

DEPARTMENT OF PUBLIC WORKS

Mayor:
CAROLYN G. GOODMAN

City Council:
LOIS TARKANIAN (Mayor Pro-Tem)
STAVROS S. ANTHONY
BOB COFFIN
MICHELE FIORE
CEDRIC CREAR
WARD 2 VACANT

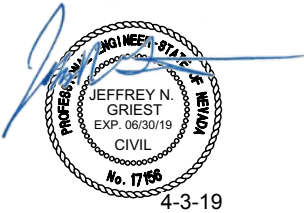
City Manager:
SCOTT D. ADAMS

Director of Public Works:
MIKE JANSSEN, P.E., P.T.O.E.

City Engineer:
ALLEN E. PAVELKA, P.E.



30% SUBMITTAL
NOT FOR CONSTRUCTION
MARCH 2019



FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND

Funded By:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

Reviewed By:

CLV CITY ENGINEER	DATE
CLV PROJECT MANAGER	DATE
CLV CITY TRAFFIC ENGINEER	DATE
CLV CONSTRUCTION MANAGER	DATE
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT	DATE
REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA	DATE
SOUTHWEST GAS CORPORATION	DATE
CENTRAL TELEPHONE COMPANY d/b/a CENTURYLINK THE AFFIXED CENTURYLINK NEVADA APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION STANDARD REGULATIONS.	DATE
COX COMMUNICATIONS LAS VEGAS, INC.	DATE
NV ENERGY – DISTRIBUTION NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.	DATE
NV ENERGY - TRANSMISSION	DATE

APPROVED FOR CONSTRUCTION	
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER DATE: _____ SHEETS: _____	PROJECT# _____

THE SIGNATURE ABOVE ACKNOWLEDGES THAT THE UTILITY COMPANY REPRESENTATIVE HAS REVIEWED THE PLANS, AND THAT TO THE BEST OF HIS OR HER KNOWLEDGE THE UTILITY LINES ARE SHOWN IN THE CORRECT LOCATIONS AND ARE THE CORRECT SIZES. WHILE SUCH DATA HAS BEEN COLLECTED WITH REASONABLE CARE, THERE IS NO EXPRESSED OR IMPLIED GUARANTEE THAT THE LOCATIONS ARE EXACT. THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY OF OBTAINING THE ACTUAL FIELD LOCATIONS.

THE SIGNATURE ABOVE FURTHER ACKNOWLEDGES THAT THE UTILITY COMPANY DOES NOT ANTICIPATE CONSTRUCTION OR MAINTENANCE IN THE PROJECT AREA FOR FIVE (5) YEARS IN CONFORMANCE WITH THE CLV NO-CUT POLICY.

5	4	3	2	1	NO.	DATE
REVISIONS						
PREPARED BY: JACOBS 2485 VILLAGE VIEW DRIVE, SUITE 350 HENDERSON, NEVADA 89074 PHONE: 702-369-6175 FAX: 702-369-1107						
CITY OF LAS VEGAS H# 72212 DESIGNED BY: DATE: April 3, 2019 SUBMITTAL STAGE: 30% SUBMITTAL CHECKED BY:						
TITLE FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND SHEET COVER SHEET						
30% SUBMITTAL NOT FOR CONSTRUCTION						
CV OF DRAWING NO. 107v7368						

1	CV	COVER SHEET
2	GN1	SHEET INDEX, ABBREVIATIONS, LEGEND & VICINITY MAP
3	GN2	CITY OF LAS VEGAS NOTES
4	GN3	LVVWD, RTC & SOUTHWEST GAS CORPORATION NOTES
5	KM1	PROJECT KEYMAP
6	TY1	TYPICAL SECTIONS - CHARLESTON BLVD
7	TY2	TYPICAL SECTIONS - CHARLESTON BLVD
8	TY3	TYPICAL SECTIONS - CHARLESTON BLVD
9	TY4	TYPICAL SECTIONS - CHARLESTON BLVD
10	SD1	STORM DRAIN PLAN & PROFILE - "CH" 55+00 TO "CH" 62+00
11	SD2	STORM DRAIN PLAN & PROFILE - "CH" 62+00 TO "CH" 70+00
12	SD3	STORM DRAIN PLAN & PROFILE - "CH" 70+00 TO "CH" 78+00
13	SD4	STORM DRAIN PLAN & PROFILE - "CH" 78+00 TO "CH" 86+00
14	SD5	STORM DRAIN PLAN & PROFILE - "CH" 86+00 TO "CH" 93+00
15	SD6	STORM DRAIN PLAN & PROFILE - "CH" 93+00 TO "CH" 101+00
16	SD7	STORM DRAIN PLAN & PROFILE - "CH" 101+00 TO "CH" 109+00
17	SD8	STORM DRAIN PLAN & PROFILE - "CH" 109+00 TO "CH" 117+00
18	SD9	STORM DRAIN PLAN & PROFILE - "6th" 2+95 TO "6th" 10+00
19	SD10	STORM DRAIN PLAN & PROFILE - "6th" 10+00 TO "6th" 17+00
20	SD11	STORM DRAIN PLAN & PROFILE - "6th" 17+00 TO "6th" 24+00
21	SD12	STORM DRAIN PLAN & PROFILE - "6th" 24+00 TO "6th" 30+00
22	SD13	STORM DRAIN PLAN & PROFILE - "8th" 15+00 TO "8th" 21+00
23	SD14	STORM DRAIN PLAN & PROFILE - EAST PARK PASEO
24	SD15	STORM DRAIN PROFILES - LATERAL PROFILES
25	DT1	TYPICAL TRENCH DETAILS
26	UT1	UTILITY PLAN - "CH" 55+00 TO "CH" 62+00
27	UT2	UTILITY PLAN - "CH" 62+00 TO "CH" 70+00
28	UT3	UTILITY PLAN - "CH" 70+00 TO "CH" 78+00
29	UT4	UTILITY PLAN - "CH" 78+00 TO "CH" 86+00
30	UT5	UTILITY PLAN - "CH" 86+00 TO "CH" 93+00
31	UT6	UTILITY PLAN - "CH" 93+00 TO "CH" 101+00
32	UT7	UTILITY PLAN - "CH" 101+00 TO "CH" 109+00
33	UT8	UTILITY PLAN - "CH" 109+00 TO "CH" 117+00
34	UT9	UTILITY PLAN - "6th" 2+95 TO "6th" 10+00
35	UT10	UTILITY PLAN - "6th" 10+00 TO "6th" 17+00
36	UT11	UTILITY PLAN - "6th" 17+00 TO "6th" 24+00
37	UT12	UTILITY PLAN - "6th" 24+00 TO "6th" 30+00
38	UT13	UTILITY PLAN - "8th" 15+00 TO "8th" 21+00
39	UT14	UTILITY PLAN - EAST PARK PASEO
40	SM1	SIGNING & STRIPING PLAN - "CH" 55+00 TO "CH" 62+00
41	SM2	SIGNING & STRIPING PLAN - "CH" 62+00 TO "CH" 70+00
42	SM3	SIGNING & STRIPING PLAN - "CH" 70+00 TO "CH" 78+00
43	SM4	SIGNING & STRIPING PLAN - "CH" 78+00 TO "CH" 86+00
44	SM5	SIGNING & STRIPING PLAN - "CH" 86+00 TO "CH" 93+00
45	SM6	SIGNING & STRIPING PLAN - "CH" 93+00 TO "CH" 101+00
46	SM7	SIGNING & STRIPING PLAN - "CH" 101+00 TO "CH" 109+00
47	SM8	SIGNING & STRIPING PLAN - "CH" 109+00 TO "CH" 117+00
48	SM9	SIGNING & STRIPING PLAN - "6th" 2+95 TO "6th" 10+00
49	SM10	SIGNING & STRIPING PLAN - "6th" 10+00 TO "6th" 17+00
50	SM11	SIGNING & STRIPING PLAN - "6th" 17+00 TO "6th" 24+00
51	SM12	SIGNING & STRIPING PLAN - "6th" 24+00 TO "6th" 30+00
52	TS1	LOOP REPLACEMENT PLAN - CHARLESTON BLVD & COMMERCIAL BLVD
53	TS2	LOOP REPLACEMENT PLAN - CHARLESTON BLVD & MAIN ST
54	TS3	LOOP REPLACEMENT PLAN - CHARLESTON BLVD & CASINO BLVD
55	TS4	LOOP REPLACEMENT PLAN - CHARLESTON BLVD & 3rd ST
56	TS5	LOOP REPLACEMENT PLAN - CHARLESTON BLVD & 4th ST
57	TS6	LOOP REPLACEMENT PLAN - CHARLESTON BLVD & LAS VEGAS BLVD
58	TS7	LOOP REPLACEMENT PLAN - CHARLESTON BLVD & 10th ST

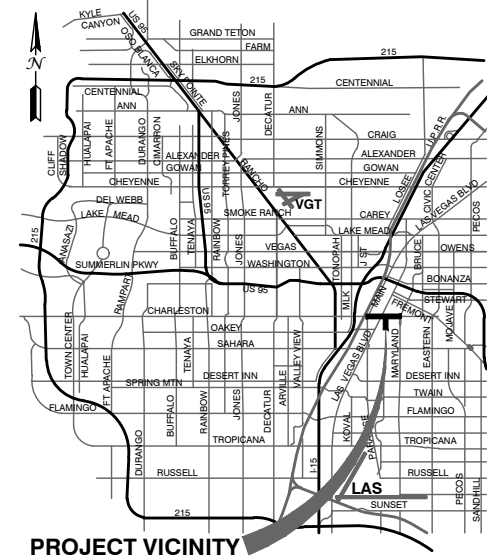
®	AT
AB	ABANDONED
AC	ASPHALTIC CONCRETE
ACP	ASBESTOS CEMENT PIPE
ABP	AUTHORIZATION TO ENTER PROPER
APPROX	APPROXIMATE
AVAR	AIR VALVE ASSEMBLY
B/C, BC	BACK OF CURB
BCR	BACK OF CURB RADIUS
BM	BENCHMARK
BOT	BOTTOM
BR	BACK OF RAMP
C & G	CURB AND GUTTER
CATV, TV	CABLE TELEVISION
CC	CLARK COUNTY
CCPW	CLARK COUNTY PUBLIC WORKS
CIPP	CURED-IN-PLACE PIPE
CL, CL	CENTERLINE
CLSM	CONTROLLED LOW STRENGTH MATERIAL
CLV	CITY OF LAS VEGAS
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
COND	CONDUCTOR
CPM	CAPITAL PROJECT MANAGEMENT
D, DIA	DIAMETER
DG	DECOMPOSED GRANITE
D/W	DRIVEWAY
DWG	DRAWING
ECR	END OF CURB RETURN (AT B/C)
ELEC	ELECTRIC
ELEV	ELEVATION
EOP, EP	EDGE OF PAVEMENT
EX	EXISTING
FC	FACE OF CURB
FD	FOUND
FG	FINISHED GRADE
FH, HYD	FIRE HYDRANT
FT	FOOT, FEET
G	GAS
GM	GAS METER
GV	GAS VALVE
GW	GUY WIRE
HP	HIGH PRESSURE
INT	INTERSECTION
IRR	IRRIGATION
L	LENGTH
LF	LINEAL FOOT, LINEAR FEET
LT	LEFT
LVVWD	LAS VEGAS VALLEY WATER DISTRICT
MH	MANHOLE

S	AT	MLCP	MULTILAYER COMPOSITE PIPE
AB	ABANDONED	MTR	METER
AC	ASPHALTIC CONCRETE	NDOT	NEVADA DEPT OF TRANSPORTATION
ACP	ASBESTOS CEMENT PIPE	NTS	NOT TO SCALE
AEP	AUTHORIZATION TO ENTER PROPERTY	NVE	NV ENERGY
APPROX	APPROXIMATE	OHF	OVERHEAD POWER LINE
AVAR	AIR VALVE ASSEMBLY	OHSLT	OVERHEAD POWER LINE
B/C, BC	BACK OF CURB	PB	PULL BOX
BCR	BACK OF CURB RADIUS	PC	POINT OF CURVATURE
BCH	BENCHMARK	P.I.P.	PROTECT IN PLACE
BOT	BOTTOM	PP	POWER POLE
BR	BACK OF RAMP	PRC	POINT OF REVERSE CURVE
C & G	CURB AND GUTTER	PT	POINT OF TANGENCY
CATV, TV	CABLE TELEVISION	ℓ, PL	PROPERTY LINE
CC	CLARK COUNTY	R RADIUS	RT RIGHT
CCPW	CLARK COUNTY PUBLIC WORKS	R/W, R.O.W.	R/W, R.O.W.
CIPP	CURED-IN-PLACE PIPE	SCCP	STEEL CINDER CONCRETE PIPE
ℓ, CL	CENTERLINE	SD	STORM DRAIN
CLSM	CONTROLLED LOW STRENGTH MATERIAL	SF	SQUARE FOOT
CLV	CITY OF LAS VEGAS	SP	SPECIAL PROVISIONS
CONC	CORRUGATED METAL PIPE	SRPDED	SERVICE PEDESTAL
COND	CONCRETE	STA	SANITARY SEWER
CONDUCTOR	CONDUCTOR	STD	STATION
CPM	CAPITAL PROJECT MANAGEMENT	STL	STANDARD
D, DIA	DIAMETER	SV	STREET LIGHT
DG	DECOMPOSED GRANITE	S/W	SPRINKLER VALVE
D/W	DRIVEWAY	S/W	SIDEWALK
DWR	DRAWING	SW	SOUTHWEST GAS
ECR	END OF CURB RETURN (AT B/C)	SY	SQUARE YARD
ELEC	ELECTRIC	T, TEL	TELEPHONE
ELEV	ELEVATION	TCE	TOP OF CURB
EOP, EP	EDGE OF PAVEMENT	TC	TEMP. CONSTRUCTION EASEMENT
EX	EXISTING	TEMP.	TEMPORARY
FACE	FACE OF CURB	TRANS.	TRANSITION
FD	FOUND	TRC	TOP OF RAMP CURB
FG	FINISHED GRADE	TRP	TRAFFIC SIGNAL
FH, HYD	FIRE HYDRANT	TYP	TYPICAL
FT	FOOT, FEET	USD	UNIFORM STANDARD DRAWING
FM	GAS	USF	UNIFORM STD SPECIFICATIONS
GV	GAS METER	W	WATER LINE
GV	GAS VALVE	WC	WHEEL CHAIR
GW	GUY WIRE	WM	WATER METER
HP	HIGH PRESSURE	WV	WATER VALVE
INT	INTERSECTION	W/	WITH
IRR	IRRIGATION	Δ	INCLUDED DELTA ANGLE
L	LENGTH		
LF	LINEAL FOOT, LINEAR FEET		
LFT	LEFT		
LVWDD	LAS VEGAS VALLEY WATER DISTRICT		
MH	MANHOLE		

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN. THE REFERENCE FRAME BEING NAD 83 (2011) EPOCH 2010.

"CC"	CASINO CENTER BOULEVARD
"CH"	CHARLESTON BOULEVARD
"CSN"	COMMERCE STREET (NORTH)
"CSS"	COMMERCE STREET (SOUTH)
"GA"	GASS AVENUE
"HA"	HOOVER AVENUE
"LYB"	LAS VEGAS BOULEVARD
"MP"	MARYLAND PARKWAY (SOUTH)
"MPN"	MARYLAND PARKWAY (NORTH)
"MS"	MAIN STREET (SOUTH)
"MSW"	MAIN STREET (WEST)
"3rd"	3rd STREET
"3rdN"	3rd STREET (NORTH)
"4th"	4th STREET
"6th"	6th STREET
"6thN"	6th STREET (NORTH)
"7th"	7th STREET
"8th"	8th STREET
"10th"	10th STREET
"10thN"	10th STREET (NORTH)
"11th"	11th STREET
"13th"	13th STREET

	CENTERLINE		SIDEWALK RAMP
	RIGHT OF WAY LINE		SIGN
	PROPERTY LINE		STORM DRAIN INLET
	AUTHORIZATION TO ENTER PROPERTY (AEP)		STORM DRAIN MANHOLE
	PATCH / SAWCUT LINE		STREET LIGHT
	STREET LIGHT CONDUIT		STREET LIGHT PULLBOX
	TRAFFIC SIGNAL CONDUIT		TELEPHONE MANHOLE
	FIBER OPTIC CONDUIT		TELEPHONE PULLBOX
	AREA LIGHT		TRAFFIC SIGNAL INDICATION WITH BACKPLATE
	BENCHMARK		TRAFFIC SIGNAL INDICATION WITH DIRECTIONAL ARROW AND BACKPLATE
	CONTROL CABINET		TRAFFIC SIGNAL POLE
	ELECTRIC SERVICE PEDESTAL (200 AMP)		TRAFFIC SIGNAL PULLBOX
	ELECTRIC MANHOLE		TV PULLBOX
	ELECTRIC METER		UTILITY POLE
	ELEC. VAULT/PULLBOX		UTILITY POLE GUY WIRE
	FIRE HYDRANT		UTILITY VAULT
	FOUND MONUMENT		VIDEO DETECTION CAMERA
	GAS METER		WATER VAULT/CABINET
	GAS VALVE		WATER MANHOLE
	ILLUMINATED STREET SIGN		WATER METER
	IRR. CONTROLLER		WATER VALVE
	IRR. VALVE		
	LOOP DETECTOR		
	PEDESTRIAN INDICATION AND DIRECTION		
	PULLBOX (P-30)		
	PULLBOX (No 7)		
	TYPE 200 PULLBOX		
	SANITARY SEWER MANHOLE		
	SET MONUMENT		



NOT TO SCALE

NOT TO SCALE

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services Manager
Date _____ Project No. 000000

BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

SHEET GN1 OF DRAWING NO. 107V7368	30% SUBMITTAL NOT FOR CONSTRUCTION	TITLE FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND SHEET	PREPARED FOR CITY OF LAS VEGAS		PREPARED BY:	5	
			H# 72212	BID#	4		
SHEET INDEX, ABBREVIATIONS, LEGEND & VICINITY MAP	DATE: April 3, 2019	DESIGNED BY:	3				
	SUBMITTAL STAGE: 30% SUBMITTAL	DRAWN BY:	2				
	CHECKED BY:	2485 VILLAGE VIEW DRIVE, SUITE 350 HENDERSON, NEVADA 89074 PHONE: 702-369-6175 FAX: 702-369-1107	1				
					NO.	DATE	REVISIONS

SHEET
GN1
OF
DRAWING NO.
107v7368

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST REVISED EDITION; THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLIN AREA; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".

2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES AS SHOWN FROM CLV PLANS LIBRARY ARE APPROXIMATE AND FOR RECORD PURPOSES. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCE WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.

3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.

4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.

5. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION, PRIOR TO THE USE ON THE PROJECT.

6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.

7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED-TYPE CURB.

8. AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.

9. CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR-TENTHS OF ONE PERCENT SHALL BE WATER-TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION. ANY CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED PER USD 216.

10. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER USD 235, CASE I. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY PROJECT REPRESENTATIVE.

11. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS, OR AS DESIGNATED IN THE FIELD BY CITY PROJECT REPRESENTATIVE.

12. EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY PROJECT REPRESENTATIVE IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.

13. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED, AND SHALL BE DONE ONLY BY A NEVADA PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS - CLARK COUNTY AREA. A RECORD-OF-SURVEY FOR REPLACEMENT OF PERMANENT SURVEY MONUMENTS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO RECORDING. THE RECORD-OF-SURVEY SHALL BE PREPARED IN ACCORDANCE WITH NEVADA REVISED STATUTES 625.350.

14. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE AFFECTED UTILITY COMPANY AND THE CITY ENGINEER.

15. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING RELATIONSHIPS; FLOOD CONTROL AND SIGHT DISTANCE AT INTERSECTIONS. NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE CLV BUILDING DEPARTMENT.

16. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHTS OF WAY.

17. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, SEWER CLEANOUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.

18. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT AND CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.

19. WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING RIBBON, ETC, THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE ENGINEER CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.

20. NEWLY INSTALLED AND EXISTING UTILITIES EXPOSED DURING CONSTRUCTION SHALL BE SURVEYED AND DOCUMENTED PER SECTION 622 OF THE SPECIAL PROVISIONS.

21. CCTV VIDEO INSPECTION IS REQUIRED FOR ALL SEWER AND STORM DRAINS. THE CCTV VIDEO INSPECTIONS NEED TO BE PERFORMED PER THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS LATEST ADDITION.

22. A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

708736-GN.dwg

1. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
3. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
4. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
5. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
6. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
7. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
8. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, SUCH ITEM SHALL BE PROVIDED, AS DIRECTED BY THE CITY ENGINEER, AT NO EXPENSE TO THE CITY OF LAS VEGAS. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

1. ALL STREET LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE STREET LIGHTING PLANS, THE "UNIFORM STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION (USS), AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA" (USD), LATEST REVISION.
2. DESIGN PROFESSIONAL AND CONTRACTOR SHALL VERIFY CITY'S LATEST LED FIXTURE SPECIFICATIONS AND APPROVED FIXTURES PER CLV WEBSITE, UNDER BUILDING AND SAFETY FORMS, PRIOR TO ORDERING MATERIALS.
3. NO DEVIATION OF STREET LIGHT, PULL BOX, CONDUITS (ETC.) LOCATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE TRAFFIC AND CITY ENGINEER. ANY DEVIATION FROM THE PLAN LOCATION WILL REQUIRE COMPLIANCE WITH SECTION 623 OF THE USS.
4. ALL EXISTING STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION IN ACCORDANCE WITH SECTION 623 G.03.01 OF THE USS.
5. ALL EMPTY CONDUIT SHALL HAVE AT LEAST ONE GREEN No. #6 AWG WIRE INSTALLED AS TRACER WIRE IN ACCORDANCE WITH SECTION 623 G.02.01 OF THE USS PRIOR TO BACKFILLING AND FINAL INSPECTION.
6. ANY STRUCTURE SUCH AS BLOCK WALLS, CHAIN LINK FENCES, RETAINING WALLS, ETC., SHALL LEAVE A MINIMUM CLEARANCE IN COMPLIANCE WITH USD NO. 320A WHEN POLE IS INSTALLED BEHIND SIDEWALK, AND SHALL AT NO TIME COMPLETELY ENCLOSE THE STREET LIGHTING POLE.
7. AS-BUILT DRAWINGS SHALL BE SUPPLIED TO THE TRAFFIC ENGINEERING DIVISION PRIOR TO ANY PRE-FINAL INSPECTION. THE AS-BUILT DRAWING NEEDS TO BE STAMPED AS-BUILT AND SIGNED BY THE PREPARER.
8. SERVICE POINTS SHALL BE COORDINATED WITH NV ENERGY, AND WHEREVER POSSIBLE, BE LOCATED NEAR THE CENTER OF THE CIRCUIT. SERVICE POINTS SHALL BE SHOWN ON THE PLANS.
9. THE CONTRACTOR SHALL FURNISH COMPLETE CONDUIT, WIRE, ETC. FROM SERVICE TO TRANSFORMERS AND CONTROL SYSTEMS IF REQUIRED ON THE PLANS OR IN THE SPECIAL PROVISIONS.
10. ALL STREET LIGHTING AND TRAFFIC SIGNAL EQUIPMENT REMOVED AND / OR DESIGNATED TO BE SALVAGED SHALL BE DELIVERED BY THE CONTRACTOR TO THE APPROPRIATE CLV SERVICE YARD WITH A MEANS TO UNLOAD. A MINIMUM 24-HOUR NOTICE OF DELIVERY IS REQUIRED. CALL 229-6331 TO SET UP DELIVERY TIME AND LOCATION. REPAIR OF ANY DAMAGE TO EQUIPMENT DURING THIS PROCESS WILL BE THE CONTRACTOR'S RESPONSIBILITY, AT NO ADDITIONAL COST TO THE CITY.

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.
3. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
5. ALL MANHOLES PAVED IN STREETS EIGHTY (80') FOOT R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY (80') FOOT R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12") DIAMETER. CONNECTIONS TO FIFTEEN INCH (15") OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y" S SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.
7. WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVWDD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCH (18") UNDER A WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.
9. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLAN AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED OR REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.
10. INSTALLATION OF CURVED SEWERS REQUIRES THE USE OF C-900 PVC PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

1. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
2. THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.
3. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS WHERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
4. WHEN A DESIGNATED "SUGGESTED ROUTE TO SCHOOL" IS ENCRoACHED UPON BY A CONSTRUCTION WORK ZONE AND PUBLIC WORKS STAFF IDENTIFIES A NEED FOR STUDENTS TO BE ASSISTED IN THE SAFE CROSSING THROUGH THAT WORK ZONE, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A QUALIFIED "CROSSING GUARD". THE GUARD SHALL BE PRESENT FOR THE FULL DURATION OF TIME THAT CHILDREN ARE LIKELY TO BE PRESENT.
5. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. ALL NEW TRAFFIC SIGNS SHALL UTILIZE TYPE XI RETROREFLECTIVE SHEETING IN ACCORDANCE WITH CCAUSS 627 AND 716 AND SHALL HAVE AN ANTI-GRAFFITI PROTECTIVE OVERLAY FILM THAT IS A MATCHING COMPONENT TO, AND OF THE SAME MANUFACTURER AS THE RETROREFLECTIVE SHEETING TO WHICH IT IS APPLIED. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.
7. WHEN A PROPOSED STREET LIGHT STANDARD IS LOCATED WITHIN FIVE (5) FEET OF ANY PROPOSED SIGN SHOWN ON THE PLANS TO BE MOUNTED ON A SIGNPOST, THE SIGN SHALL BE MOUNTED ON THE STREET LIGHT STANDARD AND THE SIGNPOST SHALL BE ELIMINATED.
8. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HERE UNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
9. STREET SIGNS AND STOP SIGNS SHALL BE INSTALLED PER CITY STANDARD SPECIFICATIONS FOR PLACEMENT OF STREET NAME SIGNS.
10. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES AND FLAGGERS TO INSURE THE SAFETY OF THE PUBLIC IN OR AROUND THE WORK AREA. THE CONTRACTOR SHALL HAVE A CERTIFIED ATSSA TRAFFIC CONTROL TECHNICIAN OR IMSA WORK ZONE SAFETY SPECIALIST SET UP, MAINTAIN AND/OR REMOVE ALL TRAFFIC CONTROL DEVICES IN THE CITY OF LAS VEGAS RIGHT OF WAY.
11. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE EXPEDITED TO COMPLETION SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA (RTC) TRANSIT IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET TO ARRANGE FOR TEMPORARY RELOCATION OF STOP.
13. GUARDS SHALL BE OBTAINED BY CONTACTING THE METROPOLITAN POLICE DEPARTMENT SPECIAL EVENTS UNIT (PHONE # 828-3442) WHO WILL PROVIDE OFFICERS PROPERLY TRAINED IN TRAFFIC CONTROL. FEES FOR THE USE OF THESE OFFICERS SHALL BE SET BY METRO AND WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL ARRANGEMENTS WITH METRO.
14. ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.
15. THE CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION

