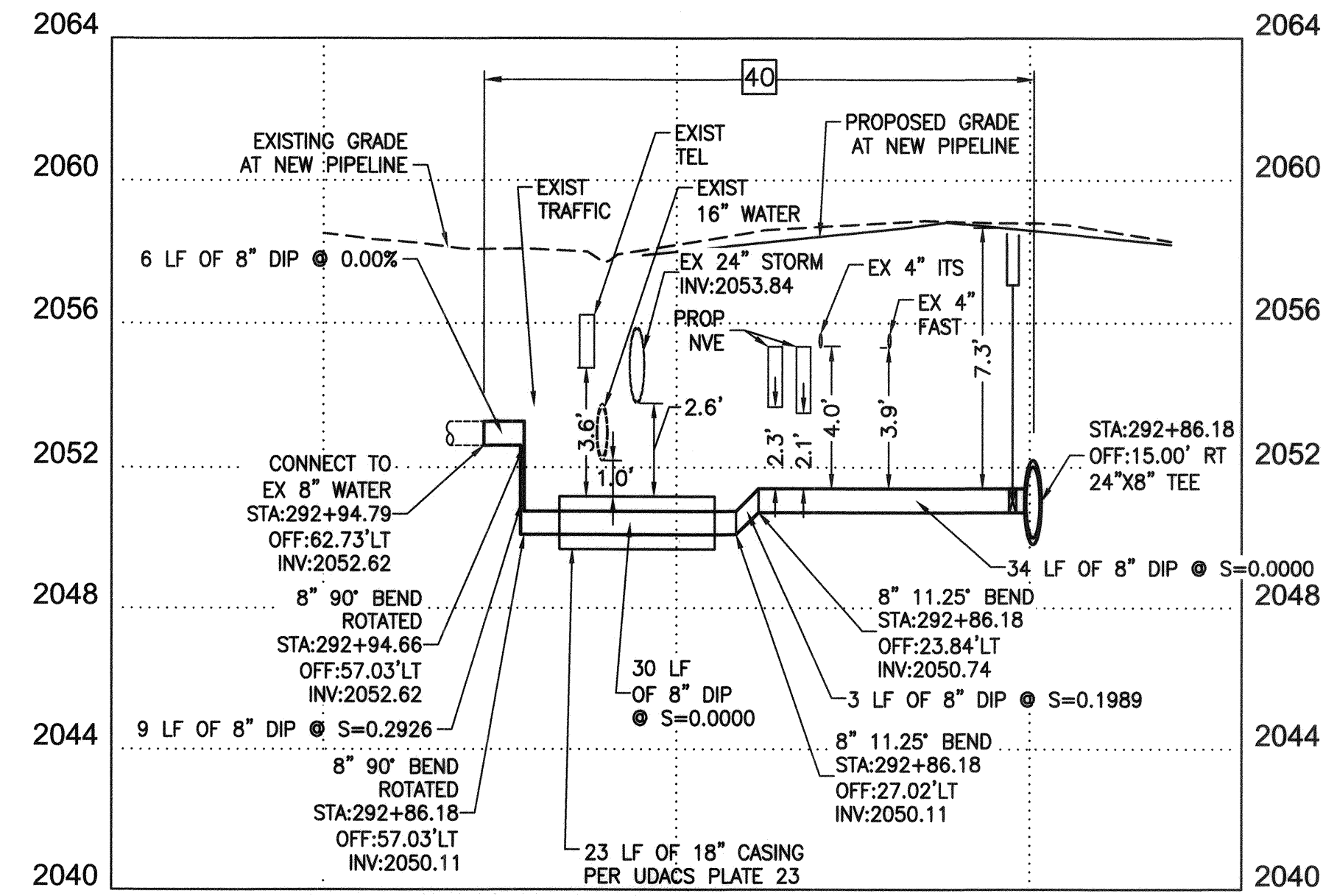
UNION PACIFIC RAILROAD
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 1-800-336-9193



**12" WATER LATERAL RECONNECTIONS
 STA: 290+70.34
 SEE SHEET WT-08**



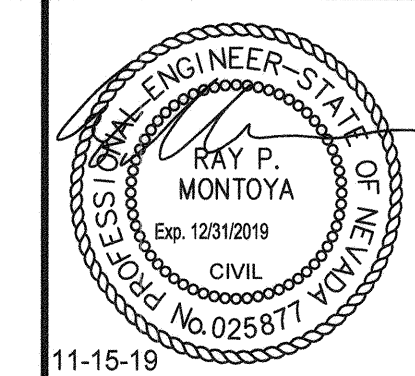
**8" WATER LATERAL RECONNECTION
 STA: 292+86.18
 SEE SHEET WT-08**



NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
	APPROVED	



**LAS VEGAS BOULEVARD
 ROADWAY IMPROVEMENTS**
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 WATERLINE IMPROVEMENT PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCR/VRC
 CHECKED BY: RPM
 DATE: 11-15-19

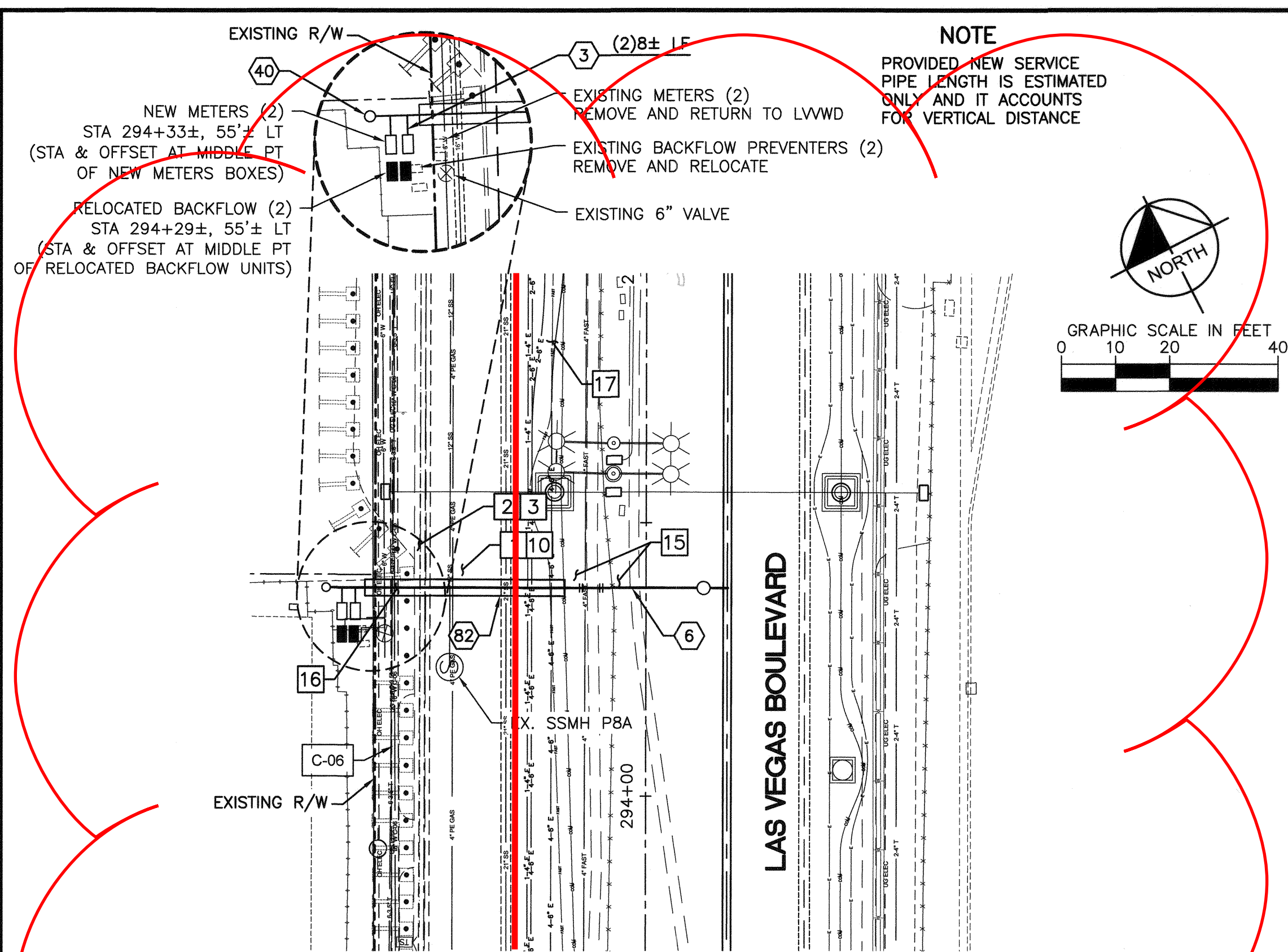
Kimley Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	WT-21
VERT: 1" = 4'	SHEET 128 OF 345
FIELD BOOK NONE	L-2210

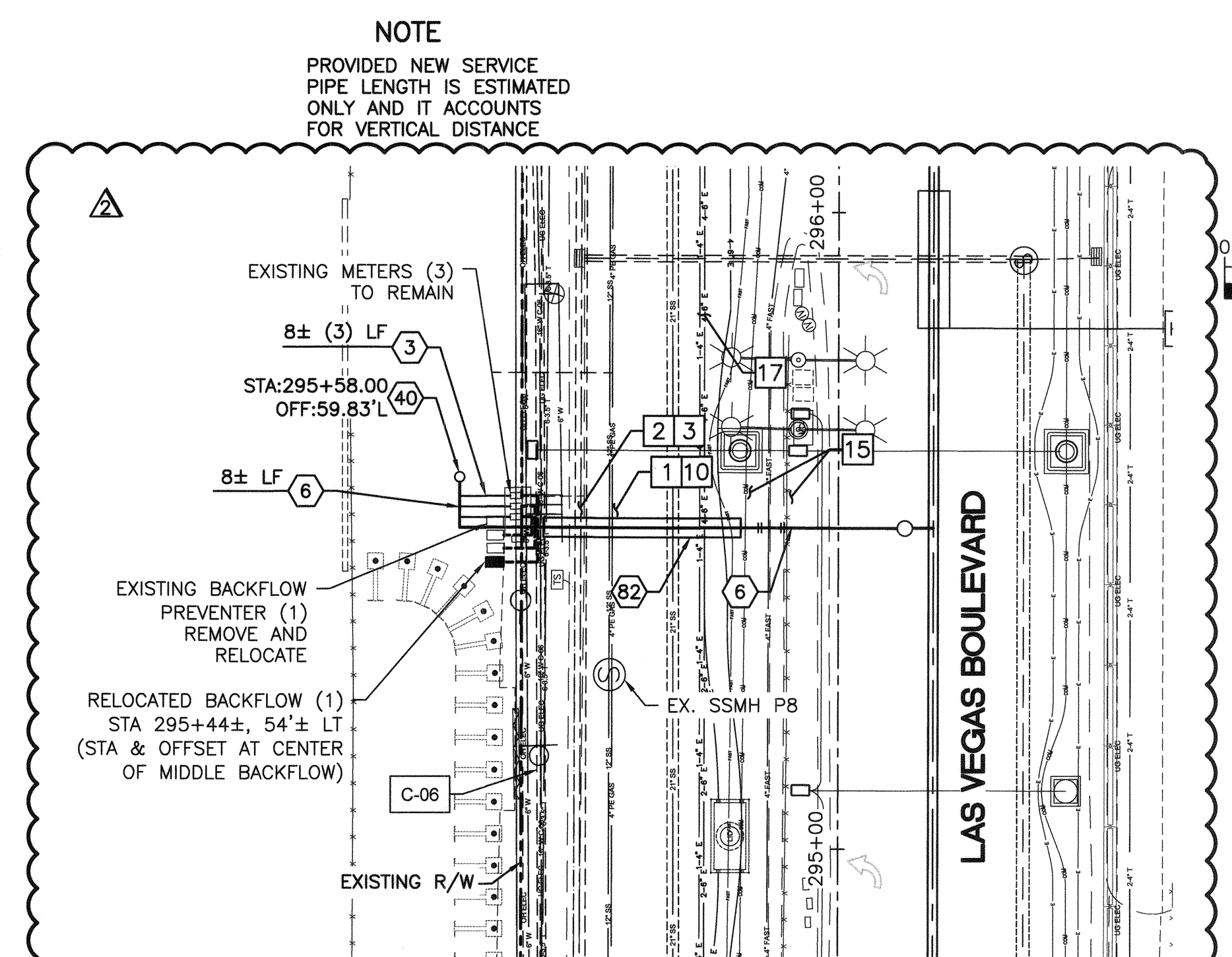
ISSUED FOR CONSTRUCTION

User: C:\Users\kconrad\OneDrive\Documents\098313000_LasVegasBoulevard\Phase A Water Plans\C-1497-27-C-C18.dwg / Path: K:\TUC\WaterResources\098313000_LasVegasBoulevard\Phase A Water Plans\C-1497-27-C-C18.dwg / This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adoption by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

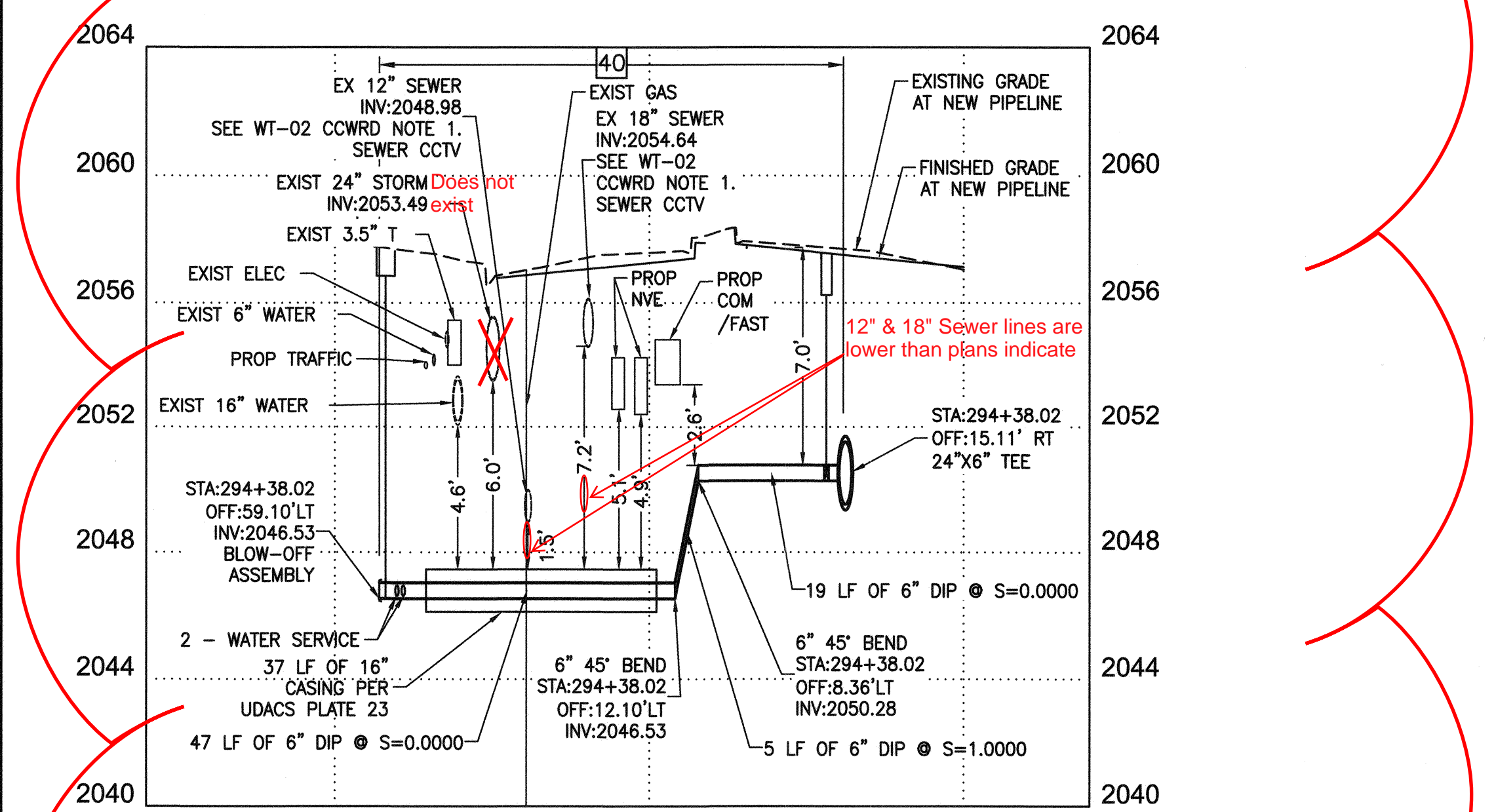
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS



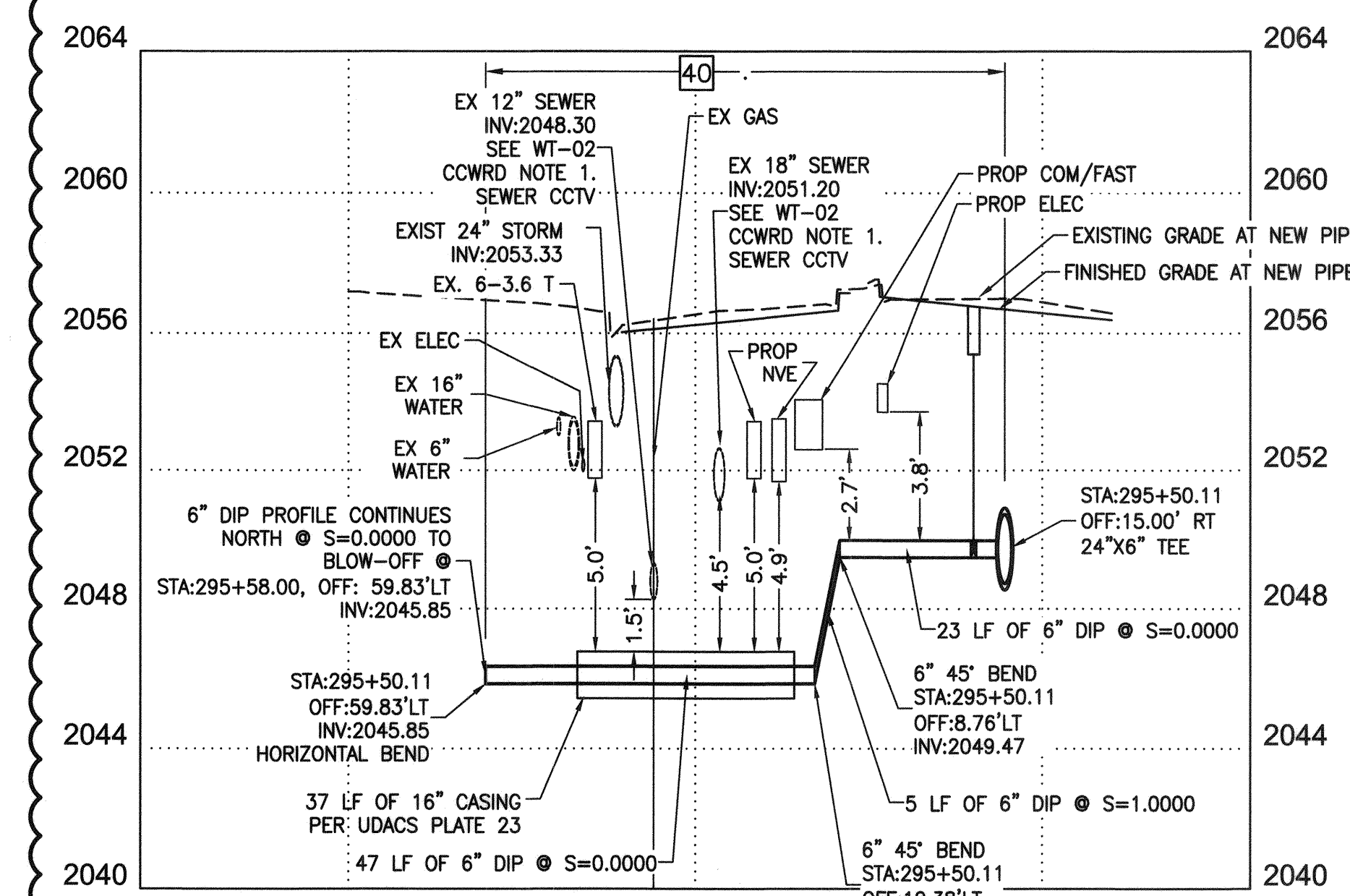
6" WATER LATERAL RECONNECTION
STA: 294+38.02
SEE SHEET WT-08



6" WATER LATERAL RECONNECTION
STA: 295+50.11
SEE SHEET WT-08



RFI 045 - The contractors proposed solution to lower the water lateral is acceptable. The contractor shall install the water lateral at sufficient depth to provide 18" of clearance between the existing sewer pipes and the proposed steel casing, per UDACS Plate 22.



CONSTRUCTION INDEX

- 3 INSTALL 2" SERVICE PIPE PER UDACS PLT NO. 4 ON WT-46
- 6 INSTALL 6" DIP, PER UDACS
- 40 INSTALL 2" BLOW-OFF ASSEMBLY PER UDACS PLT NO. 36 ON SHT WT-48
- 82 INSTALL PIPE CASING PER UDACS PLT NO. 22, 23 ON SHTS WT-46 & WT-47 & UDACS SEC 2.22

CONSTRUCTION NOTES

- 1 SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
- 2 REMOVE & REPLACE "L" TYPE CURB & GUTTER PER CCAUSD DWG. NO. 216
- 3 REMOVE & REPLACE SIDEWALK PER CCAUSD DWG. NO. 234
- 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
- 15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.
- 16 CONTRACTOR TO ASSESS NEW WATER SLEEVE INSTALLATION UNDER FUTURE BOLLARDS SECS
- 17 PROPOSED NVENERGY CONDUIT, SHOWN FOR REFERENCE ONLY

40 JOINTS TO BE FULLY RESTRAINED

NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

FOR EXISTING GAS LINES, EXACT DEPTH AND LOCATION UNKNOWN. CONTRACTOR TO LOCATE VERTICALLY AND HORIZONTALLY PRIOR TO ANY EXCAVATION OPERATIONS.

FIRE DEPARTMENT APPROVAL

BY: *E. Kaminski* DATE: 12-10-19

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS.

APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVVWD APPROVAL

APPROVED FOR CONSTRUCTION

[Signature]

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT

[Signature] DATE 11-25-19

CCWRD PIPES NUMBER IS #19,949

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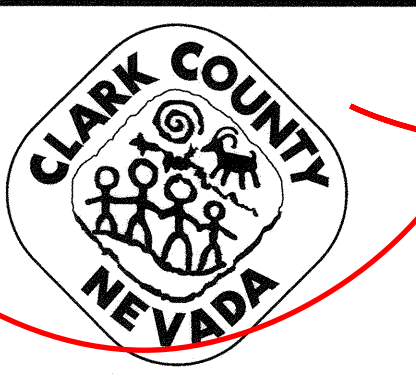
Call Before You Dig

UnderGround

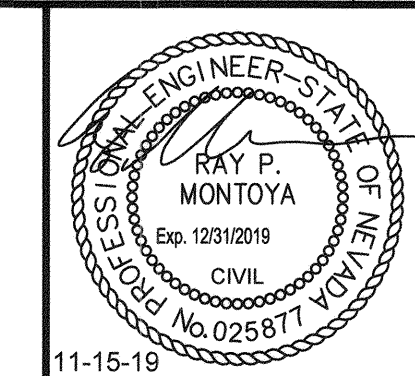
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1-800-336-9193

NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
APPROVED		



LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
WATERLINE IMPROVEMENT PLANS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCR/VRC
 CHECKED BY: RPM
 DATE: 11-15-19

SCALE
 HORIZ: 1" = 20'
 VERT: 1" = 4'

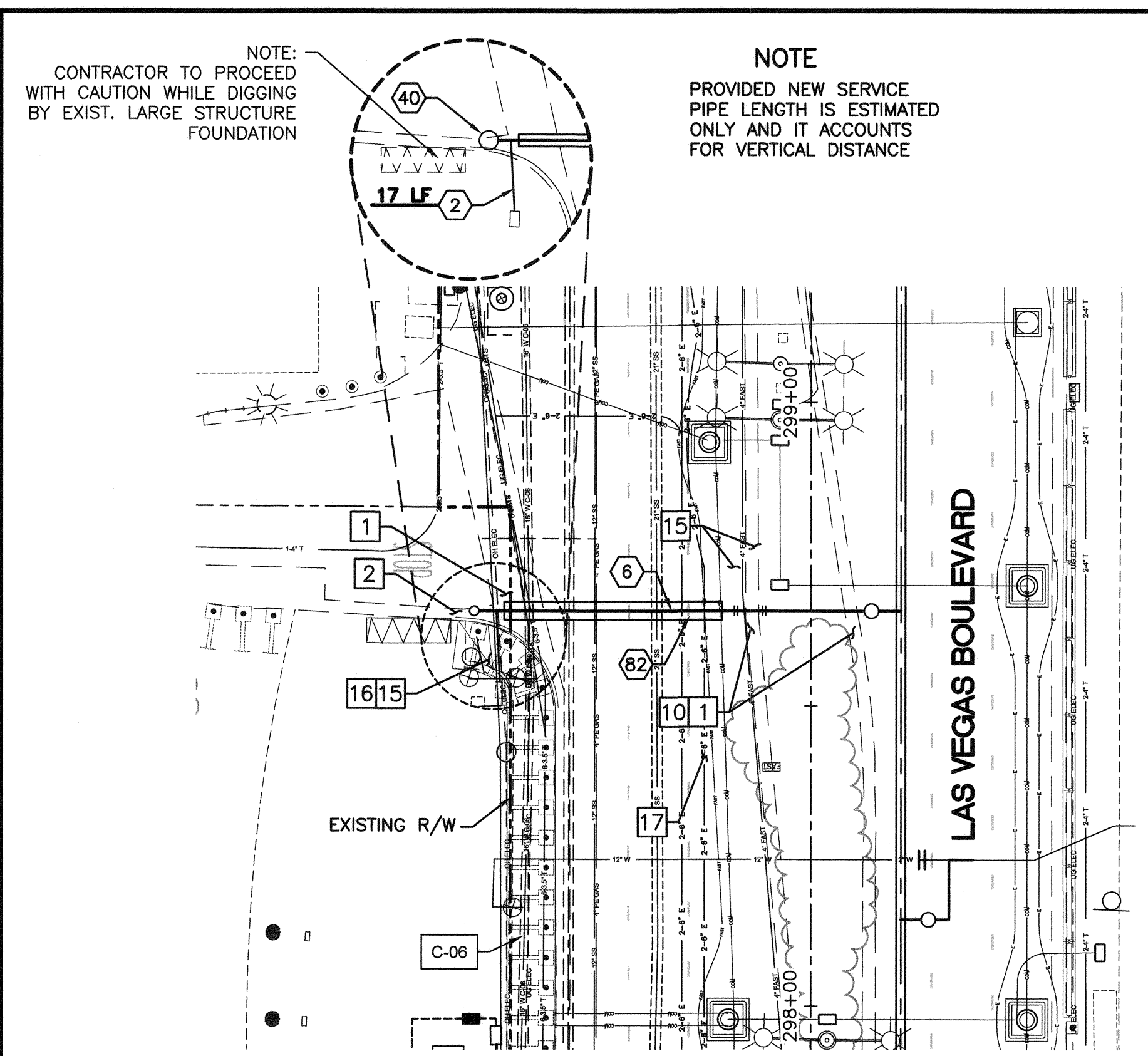
SHEET No. **WT-22**
 SHEET 129 OF 345
 L-2210