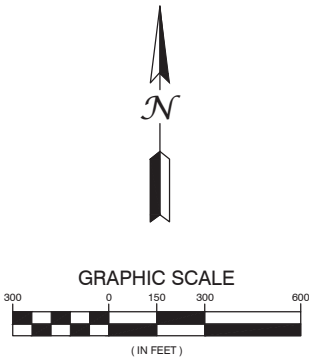
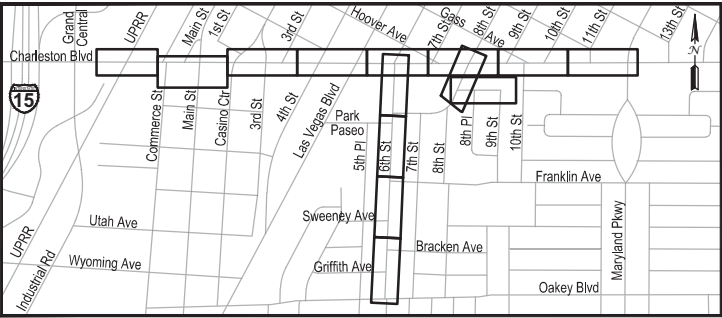
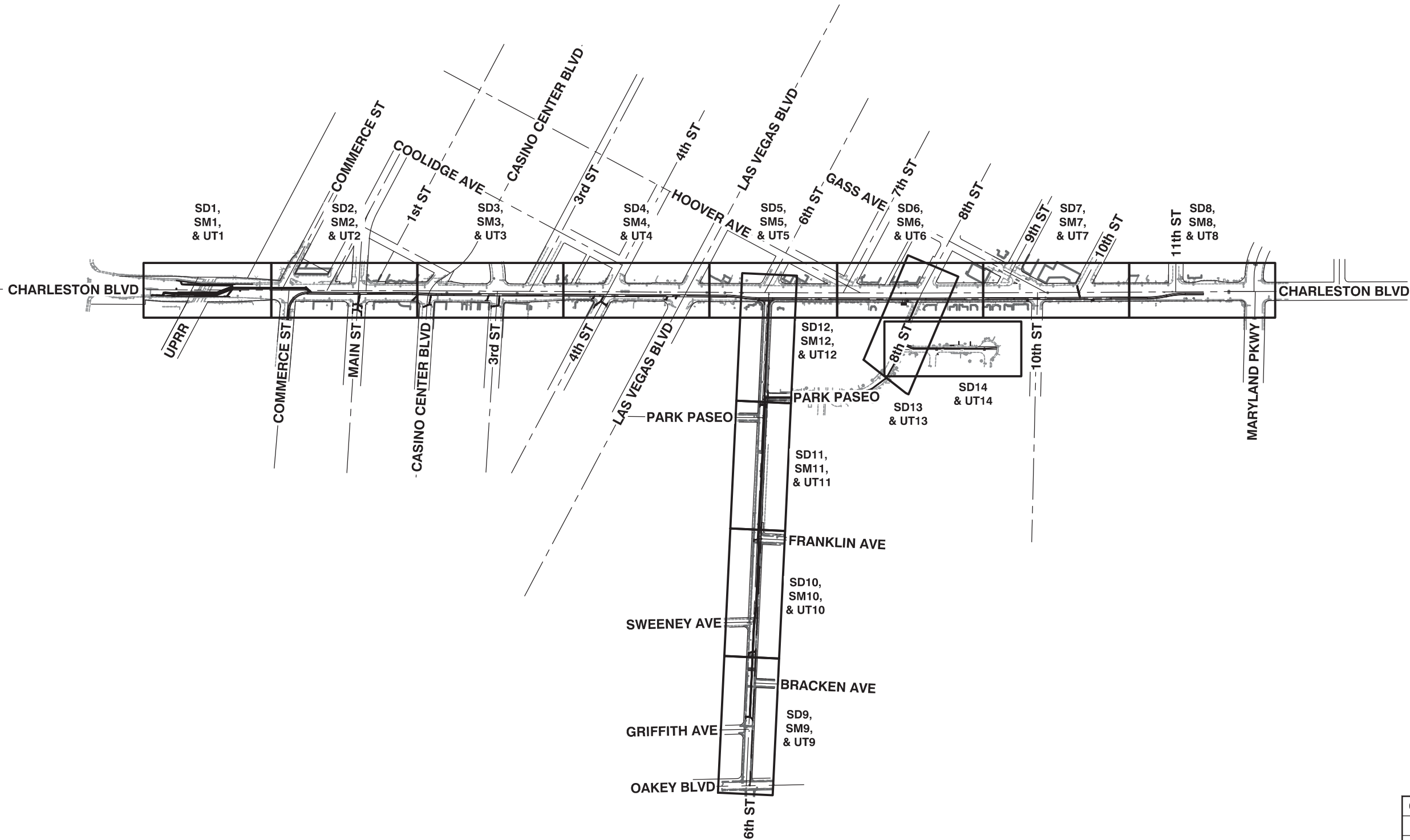
CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LAS VEGAS FIRE AND RESCUE ADOPTED FIRE CODE ORDINANCE #6325 FOR HYDRANT SPECIFICATIONS AND HYDRANT INSTALLATION SPECIFICATIONS.
2. ONLY FIRE HYDRANTS THAT ARE ON THE LAS VEGAS VALLEY WATER DISTRICT'S APPROVED PRODUCTS LIST ARE ALLOWED TO BE INSTALLED.
3. A PERMIT IS REQUIRED FROM LAS VEGAS FIRE AND RESCUE FOR THE INSTALLATION OF ON-SITE WATER LINES AND FIRE HYDRANTS. THE PERMIT AND CONTRACTORS MATERIAL TEST CERTIFICATE FOR UNDERGROUND PIPING FORM SHALL BE OBTAINED FROM THE FIRE PROTECTION ENGINEER BEFORE COMMENCEMENT OF WORK. IFC § 105.7.12
4. ON ANY RESIDENTIAL OR COMMERCIAL INSTALLATIONS, FIRE HYDRANTS SHALL BE INSTALLED AND FIRE APPARATUS ACCESS ROADS SHALL BE MAINTAINED BEFORE COMMENCEMENT OF ANY COMBUSTIBLE CONSTRUCTION. ALL FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER AND SHALL BE CAPABLE OF DELIVERING THE REQUIRED FIRE FLOW. IFC § 3310, § 3312
5. TO IDENTIFY THE FIRE HYDRANT LOCATIONS, THE CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT THE CENTER LINE OF THE STREET ADJACENT TO THE FIRE HYDRANTS. IFC § 507.5.7.3
6. ALL UNDERGROUND INSPECTIONS, PRESSURE AND FLUSH VERIFICATIONS OF ALL FIRE HYDRANTS AND FIRE LINES, SHALL BE CONDUCTED BEFORE COVERING THE LINES. CENTER LOADING IS ACCEPTABLE FOR THE HYDRO TESTS WITH PRIOR FIRE PREVENTION APPROVAL. IFC § 106.3
7. ALL ON-SITE UNDERGROUND WATER MAINS AND MATERIALS SHALL BE U.L. LISTED, A.W.W.A. APPROVED AND SHALL BE RATED FOR THE APPROPRIATE WORKING PRESSURE. IFC § 507.2.1, NFPA 24
8. PAINTING OF CURBS, FIRE HYDRANTS, PADS, PROTECTION OF FIRE HYDRANTS FROM PHYSICAL DAMAGE, AND ALL OTHER WORK NECESSARY PER PLANS SHALL BE COMPLETED BEFORE APPROVAL BY LAS VEGAS FIRE AND RESCUE, FIRE PREVENTION DIVISION. IFC § 507
9. PRIVATE HYDRANTS SHALL BE PAINTED RED. IFC § 507.5.7.1
10. PRIOR TO THE FINAL OCCUPANCY, A FIRE FLOW TEST SHALL BE WITNESSED BY LAS VEGAS FIRE AND RESCUE, FIRE PREVENTION DIVISION TO VERIFY AVAILABILITY OF THE REQUIRED FIRE FLOW. IFC § 507
11. FIRE HYDRANT SPACING SHALL BE AS FOLLOWS: IFC § C102
 - RESIDENTIAL - 500 FT UNSPRINKLERED; 600 FT SPRINKLERED.
 - COMMERCIAL - 300 FT UNSPRINKLERED; 400 FT SPRINKLERED.
12. WHERE THE WATER MAINS ARE EXTENDED ALONG STREETS OR NEW STREETS ARE INSTALLED WHERE FIRE HYDRANTS ARE NOT NEEDED FOR PROTECTION OF THE STRUCTURES, FIRE HYDRANTS SHALL BE INSTALLED AT A MAXIMUM OF 1000 FT SPACING, TO PROVIDE FOR TRANSPORTATION HAZARDS. WHERE STREETS ARE PROVIDED WITH MEDIAN DIVIDERS OR HAVE FOUR (4) OR MORE TRAFFIC LANES AND HAVE A TRAFFIC COUNT OF MORE THAN 30,000 PER DAY, HYDRANTS ARE REQUIRED ON EACH SIDE OF THE STREET SPACED AT 500 FT ON AN ALTERNATING BASIS. IFC § C102.8
13. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN THE RADIUS OF A CUL-DE-SAC OR WITHIN 20 FT OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
14. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN 6 FT OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREETLIGHT OR ANY OTHER OBSTRUCTION. IFC § C102.12
15. A MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A ONE-TWO FAMILY DWELLING SHALL NOT EXCEED 300 FT. AS MEASURED BY AN APPROVED ROUTE. IFC § 102.4
16. THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A FIRE DEPARTMENT CONNECTION (FDC) SHALL NOT EXCEED 100 FT, AS MEASURED BY AN APPROVED ROUTE. IFC § C102.7
17. THE MAXIMUM DISTANCE FROM A HYDRANT TO THE END OF A DEAD-END STREET SHALL NOT EXCEED 200 FT. IFC § C102.6
18. TWO (2) SOURCES OF SUPPLY ARE REQUIRED WHENEVER THERE IS 4 OR MORE FIRE HYDRANTS/SPRINKLER LEAD-INS ARE INSTALLED ON A SINGLE SYSTEM. SECTIONAL CONTROL VALVES SHALL BE INSTALLED SO THAT NO MORE THAN 2 FIRE HYDRANTS CAN BE OUT OF SERVICE DUE TO A BREAK IN A WATER MAIN. IFC § C104
19. ALL FIRE APPARATUS ACCESS ROADS SHALL BE PAVED TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES, AND SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF THE FIRE APPARATUS. IFC § 503.2.3
20. THE GRADIENT FOR THE FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 12%. ANGLES OF APPROACH AND ANGLES OF DEPARTURE SHALL NOT EXCEED 6% FOR 25 FT PRIOR TO OR AFTER THE GRADE CHANGE. ADJACENT TO THE STRUCTURES GRADIENT SHALL NOT EXCEED 6%. IFC § 503.2.7; 503.2.8
21. THE TURNING RADIUS OF THE FIRE APPARATUS ACCESS ROADS SHALL BE NO LESS THAN 52 FT OUTSIDE AND 28 FT INSIDE TURNING RADIUS. IFC § 503.2.4
22. VERTICAL CLEARANCE OF ALL FIRE APPARATUS ACCESS ROADS SHALL NOT BE LESS THAN 13FT 6 IN. IFC § 503.2.1
23. FIRE DEPARTMENT ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF NOT LESS THAN 40 FT FLOW LINE TO FLOW LINE WITH PARALLEL PARKING PERMITTED ON BOTH SIDES. NOT LESS THAN 32 FT WIDE, FLOW LINE TO FLOW LINE, WHERE PARKING IS PERMITTED ONLY ON ONE SIDE OF THE FIRE APPARATUS ACCESS ROAD. NOT LESS THAN 24FT WIDE, FLOW LINE TO FLOW LINE, WHERE NO PARKING IS PERMITTED ON EITHER SIDE. FIRE LANES THROUGH PARKING LOTS SHALL BE NOT LESS THAN 24 FT. IFC § 503.2.1.1
24. A FIRE APPARATUS ACCESS ROAD SHALL BE REQUIRED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY IS LOCATED MORE THAN 150 FT FROM A FIRE DEPARTMENT VEHICLE ACCESS. THIS DISTANCE COULD BE INCREASED TO 250 FT IF THE BUILDING IS SPRINKLERED. IFC § 503.1.1
25. APPROVED SECONDARY FIRE APPARATUS ACCESS SHALL BE PROVIDED FOR 100 OR MORE DWELLING UNITS. ROAD(S) WITH DEAD-ENDS OR WITH A SINGLE POINT OF ACCESS IN EXCESS OF 800 FT. COMMERCIAL AND INDUSTRIAL DEVELOPMENTS WHERE BUILDINGS EXCEED 2 STORIES OR 30 FEET IN HEIGHT, OR EXCEEDING 62,000 SQUARE FEET IN AREA. IFC § 503.1.2
26. ALL DEAD-END FIRE APPARATUS ROADS AND/OR FIRE LANES, PUBLIC OR PRIVATE, IN EXCESS OF 150 FT IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURN AROUND HAVING A MINIMUM DIAMETER OF 81 FT. IFC § 503.2.5
27. ALL FIRE APPARATUS ACCESS ROADS SHALL BE MARKED BY PLACING APPROVED SIGNS AT THE START OF THE DESIGNATED FIRE LANE, ONE SIGN AT THE END OF THE FIRE LANE AND WITH SIGNS AT INTERVALS OF 100 FT ALONG THE DESIGNATED FIRE LANES. SIGNS TO BE PLACED ON BOTH SIDES OF AN ACCESS ROADWAY IF NEEDED TO PREVENT PARKING ON EITHER SIDE. SIGNS TO BE INSTALLED NO HIGHER THAN 10 FT OR LESS THAN 6 FT FROM THE ROADWAY LEVEL. THE CURB ALONG OR ON THE PAVEMENT OR CEMENT (IF NO CURB IS PROVIDED) SHALL BE PAINTED WITH A RED WEATHER RESISTANT PAINT IN ADDITION TO THE SIGNS. IFC § 503.3
28. ELECTRICALLY CONTROLLED ACCESS GATES SHALL BE PROVIDED WITH AN APPROVED EMERGENCY VEHICLE DETECTOR/RECEIVER SYSTEM. SAID SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE IFC § 503.6 AND IFC APPENDIX M.

REVISÉ MARCH 1, 2016

SHEET	GN2 OF	DRAWING NO. 107v7368	30% SUBMITTAL NOT FOR CONSTRUCTION	TITLE FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND	SHEET CITY OF LAS VEGAS NOTES	PREPARED FOR		CITY OF LAS VEGAS		PREPARED BY:	JACOBS		5
						H# 72212	BID#	DATE: March 19, 2019	DESIGNED BY:	2485 VILLAGE VIEW DRIVE, SUITE 350 HENDERSON, NEVADA 89074 PHONE: 702-389-6175 FAX: 702-369-1107	4		
						SUBMITTAL STAGE:	DRAWN BY:	1					
						30% SUBMITTAL	CHECKED BY:	NO.	DATE	REVISIONS			

708736-KM1.dwg



CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

5

4

3

2

1

NO.

DATE

REVISIONS

PREPARED BY:

JACOBS

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

PREPARED FOR

CITY OF LAS VEGAS

H# 72212

DATE: March 19, 2019

SUBMITTAL STAGE:

30% SUBMITTAL

TITLE

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET

PROJECT KEY MAP

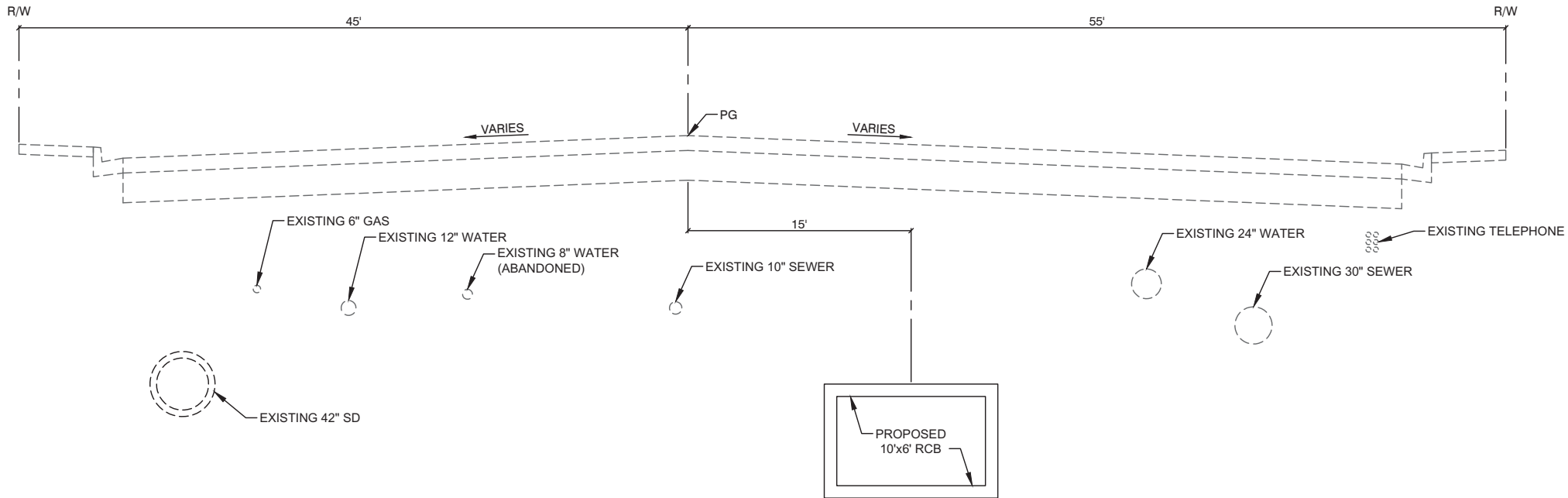
30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET

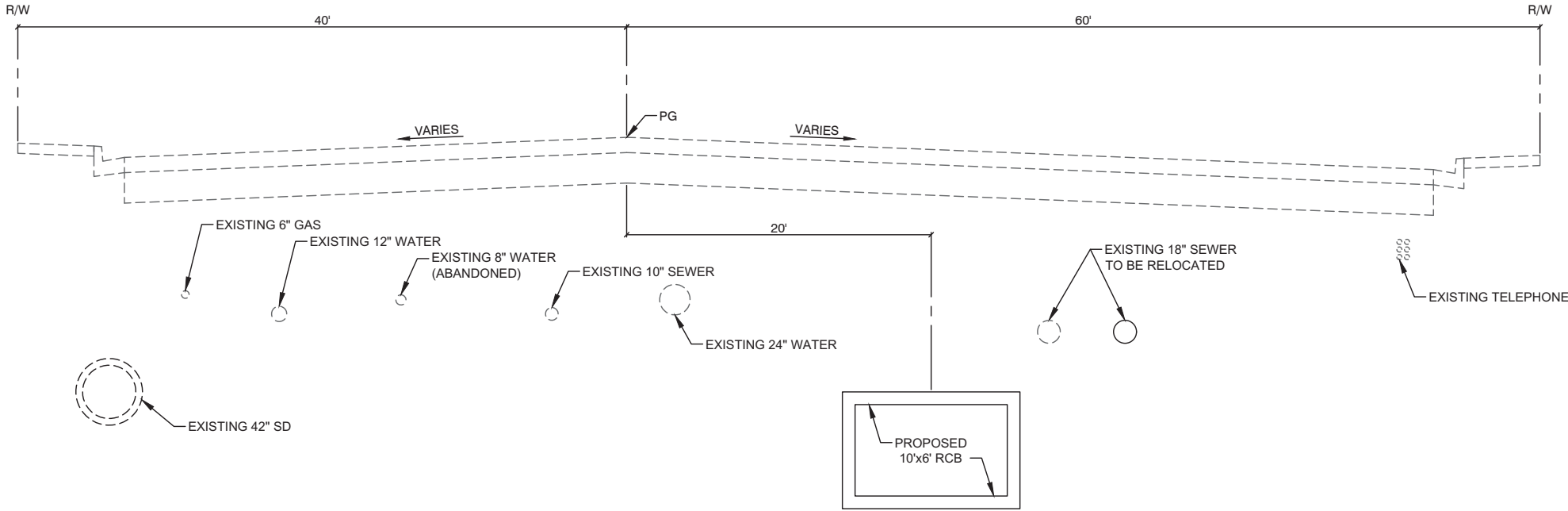
KM1

OF

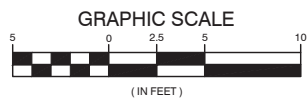
DRAWING NO.
107v7368



CHARLESTON BOULEVARD
NTS
COMMERCE STREET TO CASINO CENTER BOULEVARD



CHARLESTON BOULEVARD
NTS
CASINO CENTER BOULEVARD TO 4th STREET



CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED BY:

JACOBS

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

PREPARED FOR

CITY OF LAS VEGAS

H# 72212

DESIGNED BY:

DATE: March 19, 2019

DESIGNED BY:

DATE: March 19, 2019

DRAWN BY:

CHECKED BY:

30% SUBMITTAL

TITLE

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET

TYPICAL SECTIONS

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET

TY2

OF

DRAWING NO.

107v7368

NO.

DATE

REVISIONS

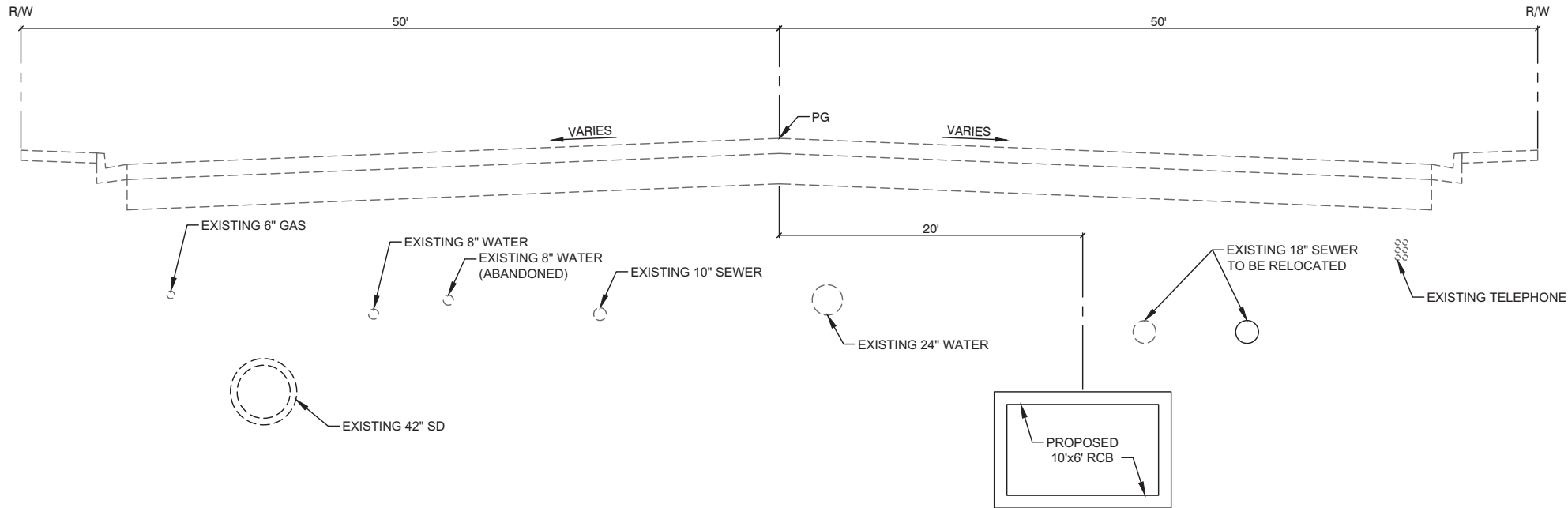
5

4

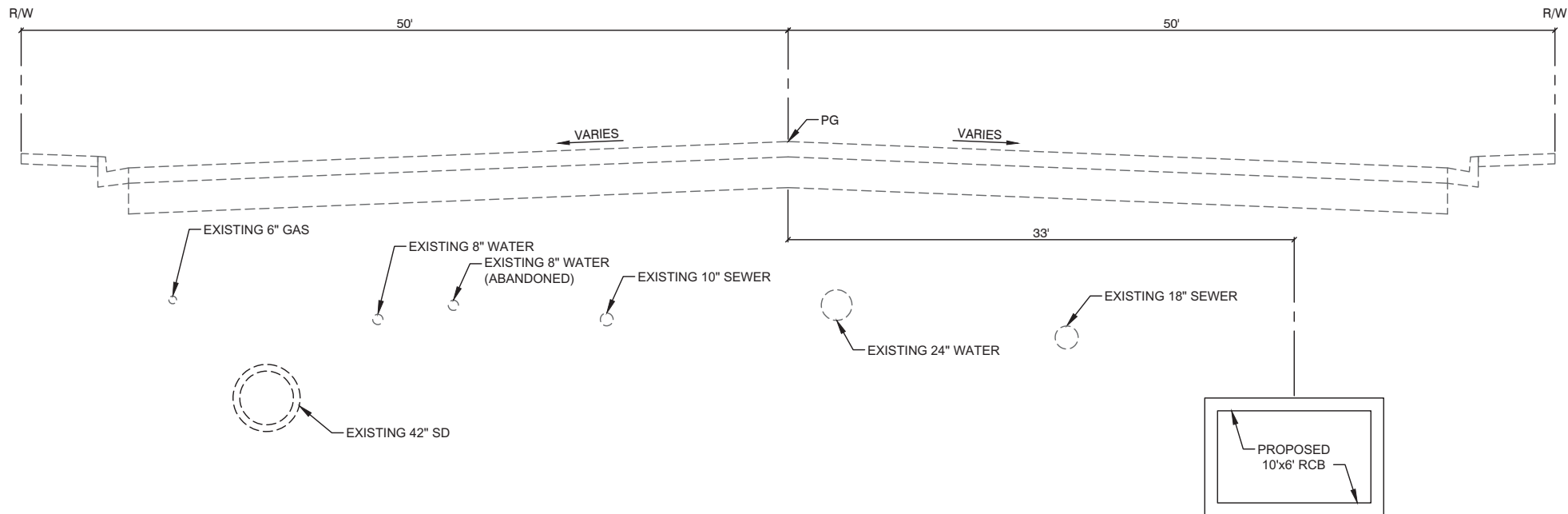
3

2

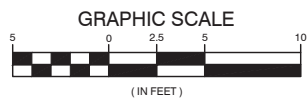
1



CHARLESTON BOULEVARD
NTS
4th STREET TO LAS VEGAS BOULEVARD



CHARLESTON BOULEVARD
NTS
LAS VEGAS BOULEVARD TO 7th STREET



CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED BY:

JACOBS

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

PREPARED FOR

CITY OF LAS VEGAS

H# 72212

DESIGNED BY:

DATE: March 19, 2019

DESIGNED BY:

DATE: March 19, 2019

DRAWN BY:

CHECKED BY:

30% SUBMITTAL

TITLE

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET

TYPICAL SECTIONS

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET

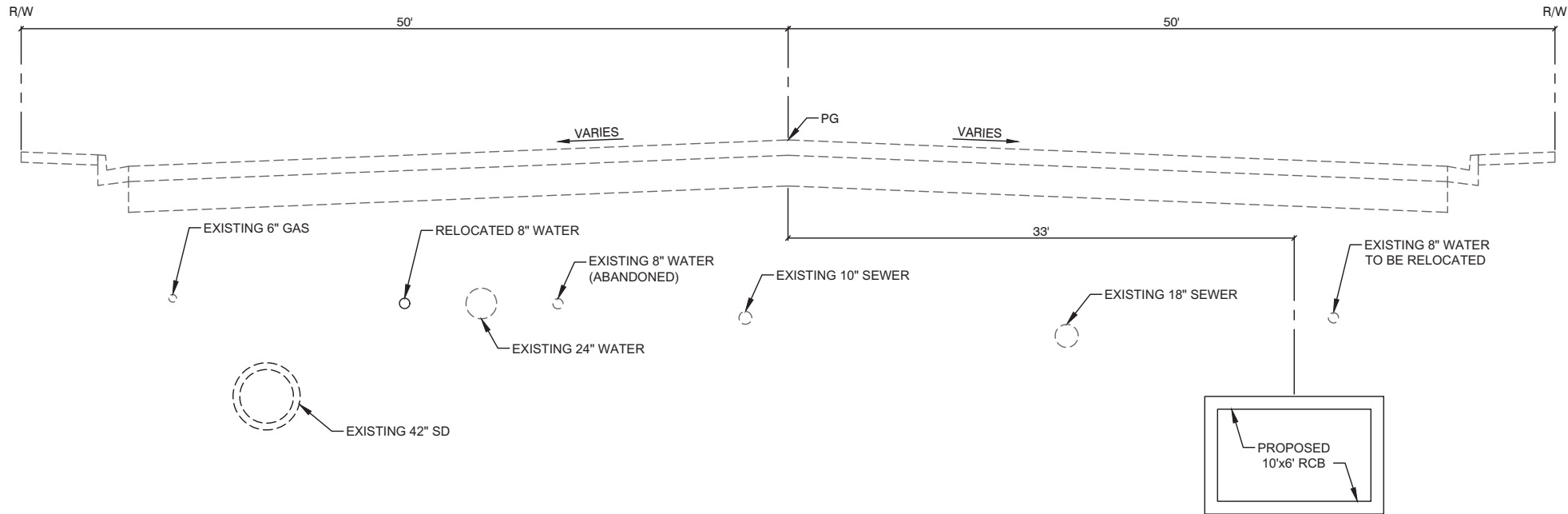
TY3

OF

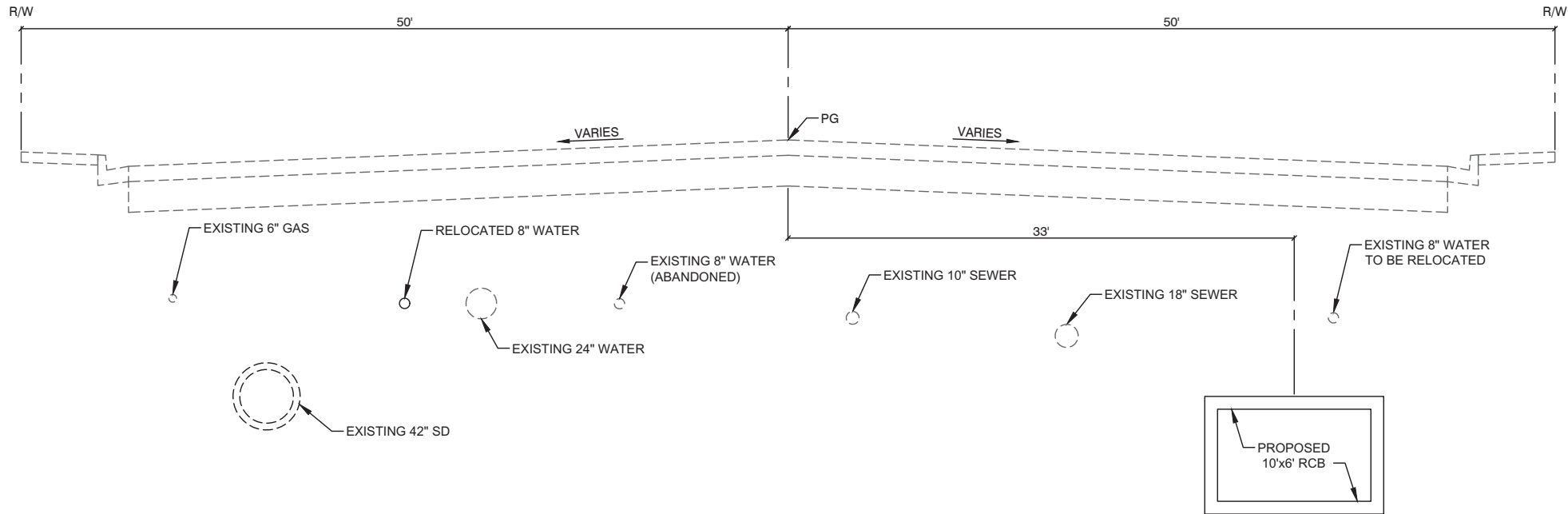
DRAWING NO.

107v7368

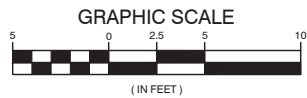
5	4	3	2	1	NO.	DATE
REVISIONS						



CHARLESTON BOULEVARD
NTS
7th STREET TO GASS AVENUE



CHARLESTON BOULEVARD
NTS
GASS AVENUE TO MARYLAND PARKWAY



CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED BY:

JACOBS

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

PREPARED FOR

CITY OF LAS VEGAS

H# 72212

DESIGNED BY:

DATE: March 19, 2019

DRAWN BY:

CHECKED BY:

BID#

DESIGNED BY:

DRAWN BY:

CHECKED BY:

SUBMITTAL STAGE:

30% SUBMITTAL

TITLE

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET

TYPICAL SECTIONS

**30% SUBMITTAL
NOT FOR
CONSTRUCTION**

SHEET

TY4

OF

DRAWING NO.

107v7368

NO.