Kimley»Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

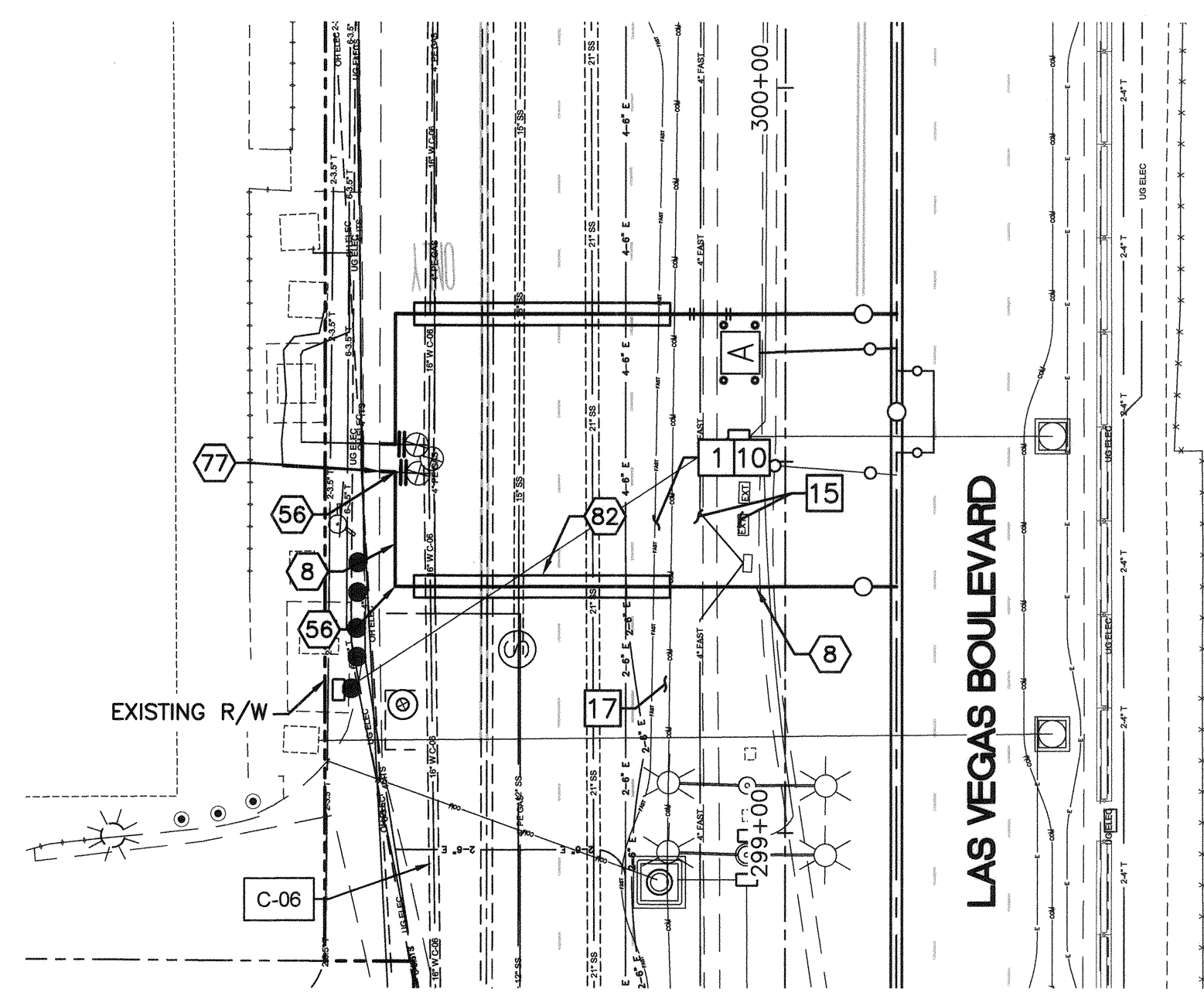
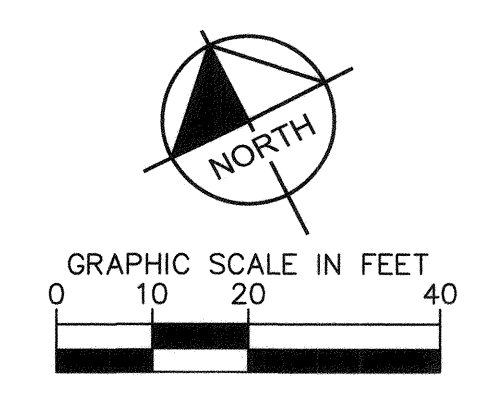
ISSUED FOR CONSTRUCTION

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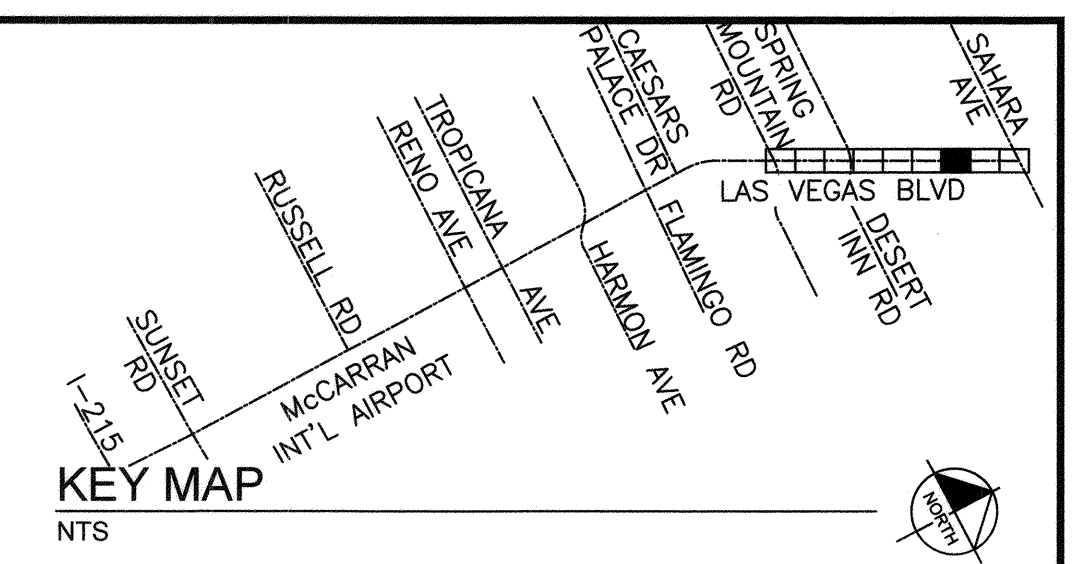
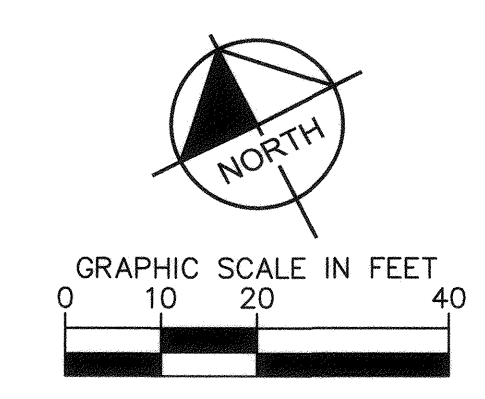
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS



6" WATER SERVICE RECONNECTION
STA: 298+65.67
SEE SHEET WT-09



10" WATER SERVICE RECONNECTION
STA: 299+33.26
SEE SHEET WT-09



- CONSTRUCTION INDEX**
- (2) INSTALL 1-1/2" SERVICE PIPE PER UDACS PLT NO. 4 ON WT-46
 - (6) INSTALL 6" DIP, PER UDACS
 - (8) INSTALL 10" DIP, PER UDACS
 - (40) INSTALL 2" BLOW-OFF ASSEMBLY PER UDACS PLT NO. 36 ON SHT WT-48
 - (56) INSTALL 10" x 90° BEND W/RESTRAINED JOINT PER UDACS SEC 2.15
 - (77) CONNECT TO 10" EXIST. MAIN PIPE
 - (82) INSTALL PIPE CASING PER UDACS PLT NO. 22, 23 ON SHTS WT-46 & WT-47 & UDACS SEC 2.22

- CONSTRUCTION NOTES**
- 1 SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
 - 2 REMOVE & REPLACE "L" TYPE CURB & GUTTER PER CCAUD DWG. NO. 216
 - 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
 - 15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.
 - 16 CONTRACTOR TO ASSESS NEW WATER SLEEVE INSTALLATION UNDER FUTURE BOLLARDS SECS
 - 17 PROPOSED NVENERGY CONDUIT, SHOWN FOR REFERENCE ONLY

40 JOINTS TO BE FULLY RESTRAINED

NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.

FOR EXISTING GAS LINES, EXACT DEPTH AND LOCATION UNKNOWN. CONTRACTOR TO LOCATE VERTICALLY AND HORIZONTALLY PRIOR TO ANY EXCAVATION OPERATIONS.

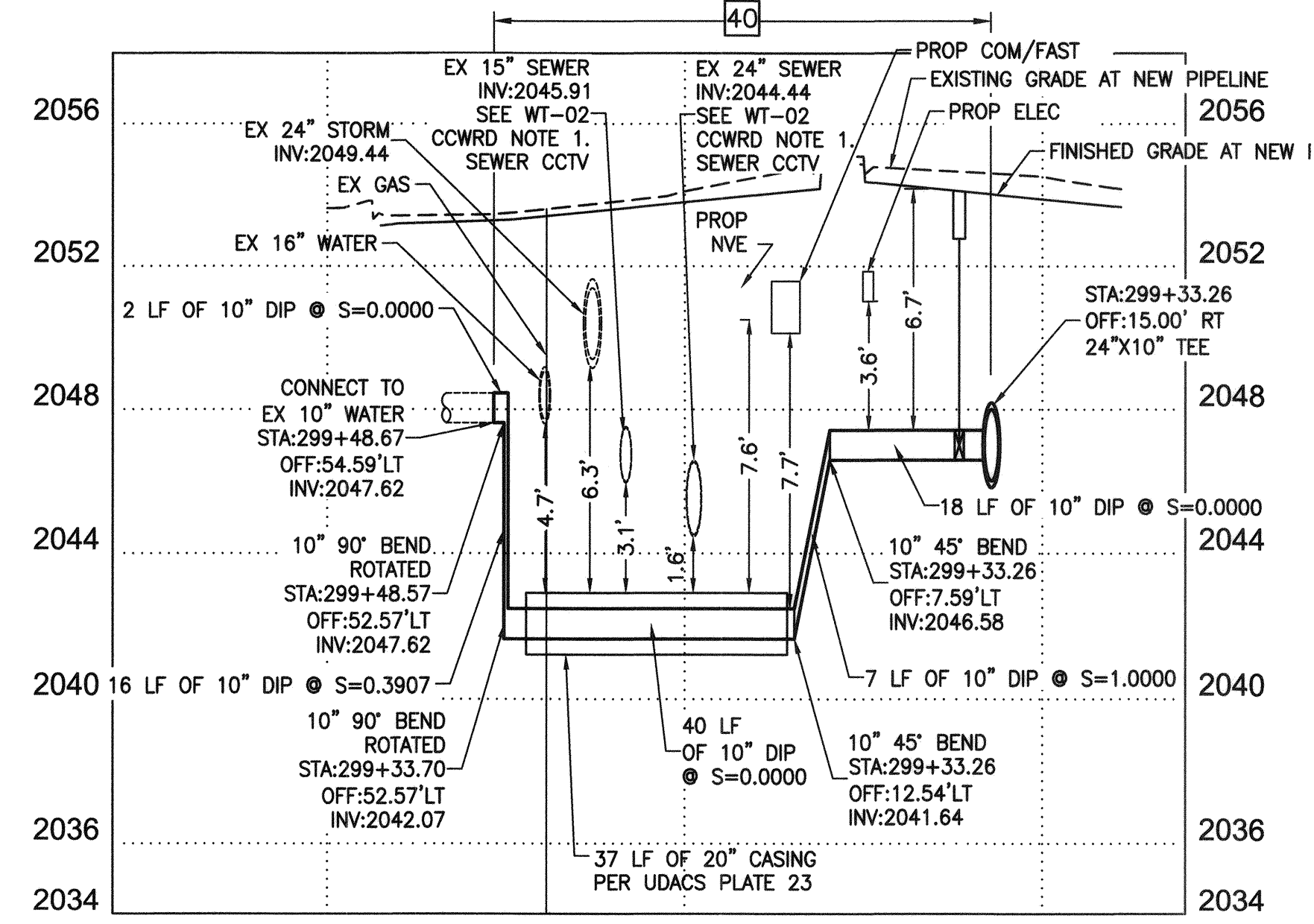
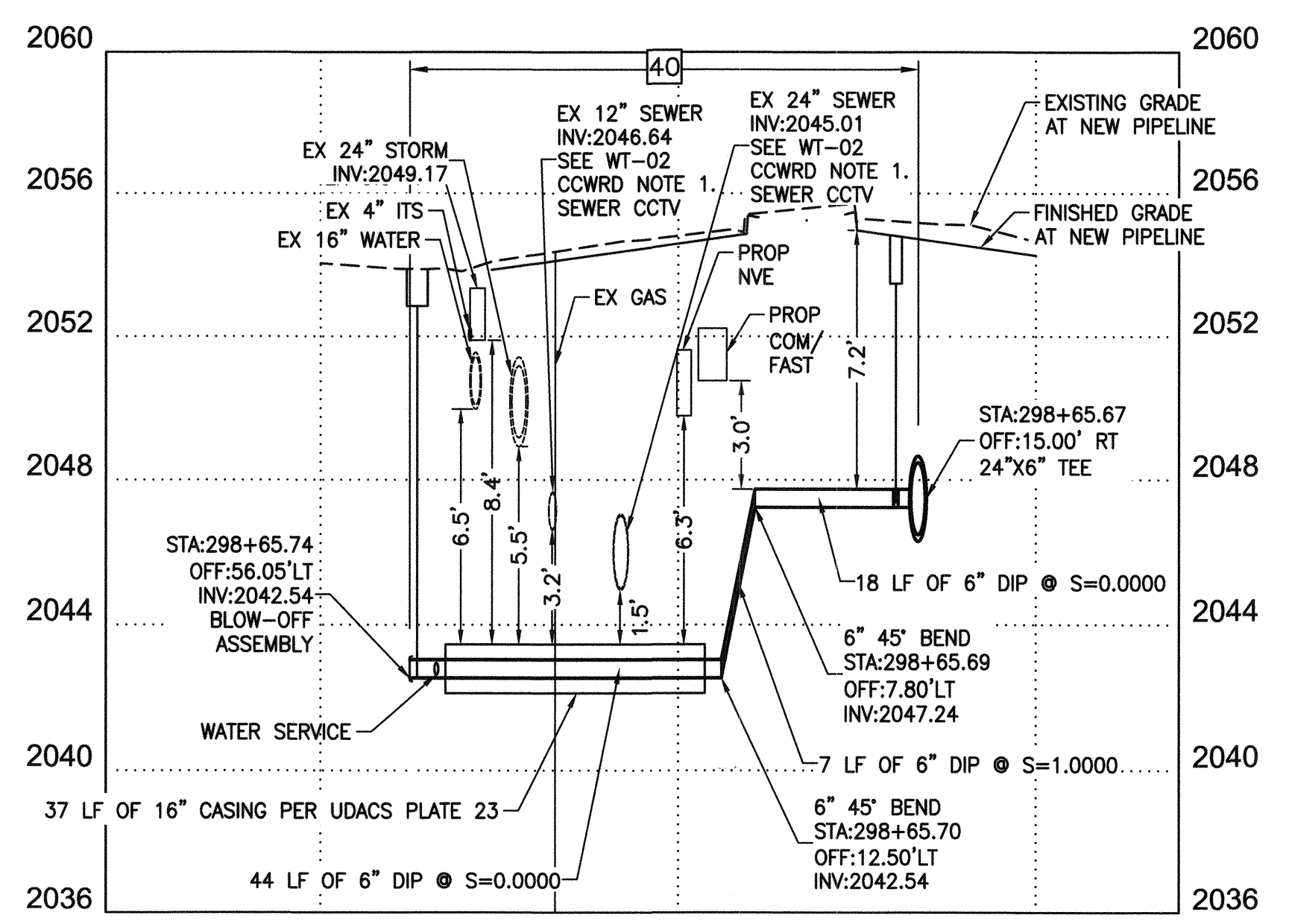
FIRE DEPARTMENT APPROVAL
 BY: *[Signature]* DATE: 12-10-19
 APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS. *FD19-07519-0001*
 APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVVWD APPROVAL
 APPROVED FOR CONSTRUCTION
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

CCWRD APPROVAL
 CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE 11-25-19
 CCWRD PIPES NUMBER IS #19,949
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SAFETY ALERT
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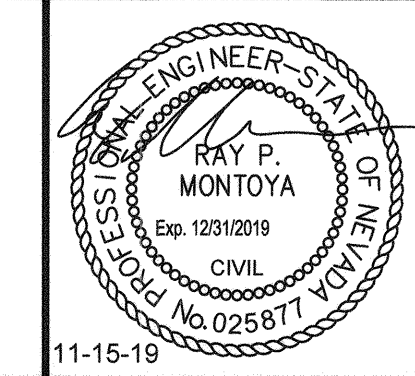
UNION PACIFIC RAILROAD
 Call Before You Dig
 1-800-336-9193



NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
APPROVED		



LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 WATERLINE IMPROVEMENT PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



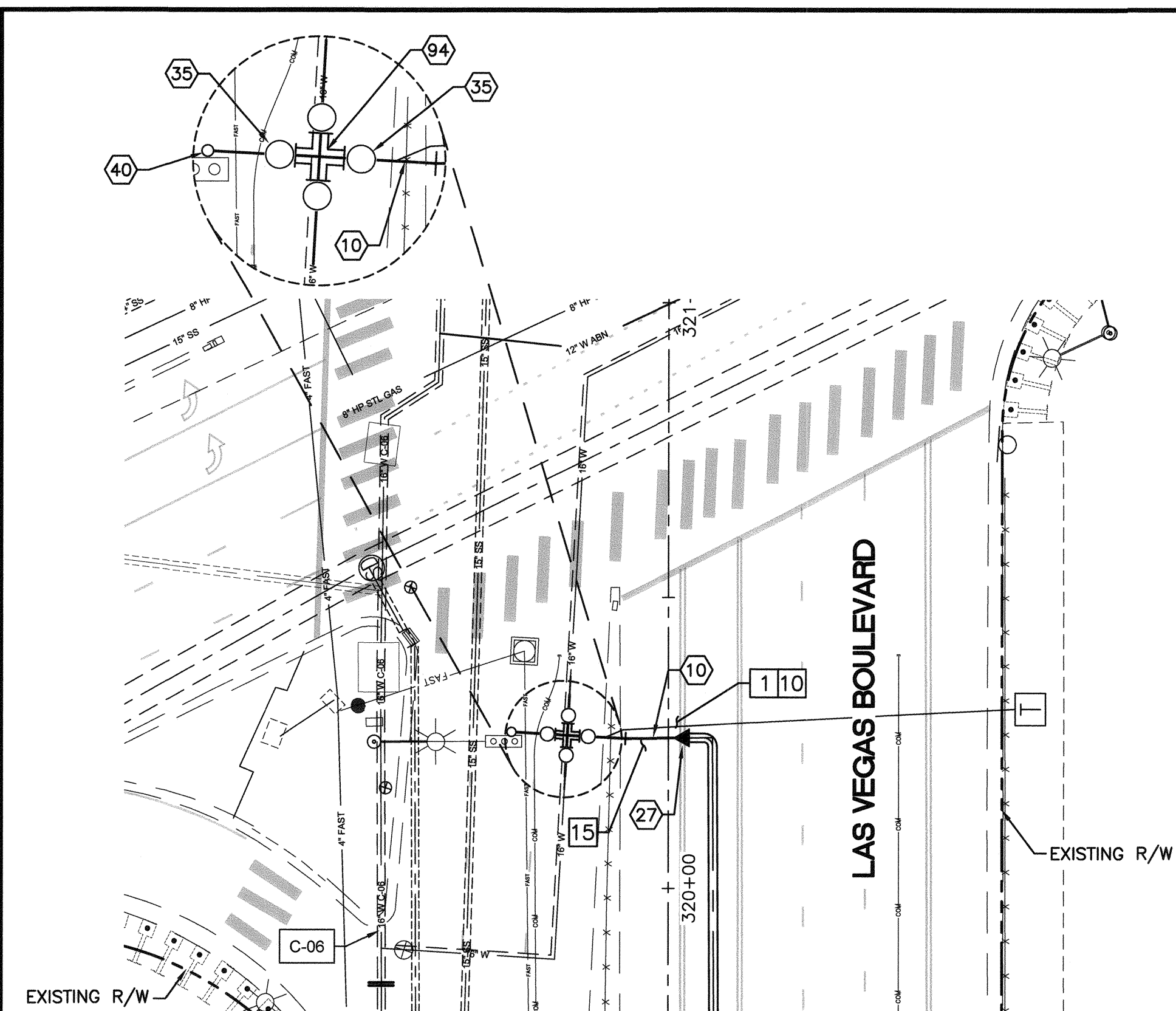
DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCR/RRC
 CHECKED BY: RPM
 DATE: 11-15-19

Kimley Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119

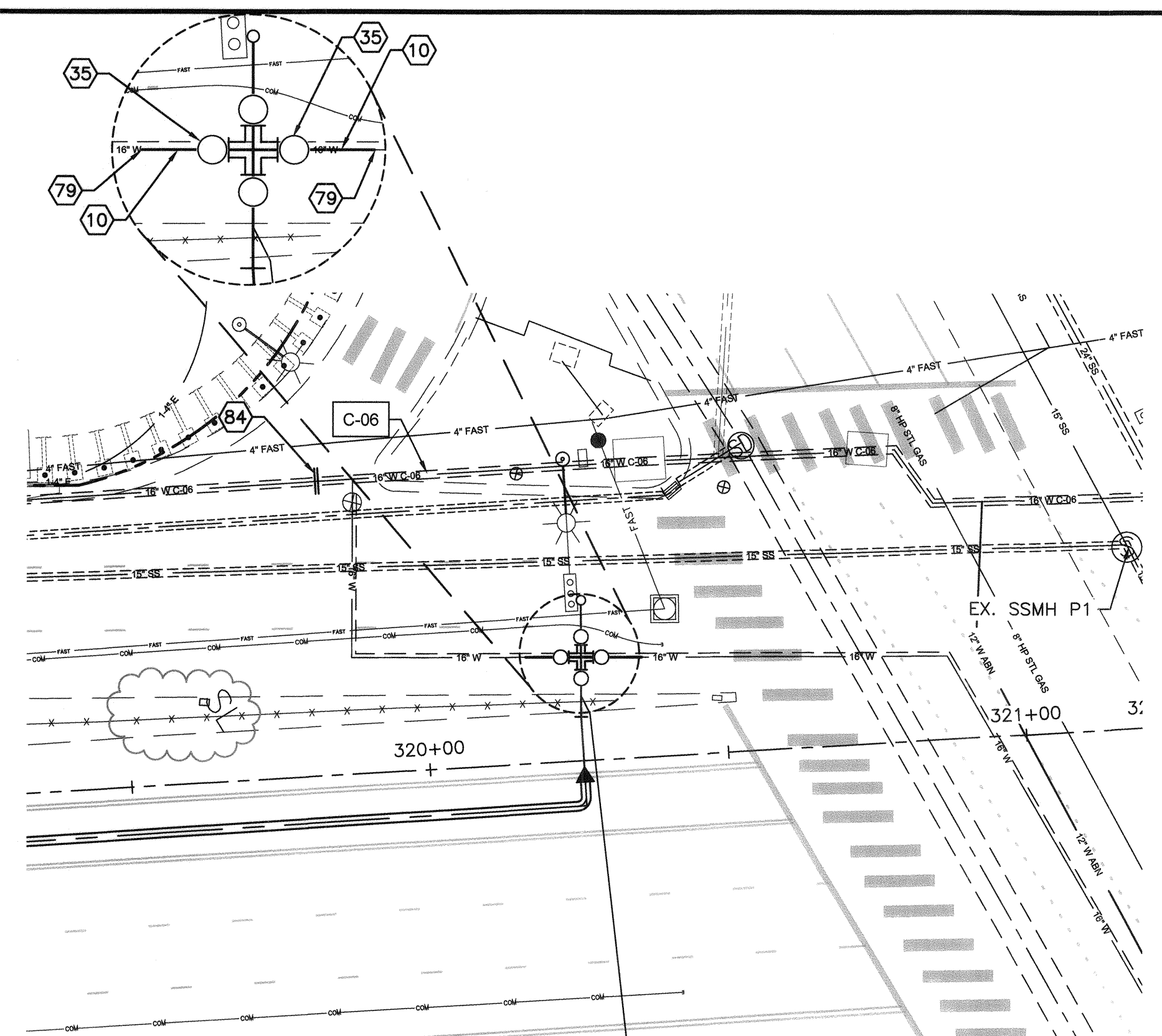
SCALE	SHEET No
HORIZ: 1" = 20'	WT-24
VERT: 1" = 4'	SHEET 131 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

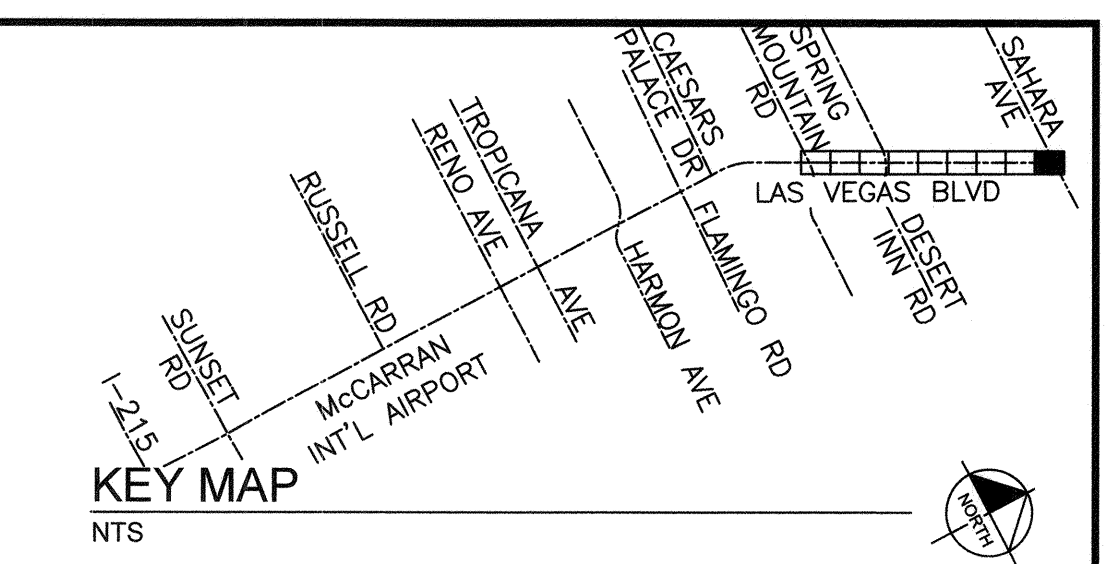
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16" AND 24" WATER MAIN CONNECTION
STA: 320+26.00
SEE SHEET WT-11

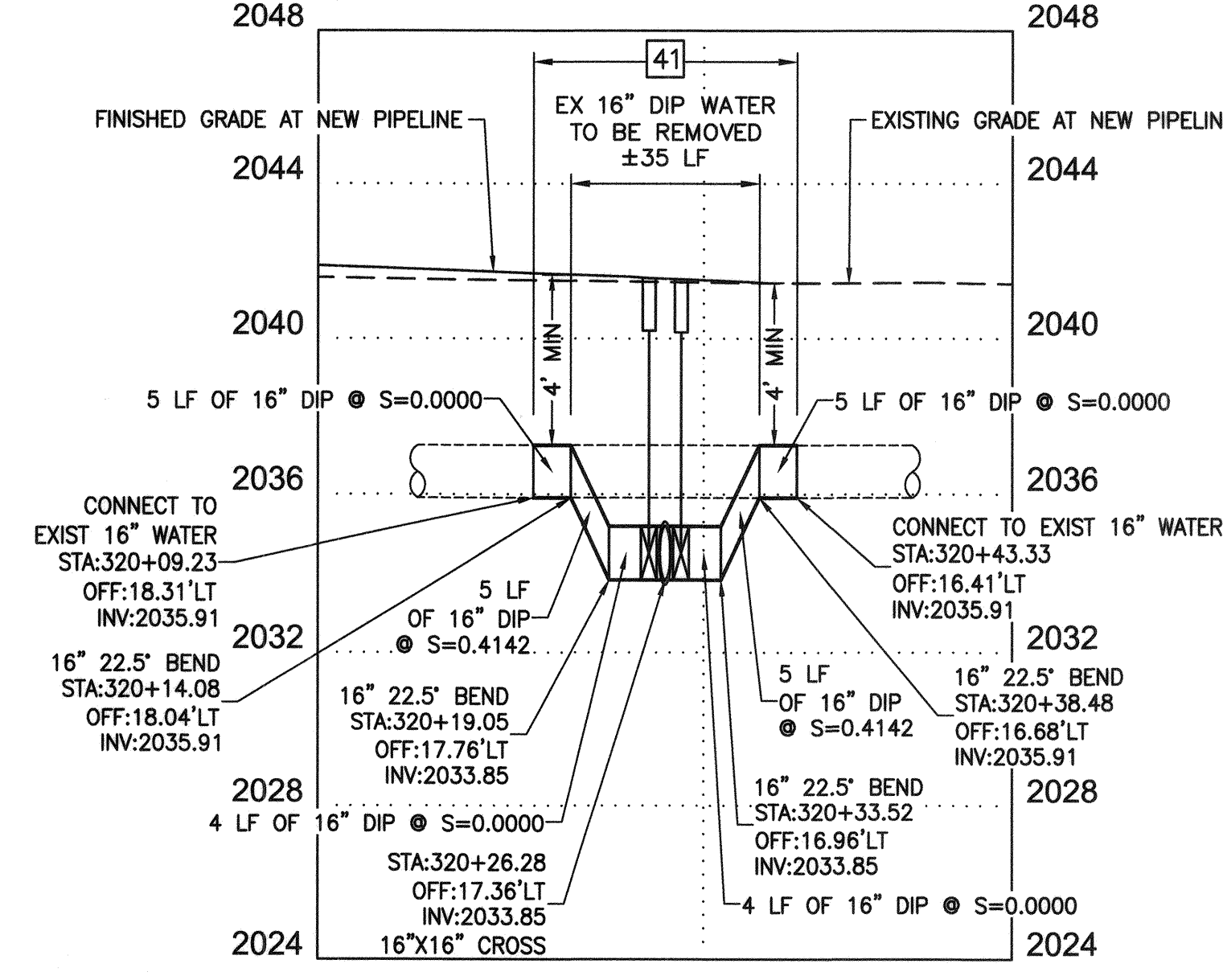
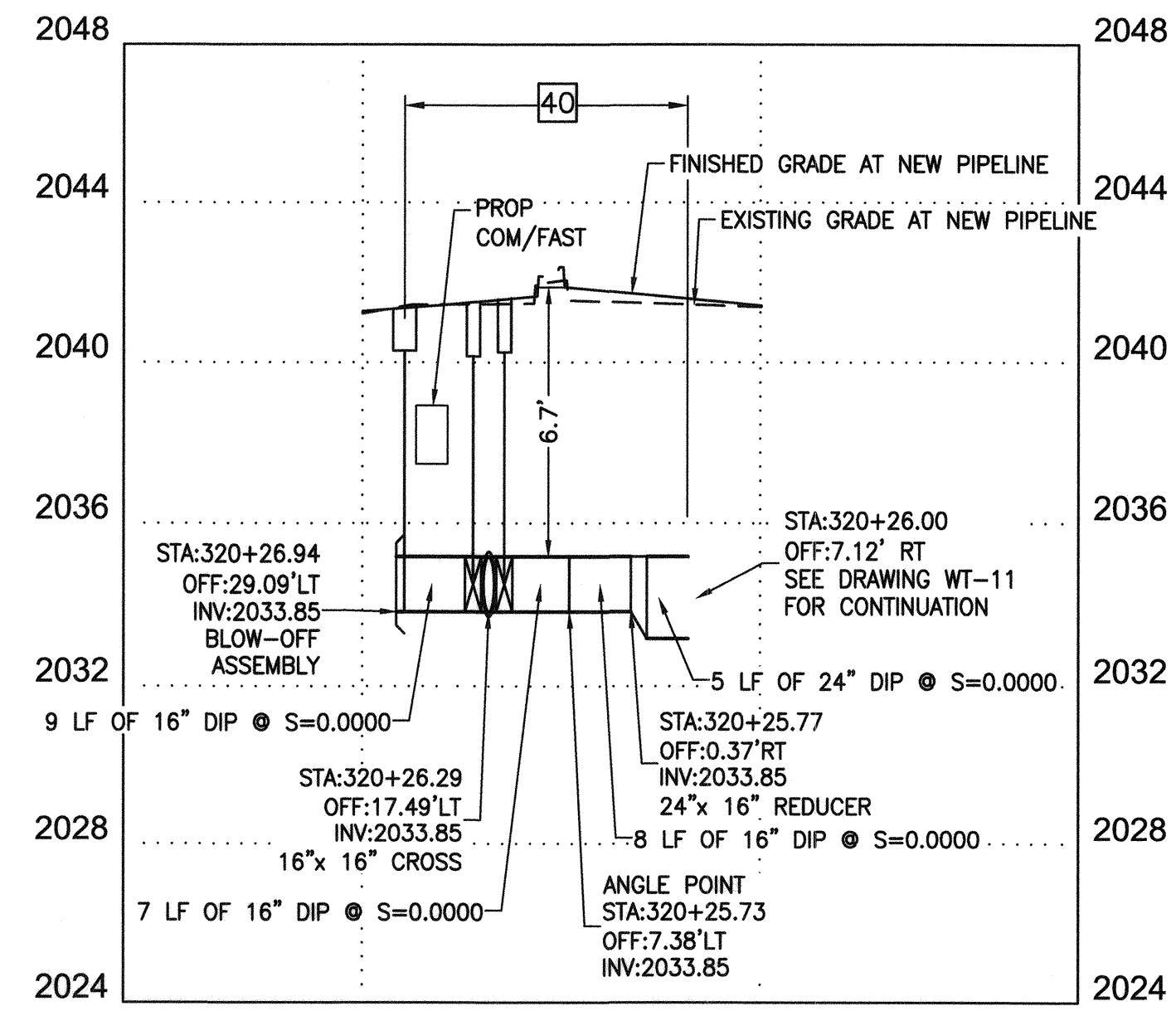


16" LATERAL RECONNECTION
STA: 320+26.28
SEE SHEET WT-11



- CONSTRUCTION INDEX**
- 10 INSTALL 16" DIP, PER UDACS
 - 27 INSTALL 24" x 16" REDUCER PER UDACS PLT NO. 30 ON WT-47
 - 35 INSTALL 16" GATE VALVE PER DETAIL "O" & "U" ON SHTS WT-44 & WT-45 & UDACS PLT NO. 30, 39 ON SHTS WT-47 & WT-49
 - 40 INSTALL 2" BLOW-OFF ASSEMBLY PER UDACS PLT NO. 36 ON SHT WT-48
 - 79 CONNECT TO 16" EXIST. MAIN PIPE
 - 84 CUT, PLUG & CAP EXISTING MAIN PIPE PER DETAIL "O" ON SHT WT-44
 - 94 INSTALL 16" x 16" CROSS W/RESTRAINED JOINT AND THRUST BLOCK PER DETAIL "O" ON SHT WT-44 AND UDACS SEC 2.15

- CONSTRUCTION NOTES**
- 1 SAWCUT &/OR MATCH EXISTING GRADE. CONTRACTOR TO COORDINATE W/ CLARK COUNTY INSPECTOR FOR SAWCUT LOCATIONS
 - 10 ALL TRENCH BACKFILL PER DETAIL UDACS PLT NO. 17
 - 15 PROPOSED CONSTRUCTION, UNDERGROUND FIBER CONDUIT, ELECTRIC CONDUIT, STORM DRAIN STRUCTURE, & TRAFFIC SIGNAL EQUIPMENT, SEE C SERIES, COM SERIES, EL SERIES, SD SERIES, & TS SERIES, RESPECTIVELY.
 - 40 JOINTS TO BE FULLY RESTRAINED
 - 41 JOINTS TO BE FULLY RESTRAINED. BOND JOINTS PER DETAIL "K" ON SHT WT-44
- NOTE: FOR EXISTING SYSTEM ABANDONMENT SEE WT-39 AND WT-40.
- FOR EXISTING GAS LINES, EXACT DEPTH AND LOCATION UNKNOWN. CONTRACTOR TO LOCATE VERTICALLY AND HORIZONTALLY PRIOR TO ANY EXCAVATION OPERATIONS.



FIRE DEPARTMENT APPROVAL

BY: *[Signature]* DATE: 12-18-19

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF STATE OR COUNTY LAWS. 1019-0718-1001

APPROVAL OF THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LVVWD APPROVAL

APPROVED FOR CONSTRUCTION

[Signature]

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT

DATE 11-25-19

CCWRD PIPES NUMBER IS #19,949

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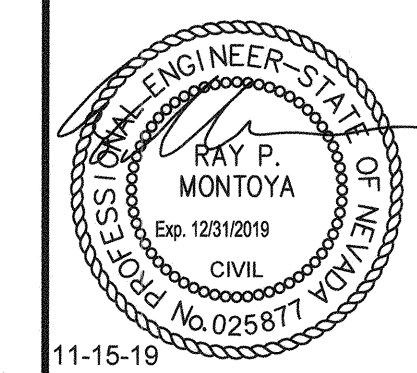
Call Before You Dig

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NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
APPROVED		



LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 WATERLINE IMPROVEMENT PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCR/VRC
 CHECKED BY: RPM
 DATE: 11-15-19

Kimley Horn

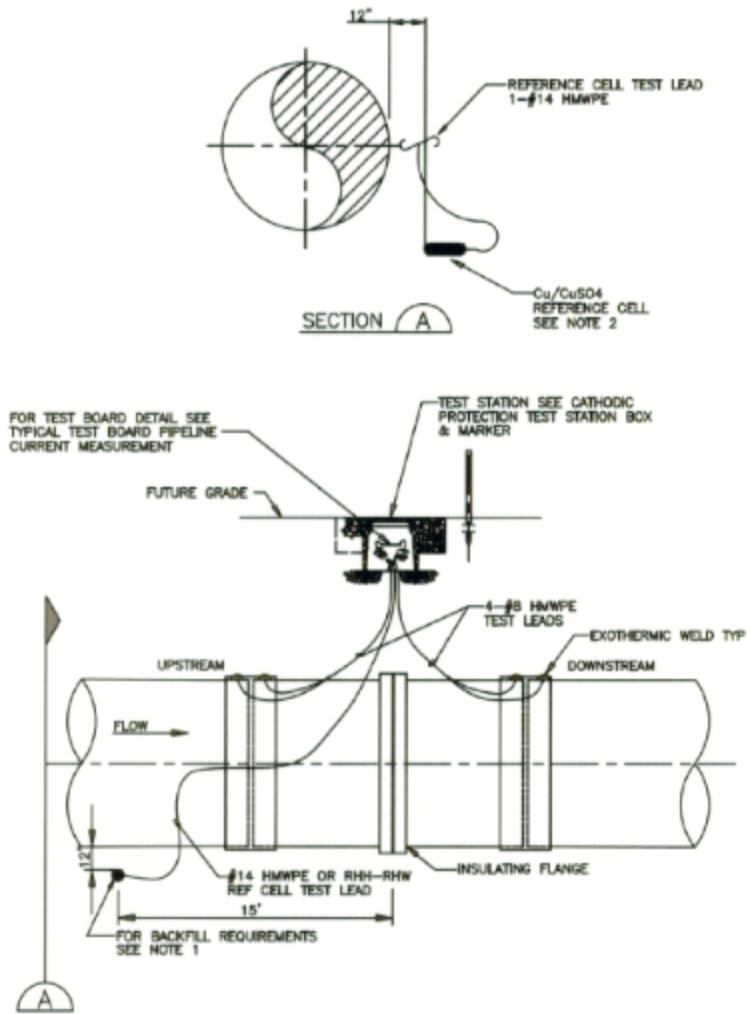
6871 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119
 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	WT-29
VERT: 1" = 4'	SHEET 136 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

User: C:\Users\Gonzalez\OneDrive\Documents\098313000_Las Vegas Blvd\16B Phase A Water Plans\C-1497-35-C-C27.dwg / Path: K:\TUC-WaterResources\098313000_Las Vegas Blvd\16B Phase A Water Plans\C-1497-35-C-C27.dwg / This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

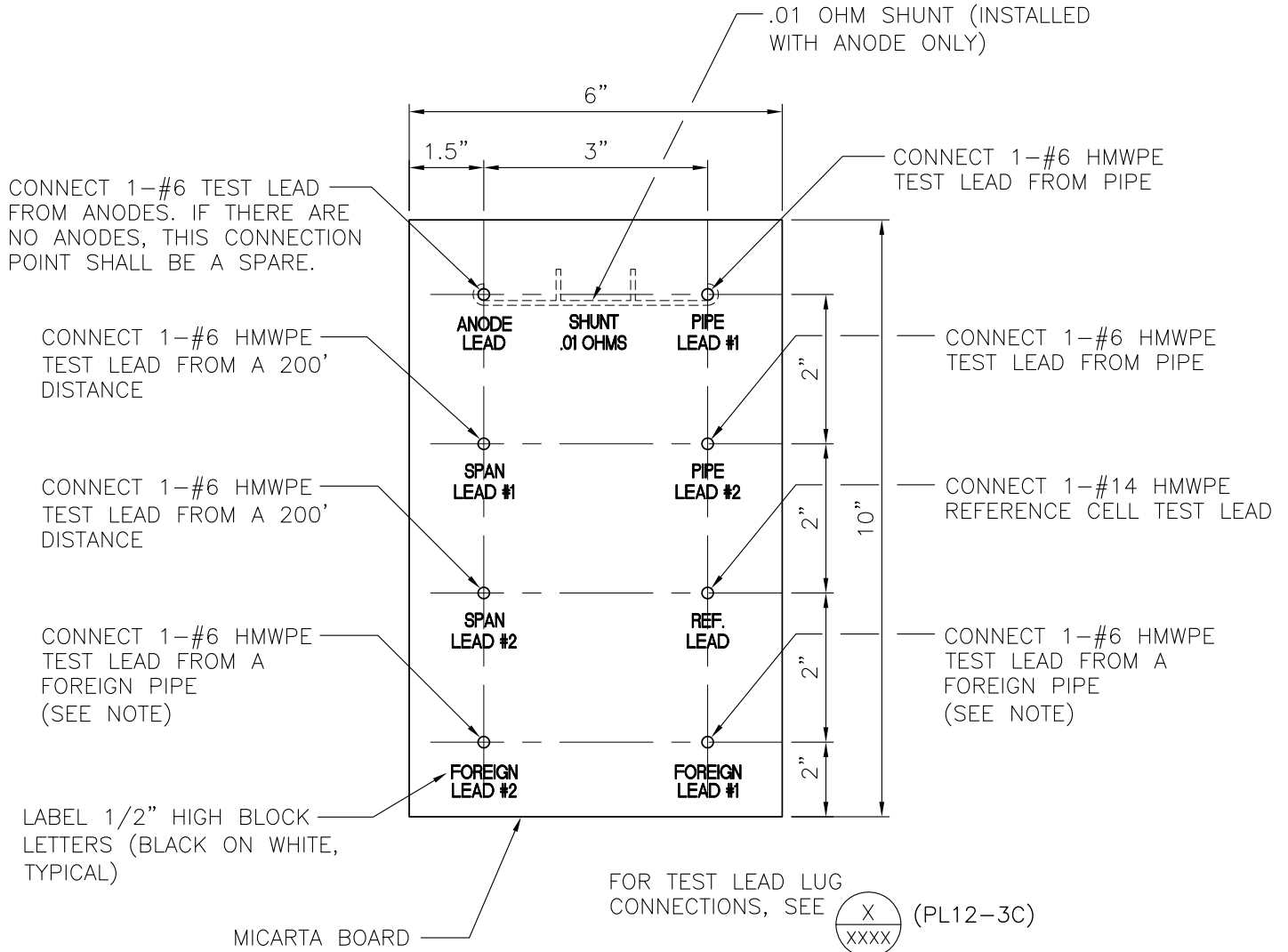
RFI 025



NOTES:

- 1. USE ONLY NATIVE SOIL FREE OF ROCKS AND CLODS FOR BACKFILL AROUND REFERENCE CELLS. DO NOT USE CLSM OR SAND AS BACKFILL.
- 2. REFERENCE CELL: PERMANENT COPPER/COPPER SULFATE ELECTRODE. MANUFACTURER AND MODEL: MCMILLER ACCUREF 20 OR EQUAL.
- 3. ADDITIONAL NOTES LOCATED ON CATHODIC PROTECTION GENERAL NOTES.

RFI 025

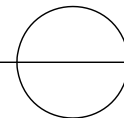


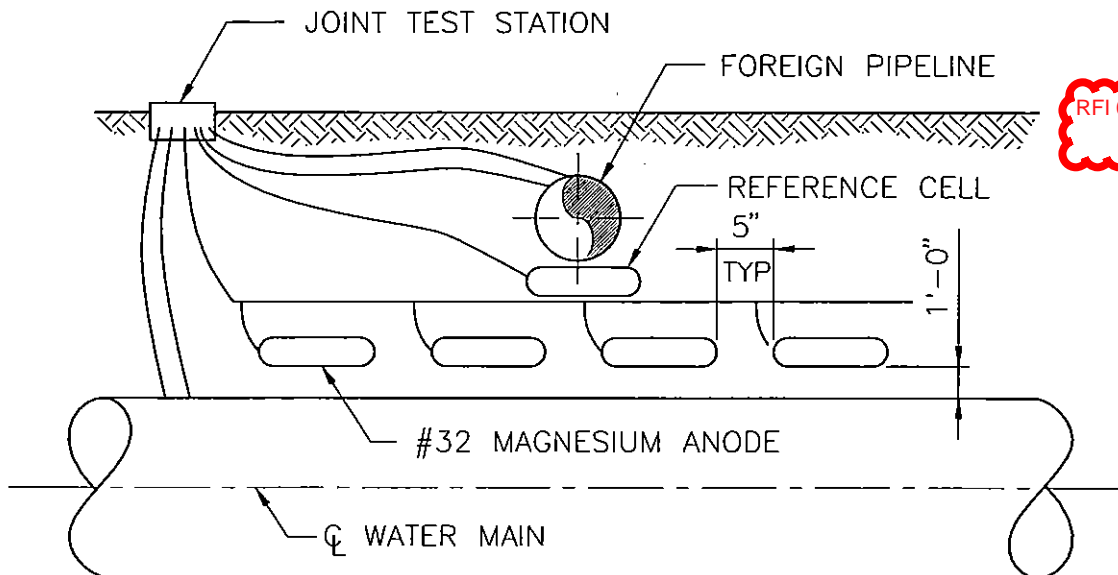
NOTE:
 IF NO FOREIGN PIPES ARE IDENTIFIED TO BE CONNECTED, CHANGE "FOREIGN LEAD" LABEL TO "SPARE"

TEST BOARD FOR JOINT TEST STATION

NOT TO SCALE

PL12-3B 020719





RFI 025

ATTACH ANODE LEAD WIRE TO COLLECTOR CABLE WITH THOMAS ASN BETTS "C" CRIMP OR EQUAL. SEAL SPLICES WITH AQUARIAL AND ELECTRICAL TAPE OR EQUAL. LEAVE SUFFICIENT SLACK IN CABLE FOR TERMINATION AND TO RELIEVE STRESS ON WIRE DURING BACKFILL

SATURATE EACH ANODE WITH MINIMUM 5 GAL WATER BEFORE BACKFILLING

JOINT TEST STATION: CONTRACTOR SHALL INSTALL TYPICAL STATION AS SHOWN TWO WEEKS PRIOR TO INSTALLATION OF THE JOINT TEST STATION. CONTACT: SOUTHWEST GAS (702)565-2765. CAL/NEV PIPELINE CO (714) 888-7771. SOUTHWEST GAS - CAL/NEV WILL MAKE A CONNECTION BETWEEN THEIR FACILITIES AND THE TEST BOARD. PLACE REFERENCE CELL BETWEEN WATER PIPE AND GAS/PETROLEUM MAIN

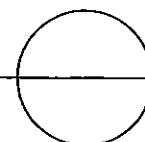
APPROXIMATE PIPELINE STATIONING FOR JOINT TEST STATIONS WITH ANODE			
DWG NO	STATION	FOREIGN PIPE	ADDITIONAL WIRE

JOINT TEST STATION WITH ANODES FOR STRAY CURRENT MITIGATION

NOT TO SCALE

PL12-4

070703



GENERAL NOTES

PL12-10 100808

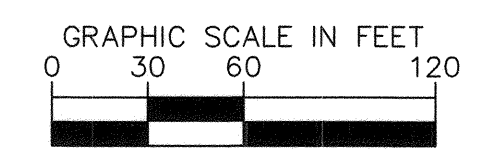
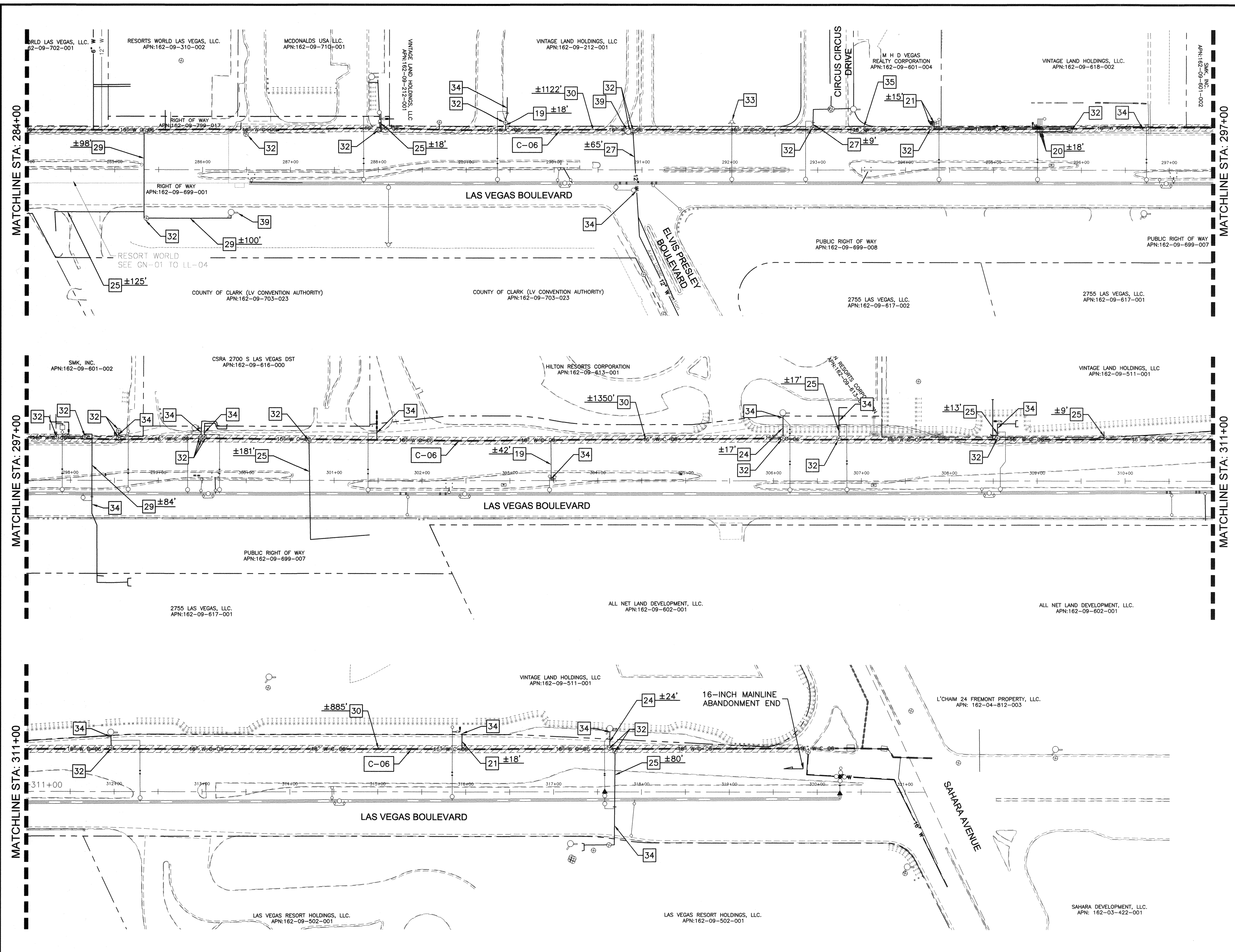
1. ALL TEST LEADS AND ANODE LEADS SHALL BE ATTACHED TO THE STEEL CYLINDER OF THE PIPE BY MEANS OF A "CADWELD" EXOTHERMIC WELD.
2. ALL TEST LEADS AND ANODE LEADS SHALL BE ATTACHED TO EITHER THE PIPELINE'S BELL END, SPIGOT END OR PLAIN END AS SHOWN ON THE DRAWING.
3. ALL EXPOSED PORTIONS OF THE EXOTHERMIC WELD AND COPPER CABLE CONDUCTORS SHALL BE COATED WITH MULTI-USE EPOXY PRIOR TO PLACING GROUT AROUND THE PIPELINE JOINT.
4. ALL TEST LEADS AND ANODE LEADS SHALL BE RUN WITHOUT SPLICES FROM THE CONNECTION AT THE PIPE TO THE CONNECTION AT THE TEST STATION BOX.
5. ALL TEST LEADS AND ANODE TEST LEADS INSIDE THE TEST BOX SHALL BE BUNDLED TOGETHER AT 8 INCH INTERVALS WITH NYLON CABLE TIES. ALL TEST STATION LEADS SHALL BE PROVIDED WITH SUFFICIENT SLACK SO THAT THE TEST BOARD MAY BE EXTENDED A MINIMUM OF 4 FEET ABOVE THE TEST BOX.
6. ALL TEST LEADS AND ANODE LEADS (WIRE INSULATION) ARE COLOR CODED AS FOLLOWS:

TEST STATION LEADS FROM PIPE	- WHITE
REFERENCE CELL TEST LEADS	- RED
ANODE TEST LEADS	- GREEN
200' TEST LEAD	- BLUE
FOREIGN PIPE LEAD	- YELLOW
CASING	- BLACK

ALL TEST LEADS AND ANODE LEADS SHALL BE COLOR CODED WITH COLORED WIRE INSULATION. COLORED TAPING NOT PERMITTED (TYP).

7. ALL TEST LEADS AND ANODE LEADS SHALL BE CONNECTED TO THE BRASS BOLTS ON THE TEST BOARD WITH SOLDERLESS SCREW TIGHT COPPER LUG CONNECTORS OR PRESSURE TERMINAL CONNECTORS. ALL FASTENERS (SCREWS, LUGS) SHALL BE BRASS OR COPPER.
8. ALL TEST LEADS AND ANODE TEST LEADS SHALL HAVE A MINIMUM OF 4' OF SLACK NEAR THE PIPE JOINT TO PREVENT DAMAGE DURING THE BACKFILL OPERATION.
9. ALL TEST LEADS AND ANODE TEST LEADS SHALL BE PLACED ALONG THE SIDE AND BELOW THE SPRINGLINE OF THE PIPE.
10. DUAL TEST STATIONS - LABEL ALL WIRES TO DISTINGUISH.
11. CABLE ASSEMBLIES SHALL BE USED WHEN PRACTICAL.
12. TEST STATION PLACEMENT TO BE PERPENDICULAR TO PIPE. AT INTERSECTIONS TEST STATION WIRES TO BE PLACED PARALLEL TO PIPE FOR PLACEMENT PERPENDICULAR TO PIPE AFTER ROAD EASEMENT RADIUS.
13. PRE-PACKAGED ANODES SHALL HAVE 6" LIFT OF COMPACTED NATIVE BACKFILL. AFTER BACKFILL IS IN PLACE, SATURATE THE AREA WITH TEN (10) GALLONS MINIMUM OF WATER. AFTER ALL WATER HAS BEEN ABSORBED CONTINUE BACKFILLING.
14. ALL BURIED WIRE SHALL BE PLACED IN A 4" SCH 40 PVC ELECTRICAL CONDUIT FROM THE POINT THAT THE WIRES RUN PERPENDICULAR FROM THE PIPELINE TO THE TERMINATION IN THE TEST BOX. DO NOT PLACE RIBBON IN CONDUIT. CONDUIT NOT SHOWN ON PLANS FOR CLARITY.

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS



CONSTRUCTION NOTES

- 19 ABANDON IN PLACE 1" EXIST. SERVICE LATERAL PER UDACS SEC 2.17.04
- 20 ABANDON IN PLACE 1-1/2" EXIST. SERVICE LATERAL PER UDACS SEC 2.17.04
- 21 ABANDON IN PLACE 2" EXIST. SERVICE LATERAL PER UDACS SEC 2.17.04
- 24 ABANDON IN PLACE 6" EXIST. SERVICE LATERAL PER UDACS SEC 2.17.04
- 25 ABANDON IN PLACE 8" EXIST. SERVICE LATERAL PER UDACS SEC 2.17.04
- 27 ABANDON IN PLACE 8" EXIST. MAIN PIPE PER UDACS SEC 2.12
- 29 ABANDON IN PLACE 12" EXIST. MAIN PIPE PER UDACS SEC 2.12
- 30 ABANDON IN PLACE 16" EXIST. MAIN PIPE PER UDACS SEC 2.12
- 32 ABANDON IN PLACE VALVE PER UDACS SEC 2.11.07
- 33 RELOCATED FIRE HYDRANT PER UDACS SEC 2.21.06
- 34 POINT OF CONNECTION
- 35 ABANDON VAULT AND RETURN METER TO LWWD PER DETAIL "X" ON SHT WT-46 AND UDACS SEC 2.27.04.B
- FIRE HYDRANT RELOCATION & LATERAL ABANDONMENT, SEE "GENERAL NOTE" #12 ON SHT WT-02

ABANDONMENT VALVES

ALL VALVES TO BE ABANDONED SHALL BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP TWENTY-FOUR (24) INCHES OF THE VALVE BOX AND THEN FILLING THE BOTTOM OF THE BOX WITH A MINIMUM OF EIGHT (8") INCHES OF SAND OR TYPE II AGGREGATE BASE. THE REMAINING PORTION OF THE VALVE BOX SHALL BE FILLED WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST TWO THOUSAND (2,000) PSI.

CUT AND CAP

THE LATERAL MUST BE CUT WITHIN ONE (1) FOOT OF THE ABANDONED VALVE, OR AS SHOWN ON PLANS, AND CAPPED. THE CONTRACTOR SHALL CUT THE EXISTING PIPE WHERE SHOWN ON THE DRAWING AND INSTALL A CAP COMPLETE WITH THRUST BLOCK. WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATIONS, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH AGENCY APPROVAL. A CONCRETE THRUST BLOCK SHALL BE INSTALLED AT ALL CAP OR PLUG LOCATIONS IN ACCORDANCE WITH THE PROVISIONS OF UDACS PLATE 31.

NOTE TO CONTRACTOR

1. CONTRACTOR TO COORDINATE WITH LAS VEGAS VALLEY WATER DISTRICT (LVVWD) TO VERIFY EXISTING AND ABANDONED MAINS AND VALVE CONDITIONS.
2. FOR ABANDONMENT OF EXISTING SERVICE LATERALS (TWO (2) INCH AND SMALLER, SEE LAS VEGAS VALLEY WATER DISTRICT SYSTEM ABANDONMENT NOTE 2, SHEET WT-02.
3. FOR ABANDONMENT OF EXISTING SERVICE LATERALS (THREE (3) INCH AND LARGER, SEE LAS VEGAS VALLEY WATER DISTRICT SYSTEM ABANDONMENT NOTE 3, SHEET WT-02.

LEGEND

MAINTENANCE TO BE ABANDONED IN PLACE AND FILLED WITH CLSM-1 PER UDACS 2.12. CONTRACTOR TO PROVIDE BOTH METHOD OF FILLING AND ABANDONMENT PLAN TO LVVWD FOR APPROVAL PRIOR TO ABANDONMENT.