DATE

REVISIONS

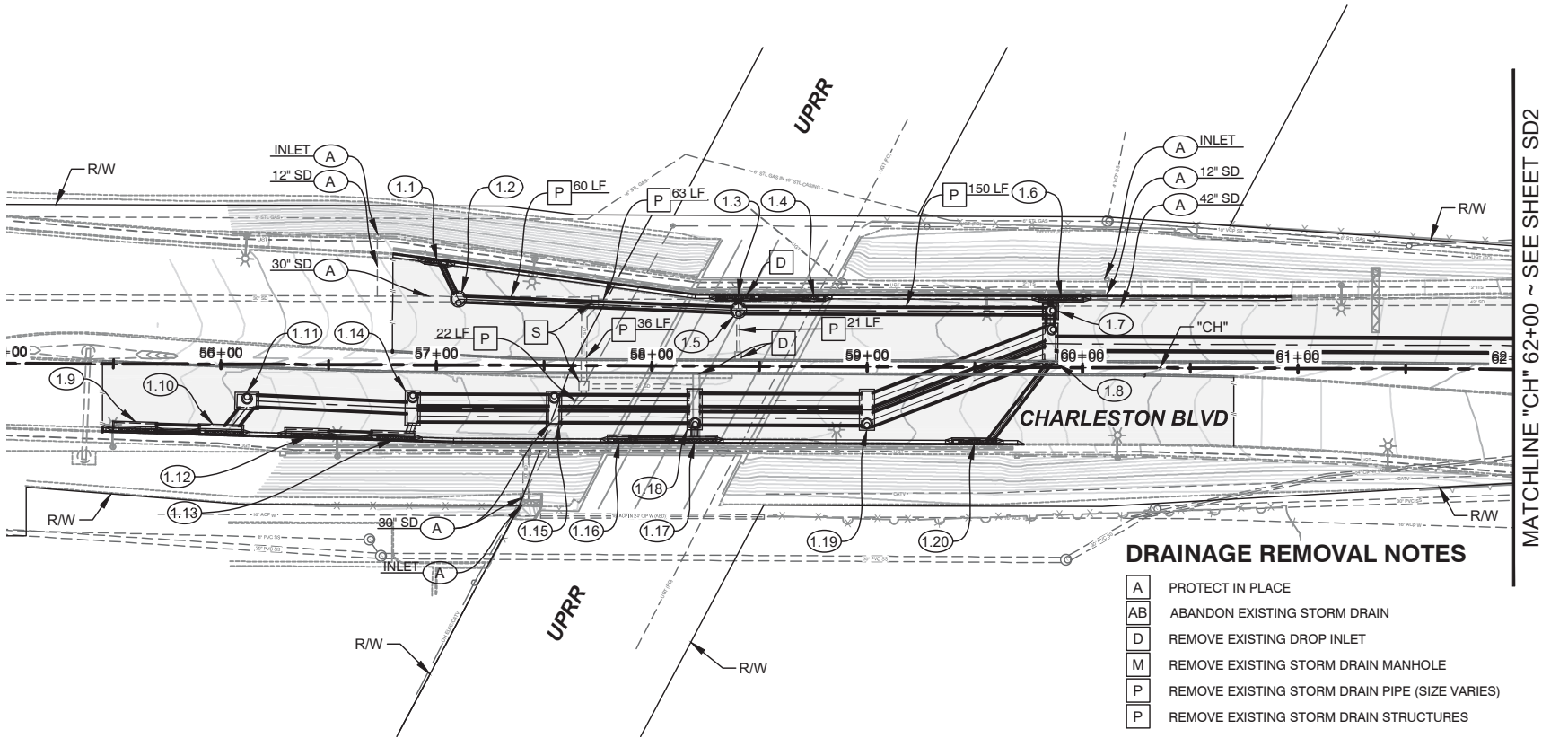
5

4

3

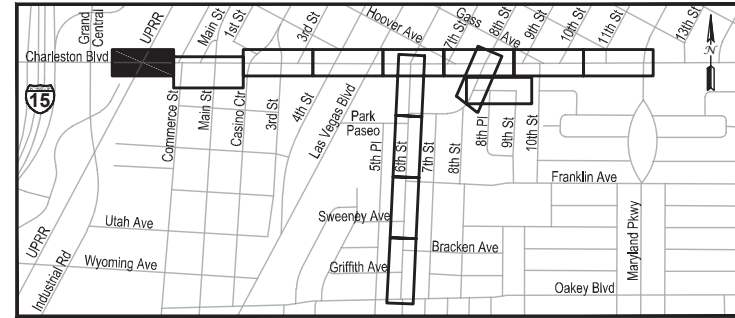
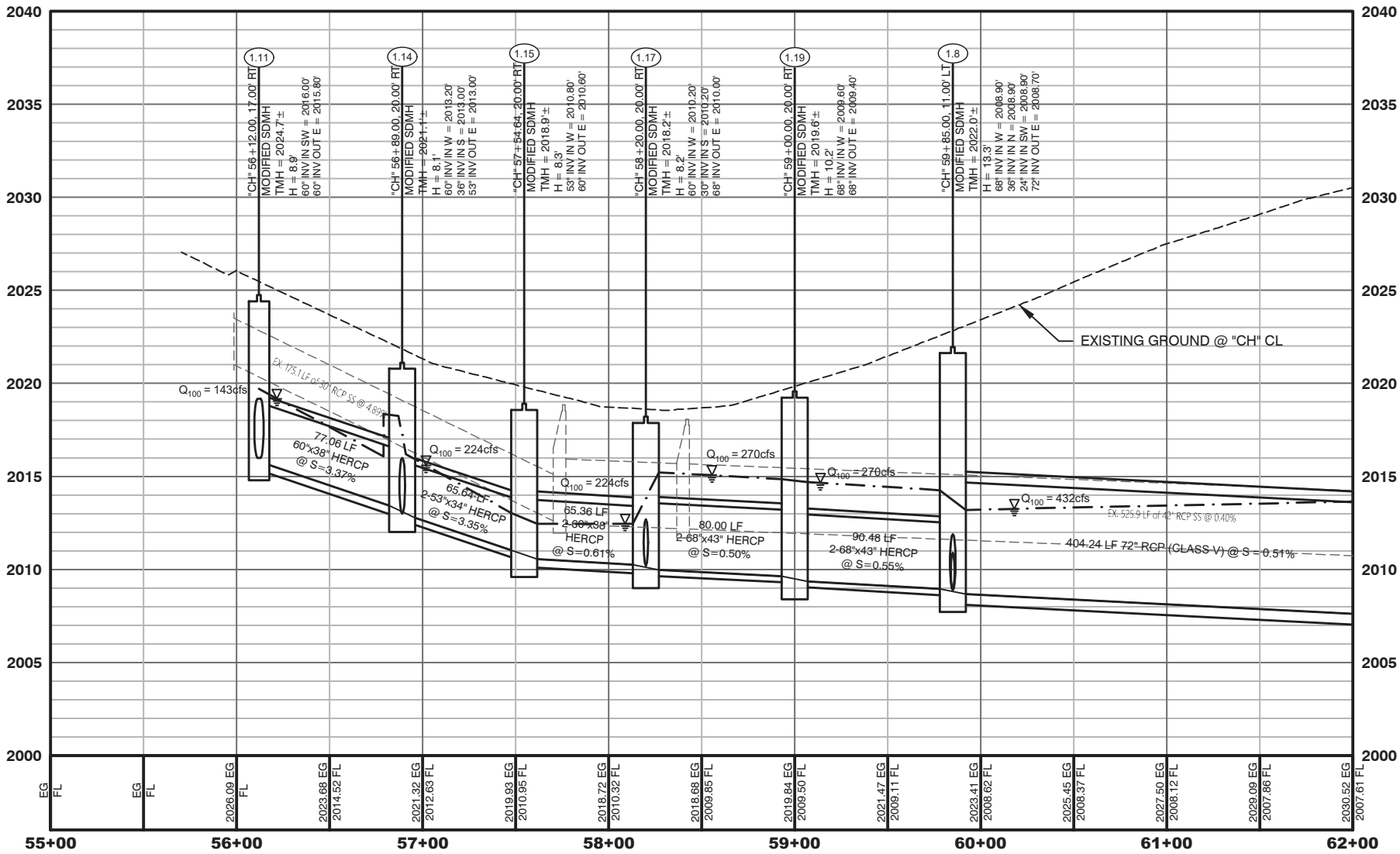
2

1



DRAINAGE REMOVAL NOTES

- A PROTECT IN PLACE
- AB ABANDON EXISTING STORM DRAIN
- D REMOVE EXISTING DROP INLET
- M REMOVE EXISTING STORM DRAIN MANHOLE
- P REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES)
- P REMOVE EXISTING STORM DRAIN STRUCTURES



LEGEND

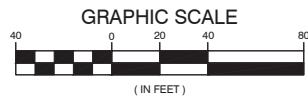
AREA OF PAVEMENT REPLACEMENT

DRAINAGE CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 1.1 "CH" 57+00.00, 49.20' LT
CONSTRUCT 20" TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 17.89 L.F. 18" RCP
- 1.2 "CH" 57+10.00, 30.63' LT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1 - INSTALL 130.09 L.F. 30" RCP
- 1.3 "CH" 58+40.00, 33.50' LT
CONSTRUCT 20" TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 4.92 L.F. 24" RCP
- 1.4 "CH" 58+75.00, 33.50' LT
CONSTRUCT 10' TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 20.50 L.F. 18" RCP
- 1.5 "CH" 58+40.00, 26.00' LT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1 - INSTALL 145.00 L.F. 45"x29" HERCP
- 1.6 "CH" 59+90.00, 33.50' LT
CONSTRUCT 10' TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 1.98 L.F. 18" RCP
- 1.7 "CH" 58+85.00, 26.00' LT
CONSTRUCT TYPE 4 MANHOLE PER NDOT STD. DWG. No. R-4.3.2 - INSTALL 4.31 L.F. 36" RCP
- 1.8 "CH" 59+85.00, 11.00' LT
CONSTRUCT MODIFIED MANHOLE PER DETAILS ON SHEET D-XX - INSTALL 404.24 L.F. 72" RCP (CLASS V)
- 1.9 "CH" 55+60.00, 32.02' RT
CONSTRUCT 20" TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 20.51 L.F. 30" RCP
- 1.10 "CH" 55+00.00, 33.10' RT
CONSTRUCT 20" TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 11.15 L.F. 60"x38" HERCP
- 1.11 "CH" 56+12.00, 17.00' RT
CONSTRUCT MODIFIED MANHOLE PER DETAILS ON SHEET D-XX - INSTALL 77.06 L.F. 60"x38" HERCP
- 1.12 "CH" 56+40.00, 34.17' RT
CONSTRUCT 20" TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 20.51 L.F. 30" RCP
- 1.13 "CH" 56+80.00, 35.25' RT
CONSTRUCT 20" TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 4.78 L.F. 36" RCP
- 1.14 "CH" 56+89.00, 20.00' RT
CONSTRUCT MODIFIED MANHOLE PER DETAILS ON SHEET D-XX - INSTALL 79.54 L.F. 2-53"x34" HERCP'S
- 1.15 "CH" 57+68.54, 20.00' RT
CONSTRUCT MODIFIED MANHOLE PER DETAILS ON SHEET D-XX - INSTALL 51.46 L.F. 2-60"x38" HERCP'S CONNECT TO EXISTING 30" STORM DRAIN
- 1.16 "CH" 57+85.00, 36.00' RT
CONSTRUCT 10' TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 20.51 L.F. 24" RCP
- 1.17 "CH" 58+20.00, 36.00' RT
CONSTRUCT 20" TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 4.21 L.F. 30" RCP
- 1.18 "CH" 58+20.00, 20.00' RT
CONSTRUCT MODIFIED MANHOLE PER DETAILS ON SHEET D-XX - INSTALL 80.00 L.F. 2-68"x43" HERCP'S
- 1.19 "CH" 59+00.00, 20.00' RT
CONSTRUCT MODIFIED MANHOLE PER DETAILS ON SHEET D-XX - INSTALL 90.48 L.F. 2-68"x43" HERCP'S
- 1.20 "CH" 59+50.00, 36.00' RT
CONSTRUCT 20" TYPE "CM" INLET PER USGCCA STD. DWG. No. 422 - INSTALL 45.57 L.F. 24" RCP

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR "PUBLIC WORKS" CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY: JACOBS

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

CITY OF LAS VEGAS

H# 72212

DATE: April 2, 2019

SUBMITTAL STAGE: 30% SUBMITTAL

FLAMINGO BOULDER HIGHWAY NORTH

CHARLESTON - MAIN TO MARYLAND

STORM DRAIN PLAN & PROFILE

"CH" 55+00 TO "CH" 62+00

30% SUBMITTAL

NOT FOR CONSTRUCTION

SHEET

SD1

OF

DRAWING NO. 107v7368

NO. DATE

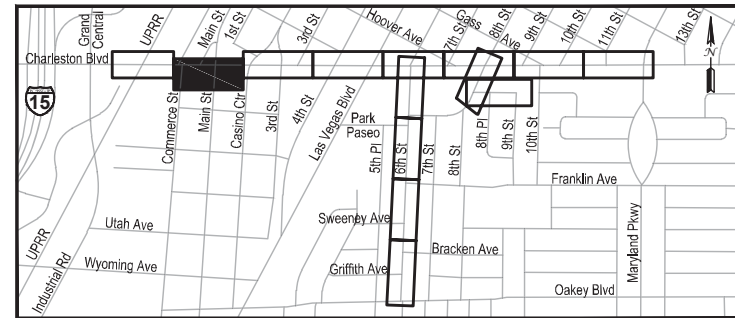
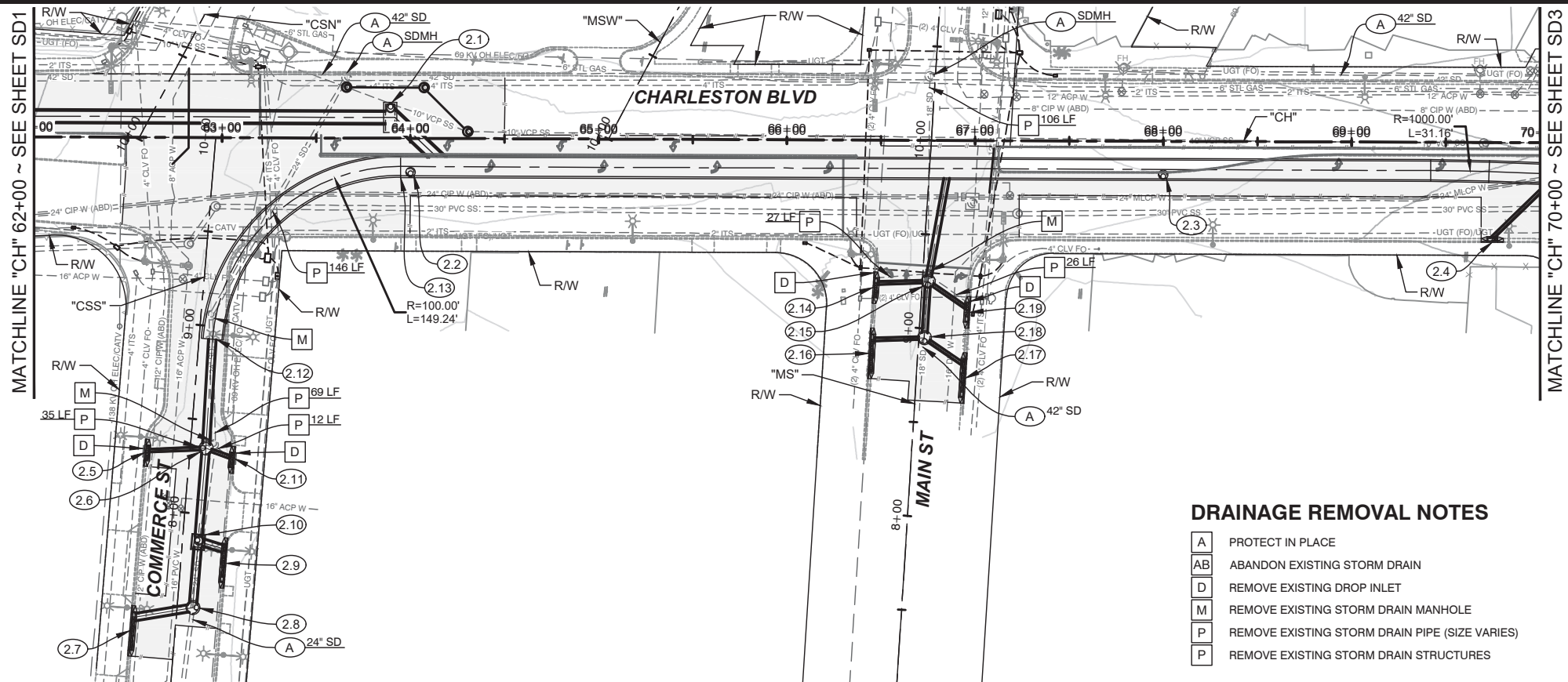
1

2

3

4

5



LEGEND

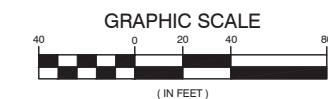
AREA OF PAVEMENT REPLACEMENT

DRAINAGE CONSTRUCTION NOTES

- (A) PROTECT IN PLACE
- (2.1) "CH" 63+89.24, 11.00' LT
CONSTRUCT MODIFIED MANHOLE PER DETAILS ON SHEET D-XX
INSTALL 30.78 L.F. 72" RCP (CLASS V)
- (2.2) "CH" 64+00.00, 18.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- (2.3) "CH" 68+00.00, 18.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- (2.4) "CH" 69+75.00, 53.00' RT
CONSTRUCT 5' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422
INSTALL 41.87 L.F. 18" RCP & CONNECT TO RCB
- (2.5) "CCS" 8+30.00, 24.00' LT
CONSTRUCT 7.5' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422 - INSTALL 30.25 L.F. 18" RCP
- (2.6) "CCS" 8+35.00, 8.35' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 58.06 L.F. 42" RCP & CONNECT TO RCB
- (2.7) "CCS" 7+35.00, 24.00' LT
CONSTRUCT 20' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422
INSTALL 30.94 L.F. 42" RCP & CONNECT TO EXISTING 18" STORM DRAIN
- (2.8) "CCS" 7+50.00, 8.35' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1 - INSTALL 85.00 L.F. 42" RCP
- (2.9) "CCS" 7+75.00, 24.00' RT
CONSTRUCT 20' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422 - INSTALL 11.38 L.F. 42" RCP
- (2.10) "CCS" 7+85.00, 8.35' RT
CONSTRUCT TYPE 4 MANHOLE PER NDOT STD. DWG. No. R-4.3.2 - INSTALL 49.67 L.F. 42" RCP
- (2.11) "CCS" 8+30.00, 24.00' RT
CONSTRUCT 7.5' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422 - INSTALL 13.84 L.F. 42" RCP
- (2.12) "CCS" 8+93.05, 7.00' RT
BEGIN 10'x6' RCB - INSTALL PRECAST RCB PLUG - INSTALL 149.24 L.F. 10'x6' RCB
- (2.13) "CH" 63+94.84, 15.00' RT TO "CH" 70+00.00, 16.32' RT
INSTALL 605.15 L.F. 10'x6' RCB
- (2.14) "MS" 9+20.00, 25.93' LT
CONSTRUCT 10' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422 - INSTALL 26.72 L.F. 18" RCP
- (2.15) "MS" 9+25.00, 3.00' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 55.90 L.F. 30" RCP & CONNECT TO RCB
- (2.16) "MS" 8+85.00, 25.93' LT
CONSTRUCT 20' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422 - INSTALL 26.77 L.F. 18" RCP
- (2.17) "MS" 8+75.00, 26.12' LT
CONSTRUCT 20' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422 - INSTALL 24.27 L.F. 18" RCP
- (2.18) "MS" 8+95.00, 3.00' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 30.00 L.F. 30" RCP & CONNECT TO EXISTING 18" STORM DRAIN
- (2.19) "MS" 9+10.00, 26.25' RT
CONSTRUCT 10' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422 - INSTALL 24.38 L.F. 18" RCP

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR "PUBLIC WORKS" CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
BEFORE YOU OVERHEAD	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY: **JACOBS**

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

PREPARED FOR: **CITY OF LAS VEGAS**

BID# 72212

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

DATE: April 2, 2019

SUBMITTAL STAGE: 30% SUBMITTAL

TITLE: **FLAMINGO BOULDER HIGHWAY NORTH**

SHEET: **CHARLESTON - MAIN TO MARYLAND**

STORM DRAIN PLAN & PROFILE

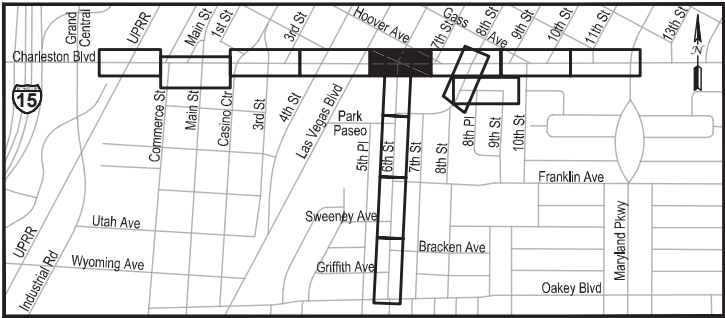
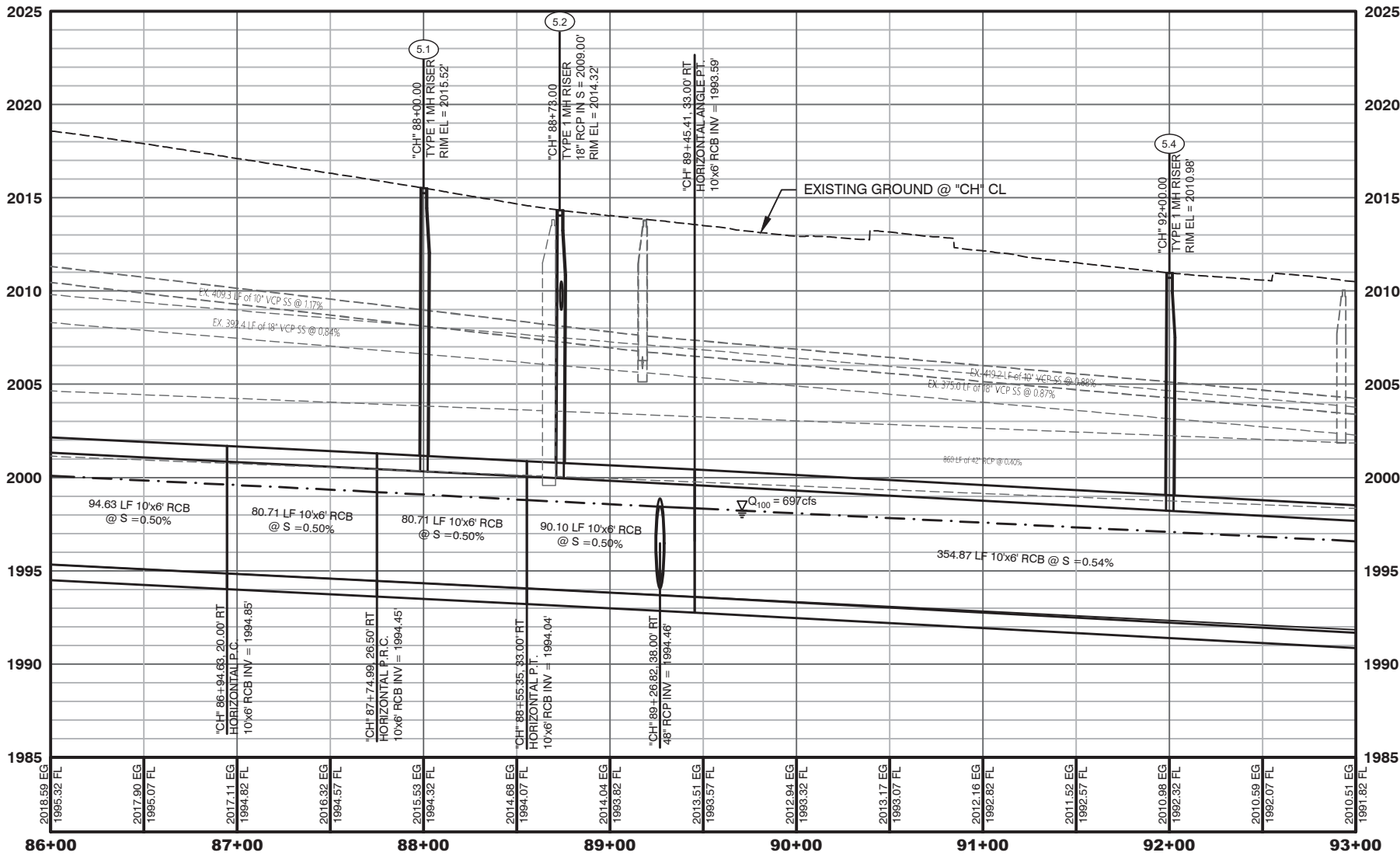
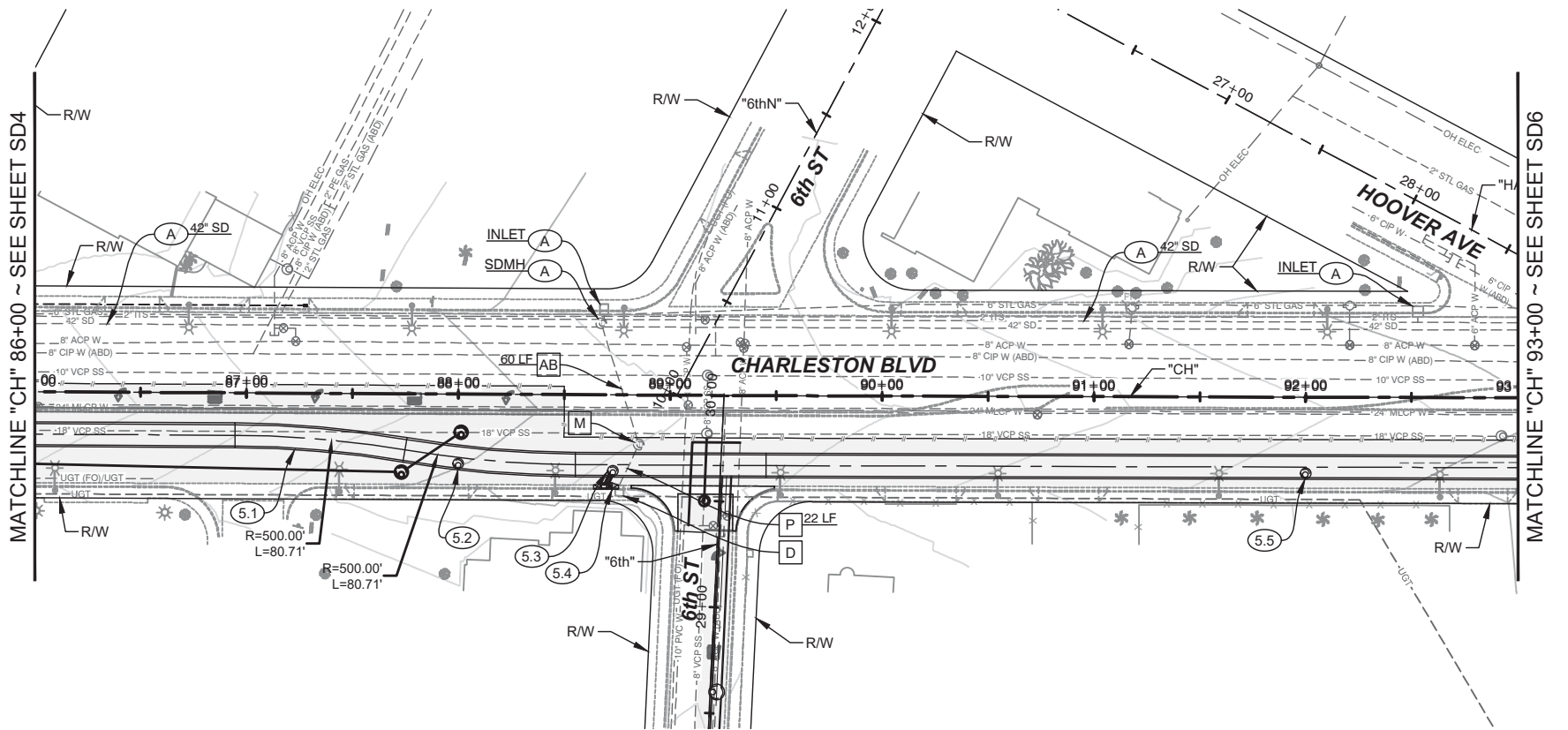
"CH" 62+00 TO "CH" 70+00

30% SUBMITTAL NOT FOR CONSTRUCTION

SHEET: **SD2**

OF

DRAWING NO. **107v7368**



LEGEND

AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

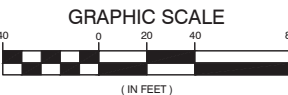
- A PROTECT IN PLACE
- AB ABANDON EXISTING STORM DRAIN
- D REMOVE EXISTING DROP INLET
- M REMOVE EXISTING STORM DRAIN MANHOLE
- P REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES)
- P REMOVE EXISTING STORM DRAIN STRUCTURES

DRAINAGE CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 5.1 "CH" 86+00.00, 20.00' RT TO "CH" 93+00.00, 33.00' RT
INSTALL 700.00 L.F. 10x6' RCB
- 5.2 "CH" 88+00.00, 23.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- 5.3 "CH" 88+73.00, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- 5.4 "CH" 88+70.00, 44.60' RT
CONSTRUCT 5" TYPE "CM" INLET PER USDOCA STD. DWG. No. 422
INSTALL 4.97 L.F. 18" RCP & CONNECT TO MANHOLE RISER
- 5.5 "CH" 92+00.00, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
BEFORE YOU OVERHEAD	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR:
CITY OF LAS VEGAS
H# 72212
DESIGNED BY: B. MAHAN
DATE: April 2, 2019
DRAWN BY: G. SHEARER
SUBMITTAL STAGE:
30% SUBMITTAL

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

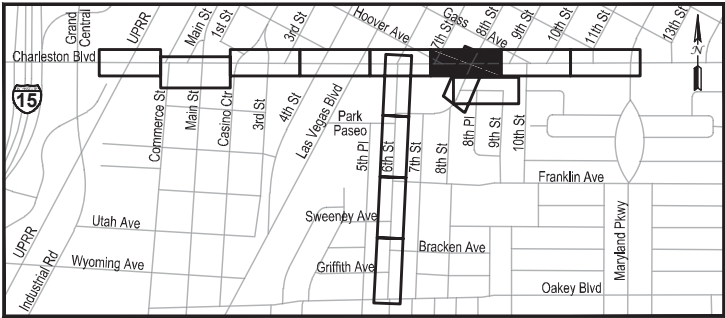
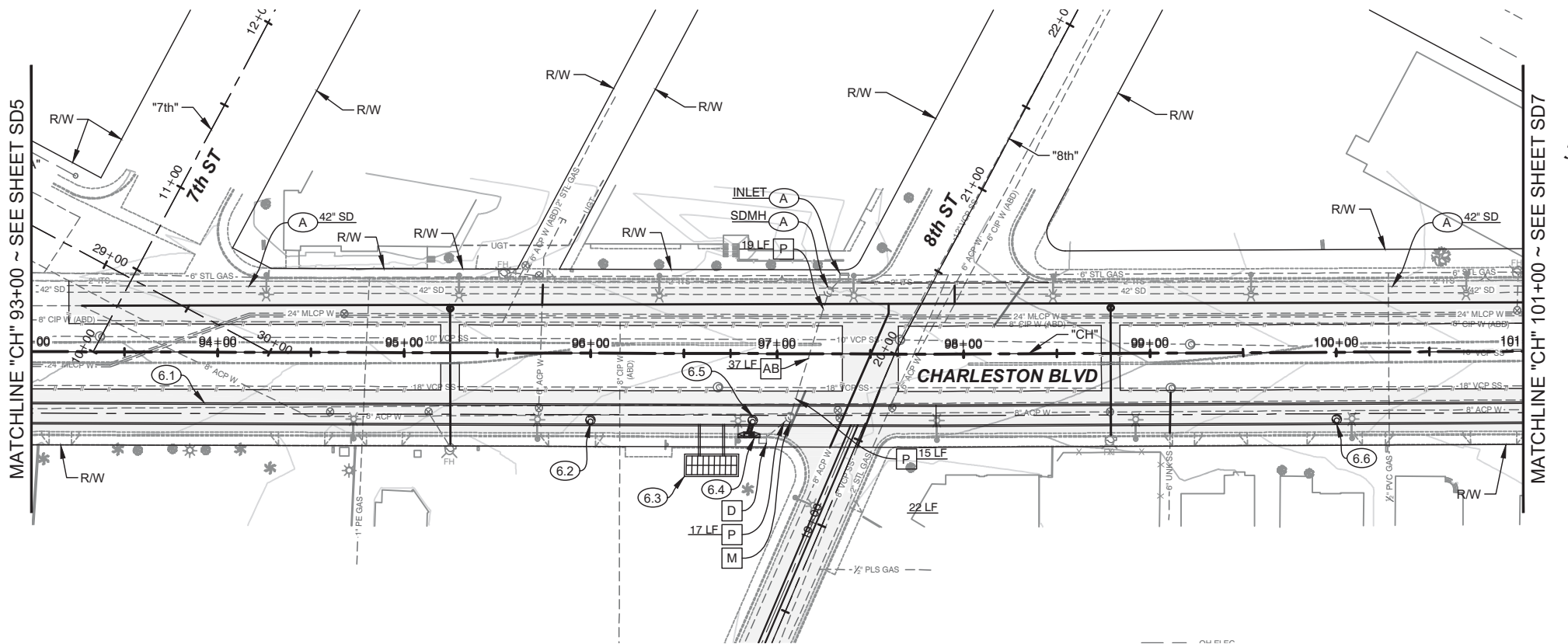
SHEET
**STORM DRAIN PLAN & PROFILE
"CH" 86+00 TO "CH" 93+00**

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET
SD5
OF
DRAWING NO.
107v7368

NO. DATE
1
2
3
4
5

REVISIONS



LEGEND

AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

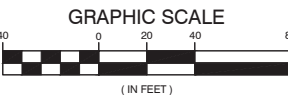
- A PROTECT IN PLACE
- AB ABANDON EXISTING STORM DRAIN
- D REMOVE EXISTING DROP INLET
- M REMOVE EXISTING STORM DRAIN MANHOLE
- P REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES)
- P REMOVE EXISTING STORM DRAIN STRUCTURES

DRAINAGE CONSTRUCTION NOTES

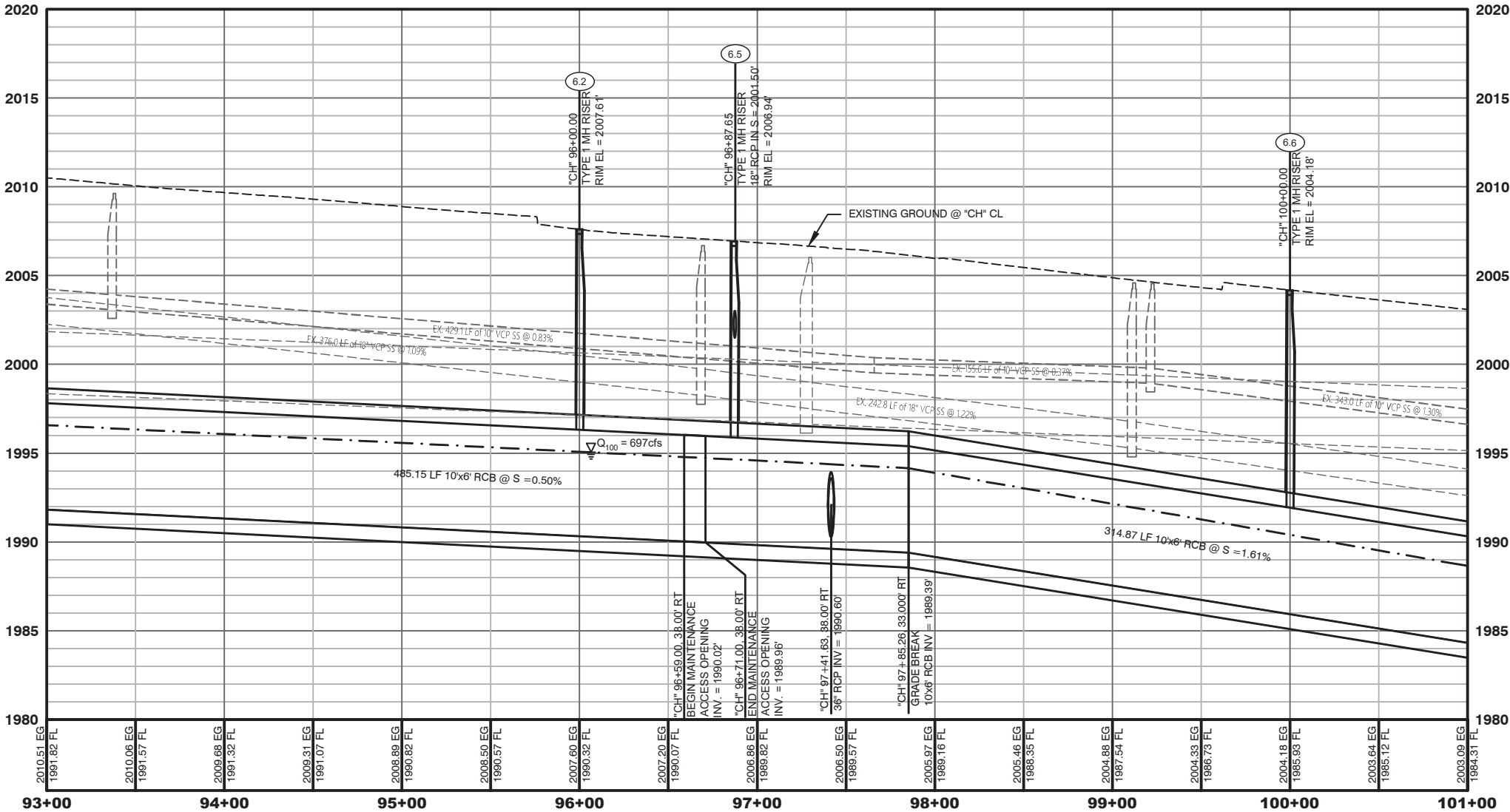
- A PROTECT IN PLACE
- 6.1 "CH" 93+00.00, 33.00' RT TO "CH" 101+00.00, 33.00' RT
INSTALL 800.00 L.F. 10"x6" RCB
- 6.2 "CH" 96+00.00, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- 6.3 "CH" 88+73.00, 36.00' RT
CONSTRUCT MAINTENANCE ACCESS OPENING
INSTALL 17.00 L.F. 12"x6" RCB & CONNECT TO RCB
- 6.4 "CH" 96+85.00, 45.10' RT
CONSTRUCT 5' TYPE "CM" INLET PER USDOCA STD. DWG. No. 422
INSTALL 5.02 L.F. 18" RCP & CONNECT TO MANHOLE RISER
- 6.5 "CH" 96+87.65, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- 6.6 "CH" 100+00.00, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929



5

4

3

2

1

NO.

DATE

REVISIONS

PREPARED BY:

JACOBS

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

PREPARED FOR

CITY OF LAS VEGAS

BID#

H# 72212

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

DATE: April 2, 2019

SUBMITTAL STAGE:

30% SUBMITTAL

TITLE

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET

**STORM DRAIN PLAN & PROFILE
"CH" 93+00 TO "CH" 101+00**

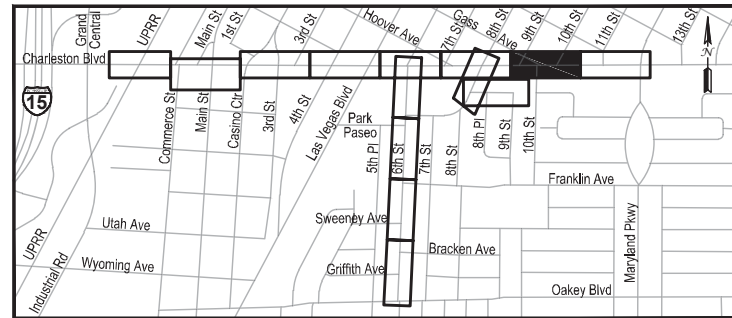
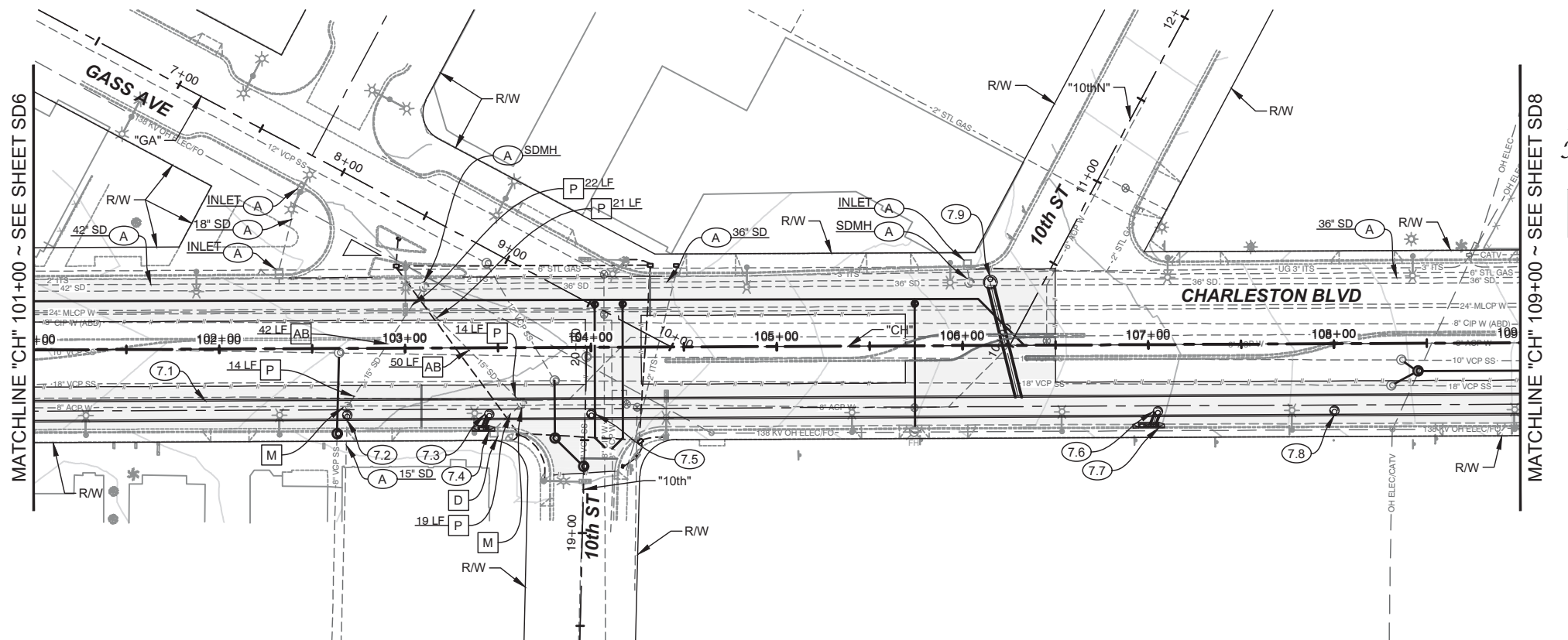
30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET

SD6

OF

DRAWING NO.
107v7368



LEGEND

AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

- | | |
|----|--|
| A | PROTECT IN PLACE |
| AB | ABANDON EXISTING STORM DRAIN |
| D | REMOVE EXISTING DROP INLET |
| M | REMOVE EXISTING STORM DRAIN MANHOLE |
| P | REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES) |
| P | REMOVE EXISTING STORM DRAIN STRUCTURES |

DRAINAGE CONSTRUCTION NOTES

- (A) PROTECT IN PLACE
- (7.1) "CH" 101+00.00, 33.00' RT TO "CH" 109+00.00, 33.00' RT
INSTALL 800.00 L.F. 10"x6" RCB
- (7.2) "CH" 102+68.60, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
CONNECT TO EXISTING 15" STORM DRAIN PIPE
- (7.3) "CH" 103+45.00, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- (7.4) "CH" 103+42.00, 45.00' RT
CONSTRUCT 5' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422
INSTALL 5.27 L.F. 18" RCP & CONNECT TO MANHOLE RISER
- (7.5) "CH" 104+00.00, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- (7.6) "CH" 107+05.00, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- (7.7) "CH" 107+00.00, 45.00' RT
CONSTRUCT 10' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422
INSTALL 5.01 L.F. 30" RCP & CONNECT TO MANHOLE RISER
- (7.8) "CH" 108+00.00, 36.00' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- (7.9) "CH" 106+15.00, 33.90' LT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 63.69 L.F. 36" RCP & CONNECT TO RCB

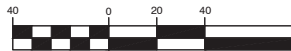
NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services
Project No. _____ First Approved Date _____

GRAPHIC SCALE



(IN FEET)

CALL BEFORE CONSTRUCTION

BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
	F.A.S.T.	702-432-5300
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

TITLE SHEET

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

**STORM DRAIN PLAN & PROFILE
"CH" 101+00 TO "CH" 109+00**

**30% SUBMITTAL
NOT FOR
CONSTRUCTION**

SHEET

SD7

OF
DRAWING NO.
107v7368

PREPARED BY:

JACOBS

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

PREPARED FOR
CITY OF LAS VEGAS

BID#
H# 72212

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

DATE: April 2, 2019

SUBMITTAL STAGE:

30% SUBMITTAL

NO. DATE

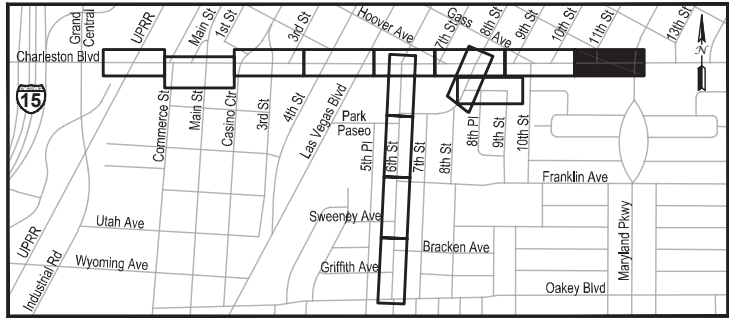
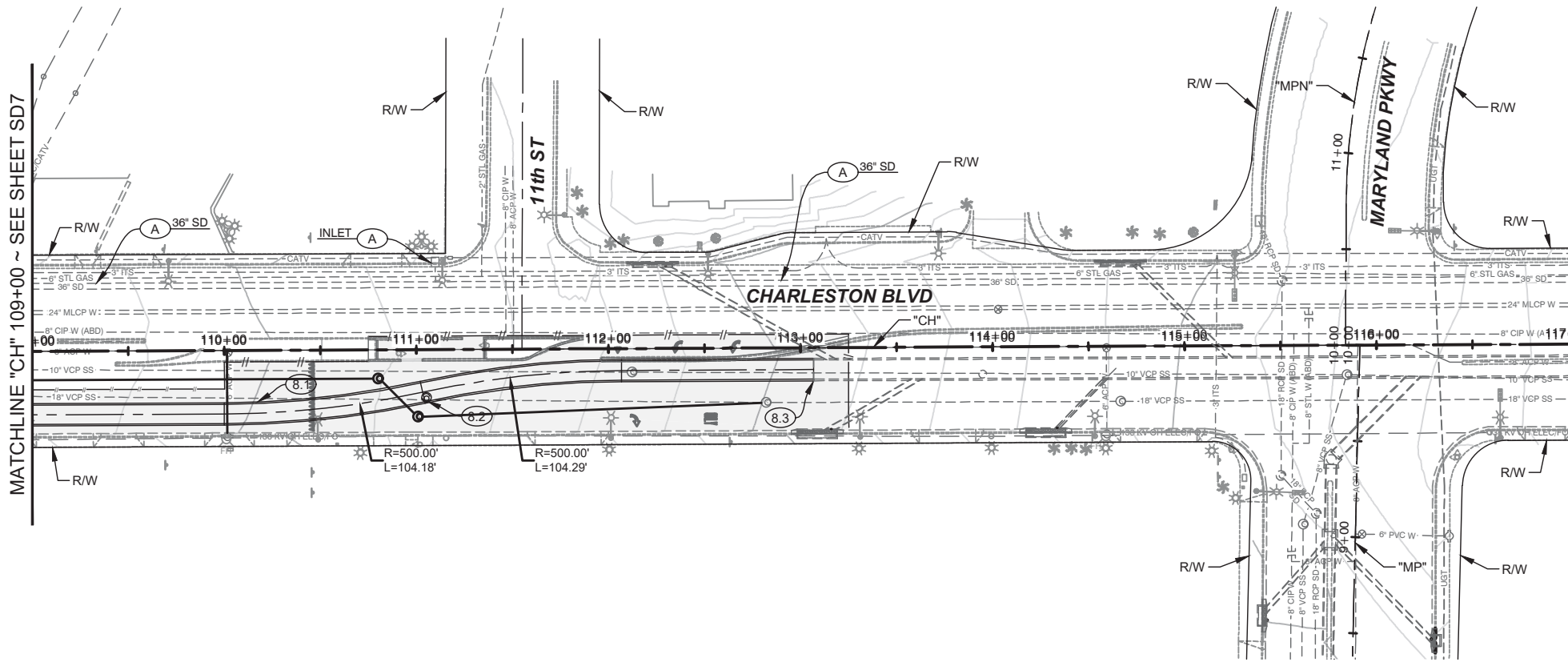
1

2

3

4

5



LEGEND

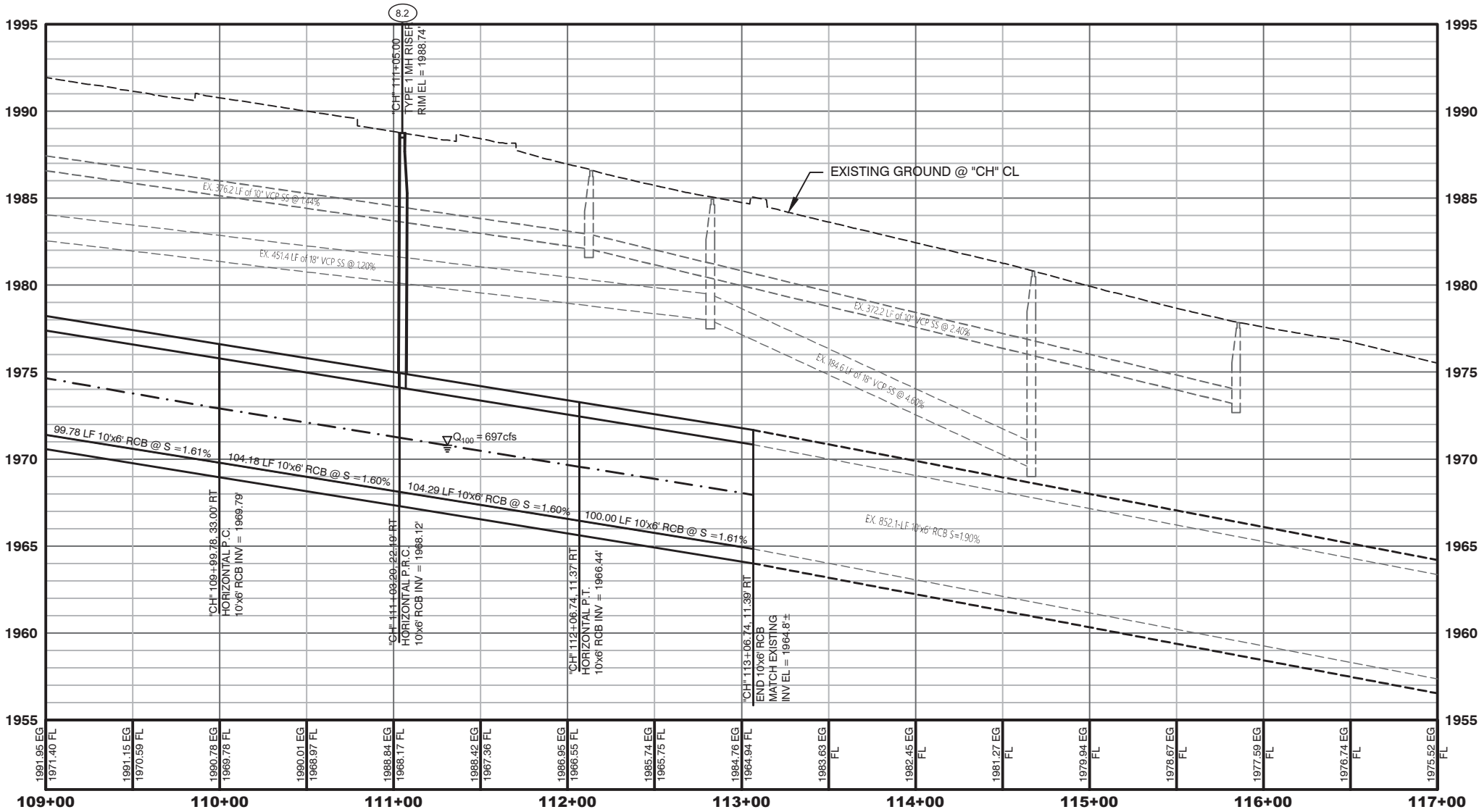
AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

- A PROTECT IN PLACE
- AB ABANDON EXISTING STORM DRAIN
- D REMOVE EXISTING DROP INLET
- M REMOVE EXISTING STORM DRAIN MANHOLE
- P REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES)
- P REMOVE EXISTING STORM DRAIN STRUCTURES

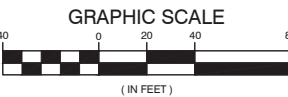
DRAINAGE CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 8.1 "CH" 101+00.00, 33.00' RT TO "CH" 113+06.74, 11.39' RT
INSTALL 406.74 L.F. 10"x6" RCB
- 8.2 "CH" 111+05.00, 14.42' RT
CONSTRUCT 48" TYPE 1 MANHOLE RISER & CONNECT TO RCB
- 8.3 "CH" 113+06.74, 11.39' RT
END 10"x6" RCB
REMOVE EXISTING 10"x6" PLUG
MATCH EXISTING 10"x6" RCB



NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
BEFORE YOU OVERHEAD	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR:
CITY OF LAS VEGAS
H# 72212

DESIGNED BY: B. MAHAN
DATE: April 2, 2019

DRAWN BY: G. SHEARER
SUBMITTAL STAGE:

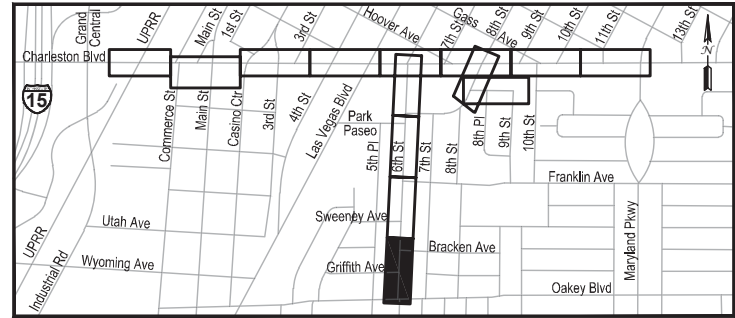
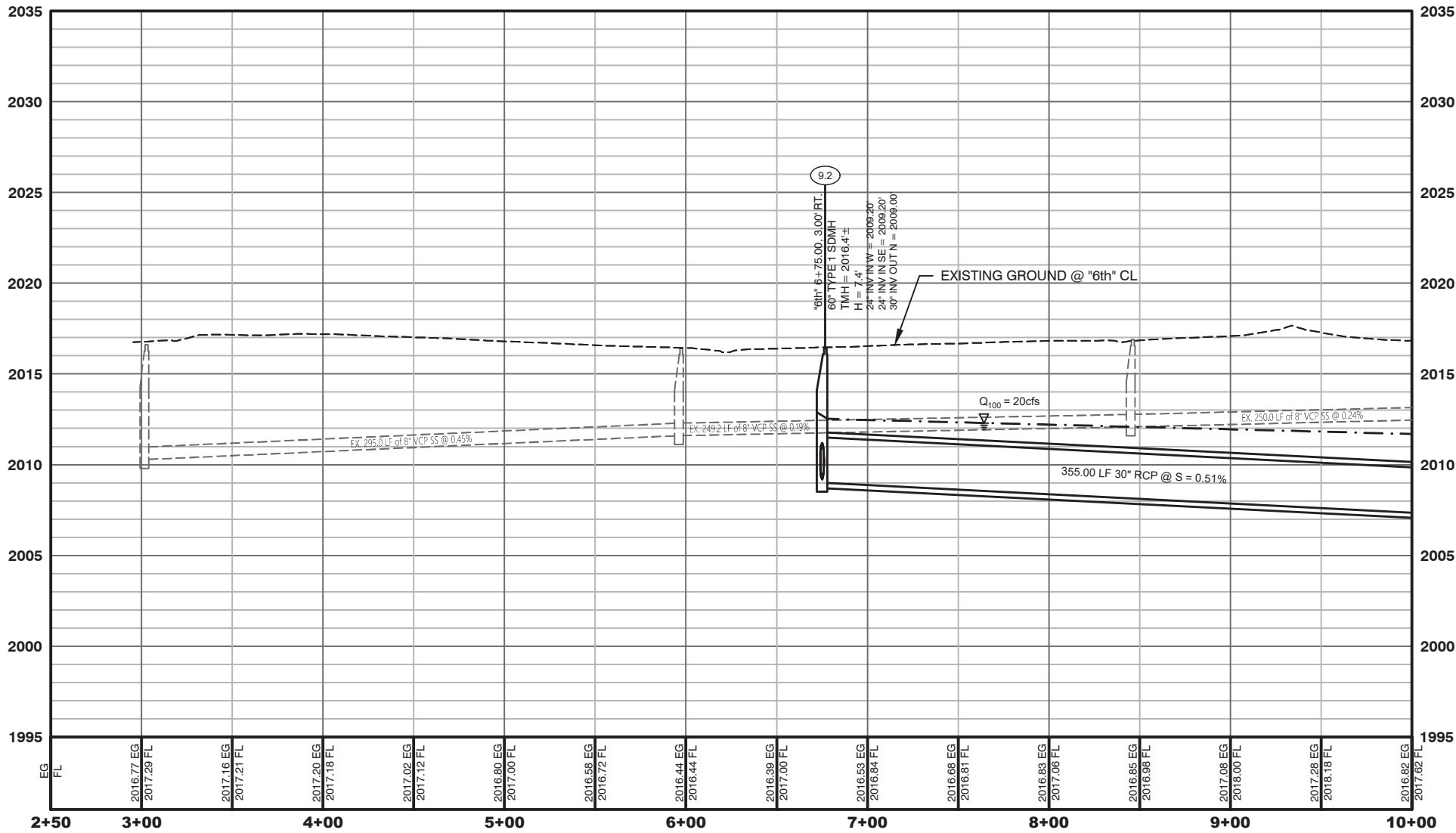
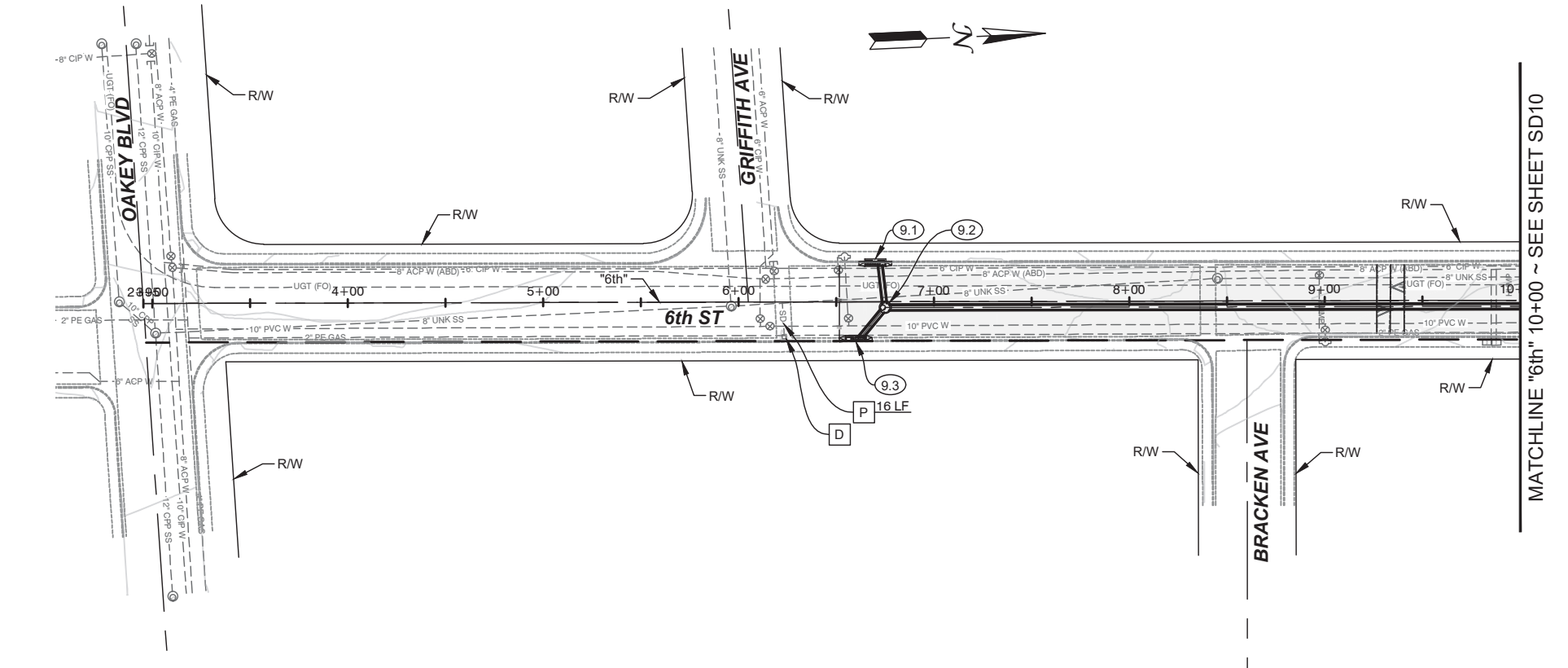
CHECKED BY: J. GRIEST
30% SUBMITTAL

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
**STORM DRAIN PLAN & PROFILE
"CH" 109+00 TO "CH" 117+00**

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET
SD8
OF
DRAWING NO.
107v7368



LEGEND

AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

- A PROTECT IN PLACE
- AB ABANDON EXISTING STORM DRAIN
- D REMOVE EXISTING DROP INLET
- M REMOVE EXISTING STORM DRAIN MANHOLE
- P REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES)
- P REMOVE EXISTING STORM DRAIN STRUCTURES

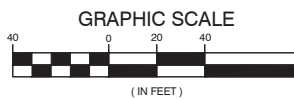
DRAINAGE CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 9.1 "6th" 6+70.00, 20.76' LT
CONSTRUCT 10' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422
INSTALL 21.90 L.F. 24" RCP
- 9.2 "6th" 6+75.00, 3.00' RT
CONSTRUCT 60" TYPE 1 MANHOLE PER USDCCA STD. DWG. No. 403
INSTALL 355.00 L.F. 30" RCP
- 9.2 "6th" 6+60.00, 20.33' RT
CONSTRUCT 10' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422
INSTALL 19.52 L.F. 24" RCP

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	Project No. _____ First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR:
CITY OF LAS VEGAS
H# 72212