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LVVWD APPROVAL

APPROVED FOR CONSTRUCTION

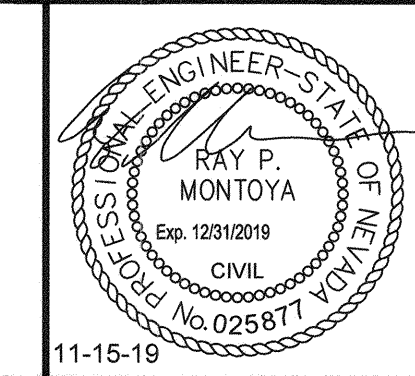
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

UNION PACIFIC RAILROAD
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1-800-336-9193

NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019
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**LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS**
FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
WATERLINE IMPROVEMENT PLANS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCR/VRC
 CHECKED BY: RPM
 DATE: 11-15-19

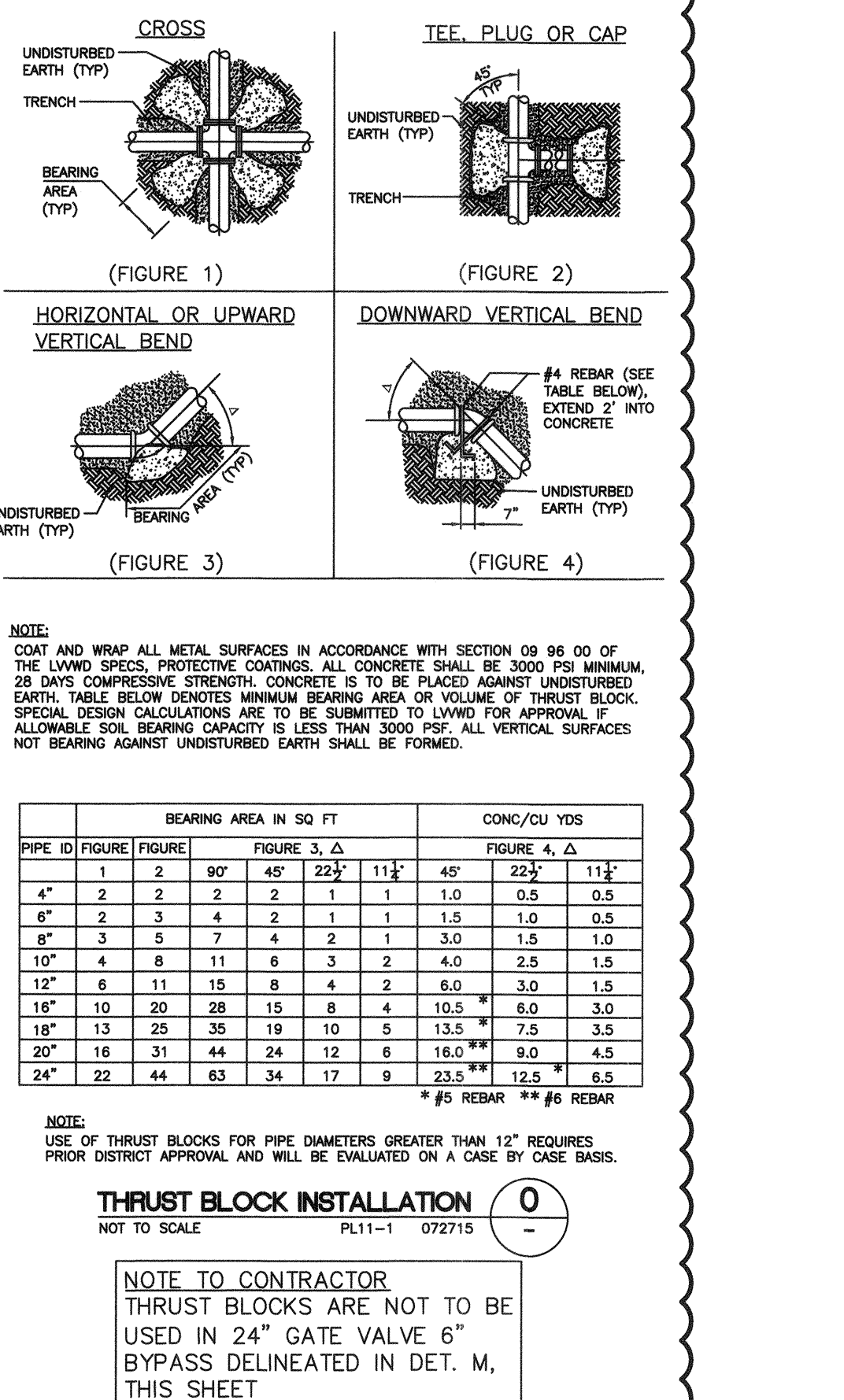
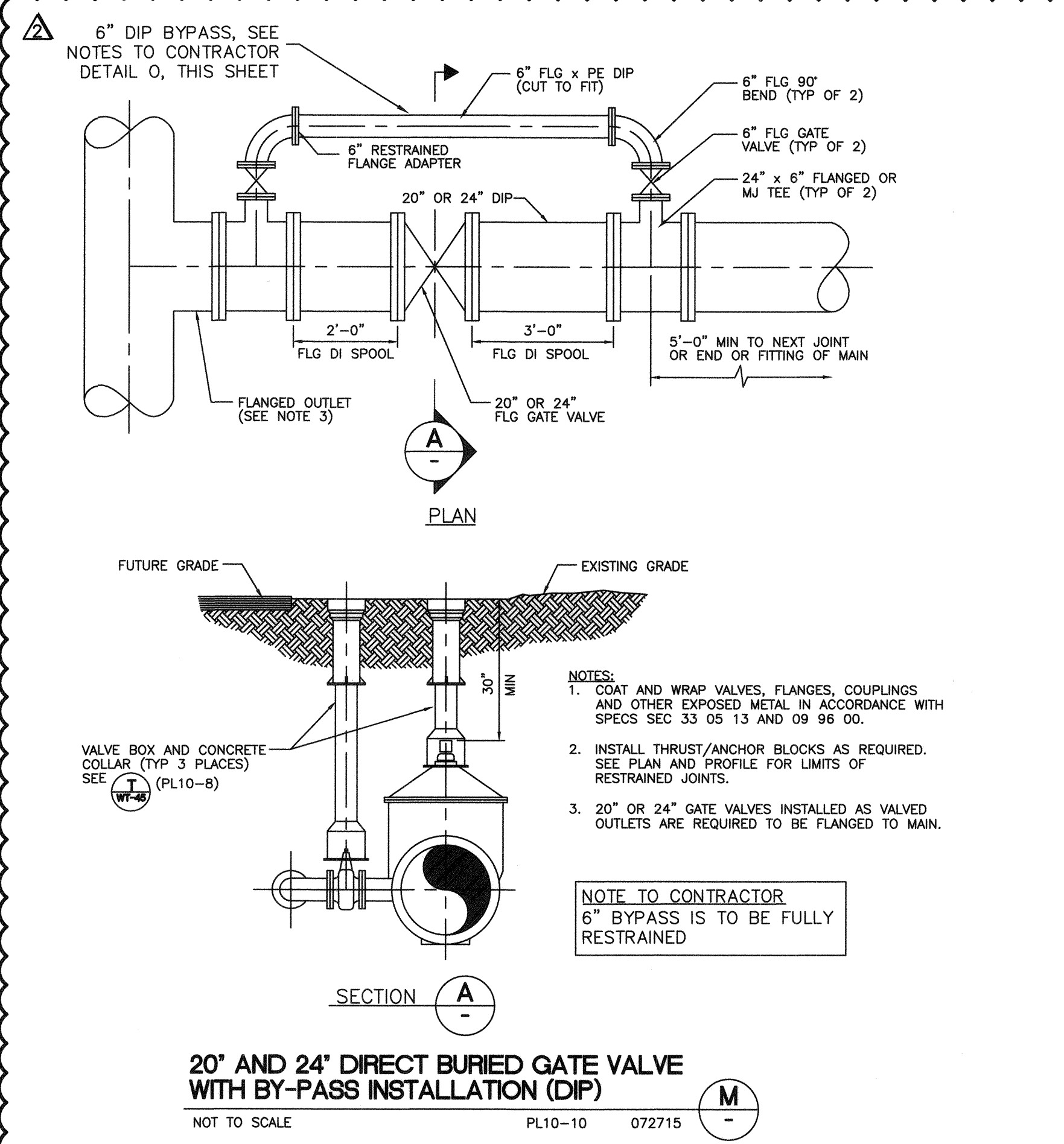
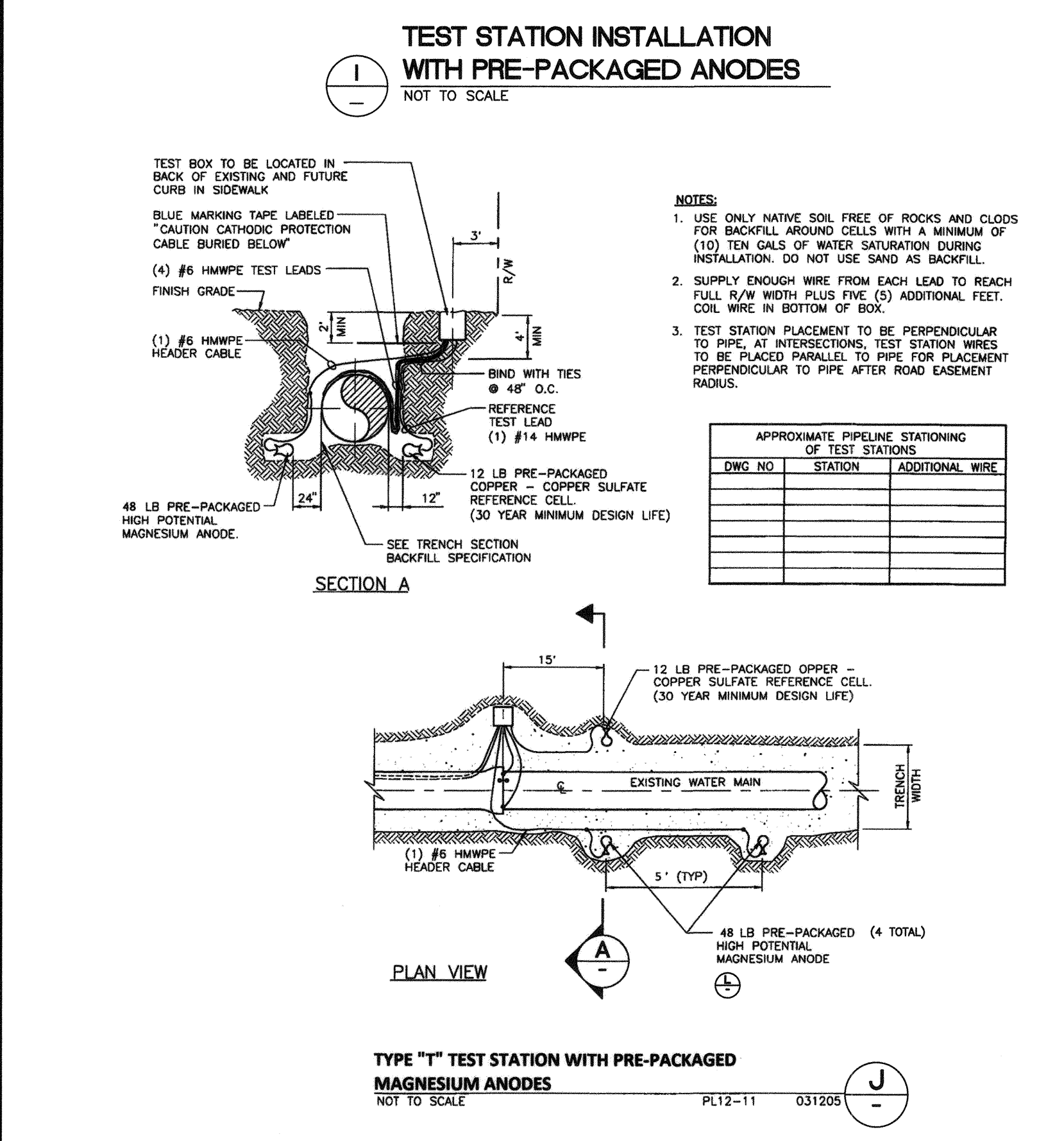
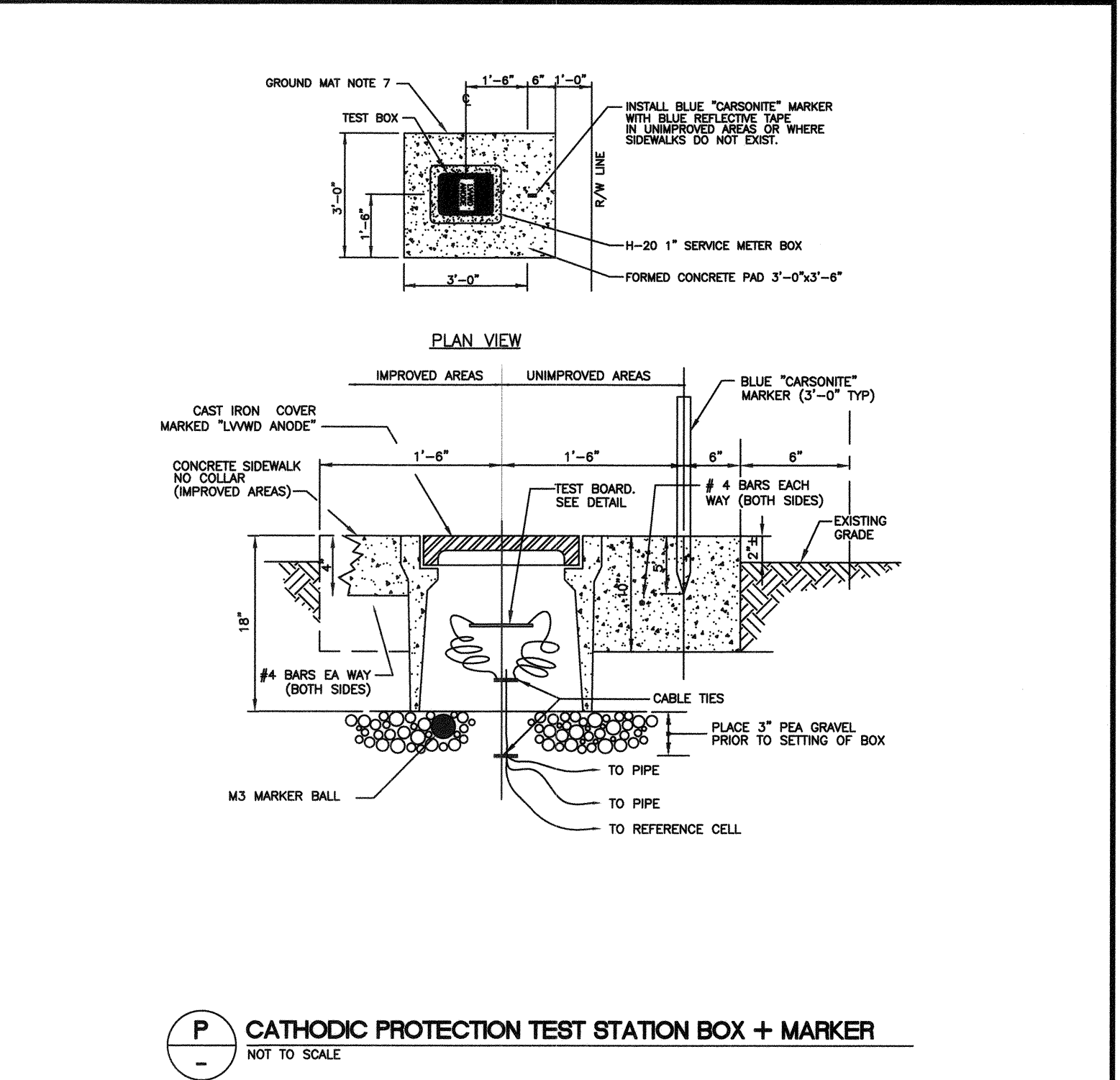
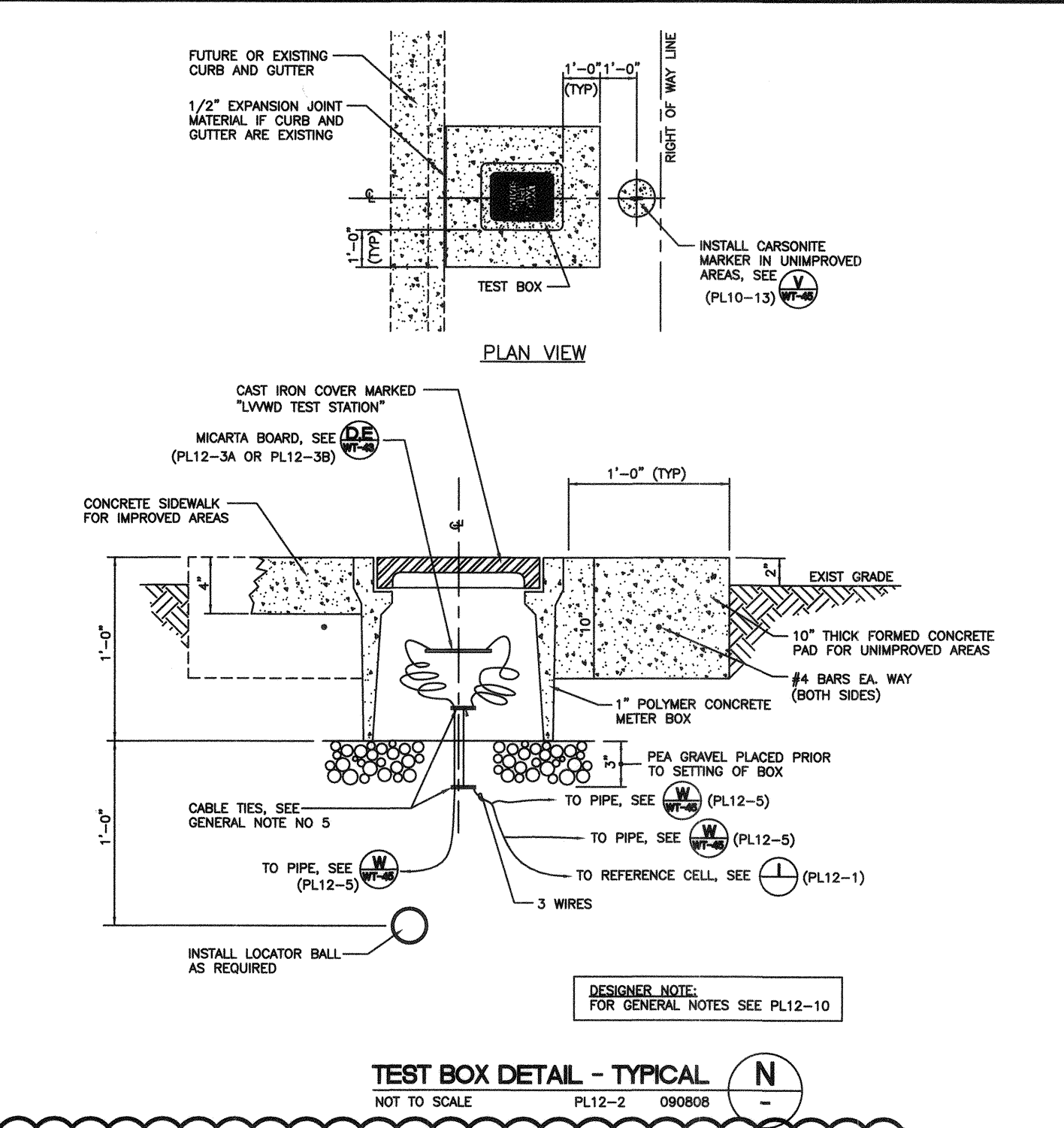
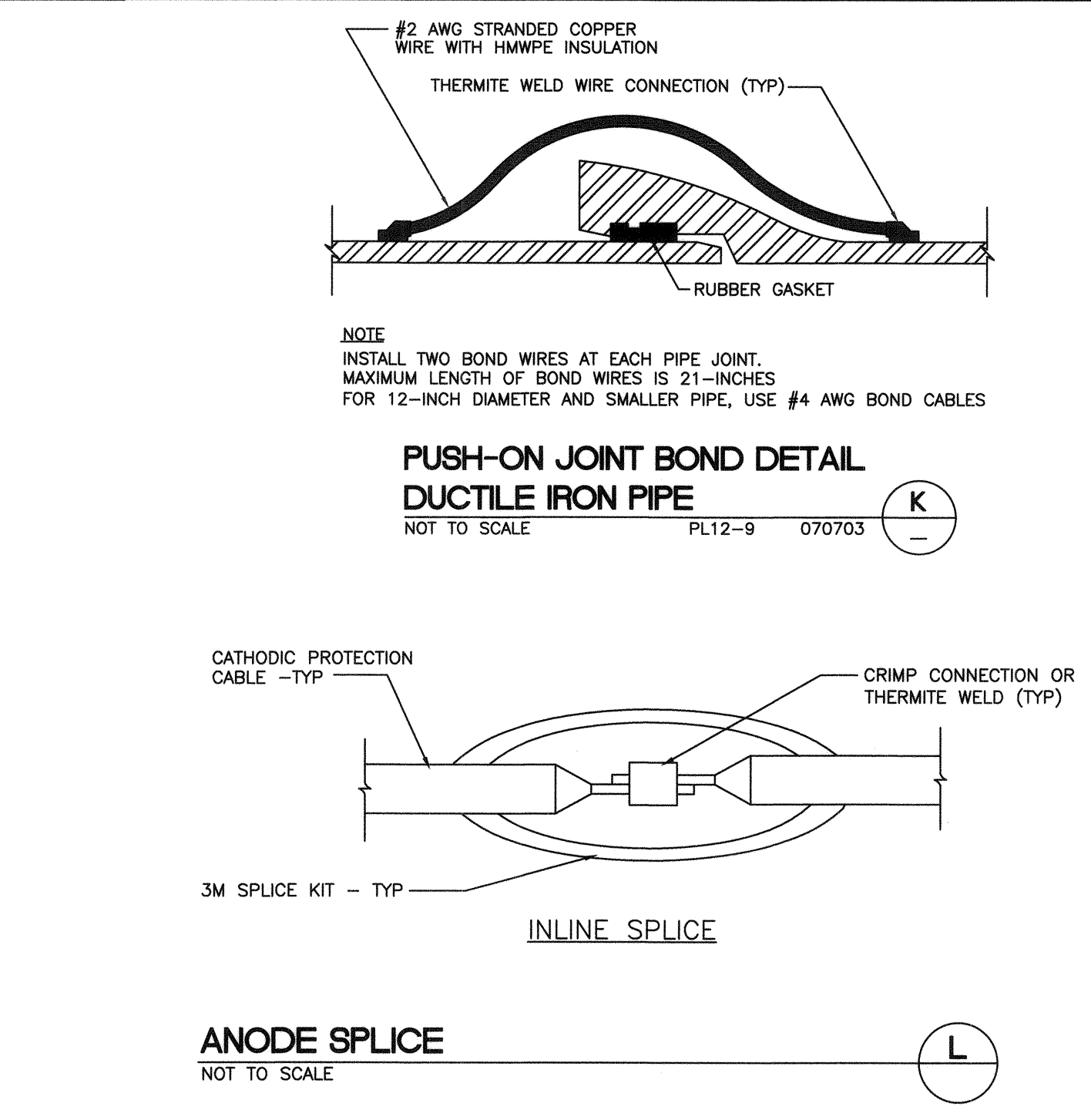
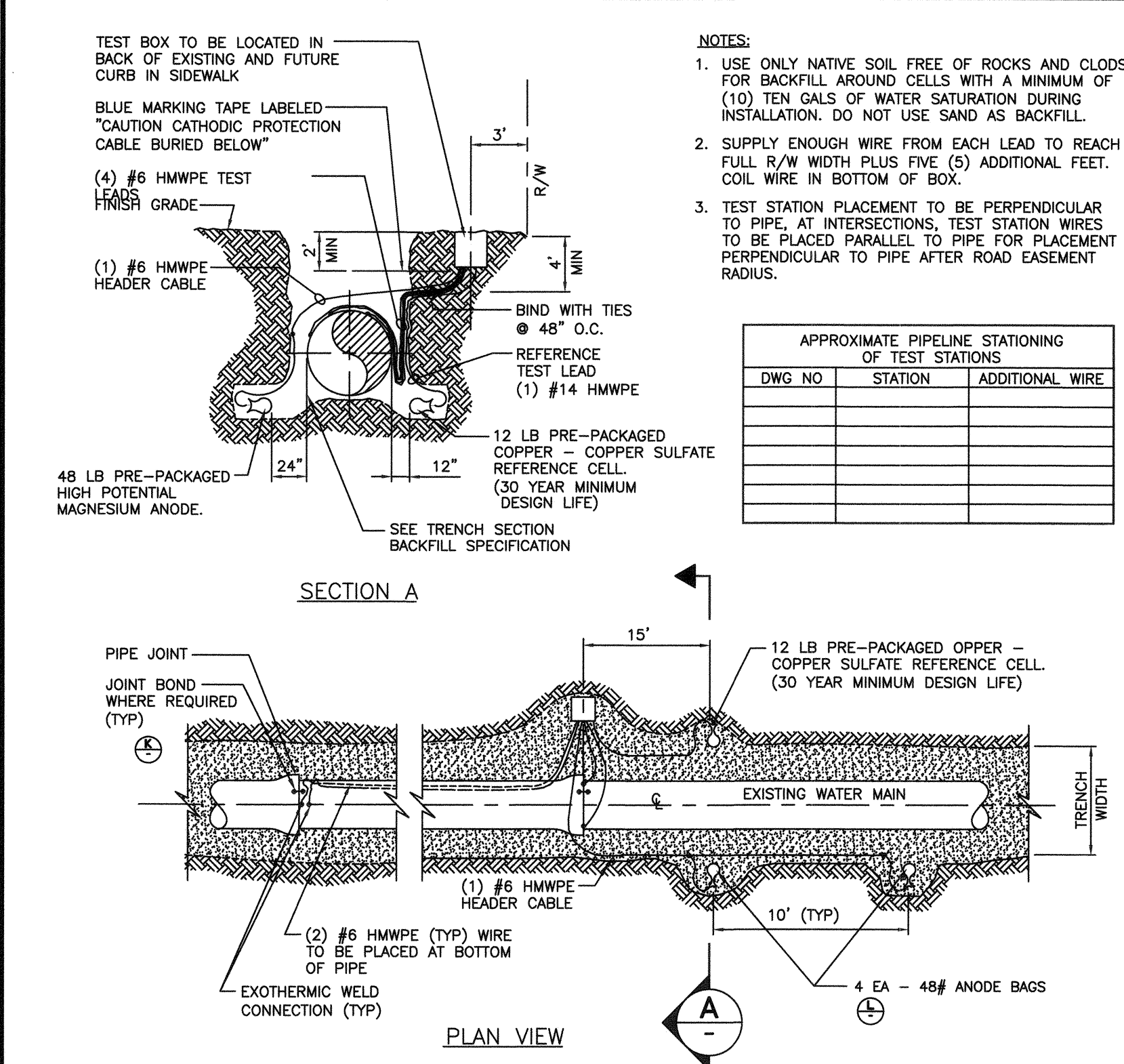
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 VERT: N/A
 FIELD BOOK: NONE

SHEET No
WT-40
 SHEET 147 OF 345
 L-2210



ISSUED FOR CONSTRUCTION

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GENERAL NOTES

- ALL TEST LEADS SHALL BE ATTACHED TO THE STEEL CYLINDER OF THE PIPE BY MEANS OF A "CADWELD" EXOTHERMIC WELD.
- ALL TEST LEADS SHALL BE ATTACHED TO EITHER THE PIPELINE'S BELL END, SPIGOT END OR PLAN END AS SHOWN ON THE DRAWING.
- ALL EXPOSED PORTIONS OF THE EXOTHERMIC WELD AND COPPER CABLE CONDUCTORS SHALL BE COATED WITH A SCOTCHCOAT 4 INSULATING RESIN PRIOR TO PLACING GROUT AROUND THE PIPELINE JOINT.
- NO WIRE SPLICES ARE ALLOWED.
- ALL TEST LEADS INSIDE THE TEST BOX SHALL BE BUNDLED TOGETHER AT 8 INCH INTERVALS WITH NYLON CABLE TIES. ALL TEST STATION LEADS SHALL BE PROVIDED WITH SUFFICIENT SLACK SO THAT THE TEST BOARD MAY BE EXTENDED A MINIMUM OF 4 FEET ABOVE THE TEST BOX.
- ALL TEST LEADS AND ANODE LEADS (WIRE INSULATION) ARE COLOR CODED
 TEST STATION LEADS FROM PIPE - WHITE
 REFERENCE CELL TEST LEADS - RED
 CASING - BLACK
 ALL TEST LEADS SHALL BE COLOR CODED WITH COLORED WIRE INSULATION (TYP)
 ** WHEN APPROVED BY DISTRICT ENGINEER COLOR CODED "TAPING" IS PERMITTED **
 IN LIEU OF COLOR CODED WIRES AND SHALL BE INSTALLED AS FOLLOWS:
 A. ALL WIRE INSULATION SHALL BE ONE UNIFORM COLOR.
 B. ALL COLOR CODED TAPE SHALL FOLLOW THE ABOVE COLOR TABLE.
 C. TAPE SHALL BE INSTALLED AT EACH END AND 4 FOOT INTERVALS.
- ALL TEST LEADS SHALL BE CONNECTED TO THE BRASS BOLTS ON THE TEST BOARD WITH SOLDER-LESS SCREW TIGHT COPPER LOG CONNECTORS OR PRESSURE TERMINAL CONNECTORS.
- ALL TEST LEADS SHALL HAVE A MINIMUM OF 4 FEET OF SLACK NEAR THE PIPE JOINT TO PREVENT DAMAGE DURING THE BACKFILL OPERATION.