DESIGNED BY: B. MAHAN
DATE: April 2, 2019

DRAWN BY: G. SHEARER
SUBMITTAL STAGE: 30% SUBMITTAL

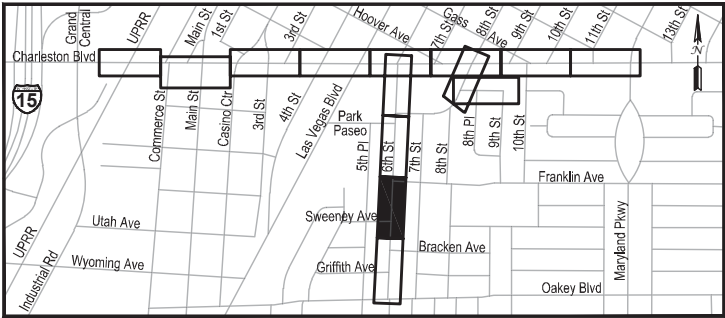
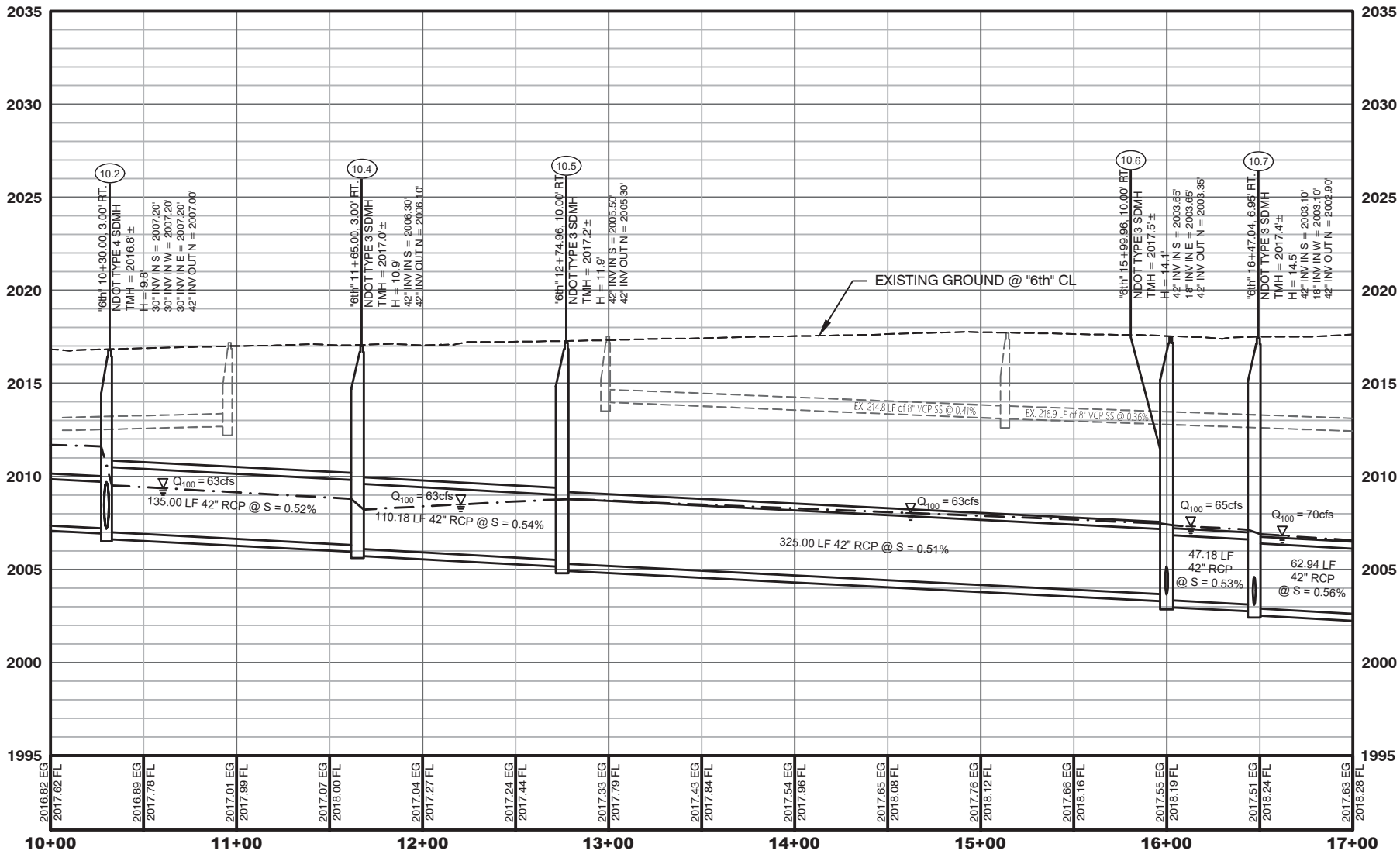
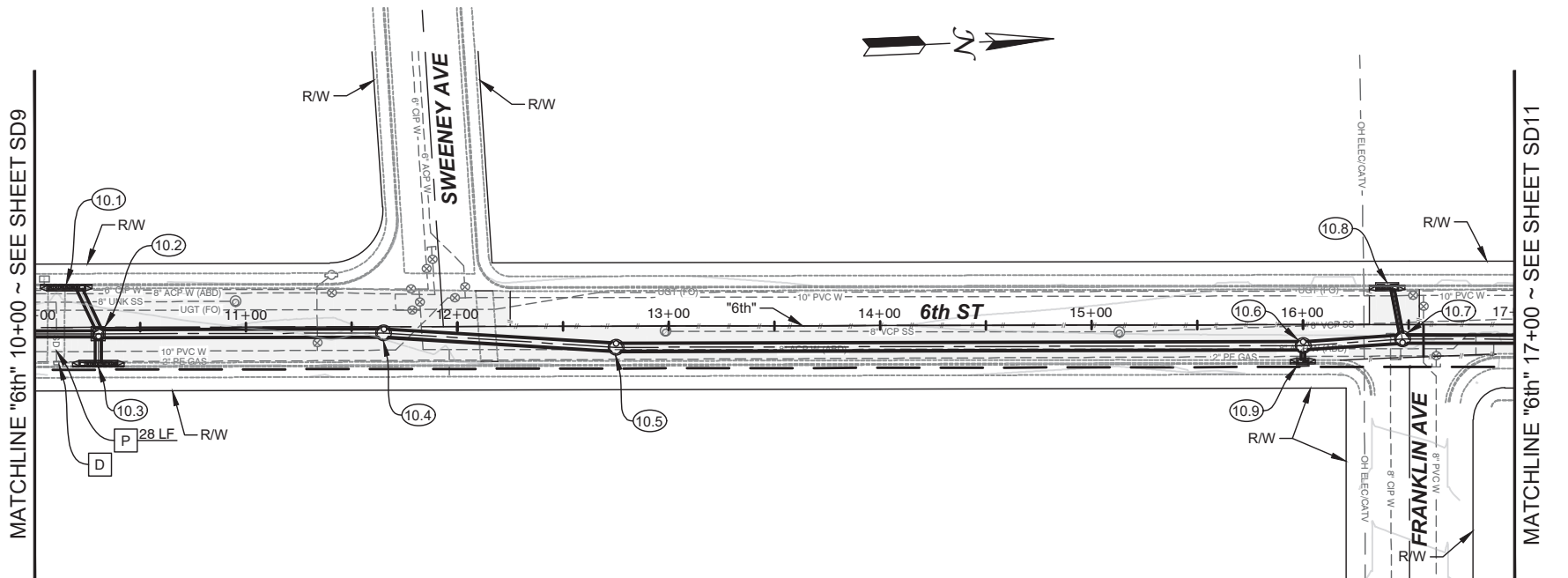
CHECKED BY: J. GRIEST

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
**STORM DRAIN PLAN & PROFILE
"6th" 2+95 TO "6th" 10+00**

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET
SD9
OF
DRAWING NO.
107v7368



LEGEND

AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

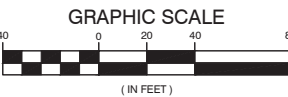
- A PROTECT IN PLACE
- AB ABANDON EXISTING STORM DRAIN
- D REMOVE EXISTING DROP INLET
- M REMOVE EXISTING STORM DRAIN MANHOLE
- P REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES)
- P REMOVE EXISTING STORM DRAIN STRUCTURES

DRAINAGE CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 10.1 '6th' 10+15.00, 20.41' LT
CONSTRUCT 17.5' TYPE 'CM' INLET PER USDCCA STD. DWG. No. 422
INSTALL 20.53 L.F. 30" RCP
- 10.2 '6th' 10+30.00, 3.00' RT
CONSTRUCT TYPE 4 MANHOLE PER NDOT STD. DWG. No. R-4.3.2
INSTALL 135.00 L.F. 42" RCP
- 10.3 '6th' 10+30.00, 18.75' RT
CONSTRUCT 17.5' TYPE 'CM' INLET PER USDCCA STD. DWG. No. 422
INSTALL 10.92 L.F. 30" RCP
- 10.4 '6th' 11+65.00, 3.00' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 110.18 L.F. 42" RCP
- 10.5 '6th' 12+74.96, 10.00' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 325.00 L.F. 42" RCP
- 10.6 '6th' 15+99.96, 10.00' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 47.18 L.F. 42" RCP
- 10.7 '6th' 16+47.04, 6.95' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 62.94 L.F. 42" RCP
- 10.8 '6th' 16+40.00, 18.53' LT
CONSTRUCT 10.00' TYPE 'CM' INLET PER USDCCA STD. DWG. No. 422
INSTALL 23.91 L.F. 18" RCP
- 10.9 '6th' 16+00.00, 18.50' RT
CONSTRUCT 5' TYPE 'CM' INLET PER USDCCA STD. DWG. No. 422
INSTALL 6.50 L.F. 18" RCP

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
BEFORE YOU OVERHEAD	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY: JACOBS

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

PREPARED FOR: CITY OF LAS VEGAS

BID# 72212

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

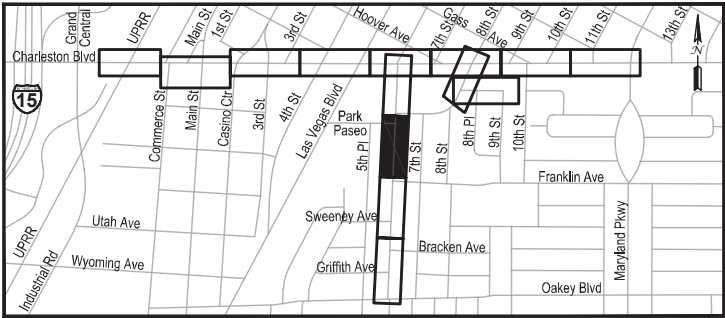
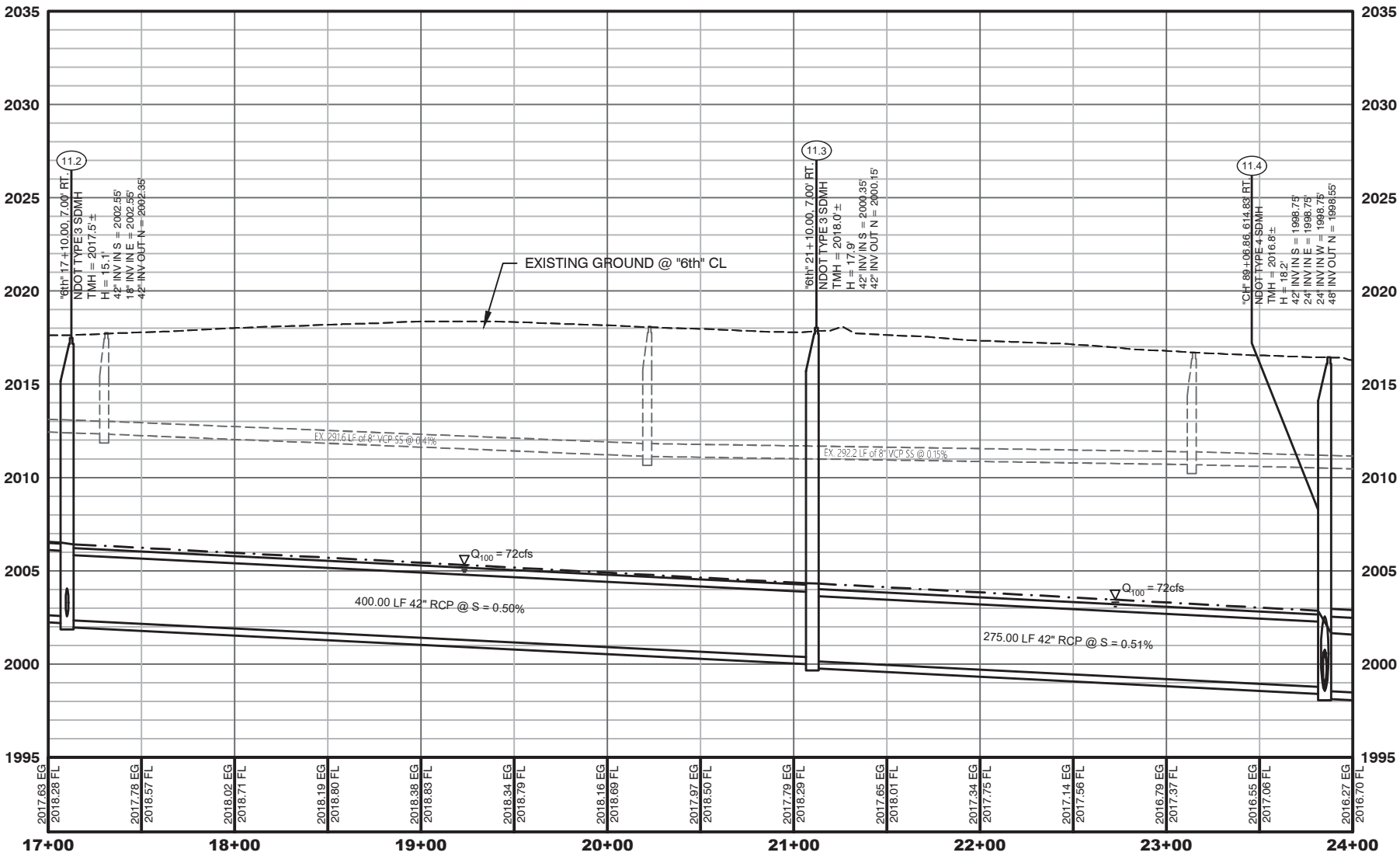
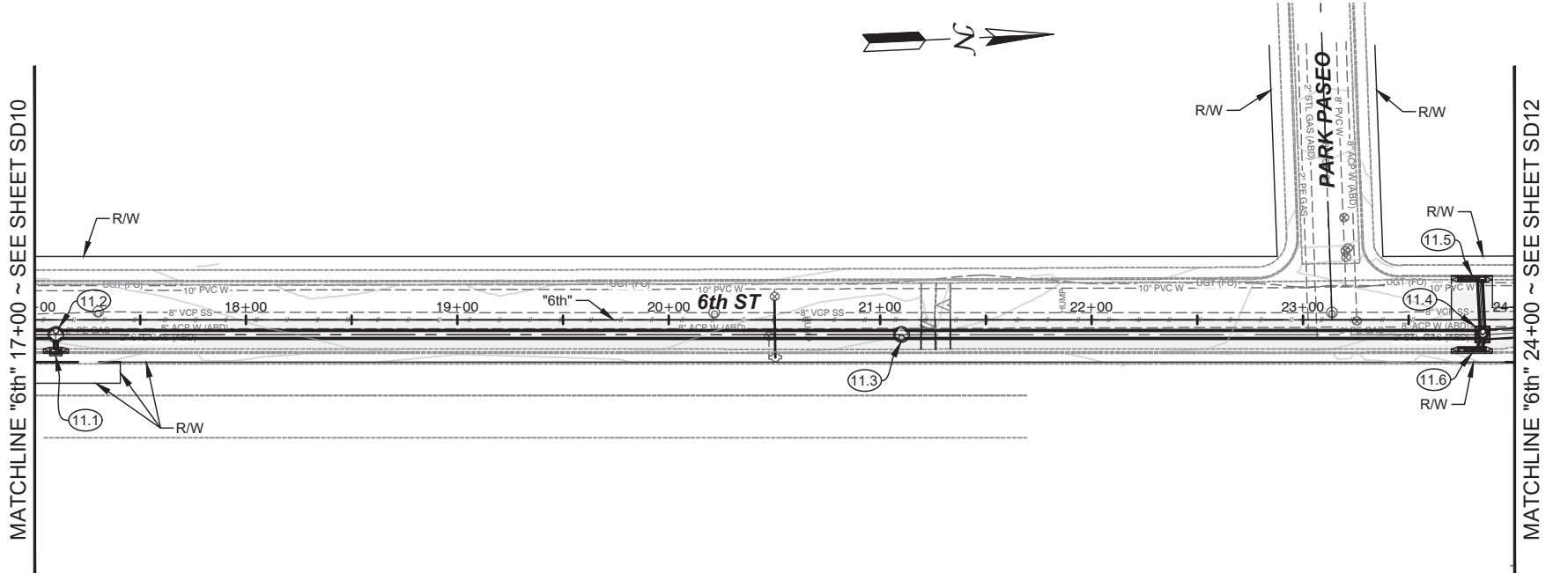
CHECKED BY: J. GRIEST

FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND

STORM DRAIN PLAN & PROFILE
"6th" 10+00 TO "6th" 17+00

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SD10
OF
DRAWING NO.
107v7368



LEGEND

AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

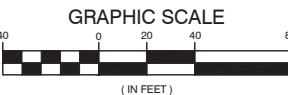
- A PROTECT IN PLACE
- AB ABANDON EXISTING STORM DRAIN
- D REMOVE EXISTING DROP INLET
- M REMOVE EXISTING STORM DRAIN MANHOLE
- P REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES)
- P REMOVE EXISTING STORM DRAIN STRUCTURES

DRAINAGE CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 11.1 "6th" 17+10.00, 15.84' RT
CONSTRUCT 5' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422
INSTALL 6.73 L.F. 18" RCP
- 11.2 "6th" 17+10.00, 7.00' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 400.00 L.F. 42" RCP
- 11.3 "6th" 21+10.00, 7.00' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 275.00 L.F. 42" RCP
- 11.4 "6th" 23+85.00, 7.00' RT
CONSTRUCT TYPE 4 MANHOLE PER NDOT STD. DWG. No. R-4.3.2
INSTALL 75.11 L.F. 48" RCP
- 11.5 "6th" 23+80.00, 20.92' LT
CONSTRUCT 12.5' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422
INSTALL 23.30 L.F. 24" RCP
- 11.6 "6th" 23+80.00, 15.82' RT
CONSTRUCT 12.5' TYPE "CM" INLET PER USDCCA STD. DWG. No. 422
INSTALL 4.19 L.F. 24" RCP

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR:
CITY OF LAS VEGAS
H# 72212

DESIGNED BY: B. MAHAN
DATE: April 2, 2019
SUBMITTAL STAGE:
30% SUBMITTAL

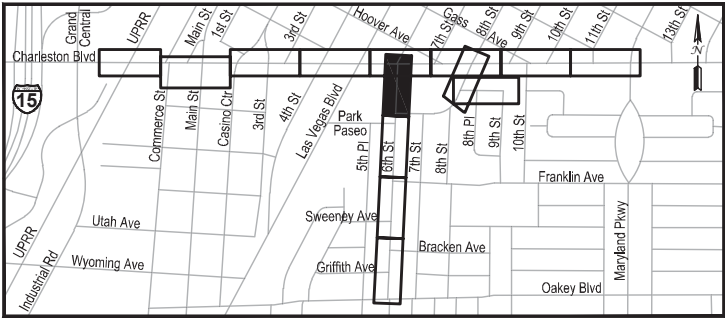
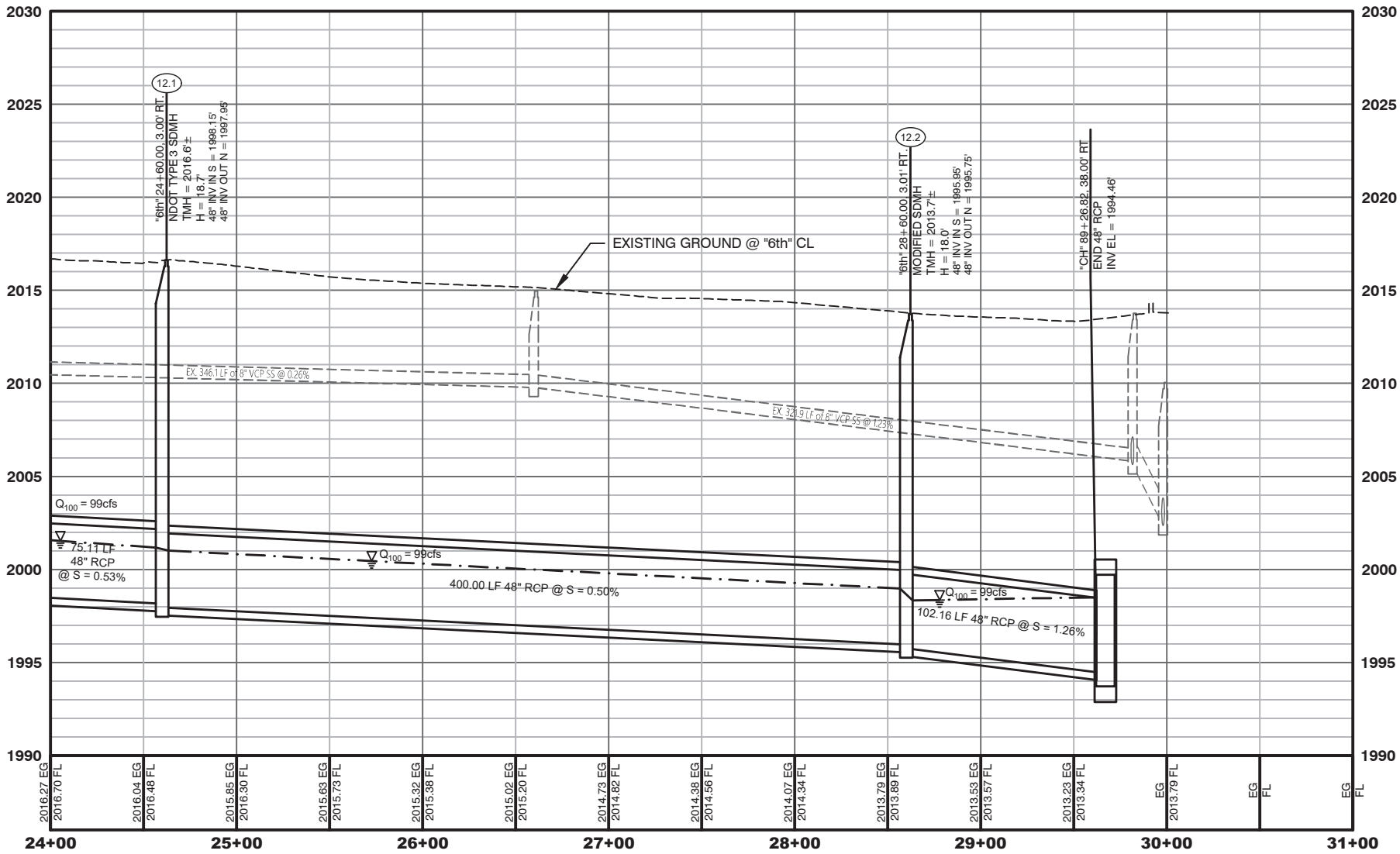
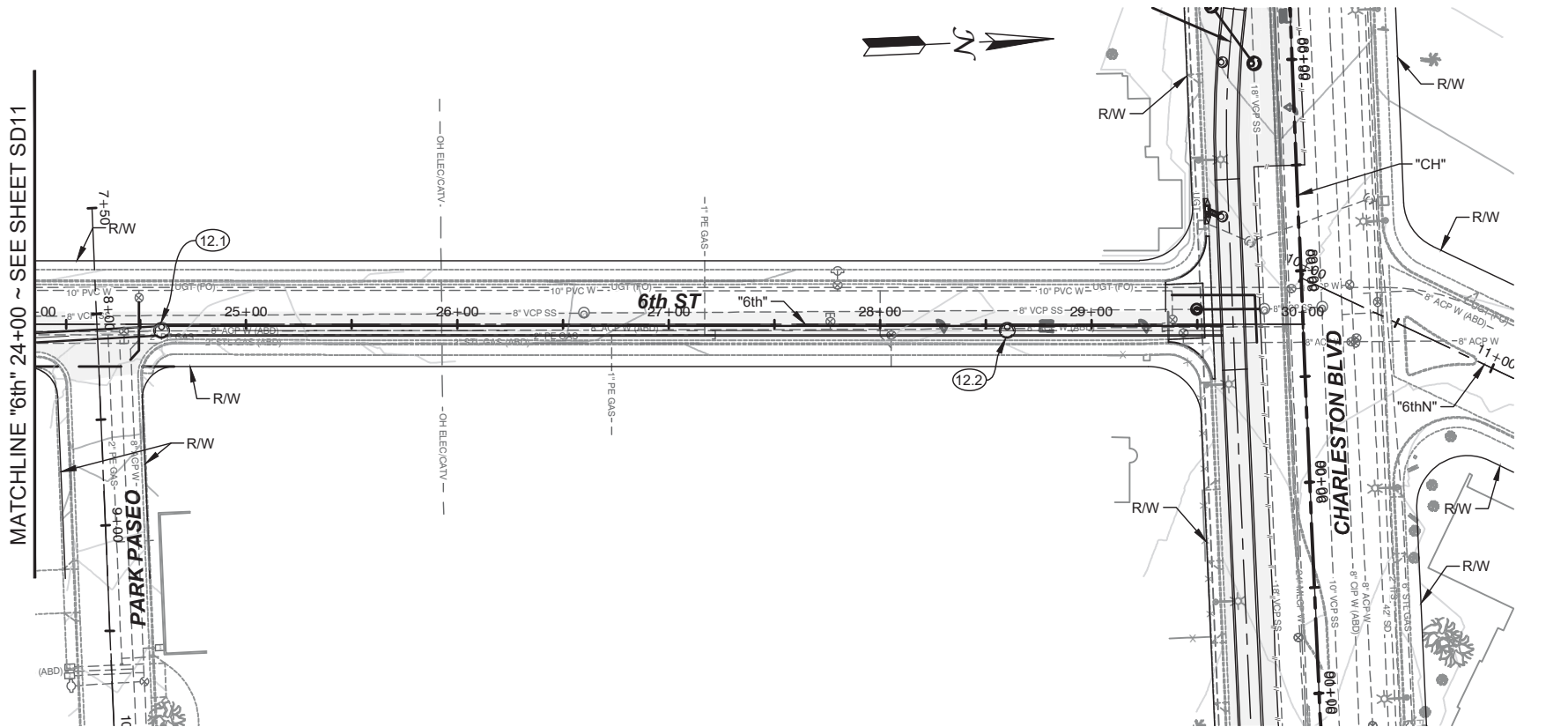
CHECKED BY: J. GRIEST

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
SD11
OF
DRAWING NO.
107v7368

30% SUBMITTAL
NOT FOR
CONSTRUCTION

STORM DRAIN PLAN & PROFILE
"6th" 17+00 TO "6th" 24+00



LEGEND

AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

- A PROTECT IN PLACE
- AB ABANDON EXISTING STORM DRAIN
- D REMOVE EXISTING DROP INLET
- M REMOVE EXISTING STORM DRAIN MANHOLE
- P REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES)
- P REMOVE EXISTING STORM DRAIN STRUCTURES

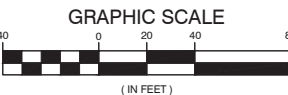
DRAINAGE CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 12.1 "6th" 24+60.00, 3.00' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 400.00 L.F. 48" RCP
- 12.2 "6th" 28+60.00, 3.00' RT
CONSTRUCT TYPE 3 MANHOLE PER NDOT STD. DWG. No. R-4.3.1
INSTALL 102.16 L.F. 48" RCP & CONNECT TO RCB

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	811 OR 800-227-2600
Project No. _____	First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
BEFORE YOU OVERHEAD	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS

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

PREPARED FOR:
CITY OF LAS VEGAS

BID#
H# 72212

DESIGNED BY: B. MAHAN
DATE: April 2, 2019

DRAWN BY: G. SHEARER
SUBMITTAL STAGE: 30% SUBMITTAL

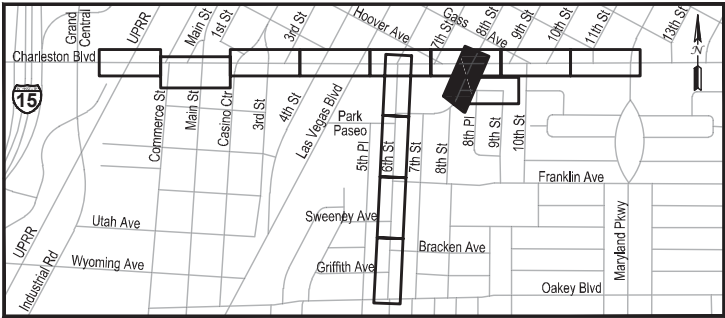
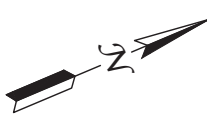
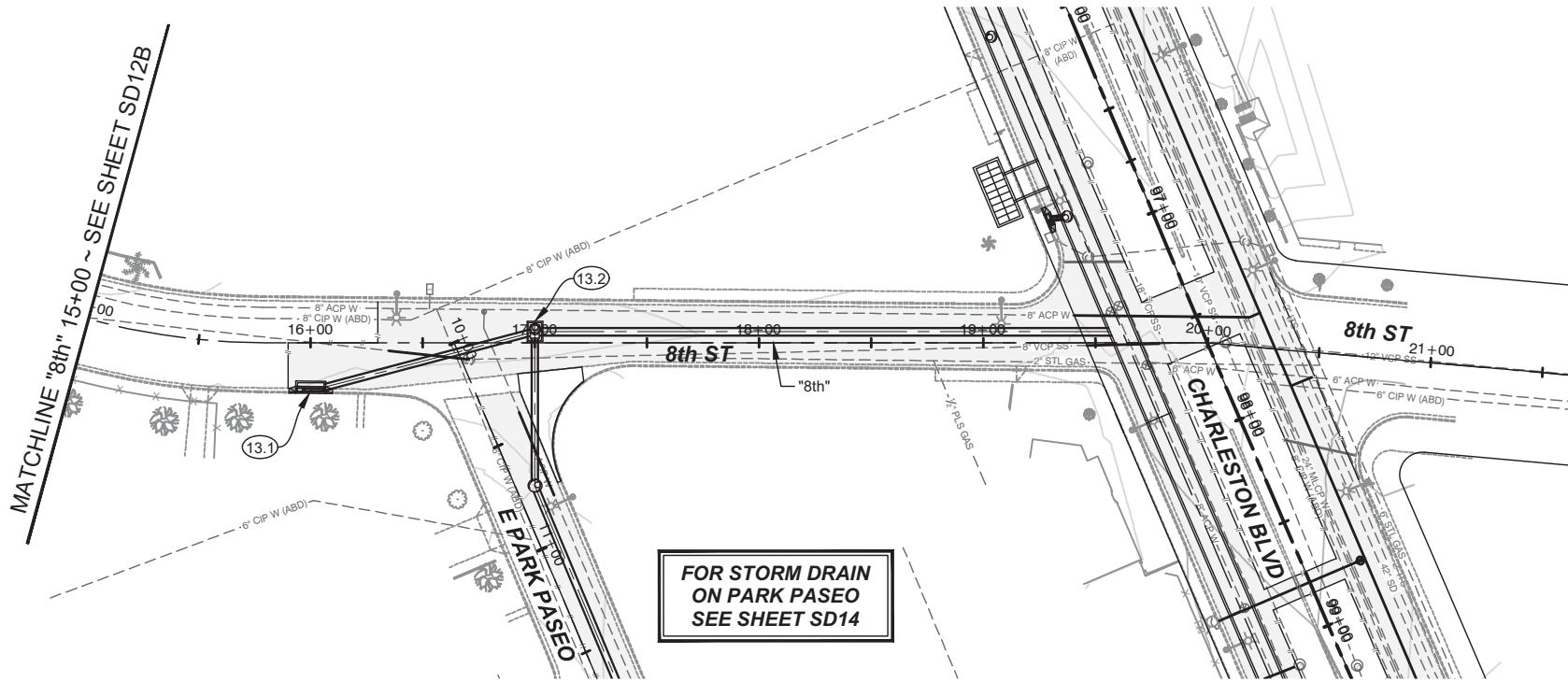
CHECKED BY: J. GRIEST

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
**STORM DRAIN PLAN & PROFILE
"6th" 24+00 TO "6th" 30+00**

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET
SD12
OF
DRAWING NO.
107v7368