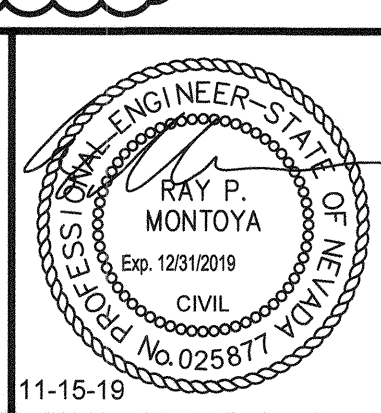
GENERAL NOTE
 PL12-10

NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER UTILITY COMMENTS	11/15/2019

APPROVED



LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 WATERLINE IMPROVEMENT PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: ROM
 DRAWN BY: GAG/JTK/VCR/VRC
 CHECKED BY: RPM
 DATE: 11-15-19

SCALE: HORIZ: N/A VERT: N/A
 FIELD BOOK: NONE

SHEET No: WT-44
 SHEET 151 OF 345
 L-2210

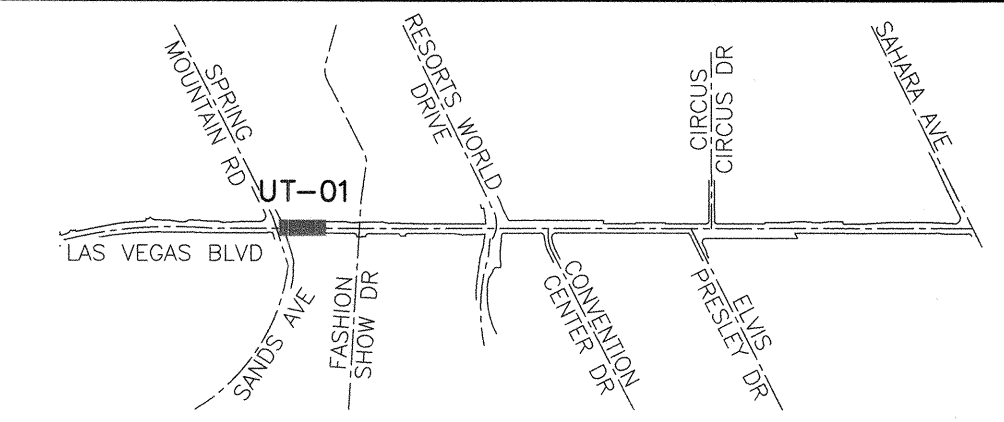
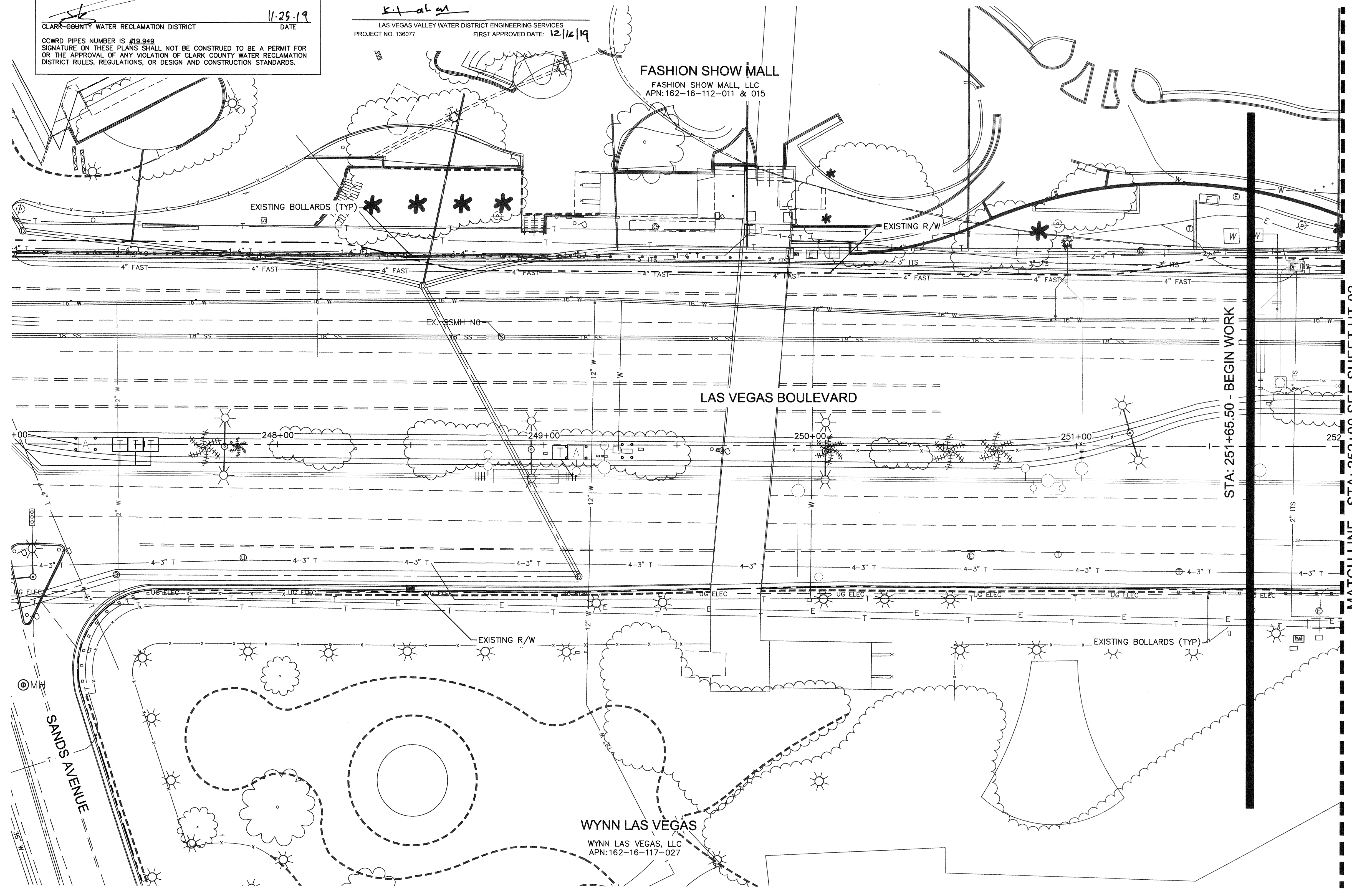
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 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT No. 136077 FIRST APPROVED DATE 12/16/19

Kimley Horn
 6671 Las Vegas Boulevard South Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11-25-19
 CCWRD PIPES NUMBER IS #19-849
 SIGNATURE ON THESE PLANS SHALL NOT BE A PERMIT FOR OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

APPROVED FOR CONSTRUCTION
 K. J. Alon
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19



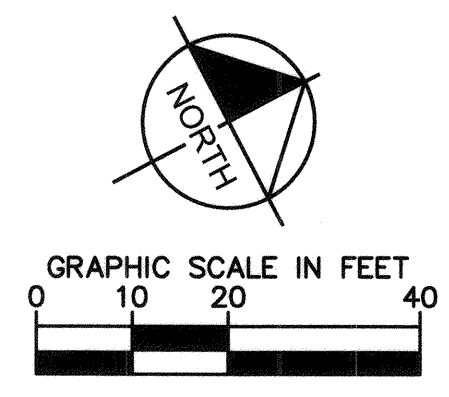
KEY MAP
 NTS

UTILITY NOTES:

STA: 251+65.50 - BEGIN WORK
 MATCH LINE - STA: 252+00 SEE SHEET UT-02

NOTE:

- CONTRACTOR SHALL VERIFY ALL FIELD MEASUREMENTS AND DIMENSIONS OF BOLLARD LOCATIONS THAT REQUIRE SPECIAL MANUFACTURING, INCLUDING ALL BOLLARD LOCATIONS TO BE INSTALLED ALONG RADII.
- CONTRACTOR TO SAWCUT TO THE LIMITS OF REMOVAL AS INDICATED ON PLANS OR REMOVE FULL PANEL OF CONCRETE TO THE NEAREST JOINT AS DETERMINED BY THE ENGINEER.



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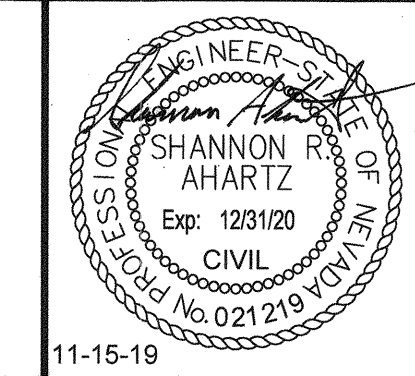
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**LAS VEGAS BOULEVARD
 ROADWAY IMPROVEMENTS**
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



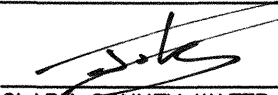
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 CHECKED BY: SRA
 DATE: 11-15-2019

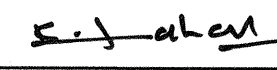
Kimley & Horn
 6871 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119
 Tel. No. (702) 882-3800

SCALE	SHEET No
HORIZ: 1" = 20'	UT-01
VERT: N/A	SHEET 155 OF 345
FIELD BOOK: NONE	L-2210

ISSUED FOR CONSTRUCTION

CCWRD APPROVAL


 11-25-19
 DATE
 CLARK COUNTY WATER RECLAMATION DISTRICT
 COWRD PIPES NUMBER IS #19-848
 SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR
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 DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

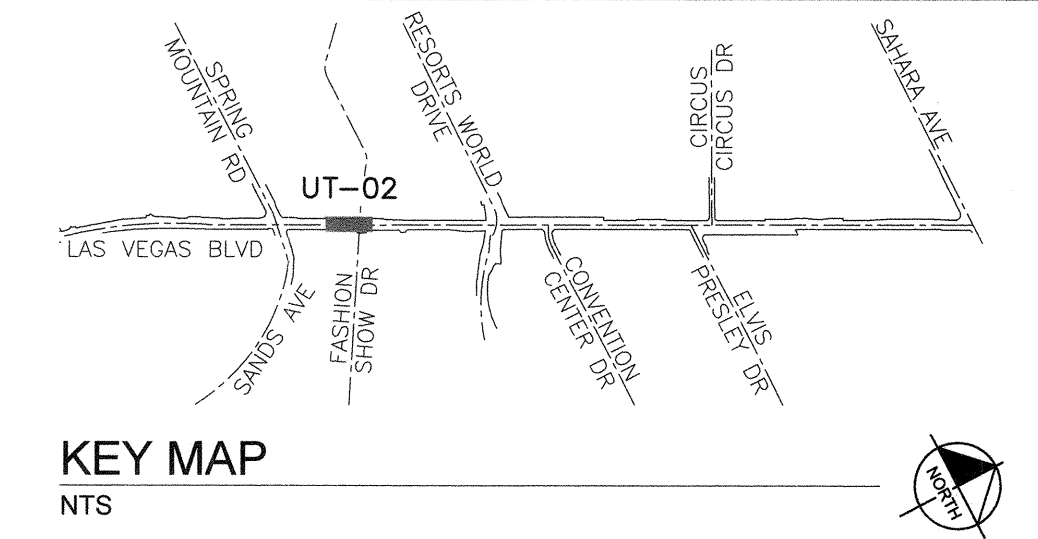
APPROVED FOR CONSTRUCTION

 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077 FIRST APPROVED DATE: 12/16/19

FASHION SHOW MALL
 FASHION SHOW MALL, LLC
 APN: 162-16-112-011

VACANT
 WYNN WEST, LLC
 APN: 162-16-101-009

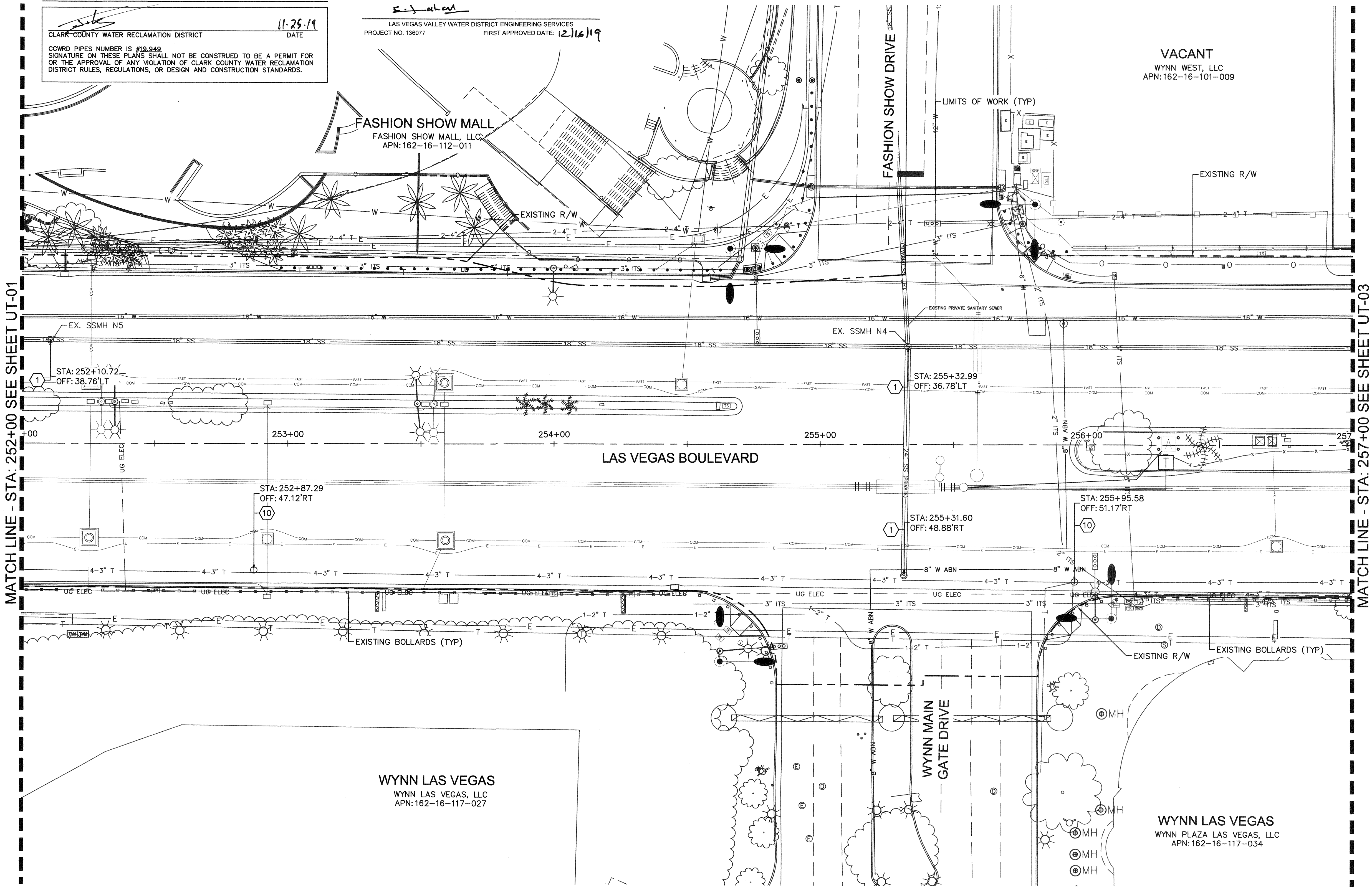
WYNN LAS VEGAS
 WYNN LAS VEGAS, LLC
 APN: 162-16-117-027

WYNN LAS VEGAS
 WYNN PLAZA LAS VEGAS, LLC
 APN: 162-16-117-034



- UTILITY NOTES:**
- ① ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
 - ⑩ EXISTING TELEPHONE MANHOLE TO BE ADJUSTED TO GRADE BY CENTURYLINK

- NOTE:**
- 1. CONTRACTOR SHALL VERIFY ALL FIELD MEASUREMENTS AND DIMENSIONS OF BOLLARD LOCATIONS THAT REQUIRE SPECIAL MANUFACTURING, INCLUDING ALL BOLLARD LOCATIONS TO BE INSTALLED ALONG RADII.
 - 2. CONTRACTOR TO SAWCUT TO THE LIMITS OF REMOVAL AS INDICATED ON PLANS OR REMOVE FULL PANEL OF CONCRETE TO THE NEAREST JOINT AS DETERMINED BY THE ENGINEER.



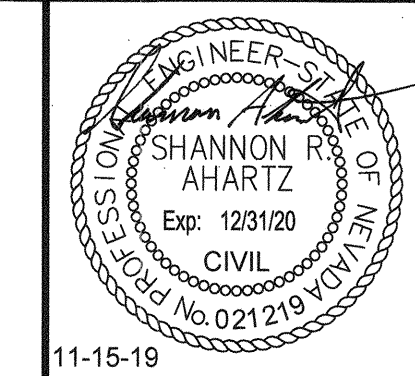
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LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
UTILITY PLANS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019
Kimley»Horn
 8671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 882-3600

SCALE	SHEET No
HORIZ: 1" = 20'	UT-02
VERT: N/A	SHEET 156 OF 345
FIELD BOOK NONE	L-2210

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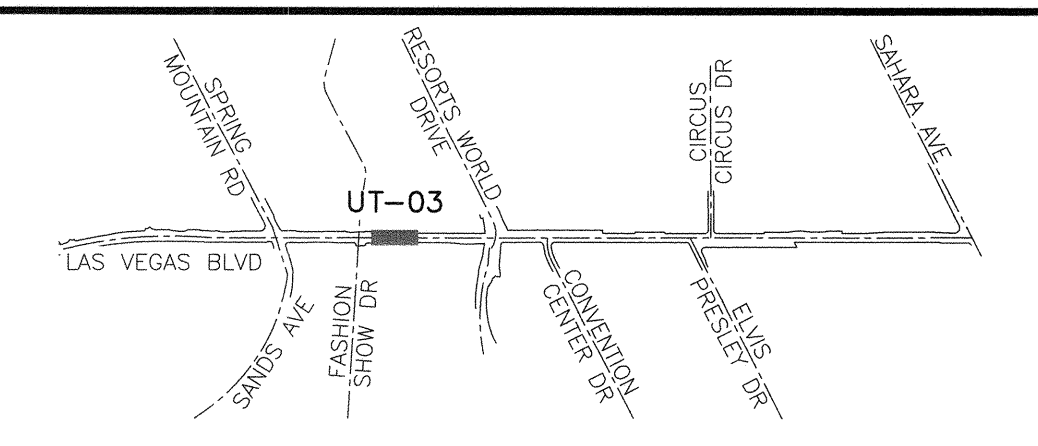
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11-26-19
 CCWRD PIPES NUMBER IS #19-049
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APPROVED FOR CONSTRUCTION
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077 FIRST APPROVED DATE: 12/16/19

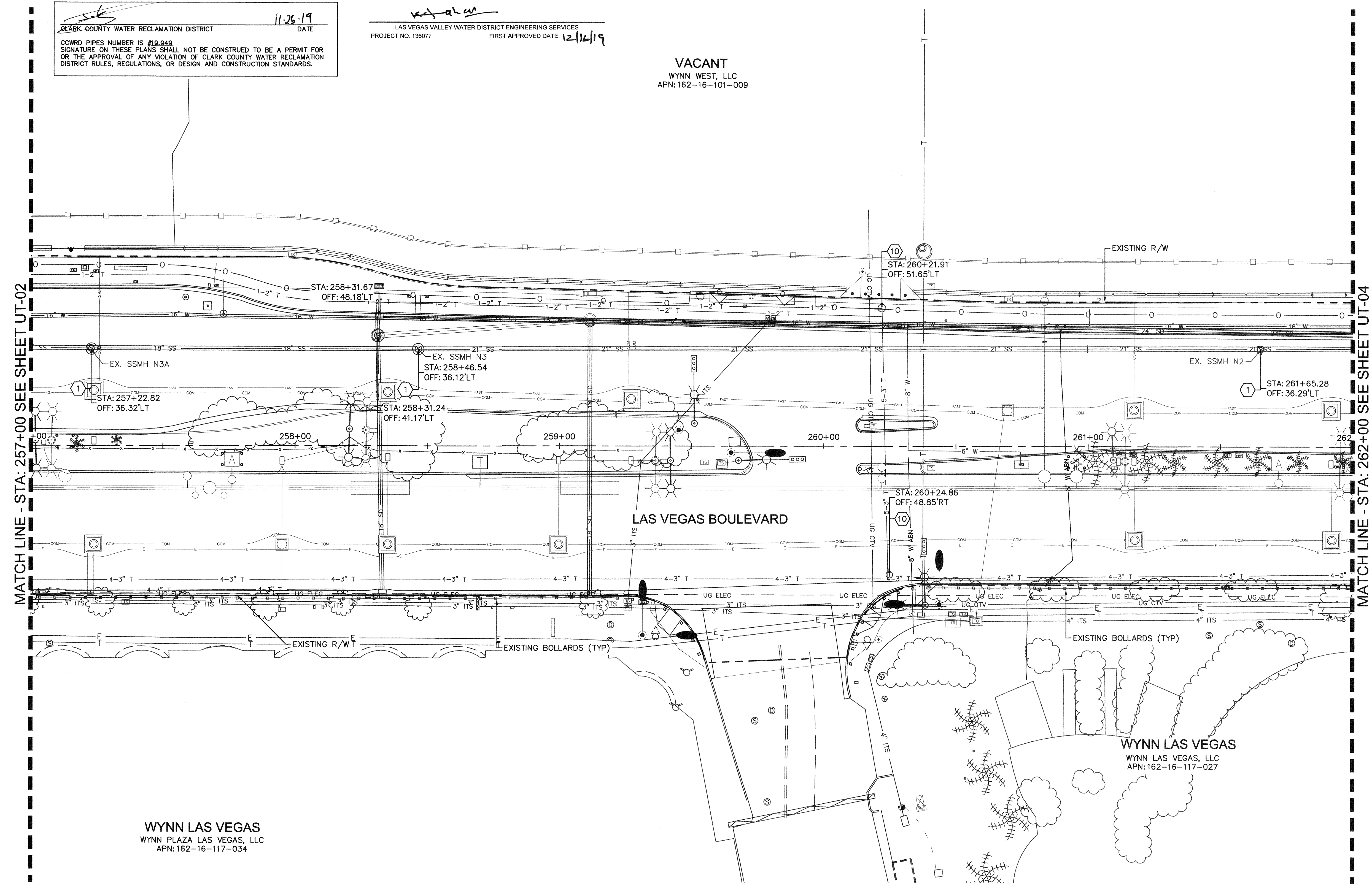
VACANT
 WYNN WEST, LLC
 APN: 162-16-101-009



KEY MAP
 NTS

UTILITY NOTES:

- ① ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
- ③ ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE PER CCAUSD DWG NO. 408
- ⑩ EXISTING TELEPHONE MANHOLE TO BE ADJUSTED TO GRADE BY CENTURYLINK



MATCH LINE - STA: 257+00 SEE SHEET UT-02

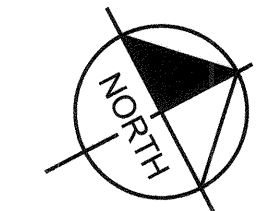
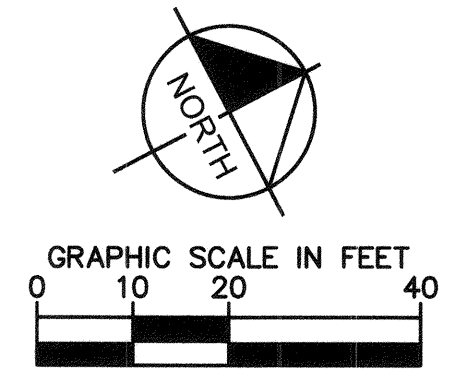
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NOTE:

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WYNN LAS VEGAS
 WYNN PLAZA LAS VEGAS, LLC
 APN: 162-16-117-034

WYNN LAS VEGAS
 WYNN LAS VEGAS, LLC
 APN: 162-16-117-027



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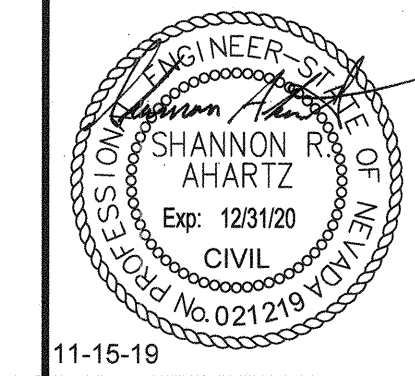
UnderGround
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**LAS VEGAS BOULEVARD
 ROADWAY IMPROVEMENTS**
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019

Kimley Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	UT-03
VERT: N/A	SHEET 157 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

BID No.: 605203-19

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

CCWRD APPROVAL

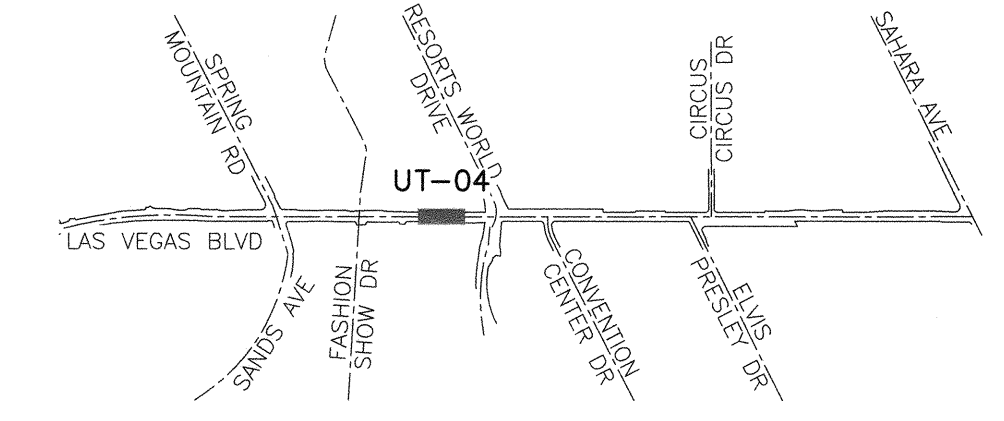
CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11-25-19
 CCWRD PIPES NUMBER IS #19-848
 SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

APPROVED FOR CONSTRUCTION
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19

VACANT
 WYNN WEST, LLC
 APN: 162-16-101-009

VACANT
 WYNN WEST, LLC
 APN: 162-16-101-011

VACANT
 TISHMAR, LLC
 APN: 162-09-403-004



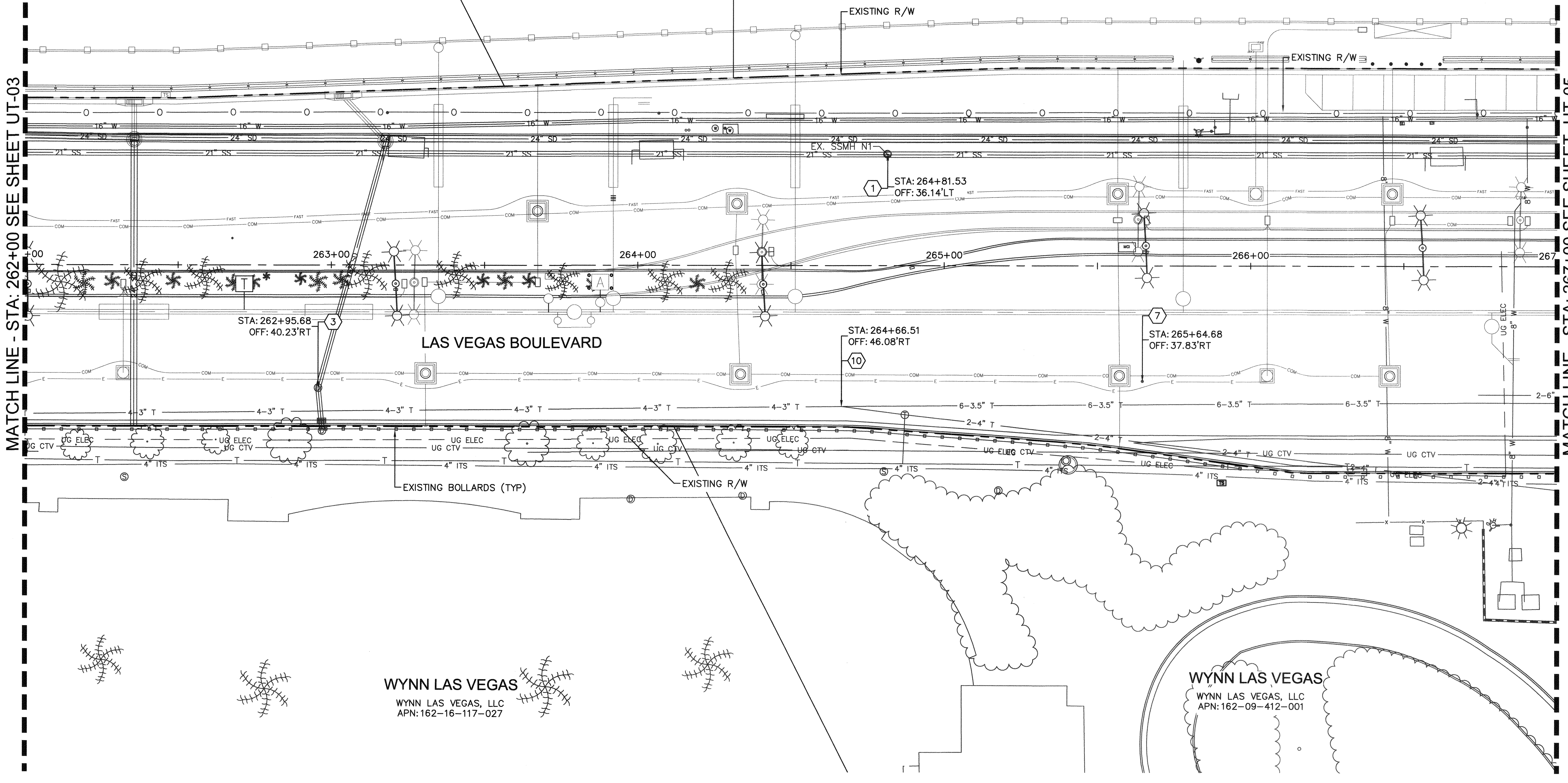
KEY MAP
 NTS

UTILITY NOTES:

- 1 ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
- 3 ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE PER CCAUSD DWG NO. 408
- 7 EXISTING GAS VALVE TO BE ADJUSTED TO GRADE BY SOUTHWEST GAS
- 10 EXISTING TELEPHONE MANHOLE TO BE ADJUSTED TO GRADE BY CENTURYLINK

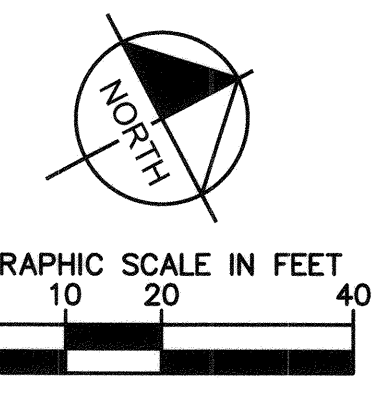
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MATCH LINE - STA: 267+00 SEE SHEET UT-05



NOTE:

- 1. CONTRACTOR SHALL VERIFY ALL FIELD MEASUREMENTS AND DIMENSIONS OF BOLLARD LOCATIONS THAT REQUIRE SPECIAL MANUFACTURING, INCLUDING ALL BOLLARD LOCATIONS TO BE INSTALLED ALONG RADII.
- 2. CONTRACTOR TO SAWCUT TO THE LIMITS OF REMOVAL AS INDICATED ON PLANS OR REMOVE FULL PANEL OF CONCRETE TO THE NEAREST JOINT AS DETERMINED BY THE ENGINEER.



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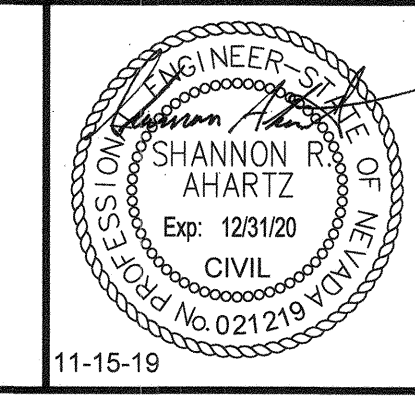
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NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER REVISION NO. 2	11/15/2019
APPROVED		



LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019

Kimley»Horn
 6871 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	UT-04
VERT: N/A	SHEET 158 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

CCWRD APPROVAL

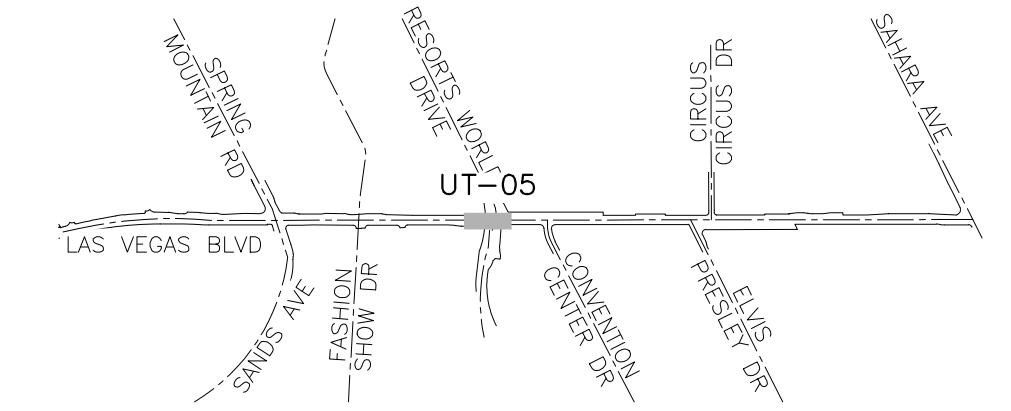
ORIGINALLY SIGNED BY J. ALHWAYEK
 CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE _____
 CCWRD PIPES NUMBER IS #19,949
 SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR
 OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION
 DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

APPROVED FOR CONSTRUCTION

ORIGINALLY SIGNED BY S. KAMOJAJALA
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: _____

VACANT
 TISHMAR, LLC
 APN: 162-09-403-004

RESORTS WORLD LAS VEGAS
 RESORTS WORLD LAS VEGAS, LLC
 APN: 162-09-311-005



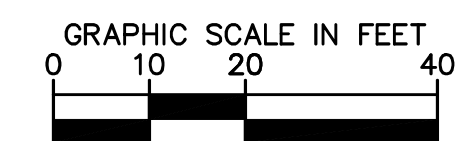
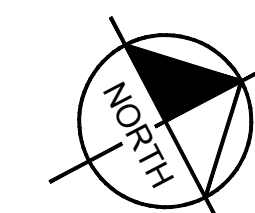
KEY MAP
 NTS

UTILITY NOTES:

- ① ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
- ⑦ EXISTING GAS VALVE TO BE ADJUSTED TO GRADE BY SOUTHWEST GAS
- ⑩ EXISTING TELEPHONE MANHOLE TO BE ADJUSTED TO GRADE BY CENTURYLINK
- ③⑨ EXISTING WATER VALVE, ADJUST TO GRADE
- ④② EXISTING SWG STRUCTURE TO BE ABANDONED BY SWG. CONTRACTOR TO GIVE SWG A MINIMUM OF TWO DAYS NOTICE FOR THE ABANDONMENT TO TAKE PLACE.

NOTE:

- 1. CONTRACTOR SHALL VERIFY ALL FIELD MEASUREMENTS AND DIMENSIONS OF BOLLARD LOCATIONS THAT REQUIRE SPECIAL MANUFACTURING, INCLUDING ALL BOLLARD LOCATIONS TO BE INSTALLED ALONG RADII.
- 2. CONTRACTOR TO SAWCUT TO THE LIMITS OF REMOVAL AS INDICATED ON PLANS OR REMOVE FULL PANEL OF CONCRETE TO THE NEAREST JOINT AS DETERMINED BY THE ENGINEER.



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MATCH LINE - STA: 267+00 SEE SHEET UT-04

MATCH LINE - STA: 272+00 SEE SHEET UT-06

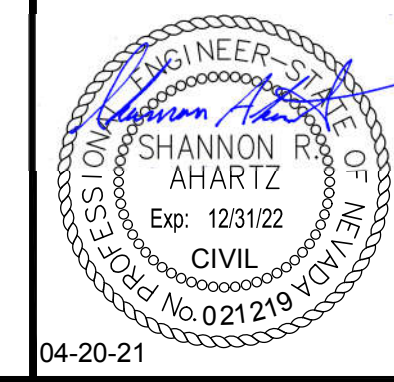
WARNING:
 EXISTING DESERT INN BRIDGE DECK AND APPROACH SLAB. CONTRACTOR SHALL MAKE EVERY EFFORT TO AVOID DAMAGE TO THIS STRUCTURE.

User: Daniel.Wolf
 Path: K:\LAV_Public\Trans\092061_CC\021-LVB_Roadway-Signal\CAD\Plansheets\092061021-UT.dwg /
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NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER REVISION NO. 2	11/15/2019
3	LVB-GENTING INTERSECTION REVISION	04/20/2021
APPROVED		



LAS VEGAS BOULEVARD
ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 04-20-2021

Kimley»Horn
 6871 Las Vegas Boulevard South Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	UT-05
VERT: N/A	SHEET 159 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
 BID NO.: 605203-19

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

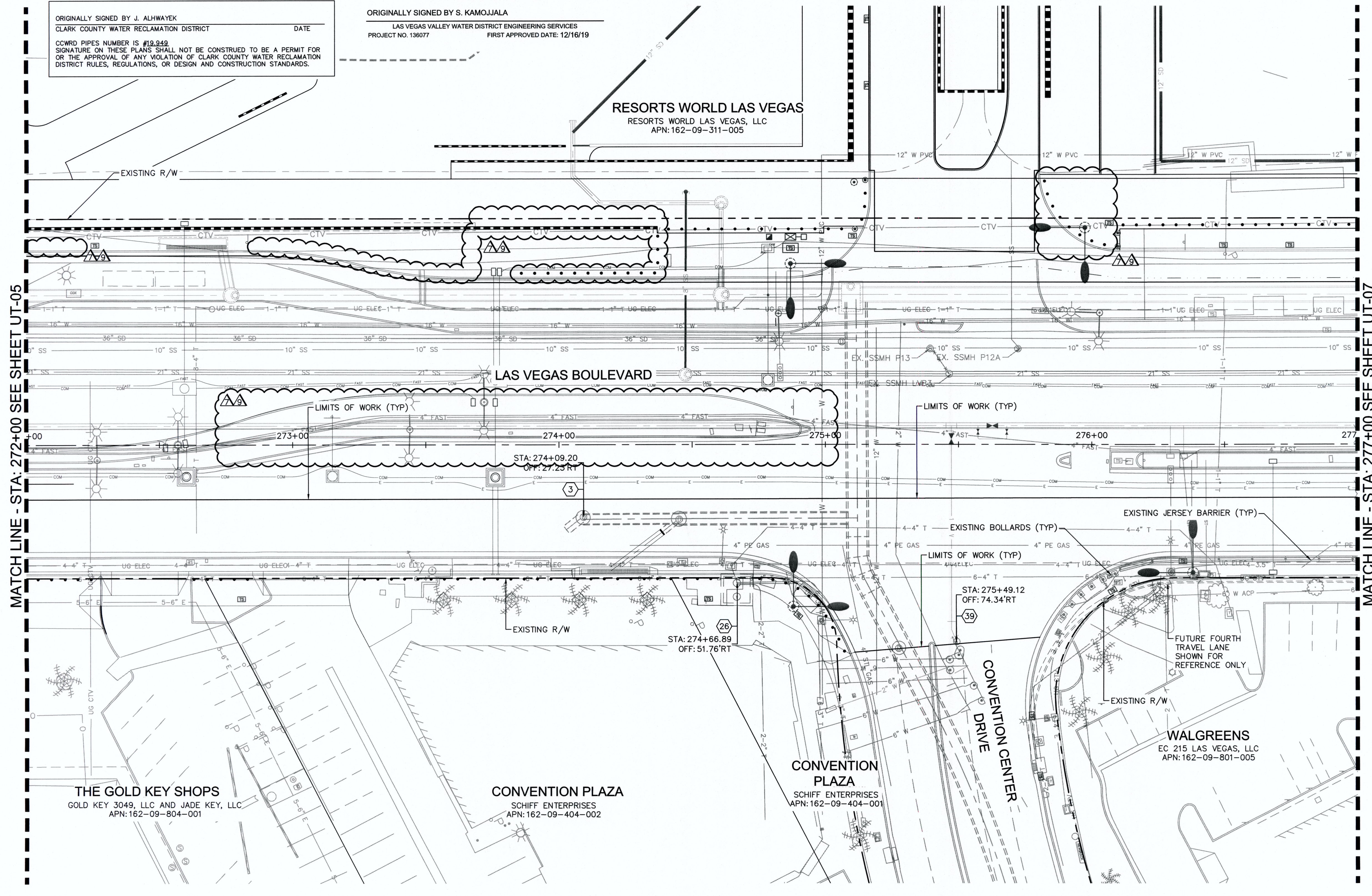
CCWRD APPROVAL

ORIGINALLY SIGNED BY J. ALHWAYEK
 CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE _____
 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.

APPROVED FOR CONSTRUCTION

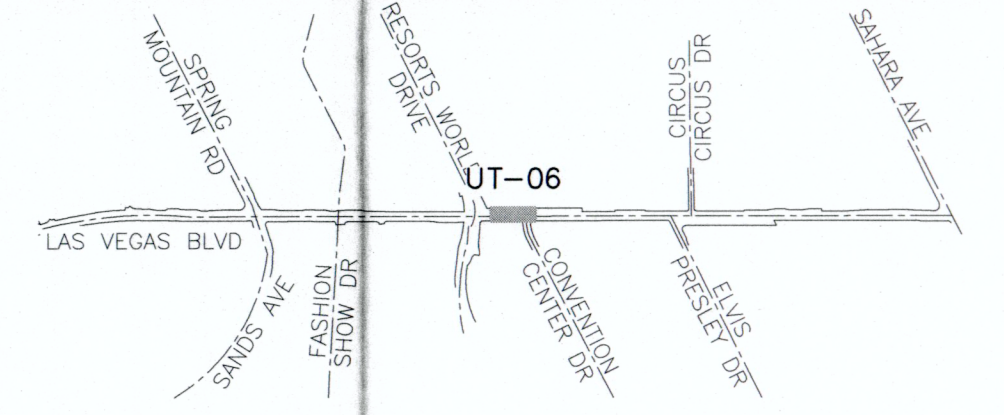
ORIGINALLY SIGNED BY S. KAMOJJALA
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19

RESORTS WORLD LAS VEGAS
 RESORTS WORLD LAS VEGAS, LLC
 APN: 162-09-311-005



MATCH LINE - STA: 272+00 SEE SHEET UT-05

MATCH LINE - STA: 277+00 SEE SHEET UT-07



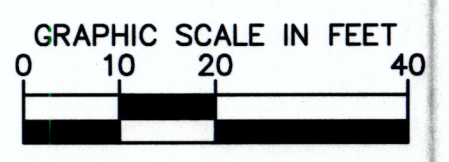
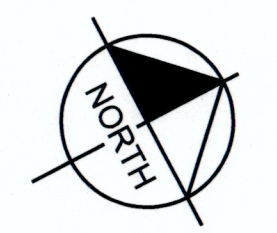
KEY MAP
NTS

UTILITY NOTES:

- 3) ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE PER CCAUSD DWG NO. 408
- 26) EXISTING TELEPHONE MANHOLE TO BE RELOCATED BY CENTURYLINK
- 39) EXISTING WATER VALVE, ADJUST TO GRADE

NOTE:

1. CONTRACTOR SHALL VERIFY ALL FIELD MEASUREMENTS AND DIMENSIONS OF BOLLARD LOCATIONS THAT REQUIRE SPECIAL MANUFACTURING, INCLUDING ALL BOLLARD LOCATIONS TO BE INSTALLED ALONG RADII.
2. CONTRACTOR TO SAWCUT TO THE LIMITS OF REMOVAL AS INDICATED ON PLANS OR REMOVE FULL PANEL OF CONCRETE TO THE NEAREST JOINT AS DETERMINED BY THE ENGINEER.



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UNION PACIFIC RAILROAD
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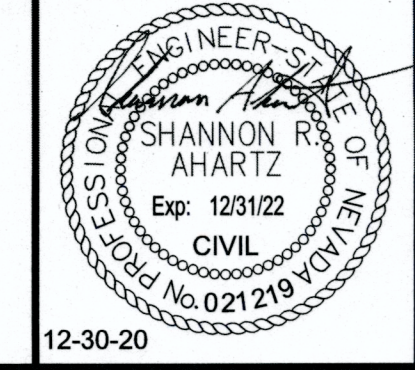
UnderGround
Call Before You Dig
1-702-432-5300

User: fernando.coez
 Path: K:\LAW_Public\Trams\0920161_CCC_021-LVB_Roadway-Signal\PlanSheets\0920161-UT.dwg /
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NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER REVISION NO. 2	11/15/2019
3	RWLVL RELATED IMPROVEMENT REV	09/04/2020
4	RWLVL RELATED IMPROVEMENT REV LWW: [Signature] 01/19/2021	12/30/2020
APPROVED		



**LAS VEGAS BOULEVARD
 ROADWAY IMPROVEMENTS**
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 12-30-2020

Kimley-Horn
 6271 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119
 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	UT-06
VERT: N/A	SHEET 160 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

BID No.: 605203-19

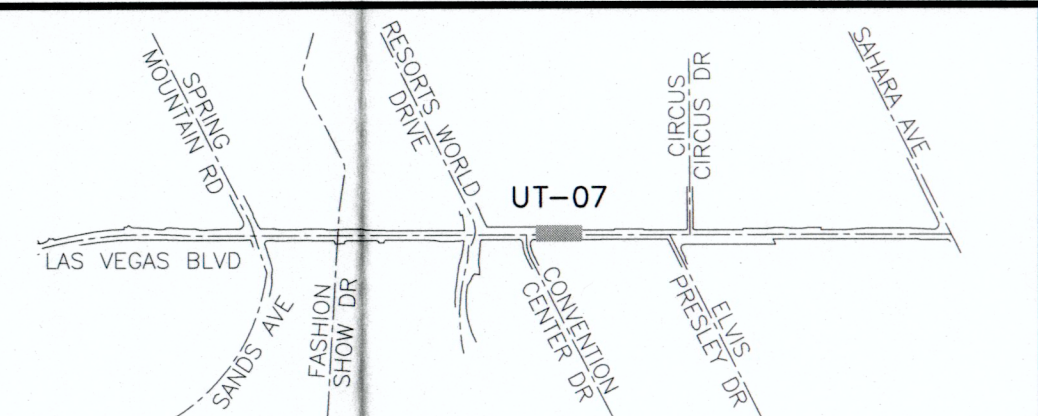
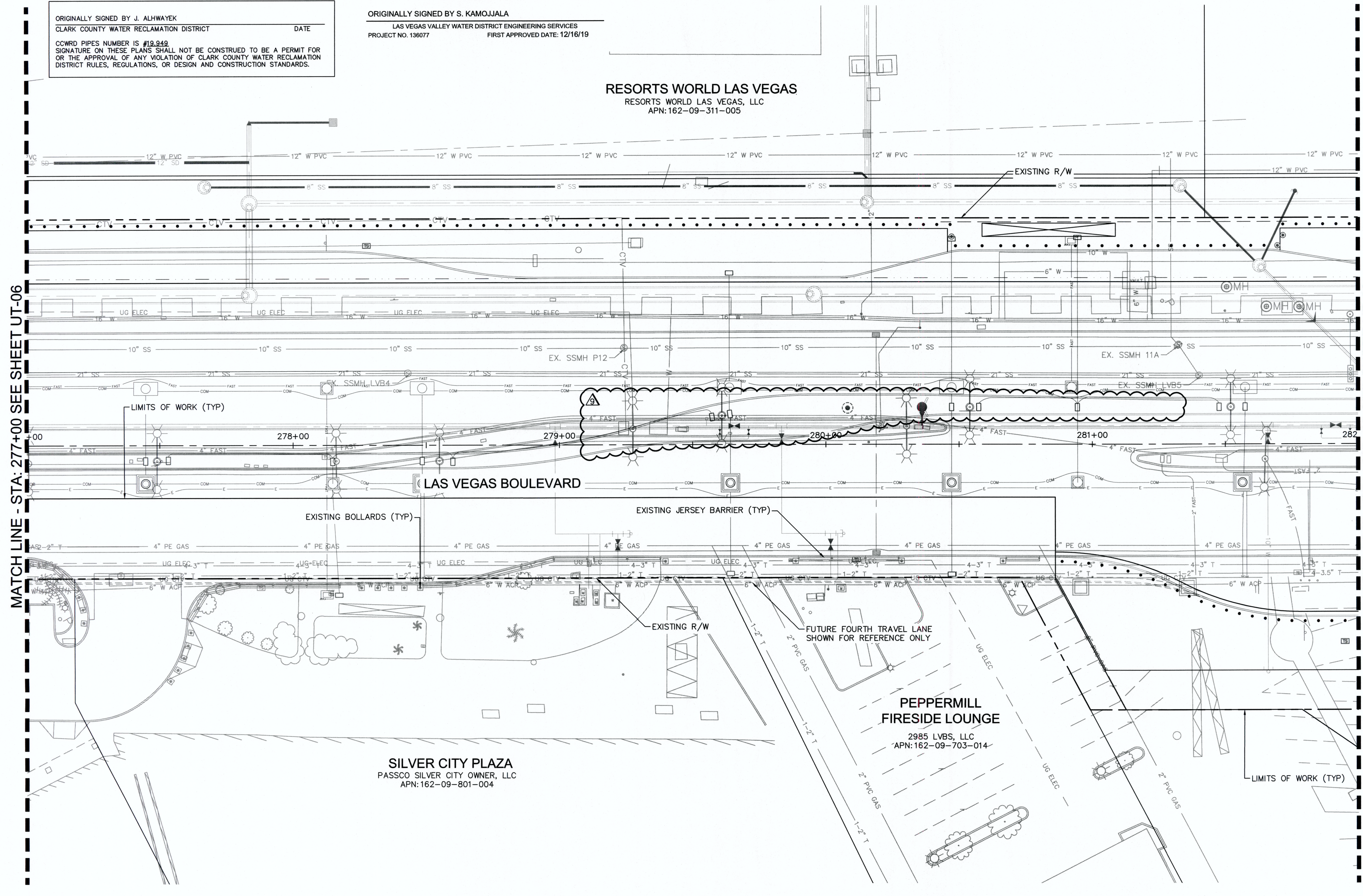
CCWRD APPROVAL

ORIGINALLY SIGNED BY J. ALHWAYEK
 CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE _____
 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.

APPROVED FOR CONSTRUCTION

ORIGINALLY SIGNED BY S. KAMOJJALA
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19

RESORTS WORLD LAS VEGAS
 RESORTS WORLD LAS VEGAS, LLC
 APN: 162-09-311-005

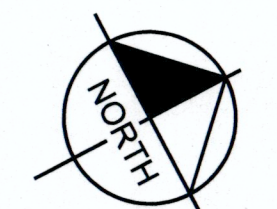
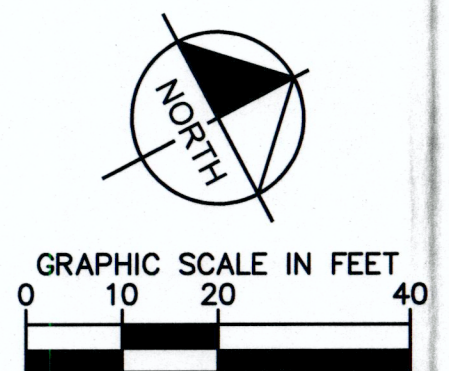


KEY MAP
 NTS

UTILITY NOTES:

NOTE:

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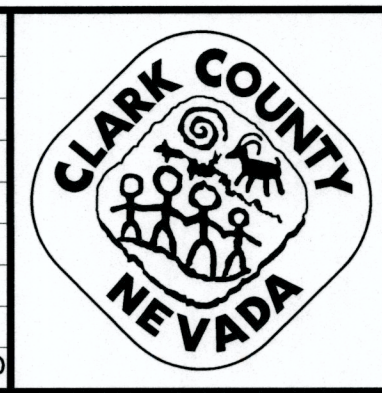
UNION PACIFIC RAILROAD
 Call Before You Dig
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Call Before You Dig
 1-702-432-5300

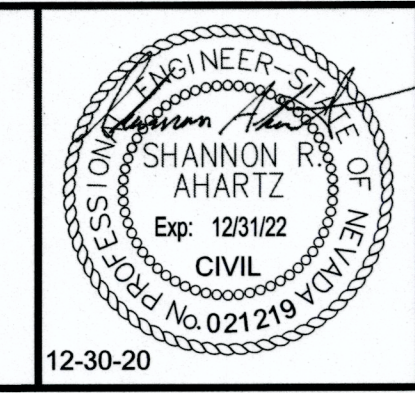
MATCH LINE - STA: 277+00 SEE SHEET UT-06

MATCH LINE - STA: 282+00 SEE SHEET UT-08

NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER REVISION NO. 2	11/15/2019
3	RWLVL RELATED IMPROVEMENT REV LWNV H 01/19/2021	12/30/2020
APPROVED		



**LAS VEGAS BOULEVARD
 ROADWAY IMPROVEMENTS**
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 12-30-2020

Kimley Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119
 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	UT-07
VERT: N/A	SHEET 161 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

User: fernando.coz
 Path: K:\LAV_Public\Trns\0920061_C02-1-LB_Roadway-Signal\CAD\Plan\0920061-UT.dwg /
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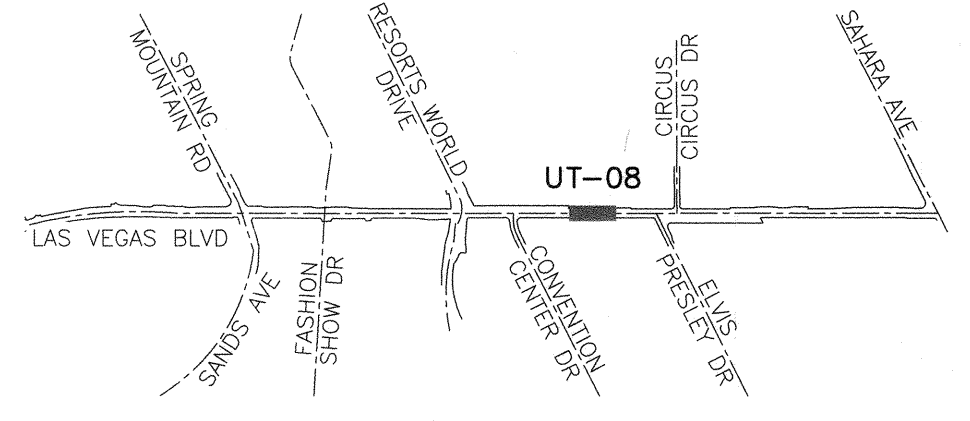
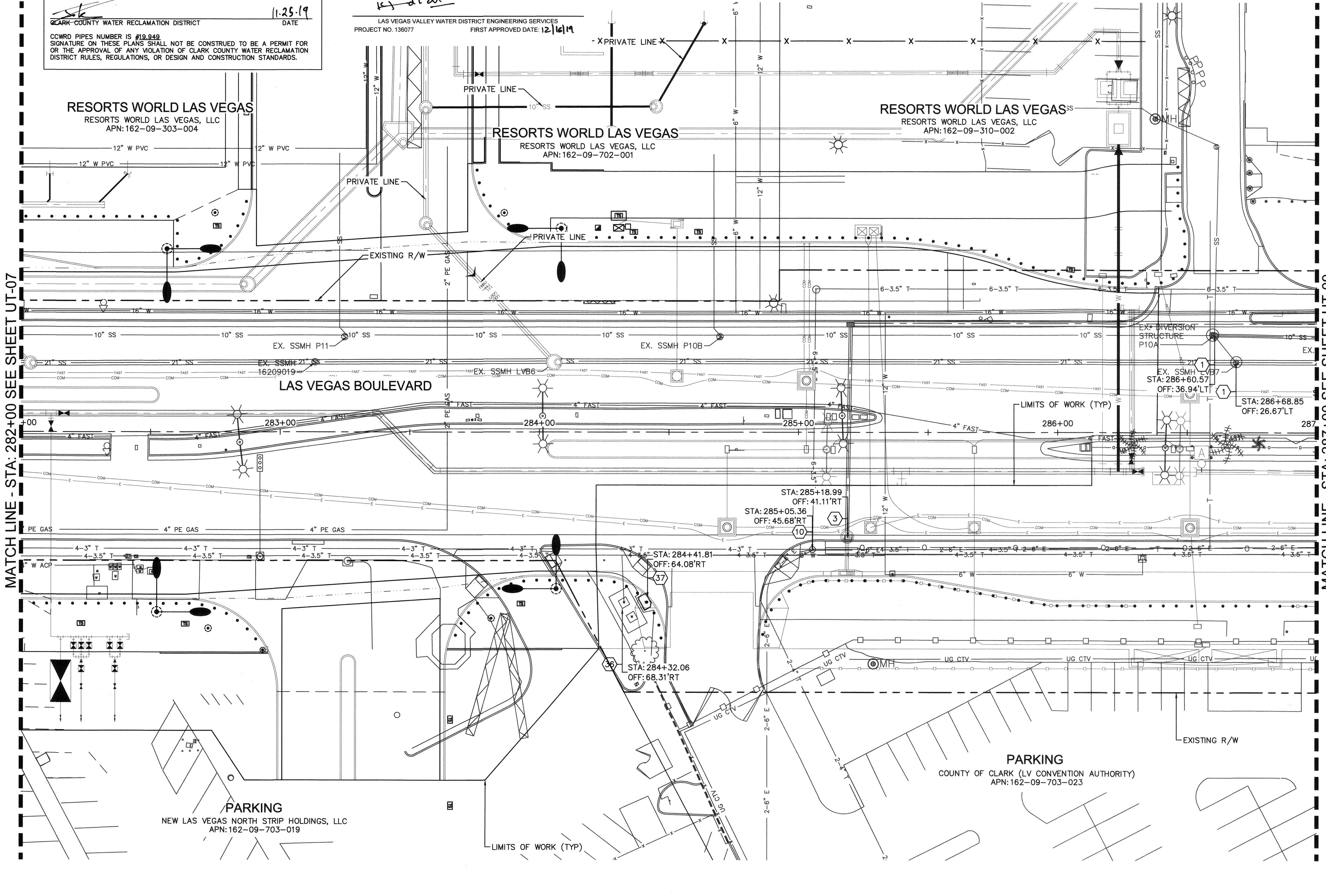
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
 BID No.: 605203-19

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11-25-19
 CCWRD PIPES NUMBER IS #19-948
 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.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19



KEY MAP
 NTS

UTILITY NOTES:

- ① ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCWSCS SD-4 AND SD-5
- ③ ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE PER CCAUSD DWG NO. 408
- ⑩ EXISTING TELEPHONE MANHOLE TO BE ADJUSTED TO GRADE BY CENTURYLINK
- ③⑥ EXISTING 8"X4" FMCT W/ 8" DCVA TO BE ABANDONED BY LVCVA
- ③⑦ EXISTING T-400 INTERCEPT VAULT TO BE RELOCATED BY CENTURYLINK

NOTE:

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- 2. CONTRACTOR TO SAWCUT TO THE LIMITS OF REMOVAL AS INDICATED ON PLANS OR REMOVE FULL PANEL OF CONCRETE TO THE NEAREST JOINT AS DETERMINED BY THE ENGINEER.