LEGEND

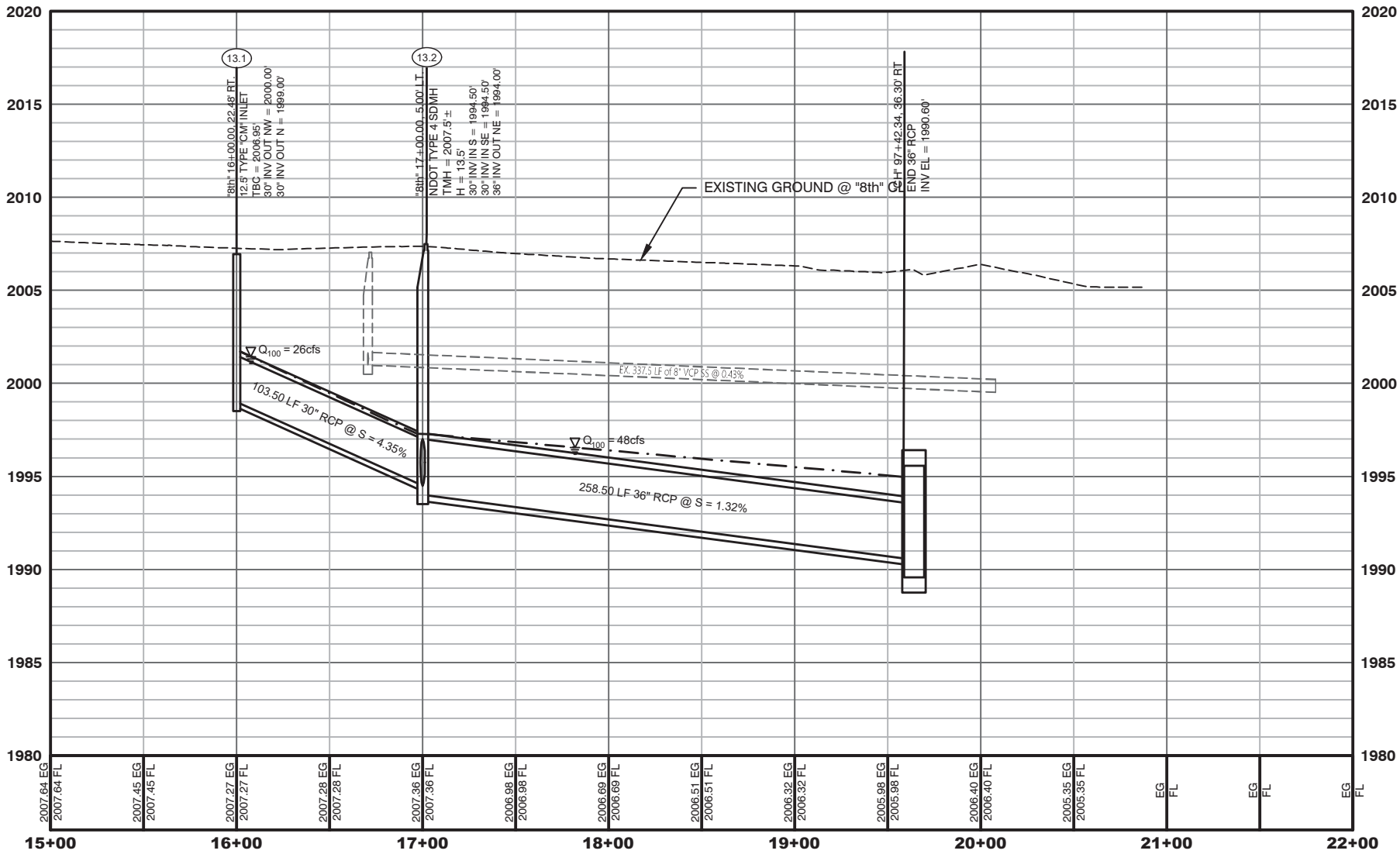
AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

- | | |
|----|--|
| A | PROTECT IN PLACE |
| AB | ABANDON EXISTING STORM DRAIN |
| D | REMOVE EXISTING DROP INLET |
| M | REMOVE EXISTING STORM DRAIN MANHOLE |
| P | REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES) |
| P | REMOVE EXISTING STORM DRAIN STRUCTURES |

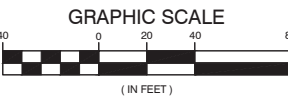
DRAINAGE CONSTRUCTION NOTES

- | | |
|------|---|
| A | PROTECT IN PLACE |
| 13.1 | "8th" 16+00.00, 22.48' RT
CONSTRUCT 12.5' TYPE "CM" INLET PER USDOCA STD. DWG. No. 422
INSTALL 103.50 L.F. 30" RCP |
| 13.2 | "8th" 17+00.00, 5.00' LT
CONSTRUCT TYPE 4 MANHOLE PER NDOT STD. DWG. No. R-4.3.2
INSTALL 258.50 L.F. 54" RCP & CONNECT TO RCB |



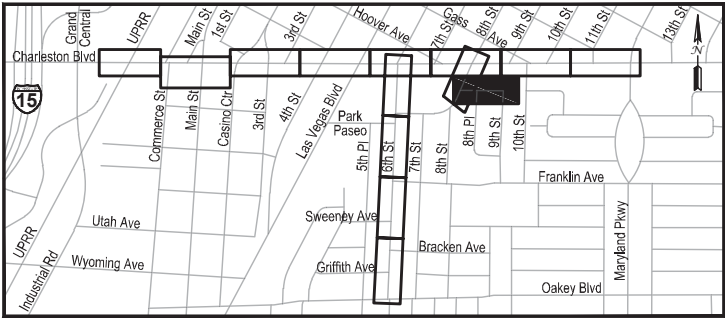
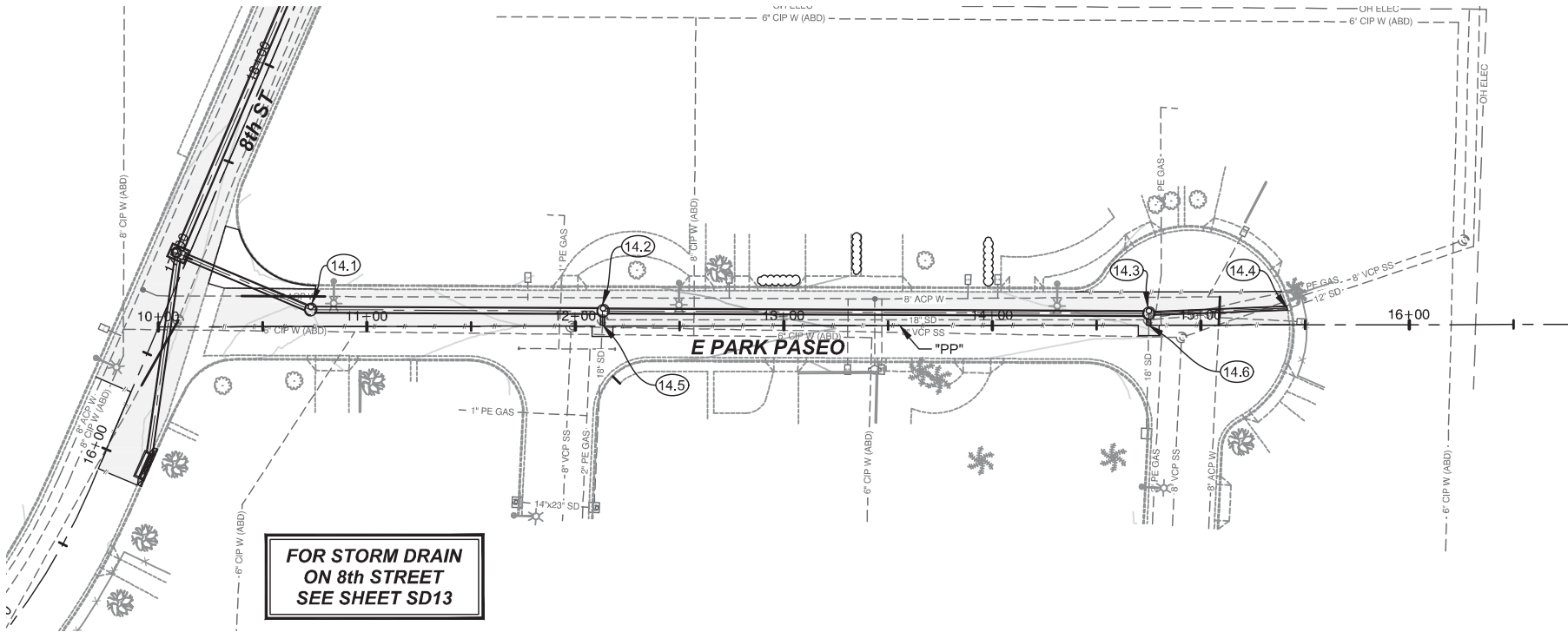
NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR "PUBLIC WORKS" CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY:	5				NO.	DATE	REVISIONS			
	4									
	3									
	2									
PREPARED FOR:	1				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	2				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	3				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	4				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	5				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	6				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	7				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	8				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	9				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	10				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	11				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	12				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	13				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	14				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	15				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	16				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	17				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	18				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	19				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	20				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	21				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	22				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	23				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	24				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	25				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	26				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	27				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	28				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	29				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	30				NO.	DATE	REVISIONS			
CITY OF LAS VEGAS	31				NO.	DATE	REVISIONS			



LEGEND

AREA OF PAVEMENT REPLACEMENT

DRAINAGE REMOVAL NOTES

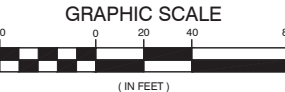
- A PROTECT IN PLACE
- AB ABANDON EXISTING STORM DRAIN
- D REMOVE EXISTING DROP INLET
- M REMOVE EXISTING STORM DRAIN MANHOLE
- P REMOVE EXISTING STORM DRAIN PIPE (SIZE VARIES)
- P REMOVE EXISTING STORM DRAIN STRUCTURES

DRAINAGE CONSTRUCTION NOTES

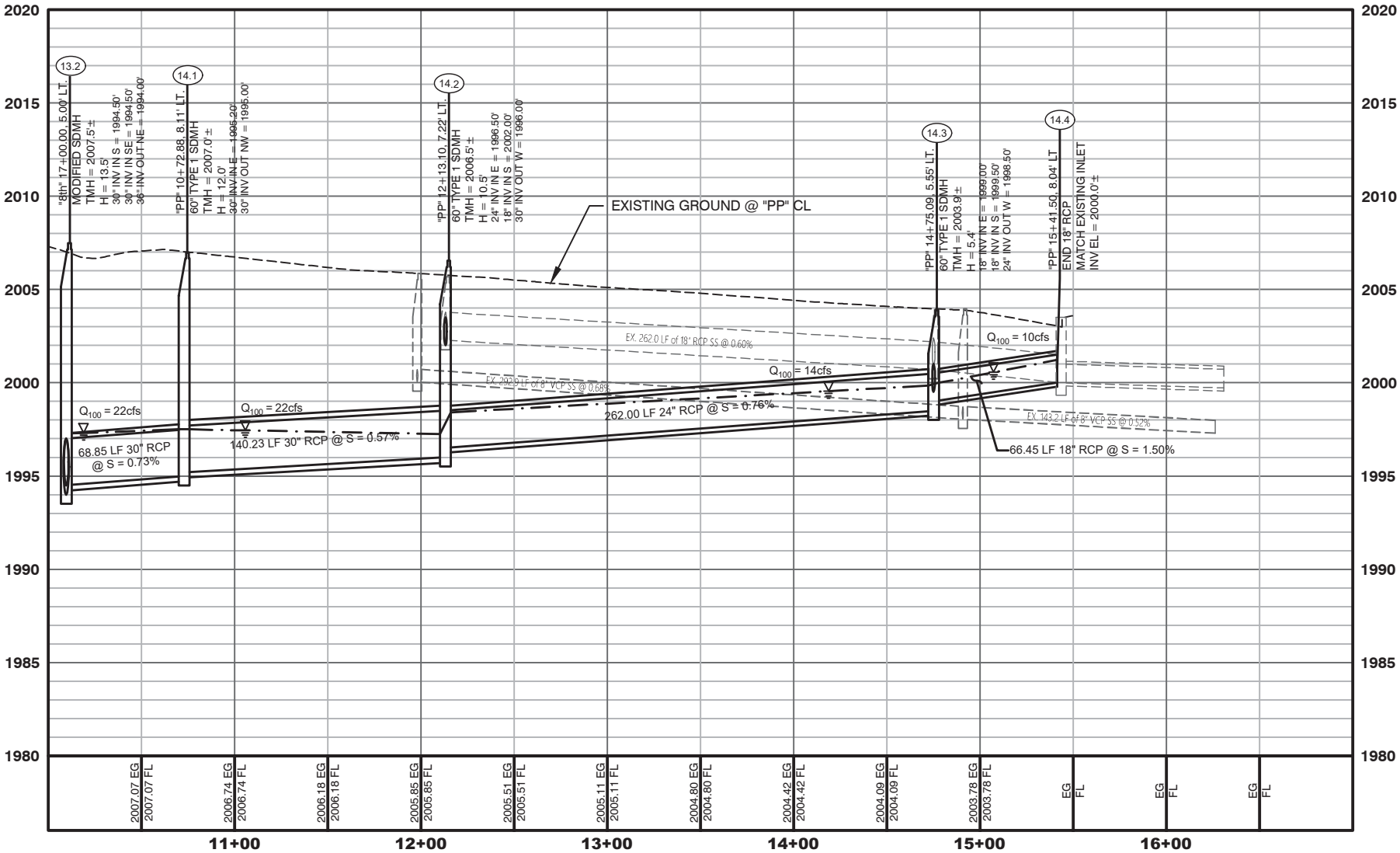
- A PROTECT IN PLACE
- 14.1 "PP" 10+72.88, 8.11' LT
CONSTRUCT 60" TYPE 1 MANHOLE PER USGCCA STD. DWG. No. 403
INSTALL 68.85 L.F. 30" RCP
- 14.2 "PP" 12+13.10, 7.22' LT
CONSTRUCT 60" TYPE 1 MANHOLE PER USGCCA STD. DWG. No. 403
INSTALL 140.23 L.F. 30" RCP
- 14.3 "PP" 14+75.09, 5.55' LT
CONSTRUCT 60" TYPE 1 MANHOLE PER USGCCA STD. DWG. No. 403
INSTALL 262.00 L.F. 24" RCP
- 14.4 "PP" 15+41.50, 8.04' LT
INSTALL 66.45 L.F. 18" RCP
CONNECT TO EXISTING DROP INLET
ABANDON EXISTING 12" STORM DRAIN
- 14.5 "PP" 12+12.95, 0.50' LT
INSTALL 6.73 L.F. 18" RCP
CONNECT TO EXISTING 18" STORM DRAIN WITH CONCRETE COLLAR
PER NDOT STD. DWG. No. R-2.1.1
- 14.6 "PP" 14+75.06, 0.00' LT
INSTALL 5.53 L.F. 18" RCP
CONNECT TO EXISTING 18" STORM DRAIN WITH CONCRETE COLLAR
PER NDOT STD. DWG. No. R-2.1.1

NOTES:

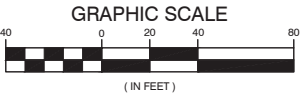
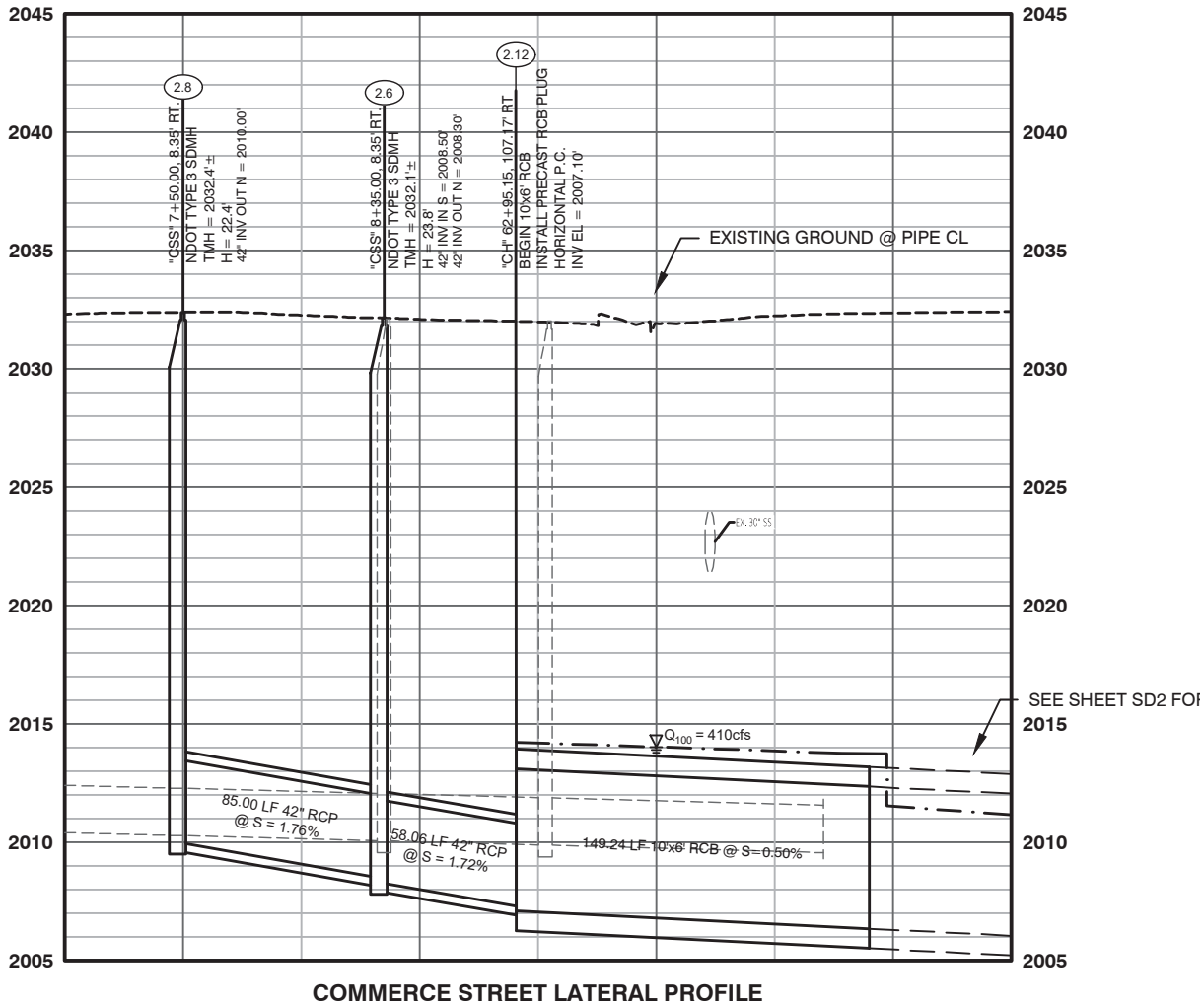
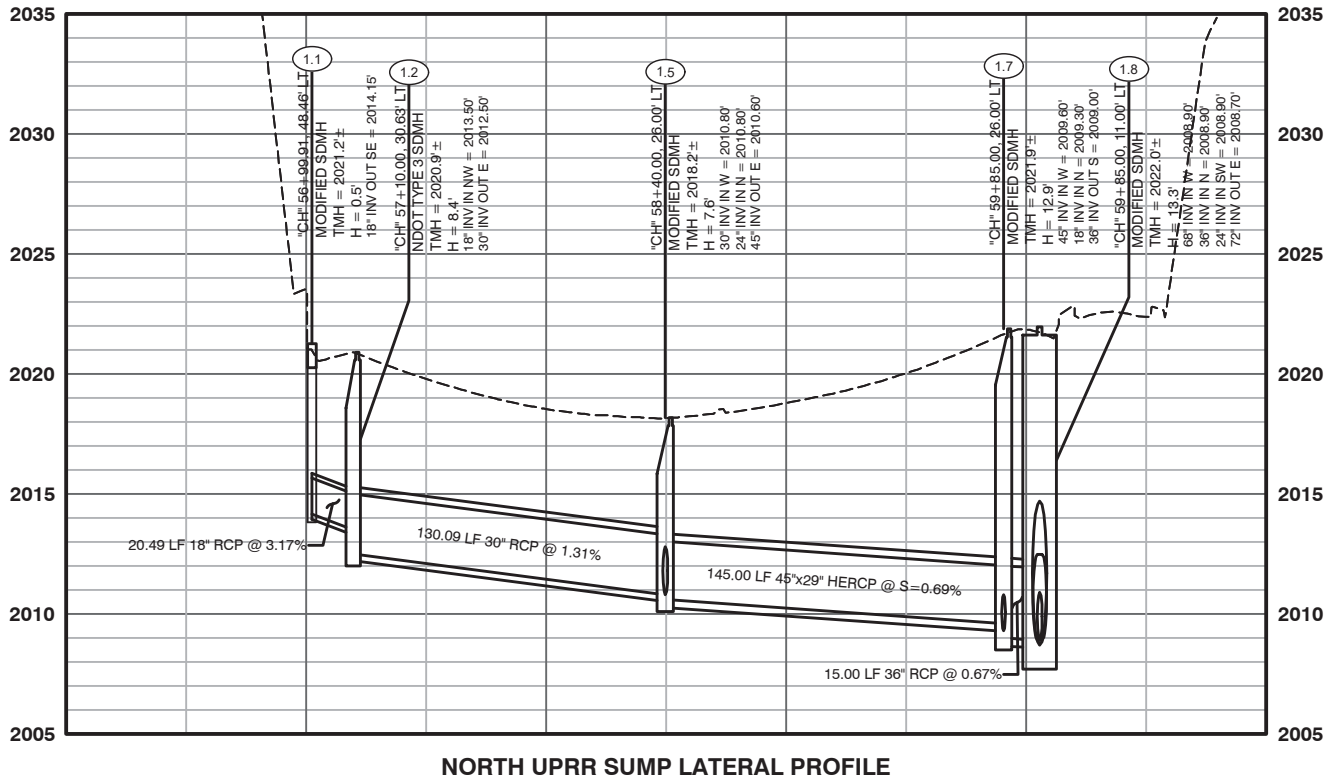
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- ALL RCP AND HERCP SHALL BE CLASS III UNLESS OTHERWISE NOTED.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929



708796-SD.dwg



CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED FOR

CITY OF LAS VEGAS

H# 72212

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

DATE: April 2, 2019

SUBMITTAL STAGE:

30% SUBMITTAL

PREPARED BY:

JACOBS

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

TITLE

FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND

SHEET

STORM DRAIN PROFILES
LATERAL PROFILES

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET

SD15

OF

DRAWING NO.
107v7368

NO.

DATE

REVISIONS

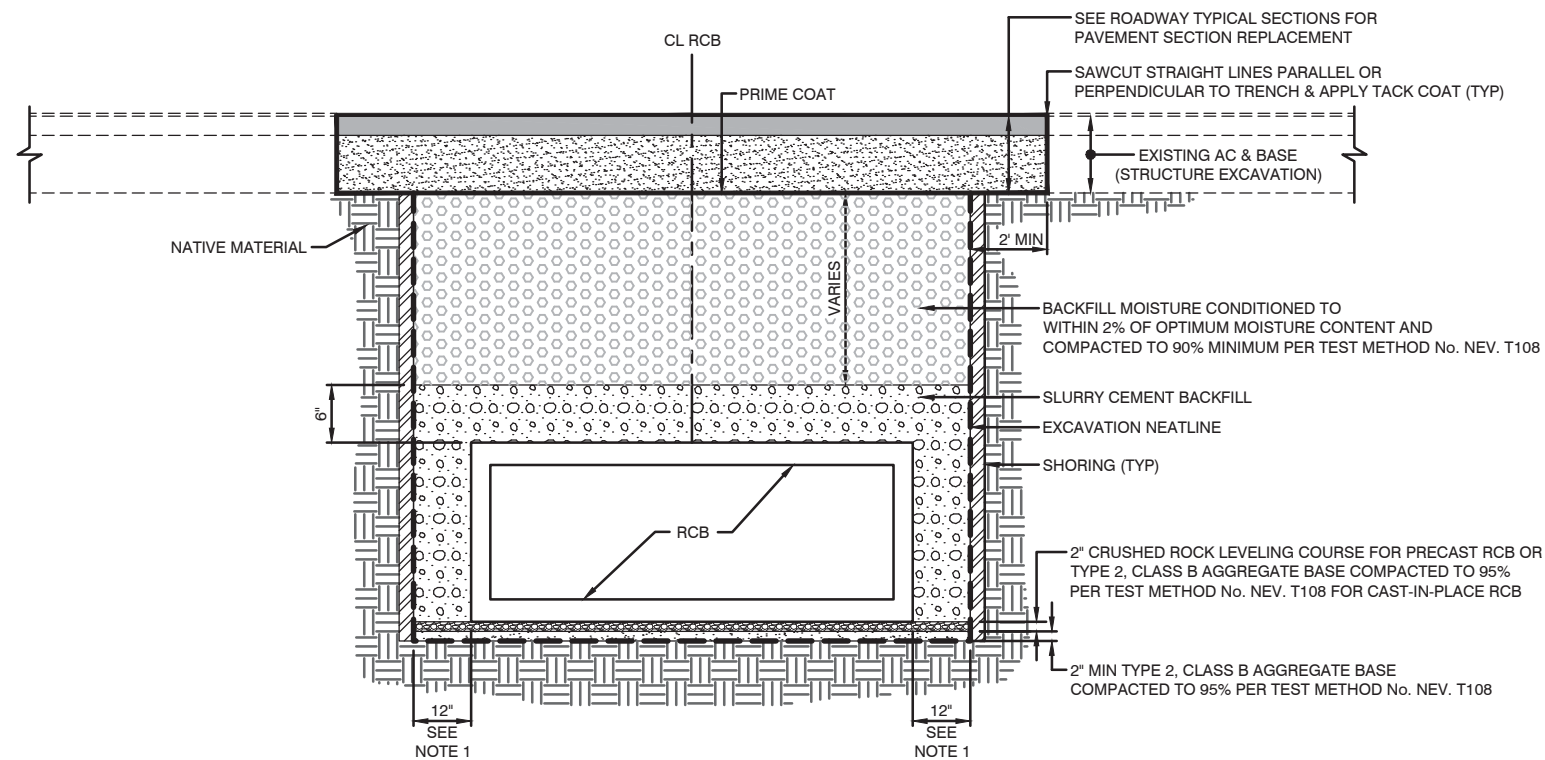
5

4

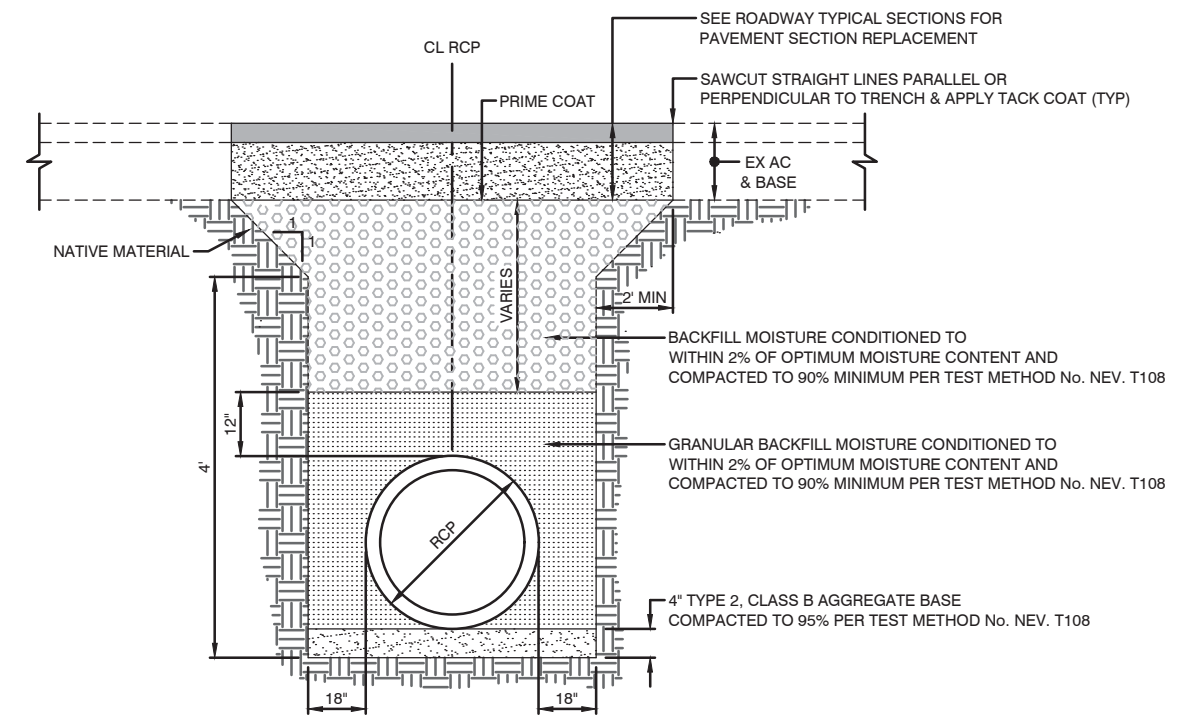
3

2

1



A TYPICAL RCB TRENCH
NOT TO SCALE



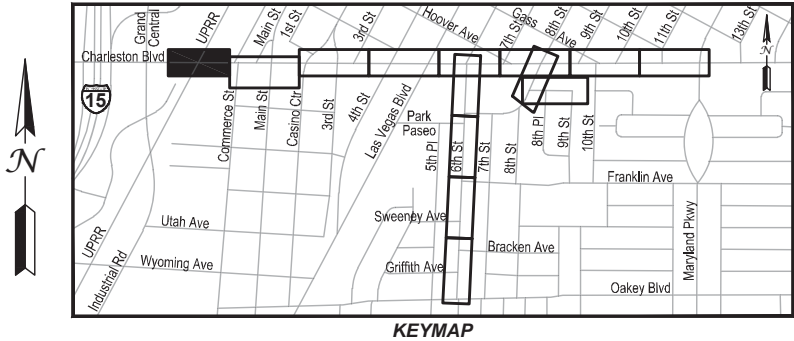
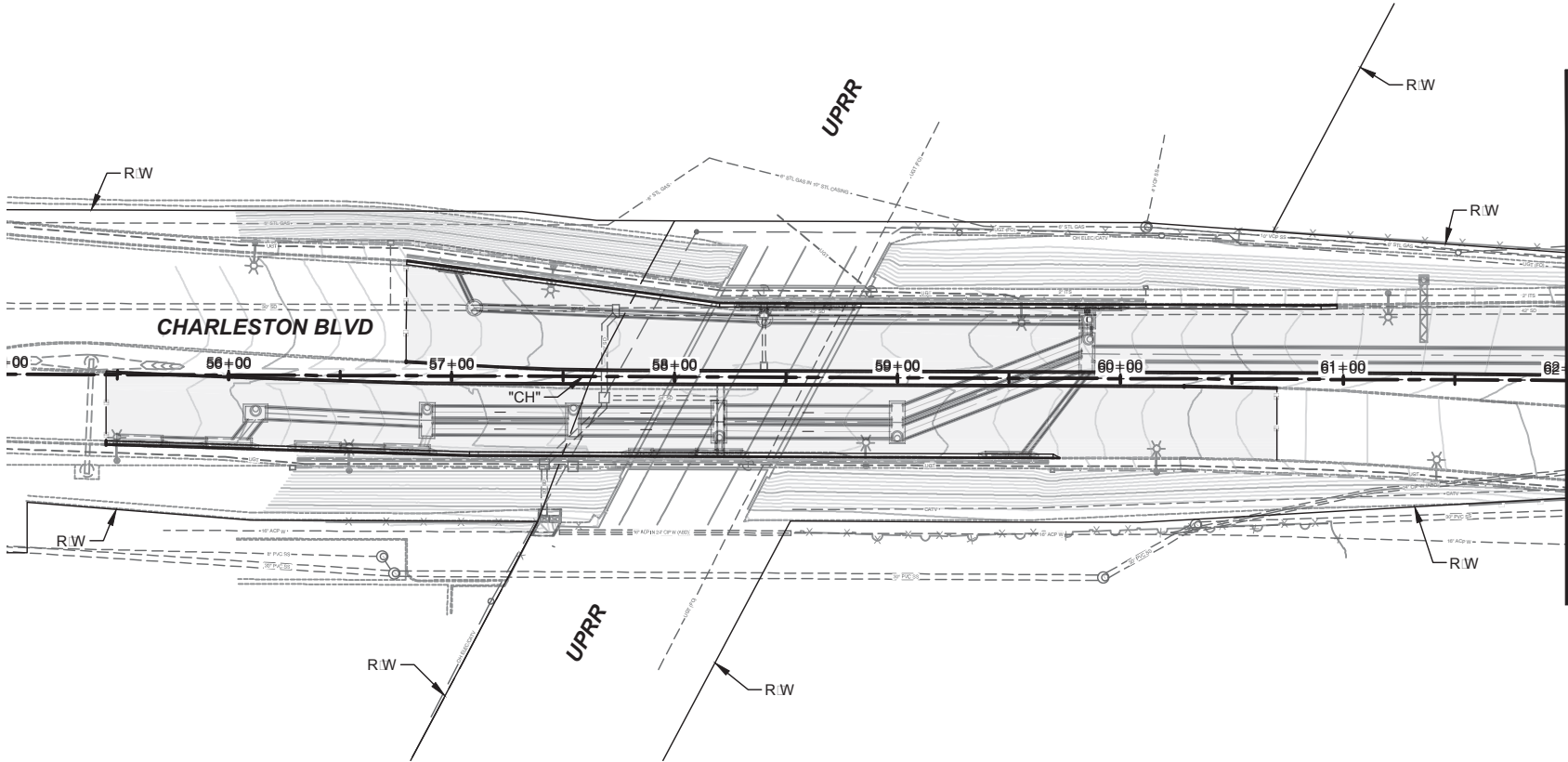
B TYPICAL RCP TRENCH
NOT TO SCALE

- NOTES:**

1. 6" MINIMUM IS ALLOWABLE FOR PRECAST RCB.
2. EXCAVATION NEATLINE FOR PAYMENT OF CHANNEL EXCAVATION IS INSIDE FACE OF SHORING AND SUBGRADE.
3. ALL MAINLINE OPEN CHANNEL AND LARGE RCB STRUCTURAL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 6,000 PSI AT 28 DAYS. ALL OTHER STRUCTURAL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT 28 DAYS.
4. TYPE 2 CLASS B AGGREGATE BASE AND CRUSHED ROCK USED FOR BEDDING SHALL BE PAID FOR AS GRANULAR BACKFILL.
5. THE INVERT SLAB FOR ALL CAST-IN-PLACE STRUCTURES SHALL BE CLASS A MODIFIED CONCRETE. CLASS D MODIFIED CONCRETE MAY BE SUBSTITUTED FOR CLASS A MODIFIED CONCRETE AT NO ADDITIONAL COST FOR WALLS AND TOP SLABS.

CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

[illegible]



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

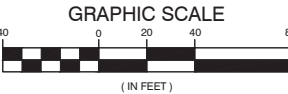
- A PROTECT IN PLACE

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED FOR
CITY OF LAS VEGAS
H# 72212

DESIGNED BY: B. MAHAN
DATE: April 2, 2019

DRAWN BY: G. SHEARER
SUBMITTAL STAGE: 30% SUBMITTAL

CHECKED BY: J. GRIEST

5

4

3

2

1

NO. DATE

REVISIONS

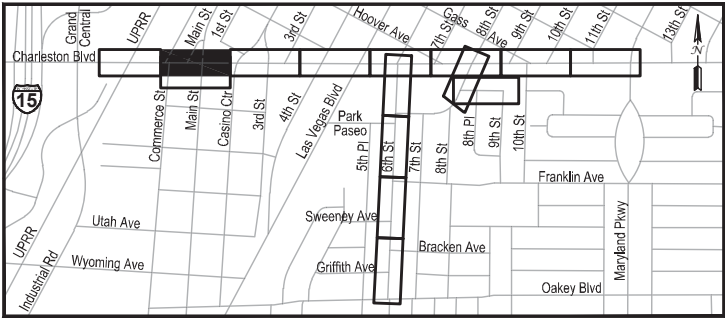
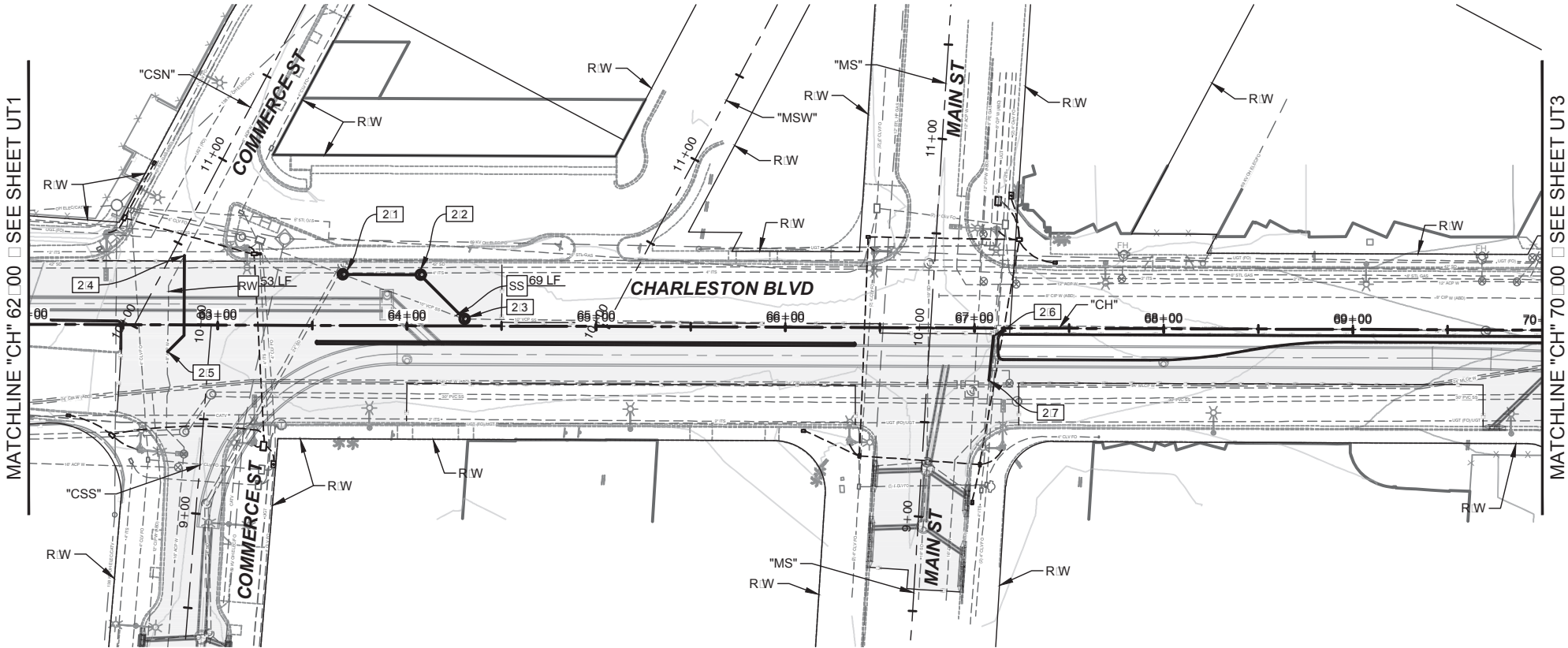
PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
**UTILITY PLAN
"CH" 55+00 TO "CH" 62+00**

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET
UT1
OF
DRAWING NO.
107v7368



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

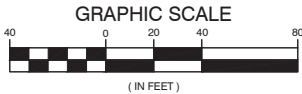
- A PROTECT IN PLACE
- 2.1 "CH" 63+65.85, 27.00' LT
BEGIN 10" SEWER RELOCATION
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 41.12 L.F. 10" PVC SEWER
- 2.2 "CH" 64+06.97, 27.00' LT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 33.02 L.F. 10" PVC SEWER
- 2.3 "CH" 64+30.32, 3.65' LT
END 10" SEWER RELOCATION
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
- 2.4 "CH" 62+82.13, 36.65' LT
BEGIN 8" WATERLINE RELOCATION
INSTALL 54.5 LF 8" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 2.5 "CH" 62+73.50, 14.28' RT
END 8" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE
- 2.6 "CH" 67+09.98, 4.36' RT
BEGIN 12" WATERLINE RELOCATION
INSTALL 23.4 LF 12" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 2.7 "CH" 67+07.83, 27.74' RT
END 12" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR
CITY OF LAS VEGAS
H# 72212

DESIGNED BY: B. MAHAN
DATE: April 2, 2019
SUBMITTAL STAGE:
30% SUBMITTAL

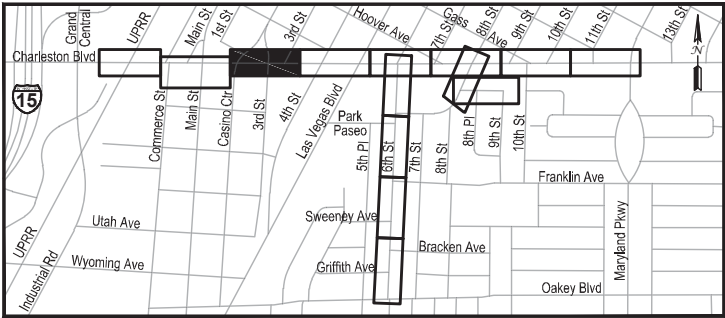
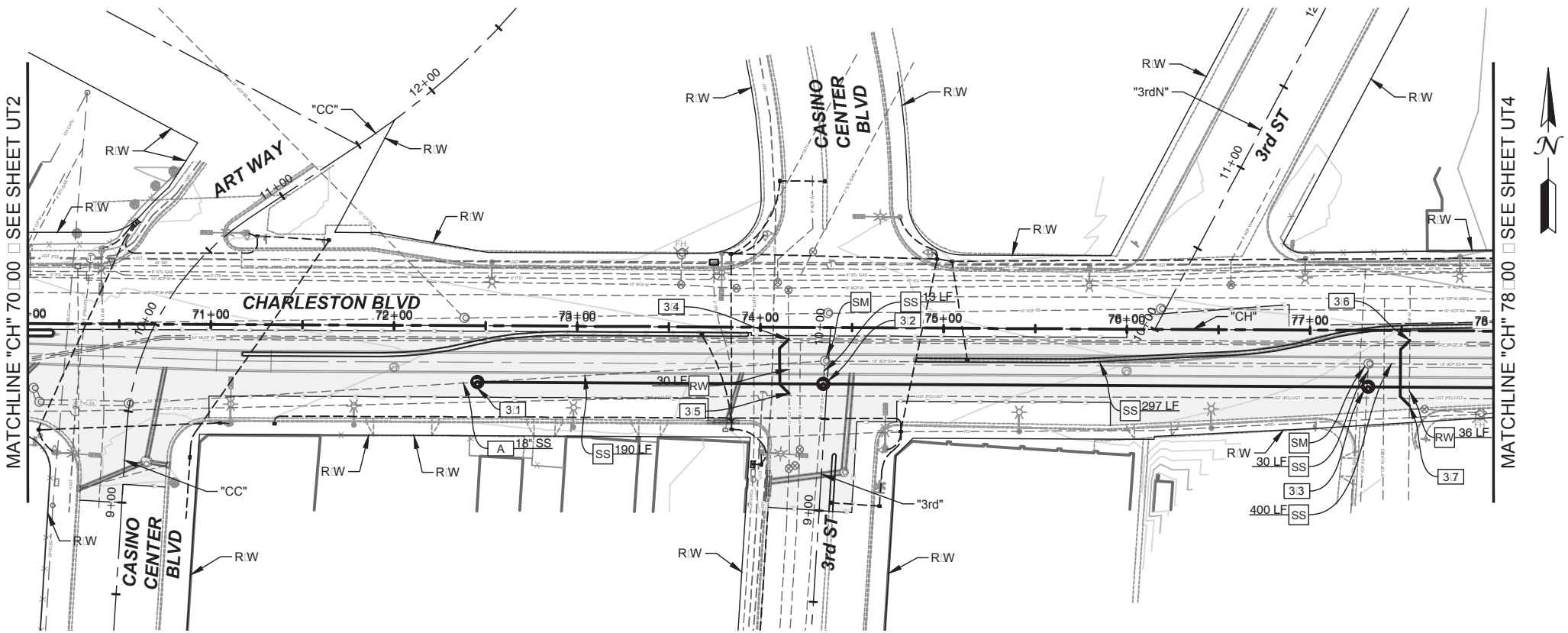
CHECKED BY: J. GRIEST

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
**UTILITY PLAN
"CH" 62+00 TO "CH" 70+00**

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET
UT2
OF
DRAWING NO.
107v7368



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 3.1 "CH" 72+45.50, 30.83' RT
BEGIN 18" SEWER RELOCATION
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 188.94 L.F. 18" PVC SEWER
- 3.2 "CH" 74+34.45, 30.83' RT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 297.45 L.F. 18" PVC SEWER
- 3.3 "CH" 77+31.89, 30.83' RT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 295.01 L.F. 18" PVC SEWER
- 3.4 "CH" 74+15.42, 6.50' RT
BEGIN 12" WATERLINE RELOCATION
INSTALL 33.65 LF 12" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 3.5 "CH" 74+15.83, 36.00' RT
END 12" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE
- 3.6 "CH" 77+54.57, 5.35' RT
BEGIN 6" WATERLINE RELOCATION
INSTALL 39.70 LF 6" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 3.7 "CH" 77+54.46, 40.90' RT
END 6" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE

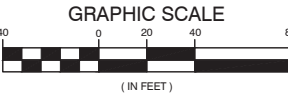
NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____

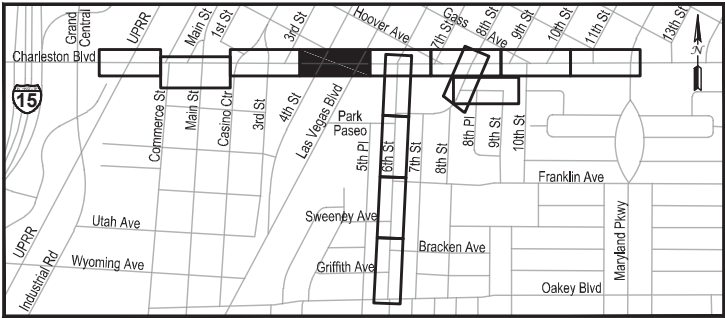
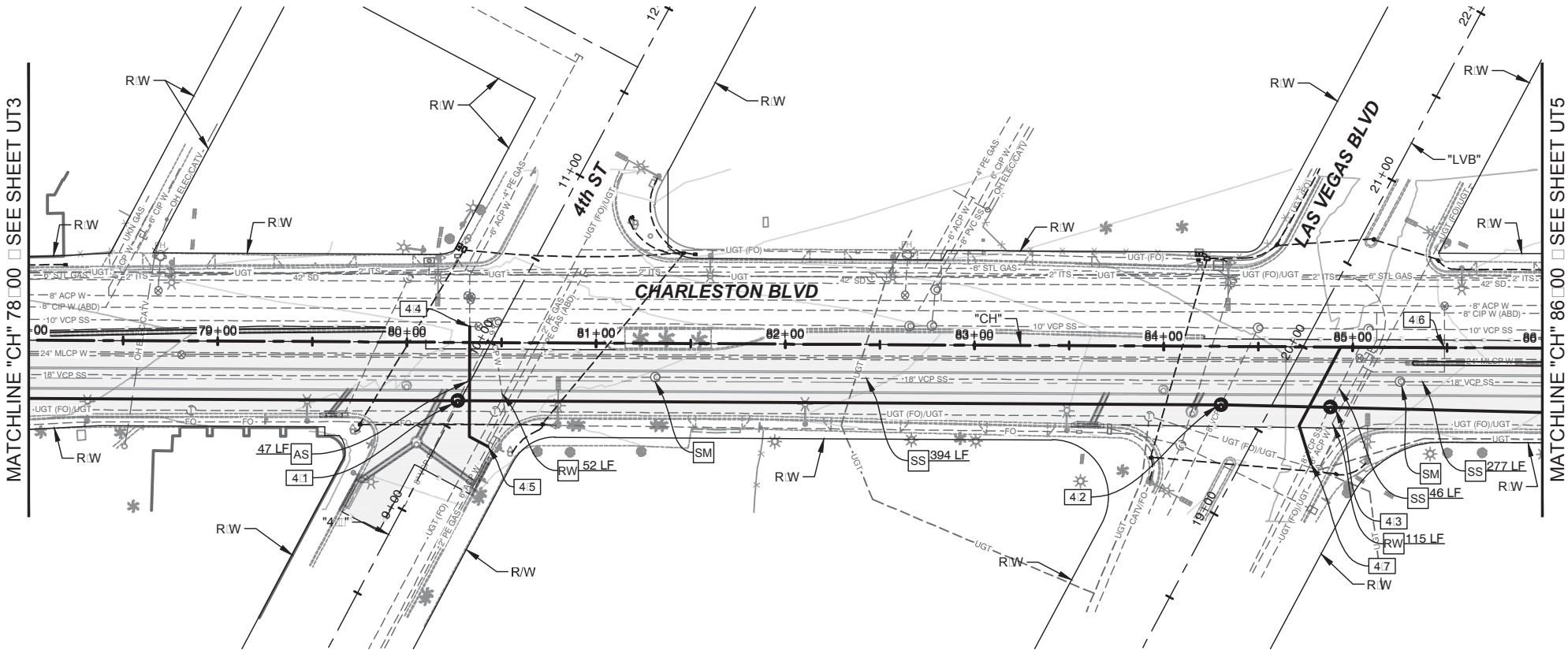


CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS

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

5	4	3	2	1	NO.	DATE	REVISIONS
PREPARED FOR CITY OF LAS VEGAS BID# H# 72212 DESIGNED BY: B. MAHAN DATE: April 2, 2019 DRAWN BY: G. SHEARER SUBMITTAL STAGE: 30% SUBMITTAL UTILITY PLAN "CH" 70+00 TO "CH" 78+00							
TITLE FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND SHEET							
30% SUBMITTAL NOT FOR CONSTRUCTION							
SHEET UT3 OF DRAWING NO. 107v7368							



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 4.1 "CH" 80+26.91, 30.83' RT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 403.61 L.F. 18" PVC SEWER
- 4.2 "CH" 84+30.52, 30.83' RT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 57.70 L.F. 18" PVC SEWER
- 4.3 "CH" 84+88.21, 31.88' RT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 285.11 L.F. 18" PVC SEWER
- 4.4 "CH" 80+33.17, 8.42' LT
BEGIN 6" WATERLINE RELOCATION
INSTALL 69.24 LF 6" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 4.5 "CH" 80+42.98, 54.88' RT
END 6" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE
- 4.6 "CH" 85+48.49, 0.00' LT
BEGIN 8" WATERLINE RELOCATION
INSTALL 122.94 LF 8" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 4.7 "CH" 84+78.16, 61.84' RT
END 8" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE

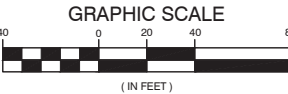
NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED FOR
CITY OF LAS VEGAS

DESIGNED BY: B. MAHAN
DRAWN BY: G. SHEARER
CHECKED BY: J. GRIEST

DATE: April 2, 2019
SUBMITTAL STAGE:
30% SUBMITTAL

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

UTILITY PLAN
"CH" 78+00 TO "CH" 86+00

**30% SUBMITTAL
NOT FOR
CONSTRUCTION**

UT4
OF
DRAWING NO.
107v7368

5

4

3

2

1

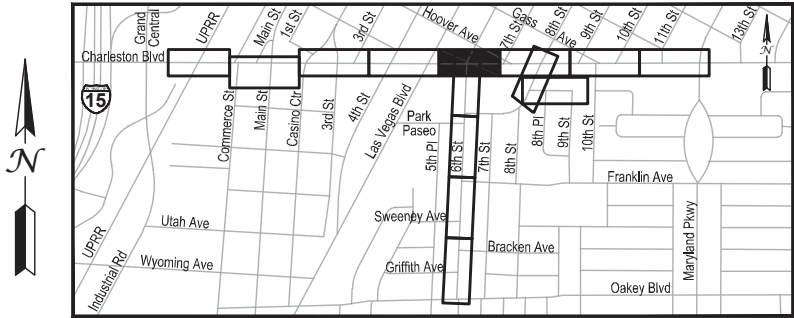
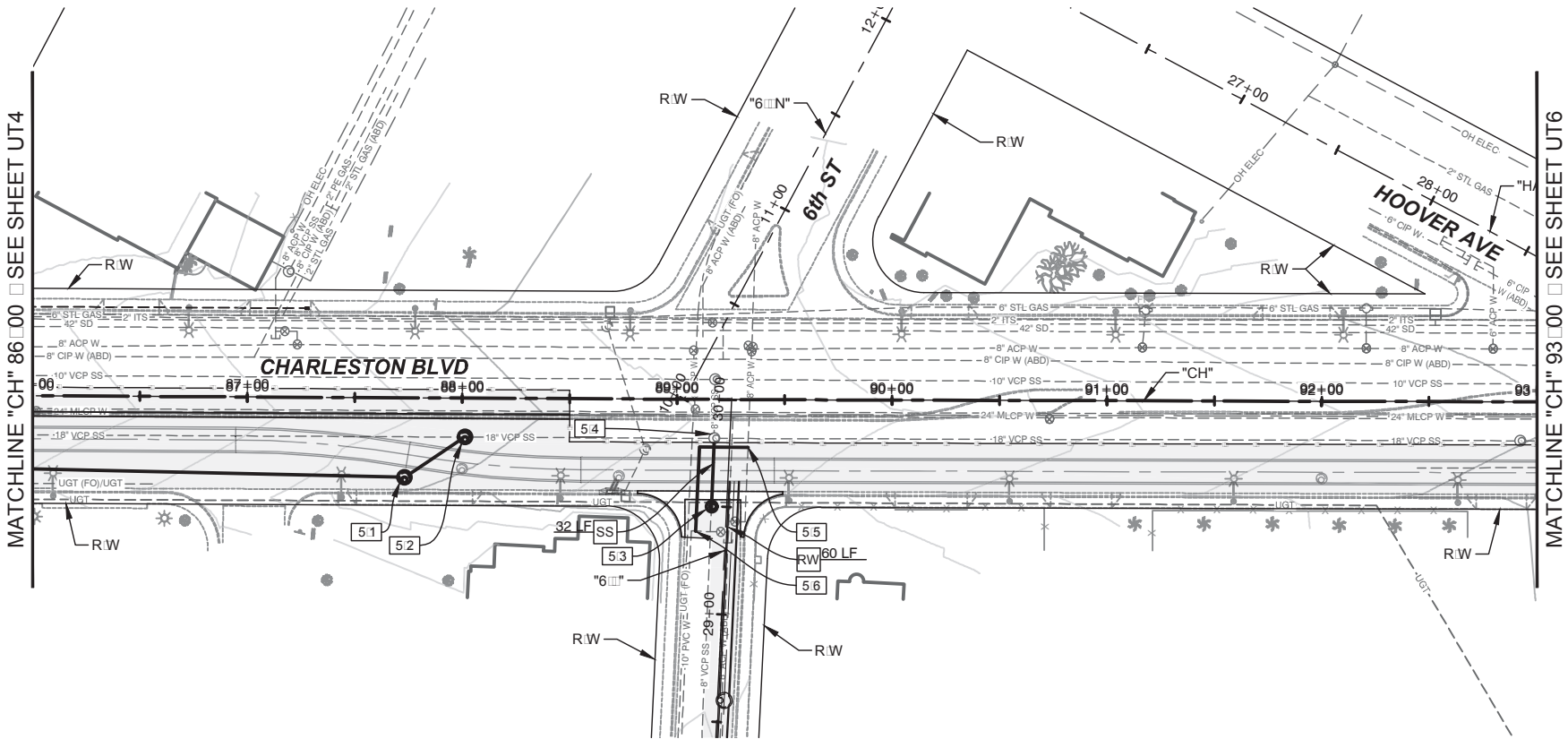
NO. DATE

REVISIONS

PREPARED BY:

JACOBS

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



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 5.1 "CH" 87+73.27, 37.03' RT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 33.72 L.F. 18" PVC SEWER
- 5.2 "CH" 88+01.22, 18.16' RT
END 18" SEWER RELOCATION
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
- 5.3 "CH" 89+16.22, 50.00' RT
BEGIN 8" SEWER RELOCATION
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 31.84 L.F. 8" PVC SEWER
- 5.4 "CH" 89+17.36, 18.16' RT
END 8" SEWER RELOCATION & CONNECT TO EXISTING MANHOLE
- 5.5 "CH" 80+33.17, 8.42' LT
BEGIN 8" WATERLINE RELOCATION
INSTALL 69.24 LF 8" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 5.6 "CH" 80+42.98, 54.88' RT
END 8" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE

NOTES:

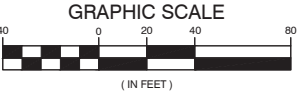
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929



PREPARED BY:
JACOBS

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

PREPARED FOR
CITY OF LAS VEGAS

BID#
H# 72212

DESIGNED BY: B. MAHAN
DATE: April 2, 2019

DRAWN BY: G. SHEARER
SUBMITTAL STAGE:
30% SUBMITTAL

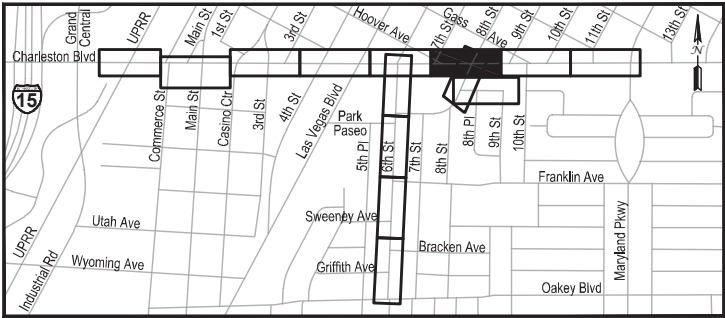
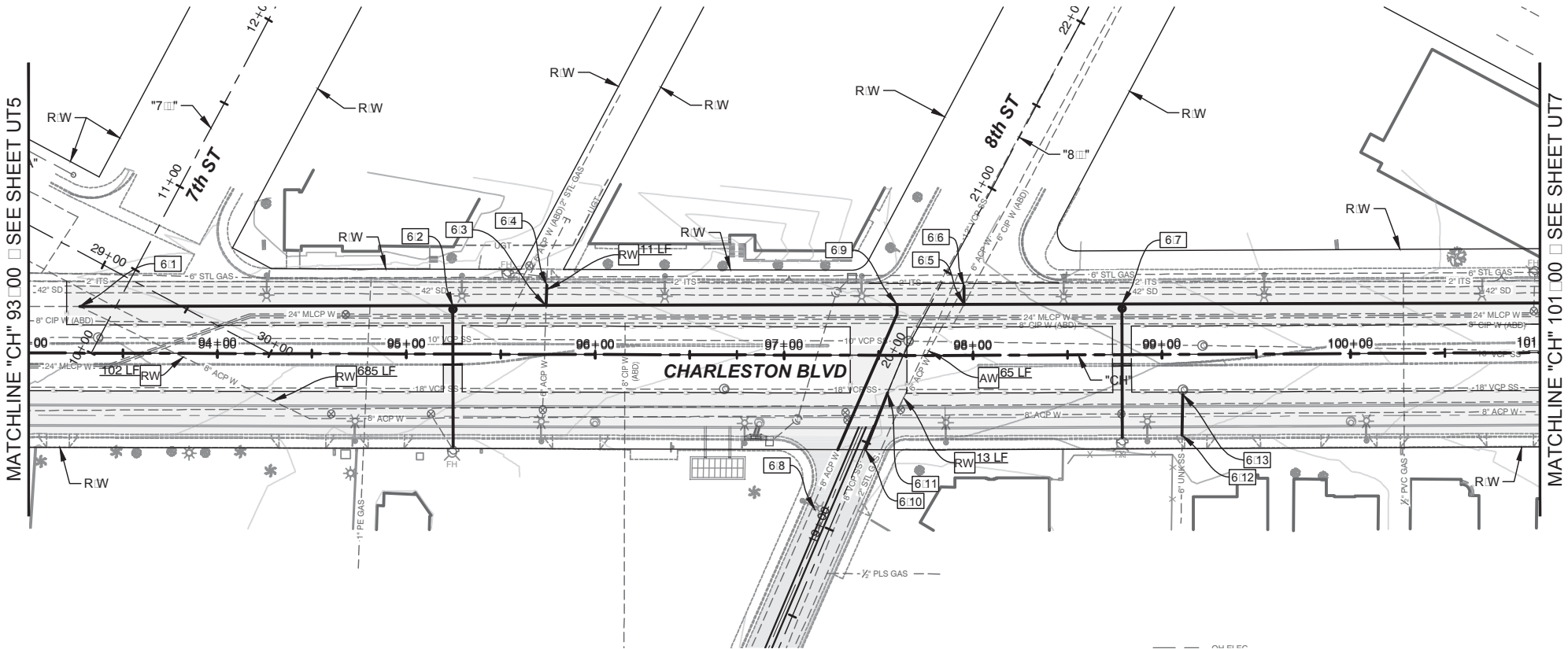
CHECKED BY: J. GRIEST

FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND

UTILITY PLAN
"CH" 86+00 TO "CH" 93+00

30% SUBMITTAL
NOT FOR
CONSTRUCTION

UT5
OF
DRAWING NO.
107v7368



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

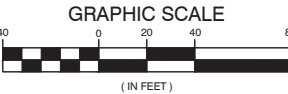
- A PROTECT IN PLACE
- 6.1 "CH" 93+27.07, 24.60' LT
BEGIN 8" WATERLINE RELOCATION - INSTALL 1,316.44 LF 8" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 6.2 "CH" 95+24.51, 25.62' LT
RELOCATE FIRE HYDRANT ASSEMBLY PER UDACS STD. PLATES. No. 39 & 40
- 6.3 "CH" 95+73.95, 25.87' LT
BEGIN 6" WATERLINE RELOCATION - INSTALL 10.68 LF 6" PVC WATERLINE
- 6.4 "CH" 95+74.27, 36.55' LT
END 6" WATERLINE RELOCATION - CONNECT TO EXISTING WATERLINE
- 6.5 "CH" 97+95.43, 26.94' LT
BEGIN 6" WATERLINE RELOCATION - INSTALL 9.84 LF 6" PVC WATERLINE
- 6.6 "CH" 97+95.45, 36.78' LT
END 6" WATERLINE RELOCATION - CONNECT TO EXISTING WATERLINE
- 6.7 "CH" 98+79.00, 26.74' LT
RELOCATE FIRE HYDRANT ASSEMBLY PER UDACS STD. PLATES. No. 39 & 40
- 6.8 "CH" 97+28.65, 50.00' RT
BEGIN 8" WATERLINE RELOCATION - INSTALL 92.28 LF 8" PVC WATERLINE
- 6.9 "CH" 97+59.72, 26.83' LT
END 8" WATERLINE RELOCATION - CONNECT TO RELOCATED 8" WATERLINE
- 6.10 "CH" 97+43.16, 50.00' RT
BEGIN 8" SEWER RELOCATION - INSTALL 32.25 LF 8" PVC SEWER
CONNECT TO EXISTING SEWER
- 6.11 "CH" 97+55.00, 20.00' RT
END 8" SEWER RELOCATION - CONNECT TO EXISTING 8" SEWER
- 6.12 "CH" 99+10.58, 42.75' RT
BEGIN 6" SEWER RELOCATION - INSTALL 21.43 LF 6" PVC SEWER
CONNECT TO EXISTING SEWER
- 6.13 "CH" 99+10.96, 21.32' RT
END 6" SEWER RELOCATION - CONNECT TO EXISTING 6" SEWER