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 1-800-336-9189

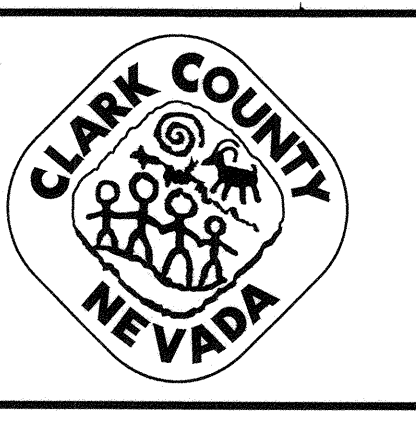
UnderGround
 Call before you dig
 1-702-432-5300

GRAPHIC SCALE IN FEET
 0 10 20 40

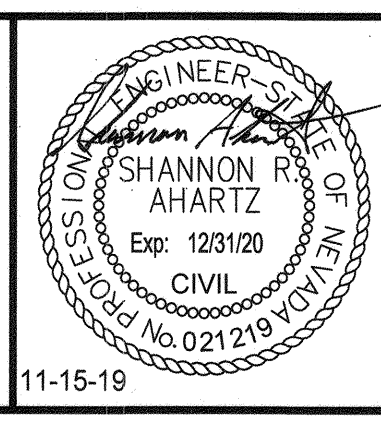
North Arrow

User: k:\projects\19\19-09\19-09-001\19-09-001.dwg / Path: K:\projects\19\19-09\19-09-001\19-09-001.dwg / This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Release of and improper reliance on this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

NO.	REVISIONS	DATE
1	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
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019
Kimley-Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	UT-08
VERT: N/A	SHEET 162 OF 345
FIELD BOOK: NONE	L-2210

ISSUED FOR CONSTRUCTION

BID No. - 605203-19

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11.25.19
 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.

APPROVED FOR CONSTRUCTION

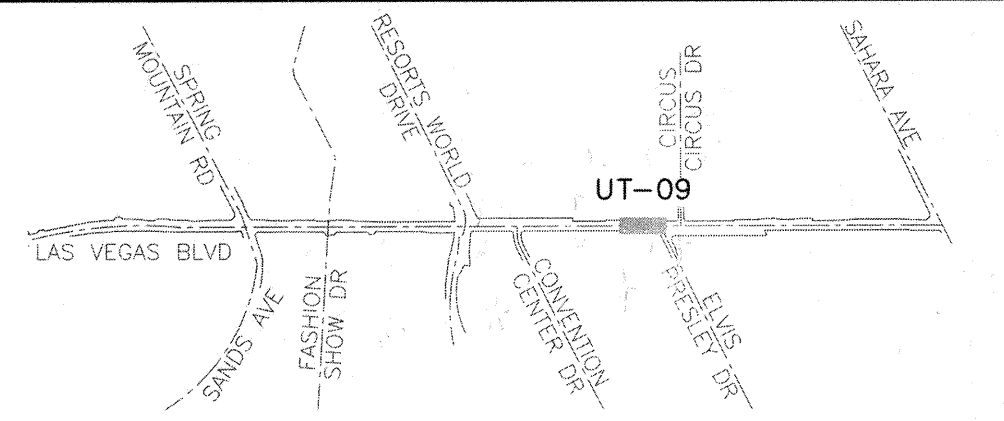
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19

MCDONALD'S
 MCDONALD'S USA, LLC
 APN: 162-09-710-001

SLOTS-A-FUN
 VINTAGE LAND HOLDINGS, LLC
 APN: 162-09-212-001

CIRCUS CIRCUS
 VINTAGE LAND HOLDINGS, LLC
 APN: 162-09-212-001

PARKING
 COUNTY OF CLARK (LV CONVENTION AUTHORITY)
 APN: 162-09-703-023



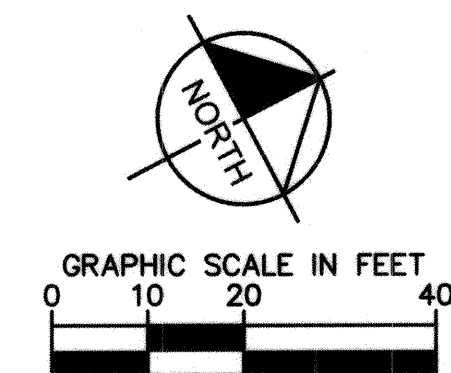
KEY MAP
 NTS

UTILITY NOTES:

- ① ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
- ⑩ EXISTING TELEPHONE MANHOLE TO BE ADJUSTED TO GRADE BY CENTURYLINK
- ⑬ EXISTING POWER POLE TO BE RELOCATED BY NVENERGY
- ⑬ EXISTING ELECTRICAL BOX TO BE RELOCATED BY NVENERGY
- ④③ EXISTING NVENERGY CONDUIT, SEE LVCVA PHASE 2 (PW19-14271) PLANS FOR DETAILS

NOTE:

- 1. CONTRACTOR SHALL VERIFY ALL FIELD MEASUREMENTS AND DIMENSIONS OF BOLLARD LOCATIONS THAT REQUIRE SPECIAL MANUFACTURING, INCLUDING ALL BOLLARD LOCATIONS TO BE INSTALLED ALONG RADII.
- 2. CONTRACTOR TO SAWCUT TO THE LIMITS OF REMOVAL AS INDICATED ON PLANS OR REMOVE FULL PANEL OF CONCRETE TO THE NEAREST JOINT AS DETERMINED BY THE ENGINEER.

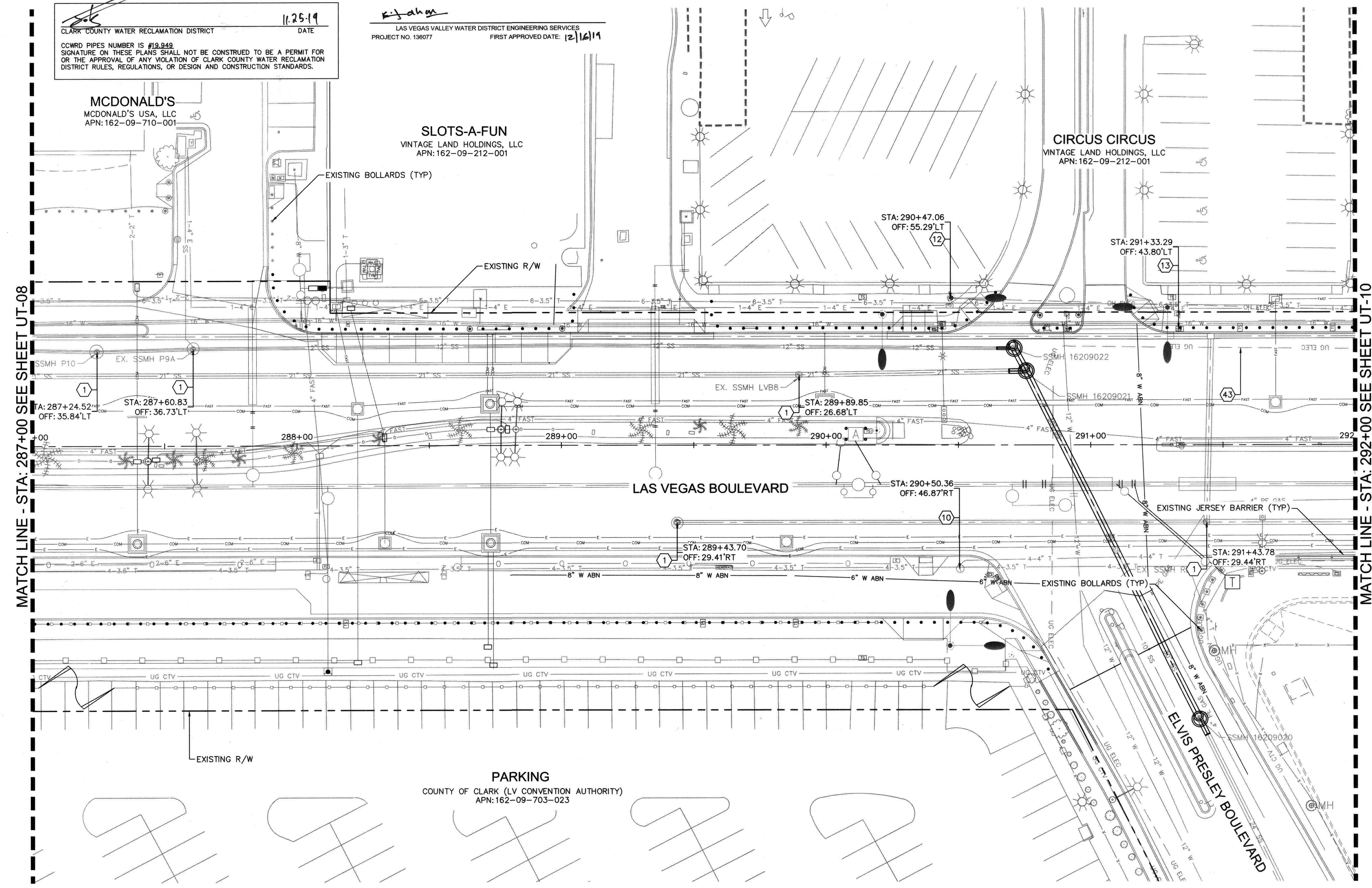


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UNION PACIFIC RAILROAD
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 1-800-338-9193

UnderGround
 Call before you dig
 1-702-432-5300



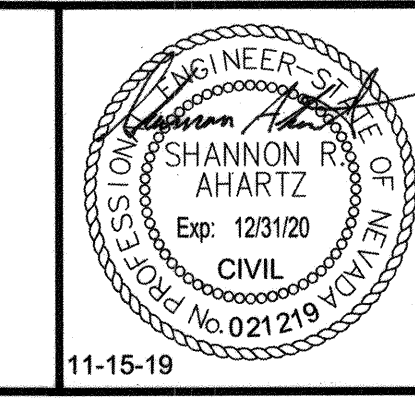
MATCH LINE - STA: 287+00 SEE SHEET UT-08

MATCH LINE - STA: 292+00 SEE SHEET UT-10

NO.	REVISIONS	DATE
1	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
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019

Kimley»Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 962-3800

SCALE	SHEET No
HORIZ: 1" = 20'	UT-09
VERT: N/A	SHEET 163 OF 345
FIELD BOOK: NONE	L-2210

ISSUED FOR CONSTRUCTION

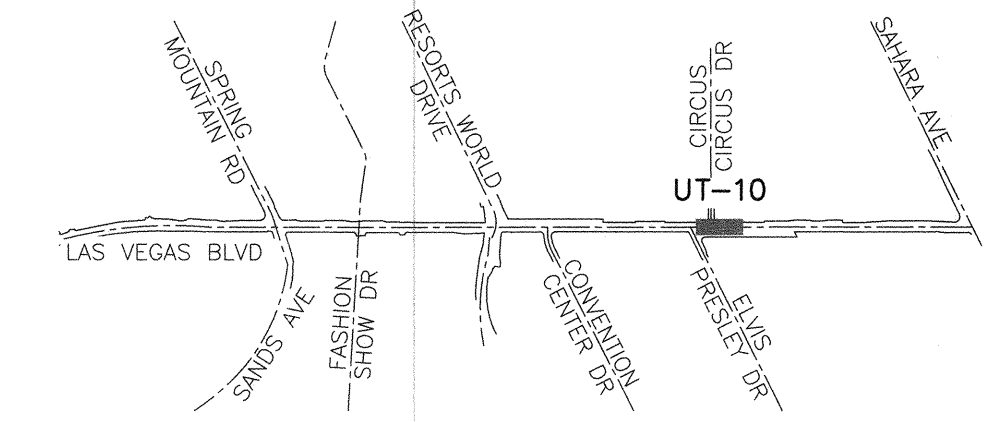
User: brod.clowson Path: K:\LAV_Public\Trans\092001_LVB_Roadway-Signal\CAD\Plansheets\09200102-UT.dwg / This document, together with all contents and design presented herein, is an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of any information contained in this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

BID NO.: 605203-19

CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11-25-19
 COWRD PIPES NUMBER IS #19,949
 SIGNATURE ON THESE PLANS SHALL NOT BE A PERMIT FOR OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

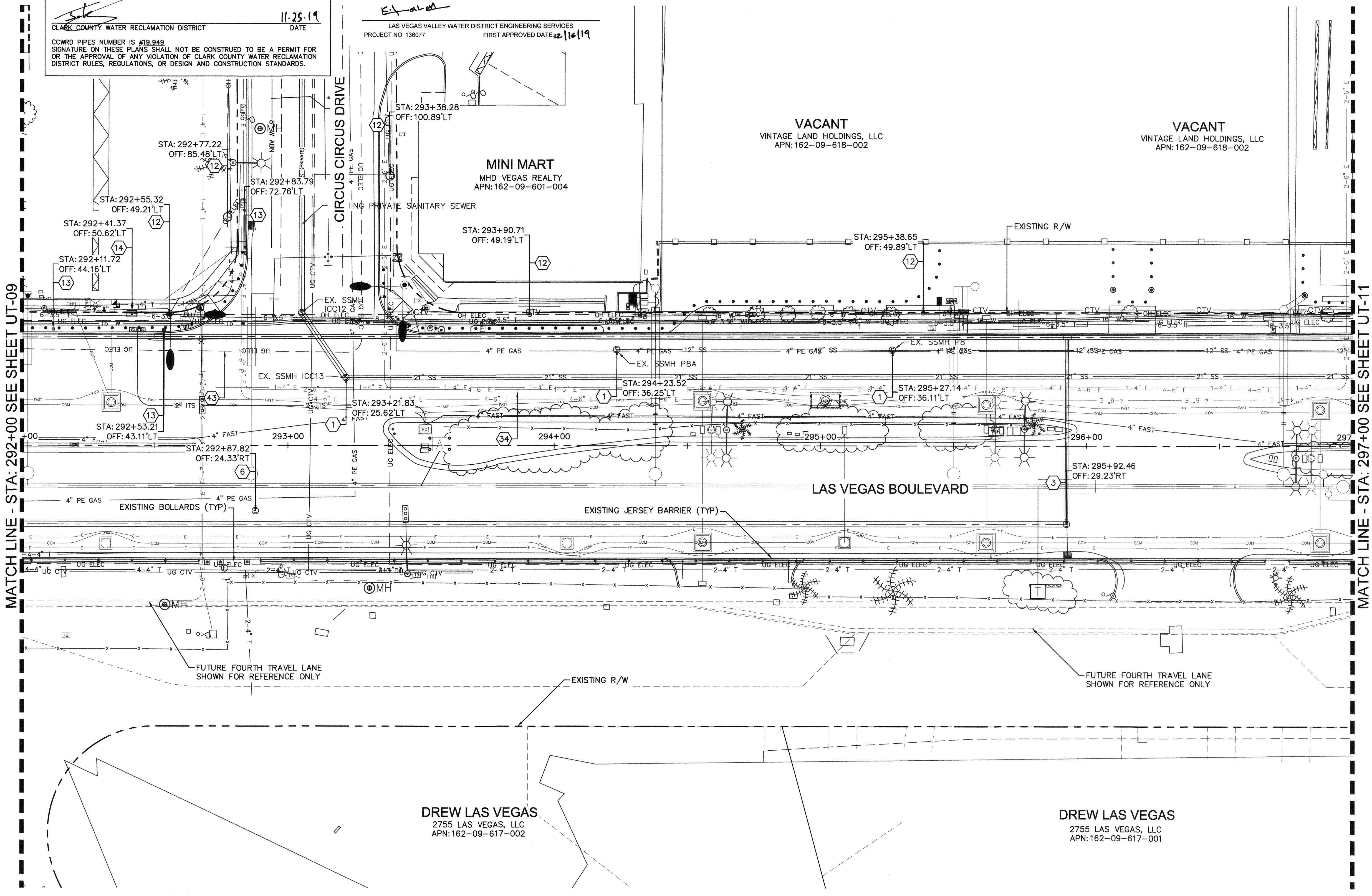
APPROVED FOR CONSTRUCTION
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19



KEY MAP
 NTS

- UTILITY NOTES:
- ① ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
 - ③ ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE PER CCAUSD DWG NO. 408
 - ⑥ EXISTING ELECTRIC MANHOLE TO BE ADJUSTED TO GRADE BY NVENERGY
 - ⑫ EXISTING POWER POLE TO BE RELOCATED BY NVENERGY
 - ⑬ EXISTING ELECTRICAL BOX TO BE RELOCATED BY NVENERGY
 - ⑭ EXISTING ELECTRICAL CABINET TO BE RELOCATED BY NVENERGY
 - ⑳ PROPOSED NVENERGY CONDUIT, SEE NVE PLANS
 - ㉔ EXISTING NVENERGY CONDUIT, SEE LVCA PHASE 2 (PW19-14271) PLANS FOR DETAILS

- NOTE:
1. CONTRACTOR SHALL VERIFY ALL FIELD MEASUREMENTS AND DIMENSIONS OF BOLLARD LOCATIONS THAT REQUIRE SPECIAL MANUFACTURING, INCLUDING ALL BOLLARD LOCATIONS TO BE INSTALLED ALONG RADI.
 2. CONTRACTOR TO SAWCUT TO THE LIMITS OF REMOVAL AS INDICATED ON PLANS OR REMOVE FULL PANEL OF CONCRETE TO THE NEAREST JOINT AS DETERMINED BY THE ENGINEER.

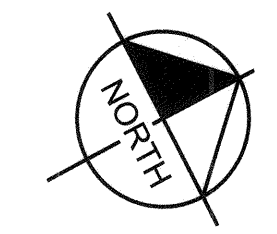
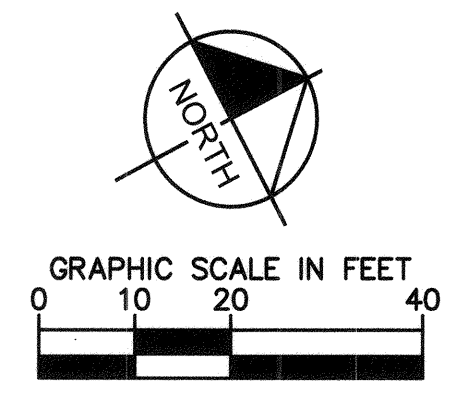


MATCH LINE - STA: 292+00 SEE SHEET UT-09

MATCH LINE - STA: 297+00 SEE SHEET UT-11

DREW LAS VEGAS
 2755 LAS VEGAS, LLC
 APN: 162-09-617-002

DREW LAS VEGAS
 2755 LAS VEGAS, LLC
 APN: 162-09-617-001



811 SAFETY ALERT
 Call Before You Overhead
 1-702-227-3829

know what's below
 Call before you dig

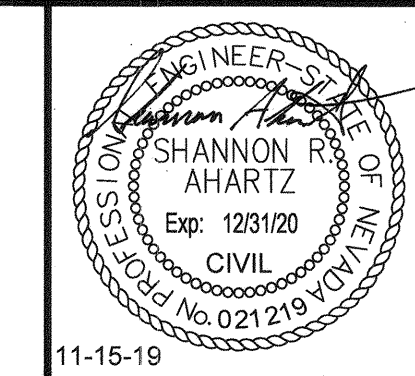
UNION PACIFIC RAILROAD
 Call Before You Dig
 1-800-336-9193

UnderGround
 Call Before you Dig
 1-702-432-5300

NO.	REVISIONS	DATE
1	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
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019

Kimley»Horn
 6871 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119
 Tel. No. (702) 882-3800

SCALE		SHEET No
HORIZ:	1" = 20'	UT-10
VERT:	N/A	SHEET 164 OF 345
FIELD BOOK:	NONE	L-2210

ISSUED FOR CONSTRUCTION

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CCWRD APPROVAL

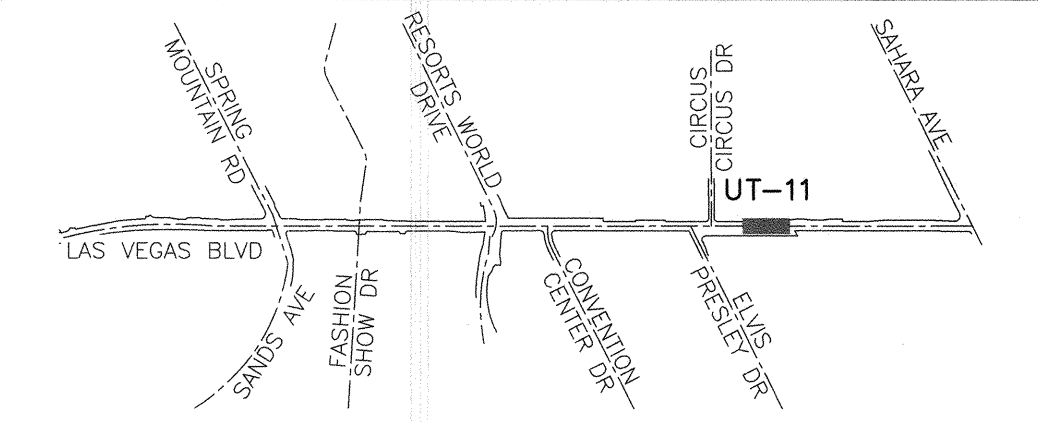
CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11-25-19
 COWRD PIPES NUMBER IS #19-842
 SIGNATURE ON THESE PLANS SHALL NOT BE A PERMIT FOR OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

APPROVED FOR CONSTRUCTION
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19

VACANT
 SMK INC
 APN: 162-09-601-002

SKY LAS VEGAS CONDOMINIUM
 CSRA 2700 S LAS VEGAS DST
 APN: 162-09-616-000

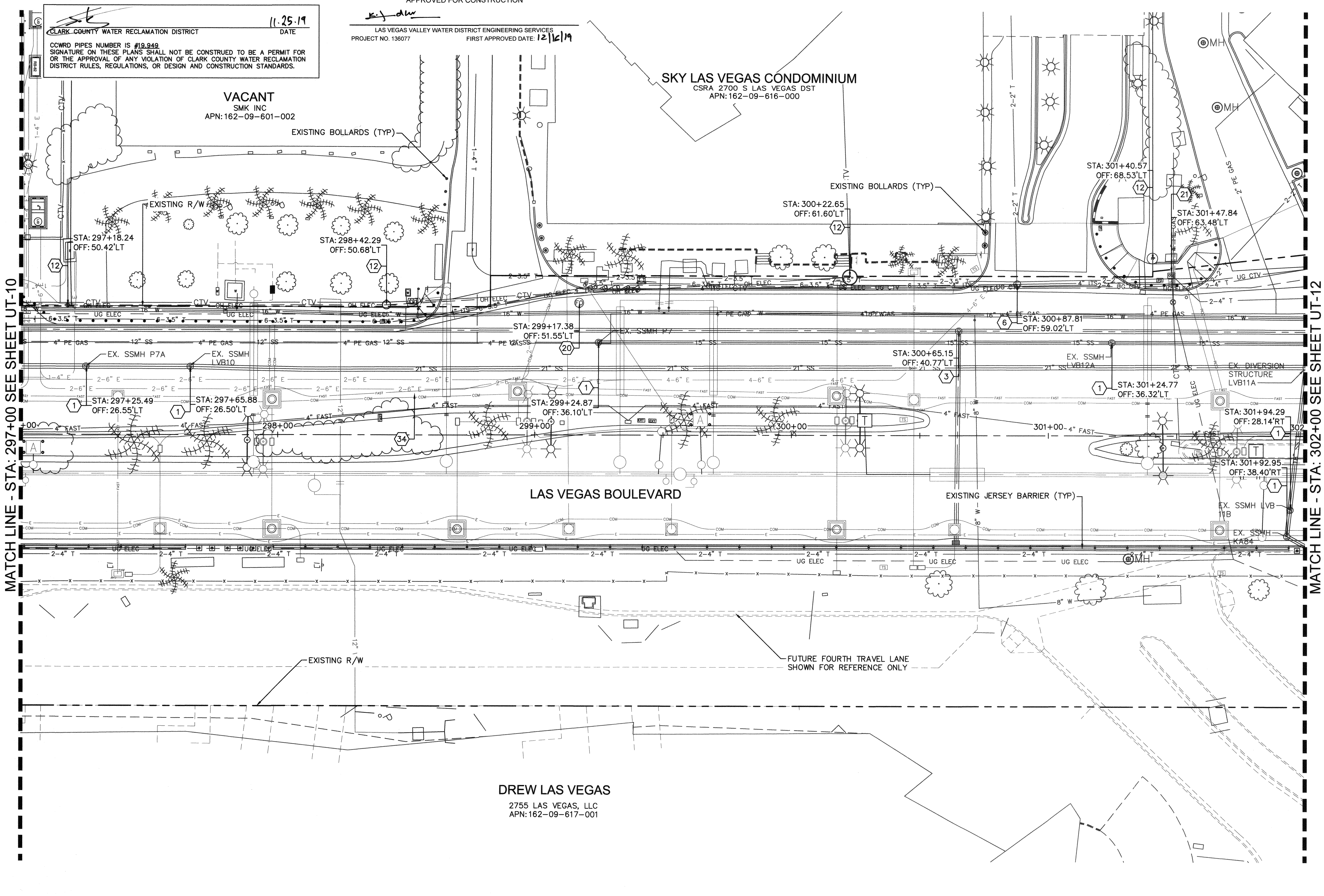
DREW LAS VEGAS
 2755 LAS VEGAS, LLC
 APN: 162-09-617-001



KEY MAP
 NTS

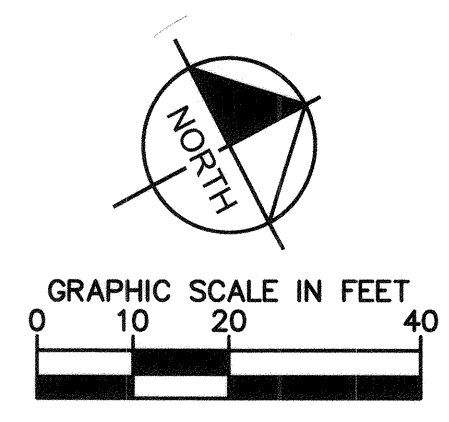
- UTILITY NOTES:
- 1 ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
 - 3 ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE PER CCAUSD DWG NO. 408
 - 6 EXISTING ELECTRIC MANHOLE TO BE ADJUSTED TO GRADE BY NVENERGY
 - 12 EXISTING POWER POLE TO BE RELOCATED BY NVENERGY
 - 20 EXISTING FIBER OPTIC MANHOLE TO BE ADJUSTED TO GRADE BY FAST
 - 21 EXISTING COX PULL BOX TO BE RELOCATED BY COX
 - 34 PROPOSED NVENERGY CONDUIT, SEE NVE PLANS

- NOTE:
1. CONTRACTOR SHALL VERIFY ALL FIELD MEASUREMENTS AND DIMENSIONS OF BOLLARD LOCATIONS THAT REQUIRE SPECIAL MANUFACTURING, INCLUDING ALL BOLLARD LOCATIONS TO BE INSTALLED ALONG RAIL.
 2. CONTRACTOR TO SAWCUT TO THE LIMITS OF REMOVAL AS INDICATED ON PLANS OR REMOVE FULL PANEL OF CONCRETE TO THE NEAREST JOINT AS DETERMINED BY THE ENGINEER.



MATCH LINE - STA: 297+00 SEE SHEET UT-10

MATCH LINE - STA: 302+00 SEE SHEET UT-12



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SAFETY ALERT
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 1-702-227-2829

UNION PACIFIC RAILROAD
 Call Before You Dig
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 1-800-336-9193

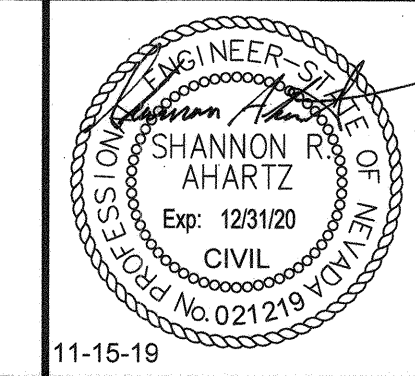
User: fernandez,ccwr; Path: K:\Nov_publications\092019\092019-UT-11.dwg / This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and objection by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

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



LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019

Kimley Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119
 Tel. No. (702) 882-3800

SCALE		SHEET No
HORIZ:	1" = 20'	UT-11
VERT:	N/A	SHEET 165 OF 345
FIELD BOOK	NONE	L-2210

ISSUED FOR CONSTRUCTION

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
 BID No. - 605203-19

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

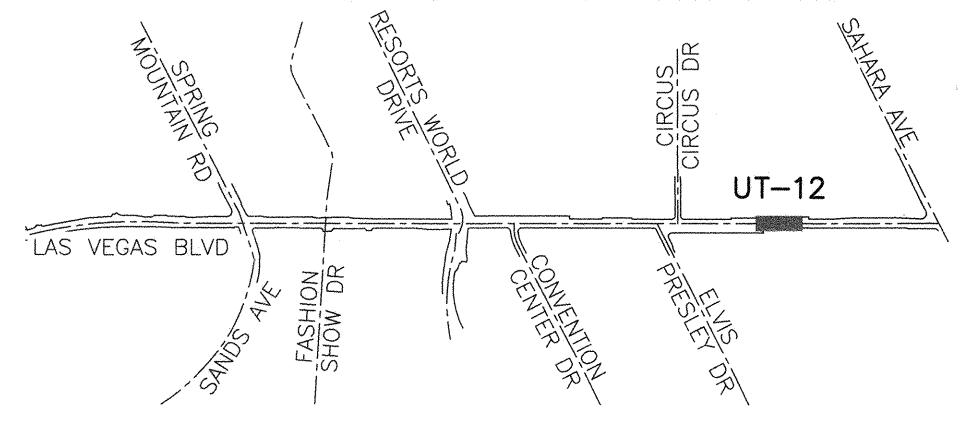
CCWRD APPROVAL

CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11.25.19
 CCWRD PIPES NUMBER IS #19.848
 SIGNATURE ON THESE PLANS SHALL NOT BE A PERMIT FOR OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19

HILTON GRAND VACATIONS SUITES
 HILTON RESORTS CORPORATION
 APN: 162-09-613-001



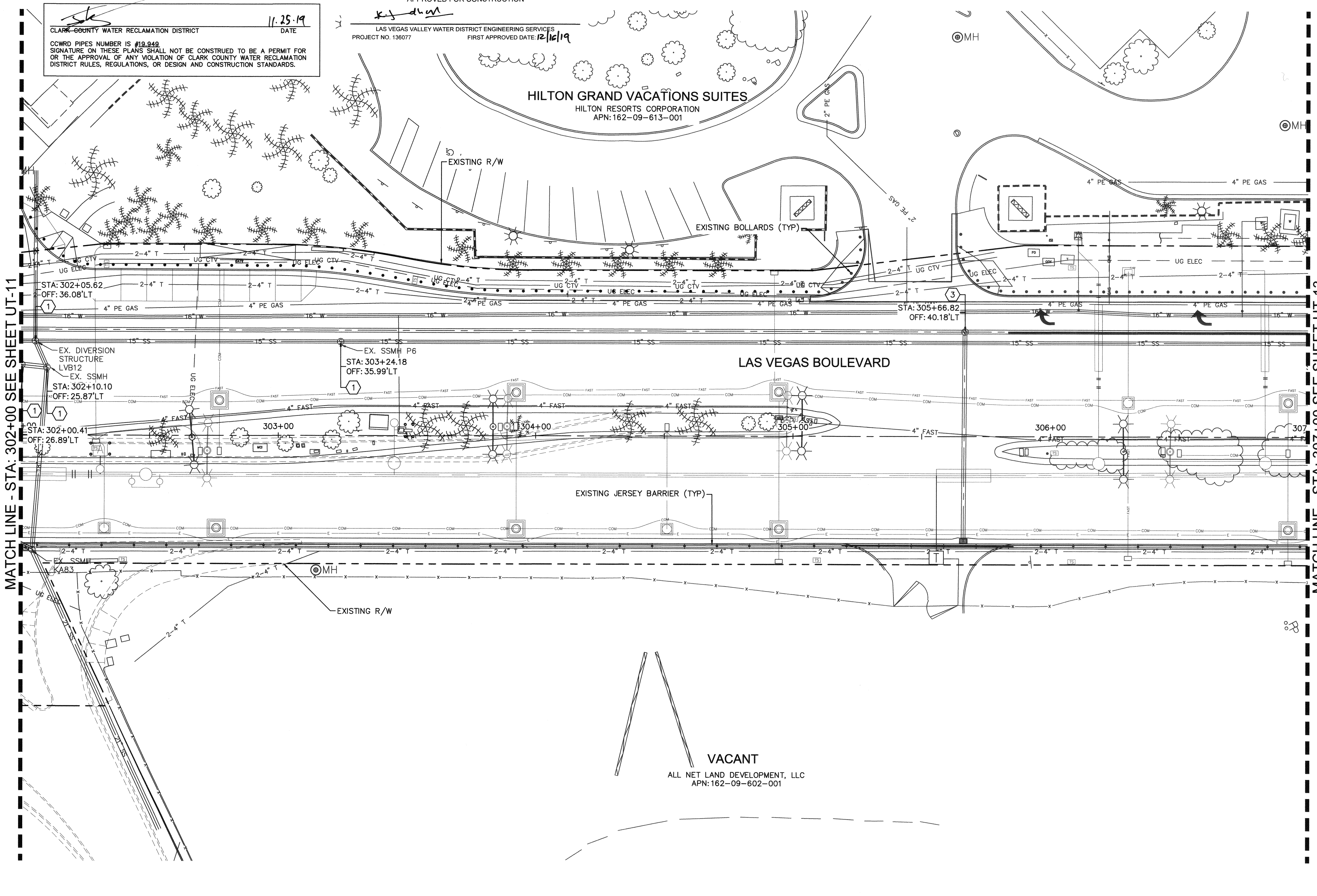
KEY MAP

UTILITY NOTES:

- 1. ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
- 3. ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE PER CCAUSD DWG NO. 408

MATCH LINE - STA: 302+00 SEE SHEET UT-11

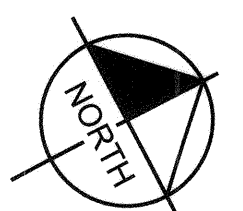
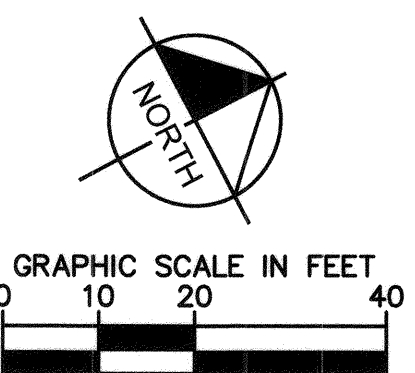
MATCH LINE - STA: 307+00 SEE SHEET UT-13



VACANT
 ALL NET LAND DEVELOPMENT, LLC
 APN: 162-09-602-001

NOTE:

- 1. CONTRACTOR SHALL VERIFY ALL FIELD MEASUREMENTS AND DIMENSIONS OF BOLLARD LOCATIONS THAT REQUIRE SPECIAL MANUFACTURING, INCLUDING ALL BOLLARD LOCATIONS TO BE INSTALLED ALONG RADII.
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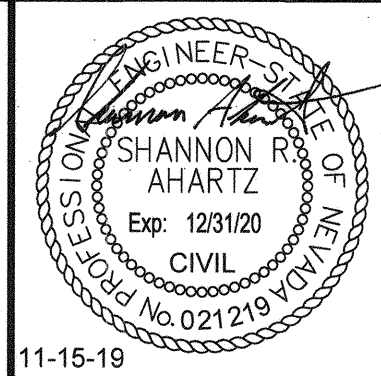
SAFETY ALERT
 Call Before You Overhead
 1-702-227-2829

UNION PACIFIC RAILROAD
 Call Before You Dig
 1-702-432-5300
 1-800-336-9193

NO.	REVISIONS	DATE
1	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
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019

Kimley»Horn
 6871 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119
 Tel. No. (702) 882-3600

SCALE	SHEET No
HORIZ: 1" = 20'	UT-12
VERT: N/A	SHEET 166 OF 345
FIELD BOOK: NONE	L-2210

ISSUED FOR CONSTRUCTION

User: k:\pub\pub\clark\092019\092019_021-UT.dwg
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BID No.: 605203-19

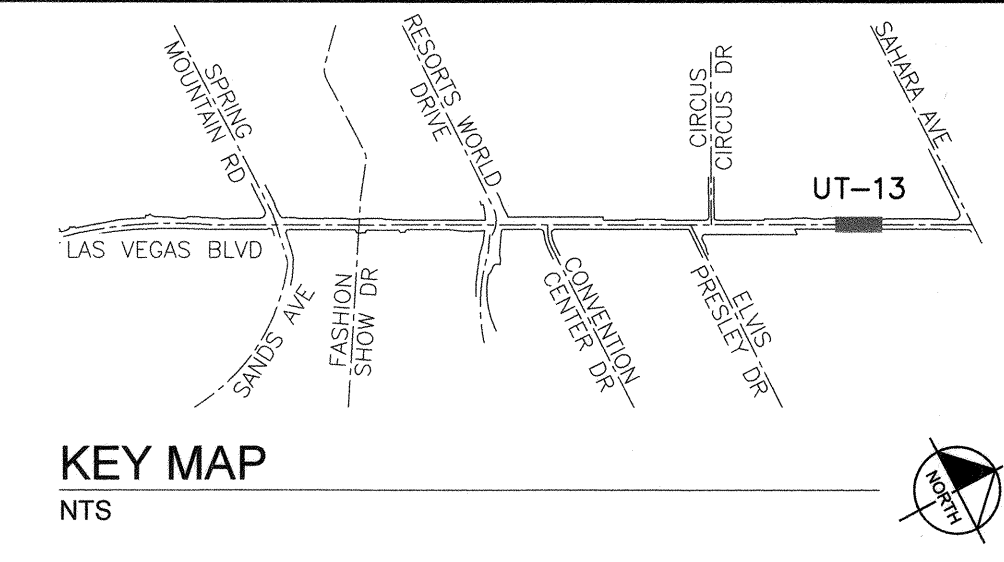
LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

CCWRD APPROVAL

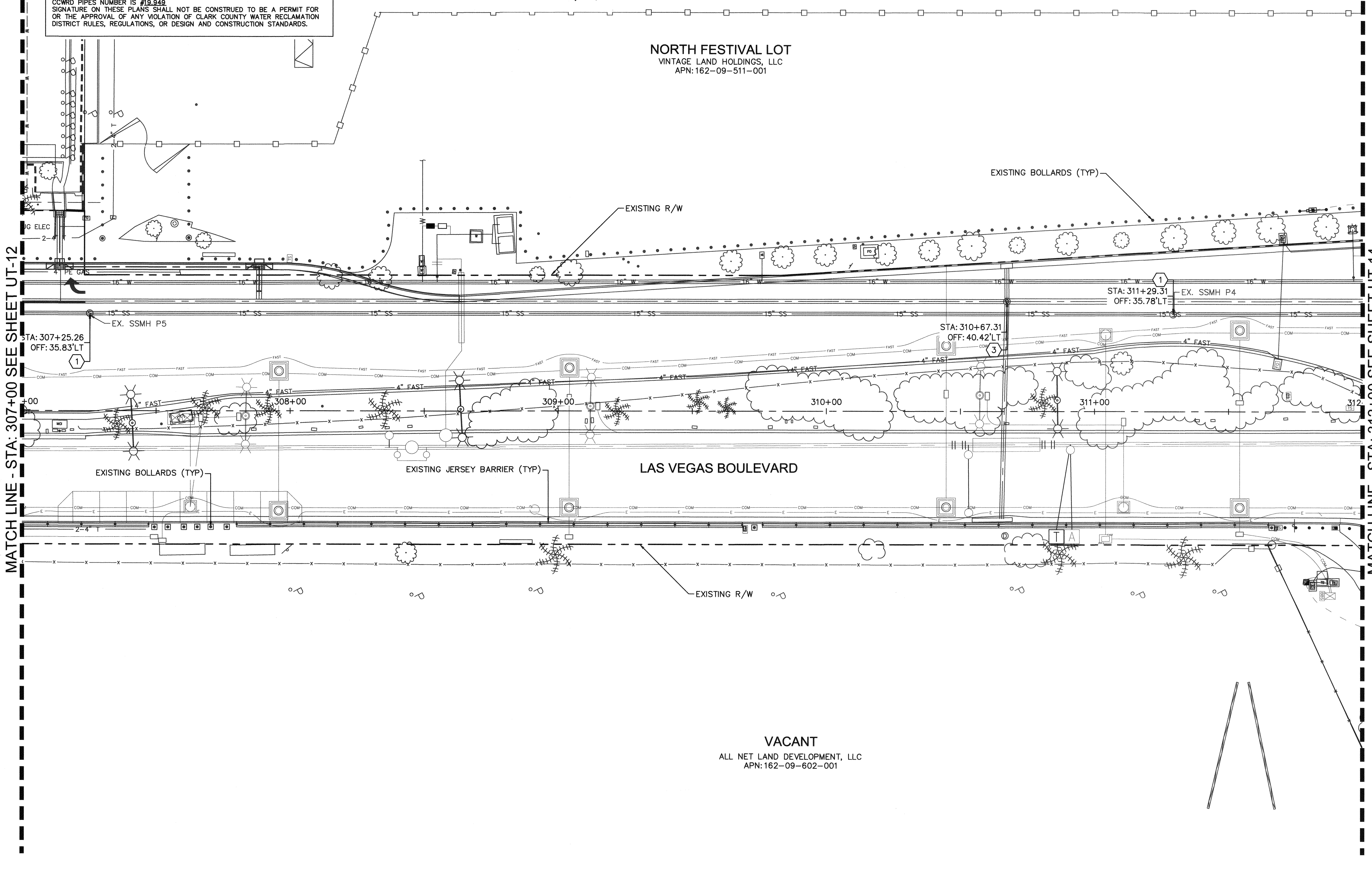
CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11-25-19
 SIGNATURE: [Signature]
 CCWRD PIPES NUMBER IS #19-049
 SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

APPROVED FOR CONSTRUCTION
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19
 SIGNATURE: [Signature]

NORTH FESTIVAL LOT
 VINTAGE LAND HOLDINGS, LLC
 APN: 162-09-511-001



- UTILITY NOTES:**
- 1 ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
 - 3 ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE PER CCAUSD DWG NO. 408



VACANT
 ALL NET LAND DEVELOPMENT, LLC
 APN: 162-09-602-001

- NOTE:**
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811
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SAFETY ALERT
 Call Before You Dig
 1-702-227-2829

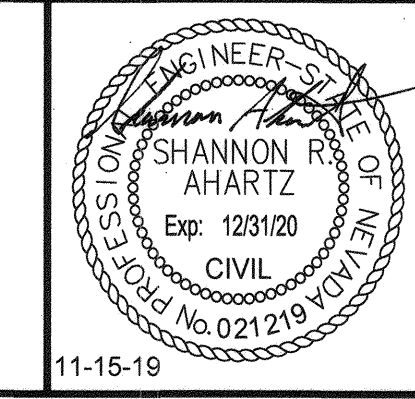
UNION PACIFIC RAILROAD
 Call Before You Dig
 1-702-432-5300
 1-800-336-9193

GRAPHIC SCALE IN FEET
 0 10 20 40

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



LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019

Kimley»Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

SCALE	SHEET No
HORIZ: 1" = 20'	UT-13
VERT: N/A	SHEET 167 OF 345
FIELD BOOK NONE	L-2210

ISSUED FOR CONSTRUCTION

Users: fernando.saez
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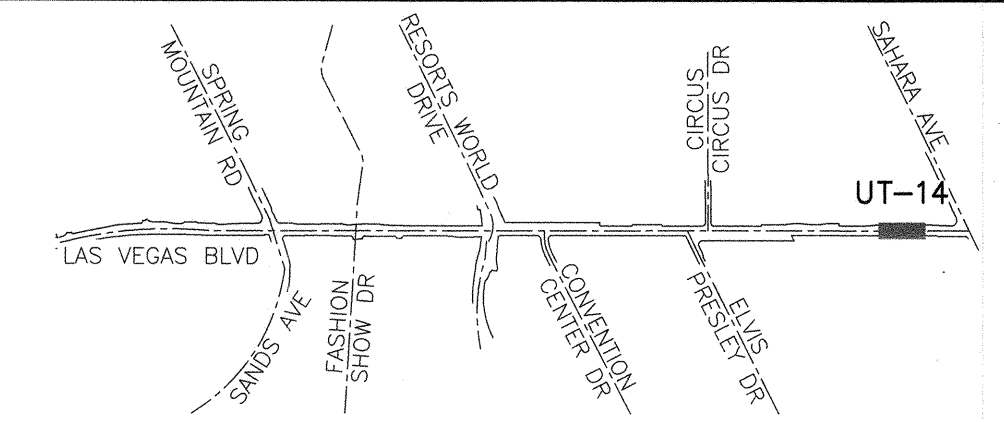
BID No.: 605203-19

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

CCWRD APPROVAL
 CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11-25-19
 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.

APPROVED FOR CONSTRUCTION
 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/16/19

NORTH FESTIVAL LOT
 VINTAGE LAND HOLDINGS, LLC
 APN: 162-09-511-001



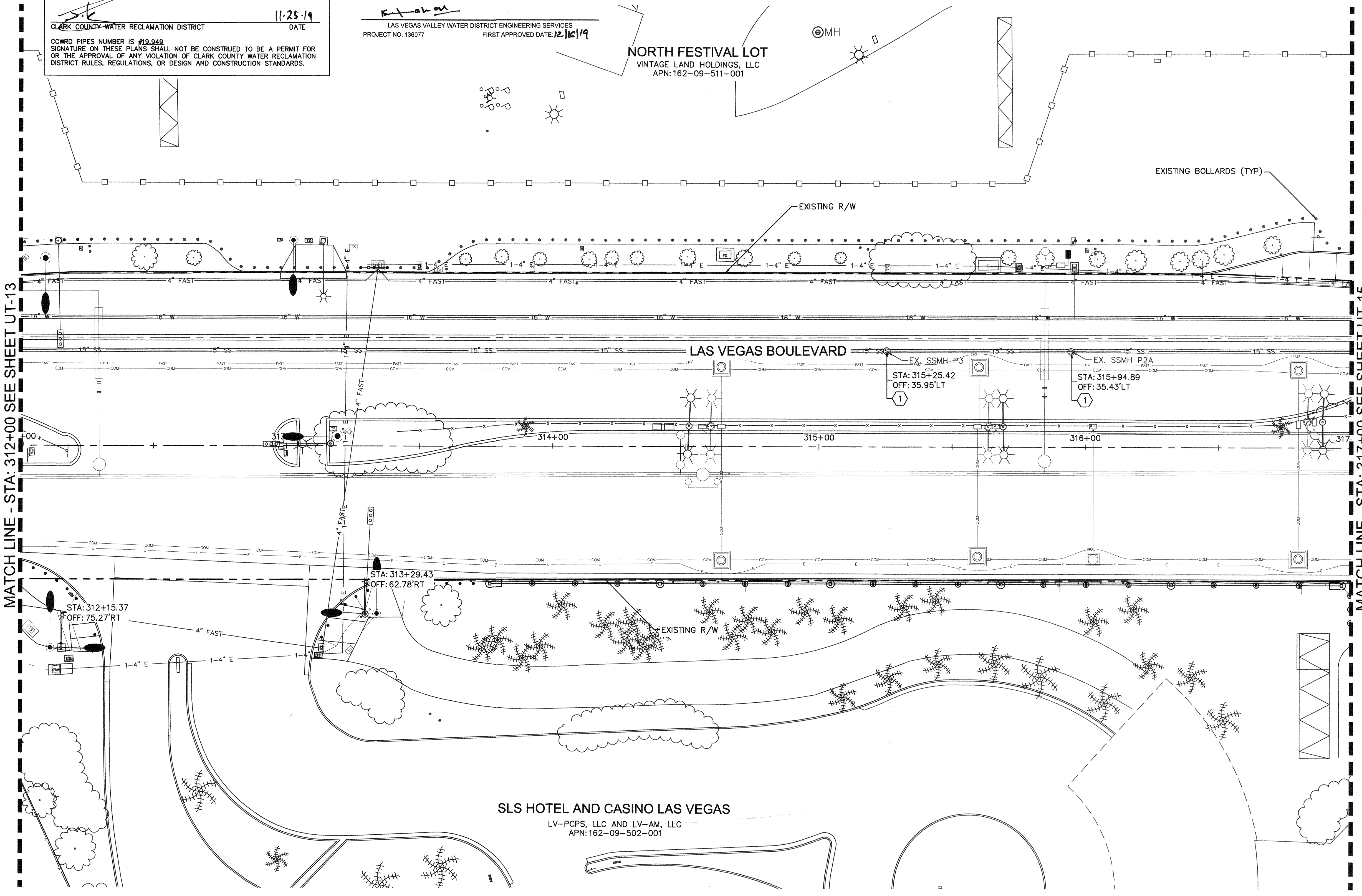
KEY MAP
 NTS

UTILITY NOTES:

- 1. ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5

MATCH LINE - STA: 312+00 SEE SHEET UT-13

MATCH LINE - STA: 317+00 SEE SHEET UT-15



NOTE:

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UNION PACIFIC RAILROAD
 Call Before You Dig
 1-800-336-9193

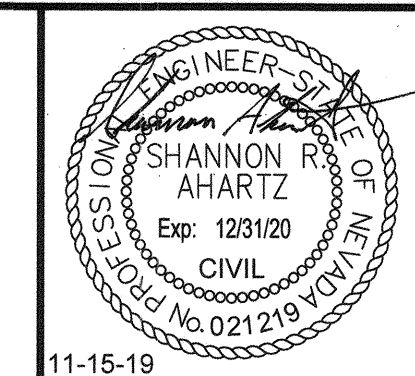
Underground
 Call Before You Dig
 1-702-432-5300

GRAPHIC SCALE IN FEET
 0 10 20 40

NO.	REVISIONS	DATE
1	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
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019

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 6571 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 882-3600

SCALE	HORIZ: 1" = 20'	SHEET No	UT-14
	VERT: N/A		
FIELD BOOK	NONE		
			SHEET 168 OF 345
			L-2210

User: fernando.mez Path: K:\vov_publications\092001_cc\021-nb_roadway-signals\CAD\plansheets\092001021-UT.dwg / This document, together with the concepts and designs presented herein, is an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

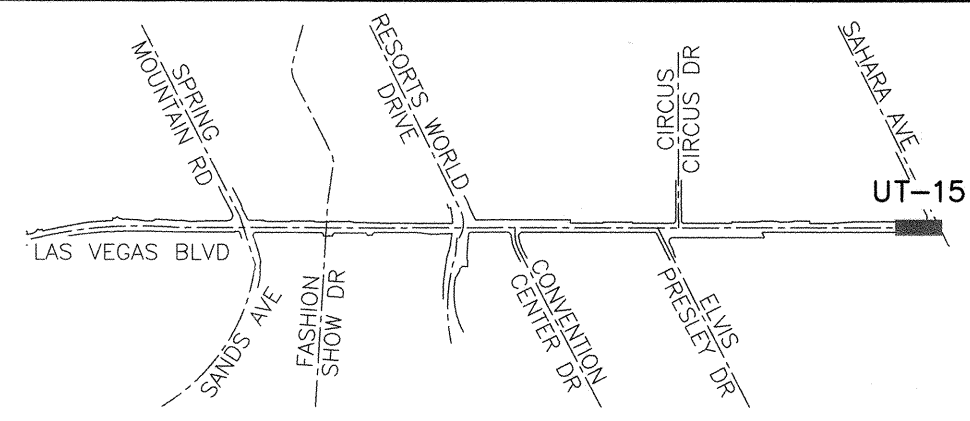
ISSUED FOR CONSTRUCTION

BID No.: 605203-19

LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS

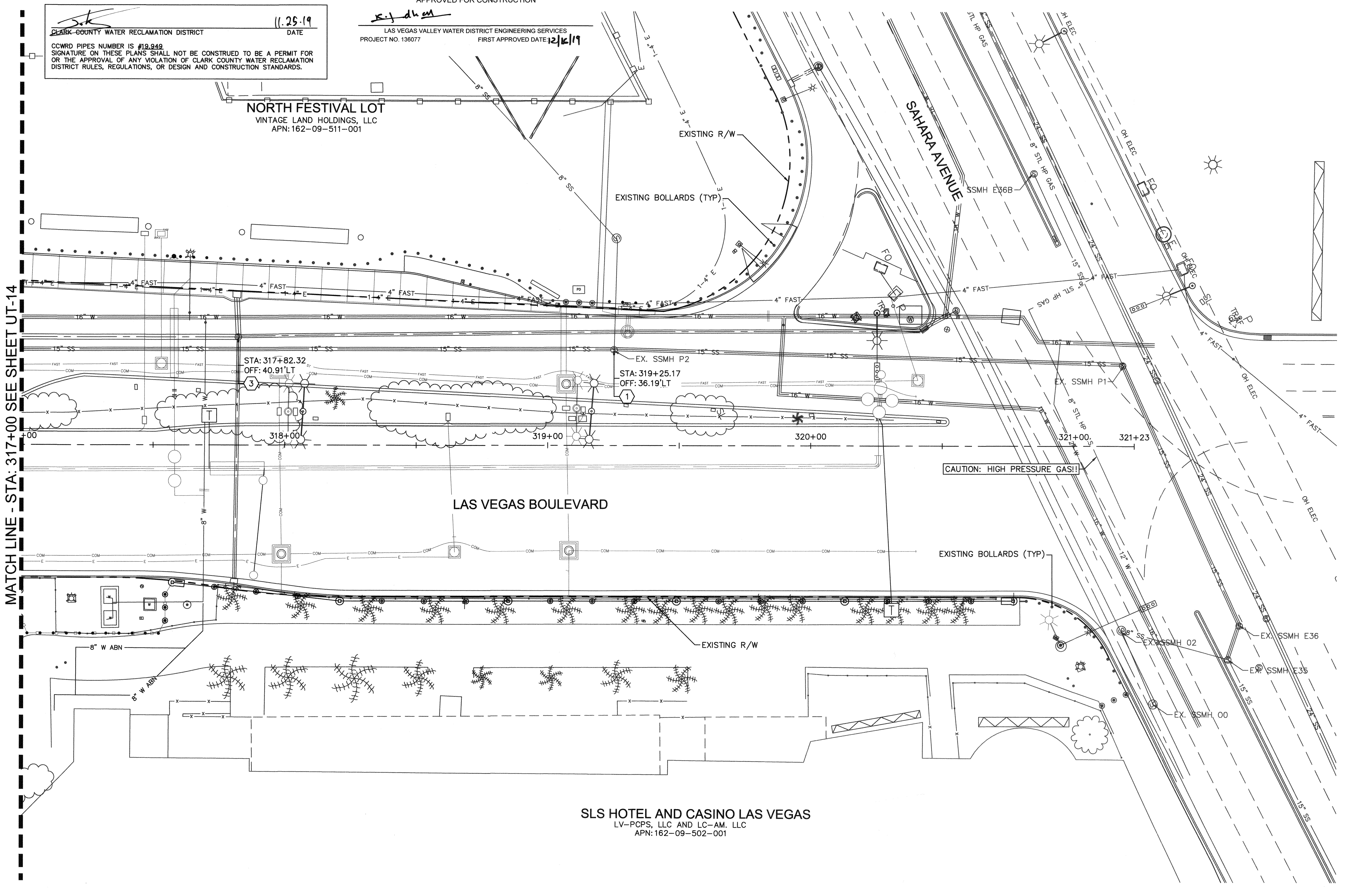
CCWRD APPROVAL
 CLARK COUNTY WATER RECLAMATION DISTRICT
 DATE: 11.25.19
 COWRD PIPES NUMBER IS #19,842
 SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR THE APPROVAL OF ANY VIOLATION OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS, OR DESIGN AND CONSTRUCTION STANDARDS.

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 LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
 PROJECT NO. 136077
 FIRST APPROVED DATE: 12/6/19



KEY MAP
 NTS

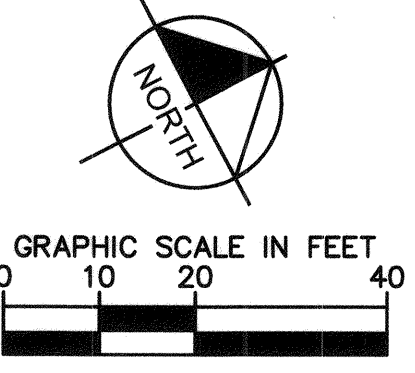
- UTILITY NOTES:**
- ① ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE PER DCSWCS SD-4 AND SD-5
 - ③ ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE PER CCAUSD DWG NO. 408



MATCH LINE - STA: 317+00 SEE SHEET UT-14

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

- NOTE:**
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 1-702-221-2829

UNION PACIFIC RAILROAD
 Call Before You Dig
 1-800-336-9193

SLS HOTEL AND CASINO LAS VEGAS
 LV-POPS, LLC AND LC-AM, LLC
 APN: 162-09-502-001

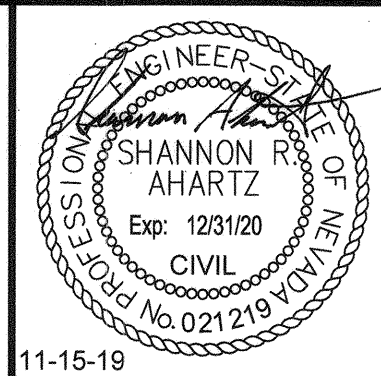
NORTH FESTIVAL LOT
 VINTAGE LAND HOLDINGS, LLC
 APN: 162-09-511-001

User: fernando.naz
 Path: K:\lav_public\cadd\021-lv_roadway-signal\CAD\plansheets\092019\021-UT.dwg
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NO.	REVISIONS	DATE
1	ISSUED FOR CONSTRUCTION	10/23/2019
2	REVISED PER REVISION NO. 2	11/15/2019
APPROVED		



LAS VEGAS BOULEVARD ROADWAY IMPROVEMENTS
 FROM SPRING MOUNTAIN ROAD TO SAHARA AVENUE
 UTILITY PLANS
 CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



DESIGNED BY: BAC
 DRAWN BY: BAC
 CHECKED BY: SRA
 DATE: 11-15-2019

Kimley»Horn
 6671 Las Vegas Boulevard South, Suite 320
 Las Vegas, Nevada 89119 Tel. No. (702) 862-3600

SCALE	HORIZ: 1" = 20'	SHEET No	UT-15
	VERT: N/A		
FIELD BOOK	NONE		
			SHEET 169 OF 345
			L-2210

ISSUED FOR CONSTRUCTION

BID No.: 605203-19