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE SUPPORTS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL. IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE. SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY: JACOBS

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

5	4	3	2	1	NO.	DATE

PREPARED FOR

CITY OF LAS VEGAS

BID#

H# 72212

DESIGNED BY: B. MAHAN

DATE: April 2, 2019

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

UTILITY PLAN

"CH" 95+00 TO "CH" 102+00

30% SUBMITTAL

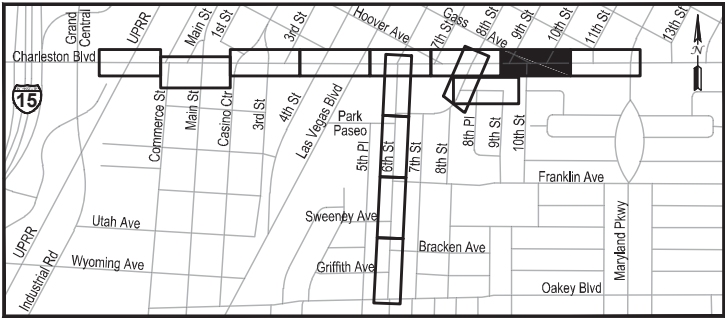
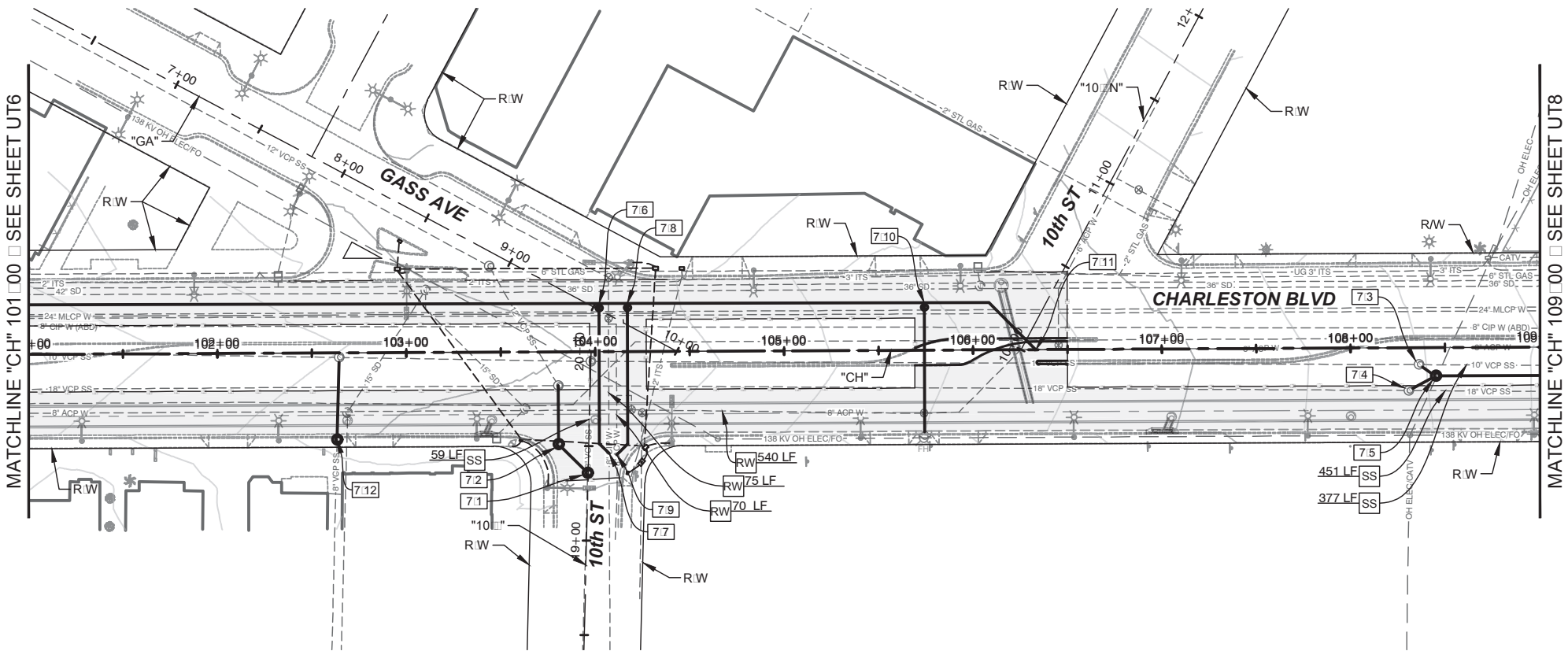
NOT FOR CONSTRUCTION

SHEET

UT6

OF

DRAWING NO. 107v7368



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

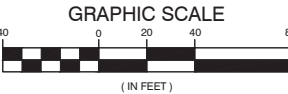
- A PROTECT IN PLACE
- 7.1 "CH" 103+95.69, 64.20' RT
BEGIN 8" SEWER RELOCATION
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 21.73 L.F. 8" PVC SEWER
- 7.2 "CH" 103+80.32, 48.83' RT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 30.92 L.F. 8" PVC SEWER & CONNECT TO EXISTING MANHOLE
- 7.3 "CH" 108+36.74, 8.96' RT
BEGIN 10" SEWER RELOCATION
CONNECT TO EXISTING MANHOLE & INSTALL 10.79 L.F. 10" PVC SEWER
- 7.4 "CH" 108+31.28, 22.56' RT
BEGIN 18" SEWER RELOCATION
CONNECT TO EXISTING MANHOLE & INSTALL 16.26 L.F. 18" PVC SEWER
- 7.5 "CH" 108+45.00, 15.00' RT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 235.00 L.F. 18" PVC SEWER
- 7.6 "CH" 104+02.06, 25.49' LT
BEGIN 8" WATERLINE RELOCATION - INSTALL 81.39 LF 8" PVC WATERLINE
- 7.7 "CH" 104+07.08, 53.83' RT
END 8" WATERLINE RELOCATION & CONNECT TO EXISTING WATERLINE
- 7.8 "CH" 104+17.06, 25.46' LT
BEGIN 8" WATERLINE RELOCATION - INSTALL 81.39 LF 8" PVC WATERLINE
- 7.9 "CH" 104+11.24, 54.68' RT
END 8" WATERLINE RELOCATION & CONNECT TO EXISTING WATERLINE
- 7.10 "CH" 105+74.36, 25.08' RT
RELOCATE FIRE HYDRANT ASSEMBLY PER UDACS STD. PLATES. No. 39 & 40
- 7.11 "CH" 106+33.27, 0.00' RT
END 8" WATERLINE RELOCATION & CONNECT TO EXISTING WATERLINE
- 7.12 "CH" 102+63.08, 45.92' RT
CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B
INSTALL 45.55 L.F. 8" PVC SEWER & CONNECT TO EXISTING MANHOLE

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINES WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL. IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE. SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

5

4

3

2

1

NO. DATE

REVISIONS

PREPARED BY:

JACOBS

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

PREPARED FOR

CITY OF LAS VEGAS

BID#

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

H# 72212

DATE: April 2, 2019

SUBMITTAL STAGE:

30% SUBMITTAL

TITLE

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET

UTILITY PLAN

"CH" 10100 TO "CH" 10900

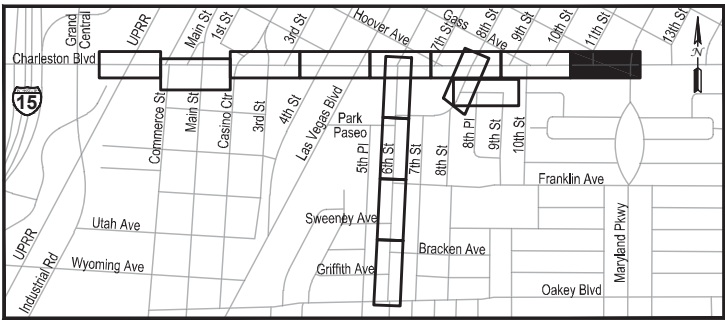
30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET

UT7

OF

DRAWING NO.
107v7368



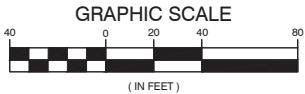
AREA OF PAVEMENT REPLACEMENT

AS	ABANDON EXISTING SANITARY SEWER
SM	REMOVE EXISTING SANITARY SEWER MANHOLE
SS	REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
AW	ABANDON EXISTING WATERLINE
RW	REMOVE EXISTING WATERLINE (SIZE VARIES)

A	PROTECT IN PLACE
81	"CH" 110+80.00, 15.00' RT CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B INSTALL 28.77 L.F. 18" PVC SEWER
82	"CH" 111+00.68, 18.16' RT CONSTRUCT MANHOLE PER DCSWCS STD. DWG. No. SD-1A & SD-1B INSTALL 181.43 L.F. 18" PVC SEWER
83	"CH" 112+82.67, 28.42' RT END 18" SEWER RELOCATION & CONNECT TO EXISTING MANHOLE
84	"CH" 110+01.39, 0.00' RT RELOCATE FIRE HYDRANT ASSEMBLY PER UDACS STD. PLATES. No. 39 & 40

1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
2. CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
3. ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE SHALL BE SUPPORTED DURING EXCAVATION AND BACKFILL. IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE. SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAN 14 DAYS MAXIMUM.



CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

JACOBS

PREPARED FOR	
CITY OF LAS VEGAS	
H# 72212	BID#
DATE: April 2, 2019	DESIGNED BY: B. MAHAN
SUBMITTAL STAGE:	DRAWN BY: G. SHEARER
30% SUBMITTAL	CHECKED BY: J. GRIEST

TITLE
FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND

UTILITY PLAN

"CH" 10900 TO "CH" 11700

TITLE

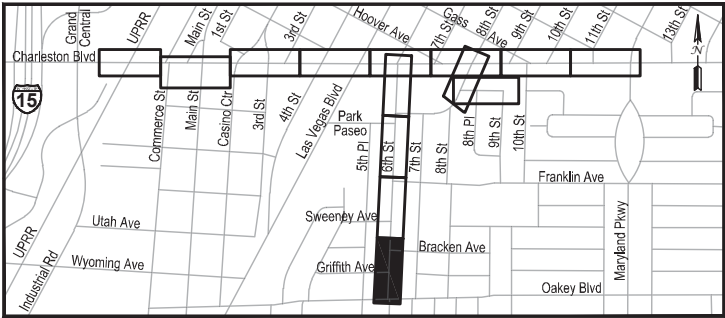
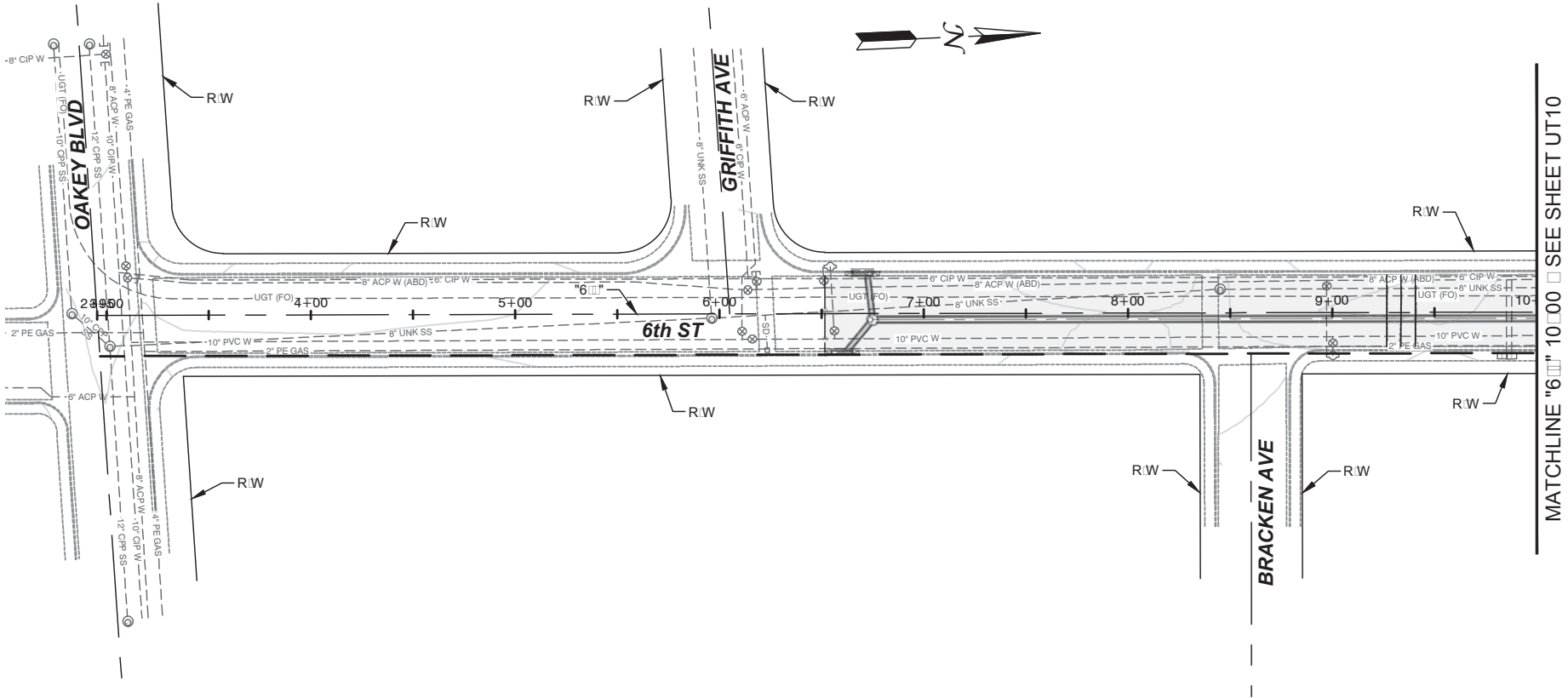
**30% SUBMITTAL
NOT FOR
CONSTRUCTION**

SHEET

UT8

DRAWING NO.
107v7368

5			
4			
3			
2			
1			
NO.	DATE	REVISIONS	



LEGEND

[Hatched Box] AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- [AS] ABANDON EXISTING SANITARY SEWER
- [SM] REMOVE EXISTING SANITARY SEWER MANHOLE
- [SS] REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- [AW] ABANDON EXISTING WATERLINE
- [RW] REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

- [A] PROTECT IN PLACE

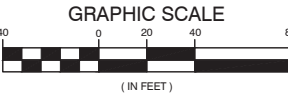
NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED FOR

CITY OF LAS VEGAS

H# 72212

DATE: April 2, 2019

SUBMITTAL STAGE:

30% SUBMITTAL

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

FLAMINGO BOULDER HIGHWAY NORTH

CHARLESTON - MAIN TO MARYLAND

UTILITY PLAN

"6" 295 TO "6" 1000

30% SUBMITTAL

NOT FOR

CONSTRUCTION

UT9

OF

DRAWING NO. 107v7368

NO. 1

DATE

REVISIONS

5

4

3

2

1

NO. 1

DATE

REVISIONS

PREPARED BY:

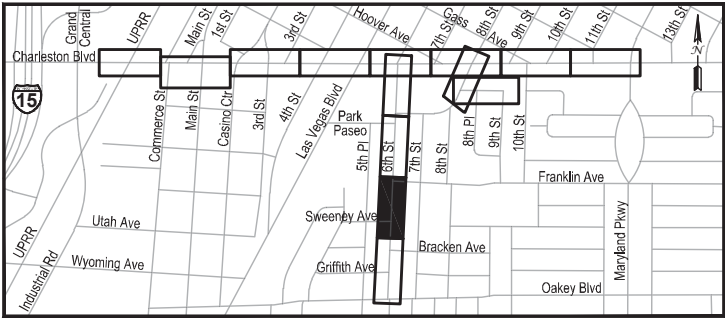
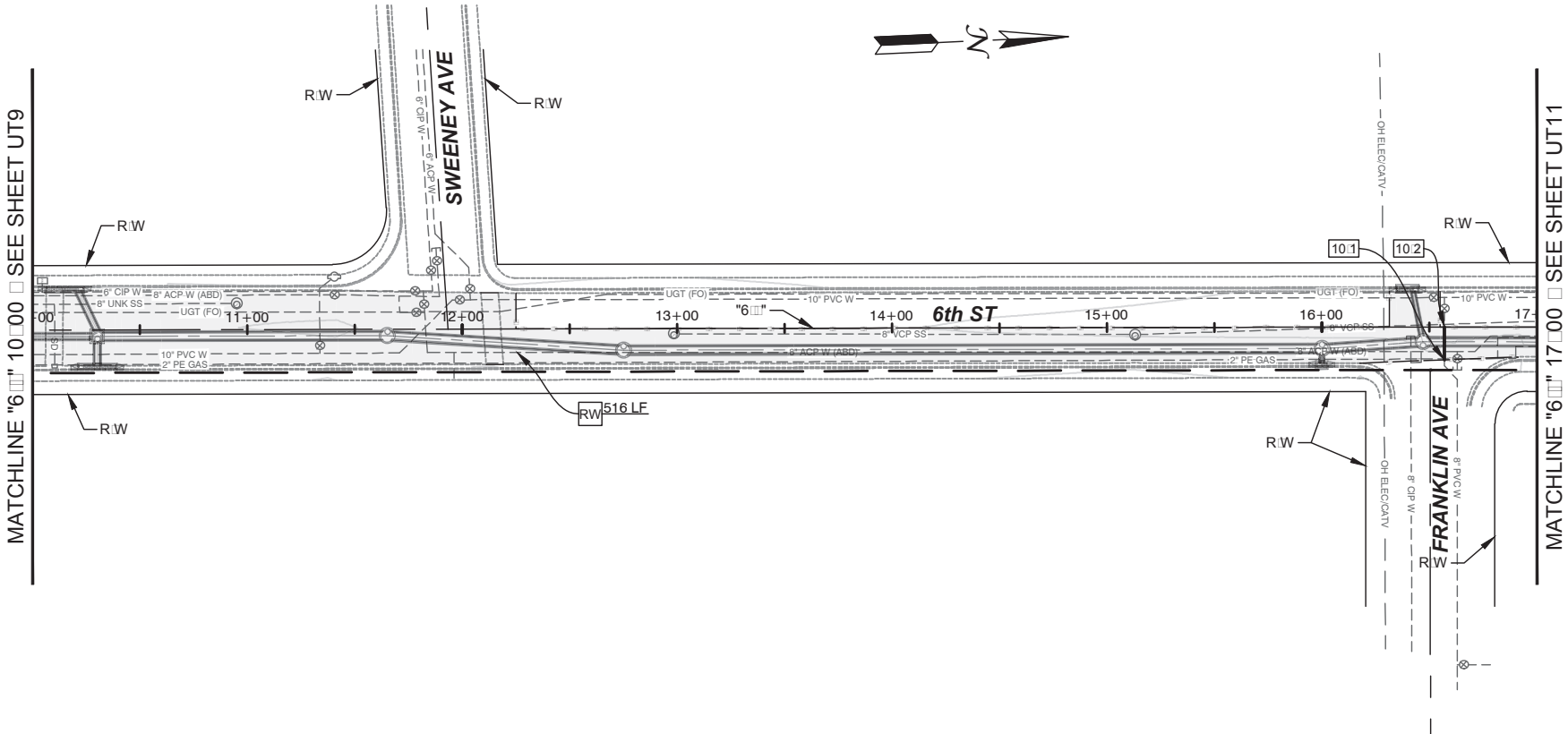
JACOBS

2485 VILLAGE VIEW DRIVE, SUITE 350

HENDERSON, NEVADA 89074

PHONE: 702-369-6175

FAX: 702-369-1107



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 10.1 "6th" 16+57.11, 15.32' LT
BEGIN 8" WATERLINE RELOCATION
INSTALL 15.32 LF 8" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 10.2 "6th" 16+57.11, 0.00' LT
END 8" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE

NOTES:

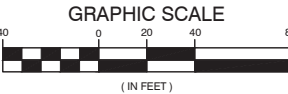
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929



PREPARED FOR

CITY OF LAS VEGAS

H# 72212

DATE: April 2, 2019

SUBMITTAL STAGE:

30% SUBMITTAL

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

UTILITY PLAN

"6" 10+00 TO "6" 17+00

30% SUBMITTAL

NOT FOR CONSTRUCTION

UT10

OF

DRAWING NO. 107v7368

JACOBS

2485 VILLAGE VIEW DRIVE, SUITE 350

HENDERSON, NEVADA 89074

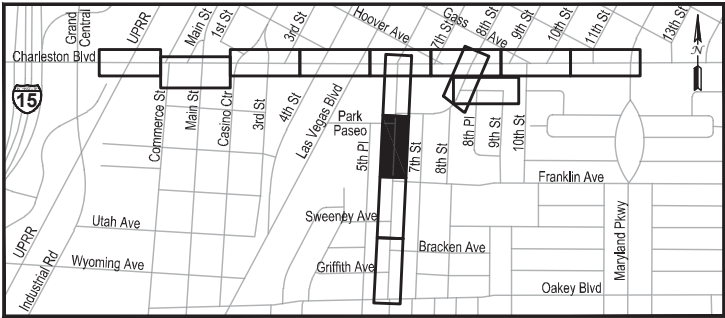
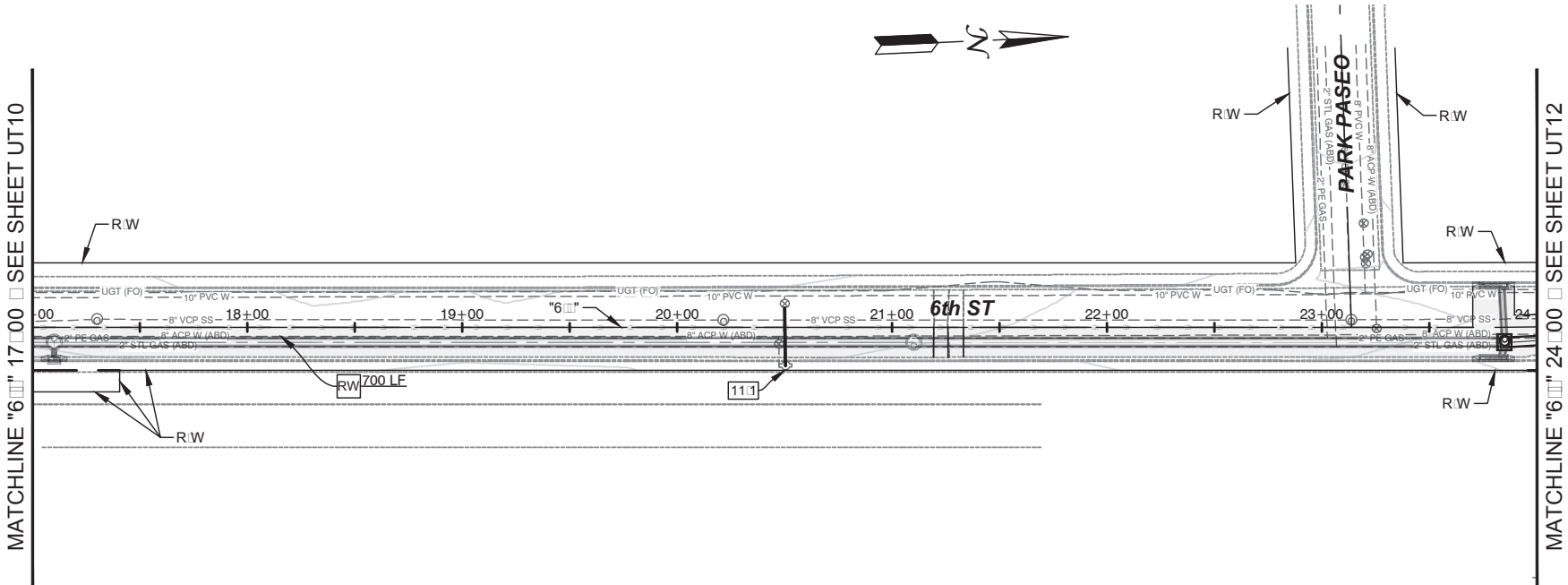
PHONE: 702-369-6175

FAX: 702-369-1107

NO. DATE

1

REVISIONS



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 11.1 "6th" 20+50.47, 17.84' RT
RELOCATE FIRE HYDRANT ASSEMBLY PER UDACS STD. PLATES. No. 39 & 40

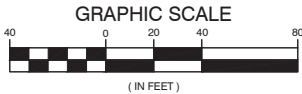
NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

5
4
3
2
1
NO. | DATE
REVISIONS

PREPARED FOR
CITY OF LAS VEGAS
H# 72212

DATE: April 2, 2019
SUBMITTAL STAGE:
30% SUBMITTAL

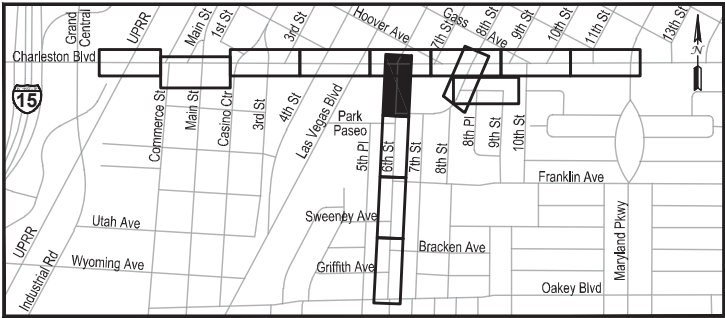
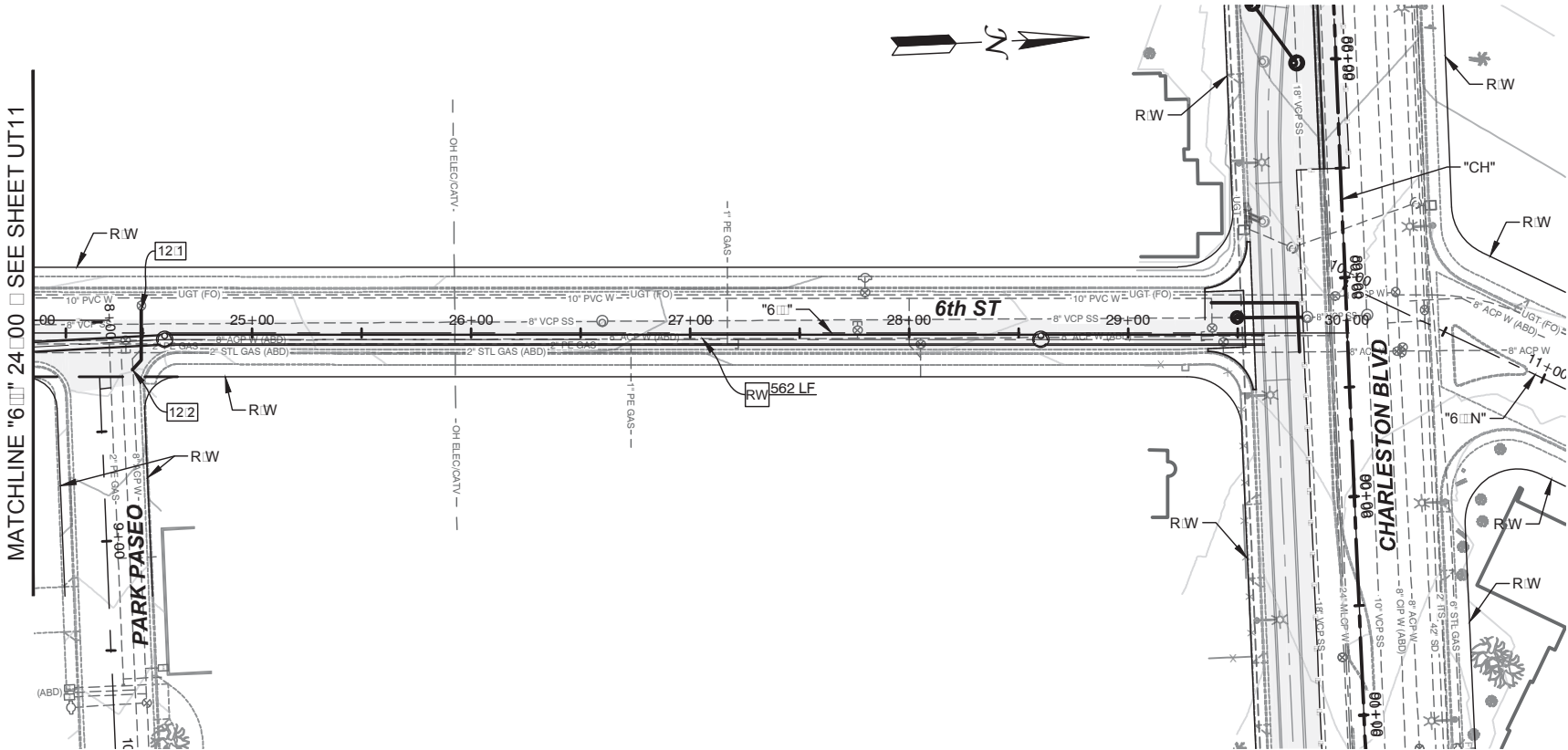
BID#
DESIGNED BY: B. MAHAN
DRAWN BY: G. SHEARER
CHECKED BY: J. GRIEST

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**
SHEET

UTILITY PLAN
"6" 17+00 TO "6" 24+00

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET
UT11
OF
DRAWING NO.
107v7368



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

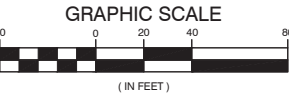
- A PROTECT IN PLACE
- 12.1 "6th" 24+49.24, 10.60' LT
BEGIN 8" WATERLINE RELOCATION
INSTALL 28.83 LF 8" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 12.2 "6th" 24+45.32, 16.73' RT
END 8" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE

- NOTES:
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
 - CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
 - ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

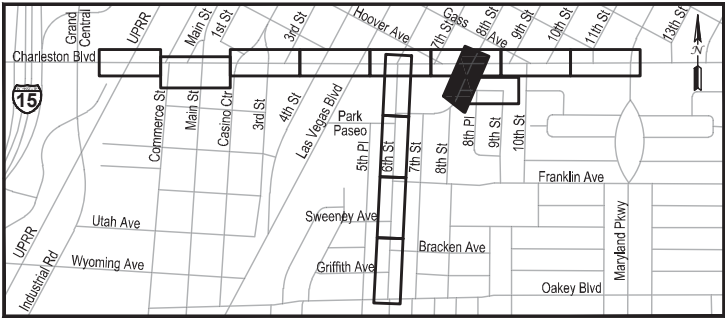
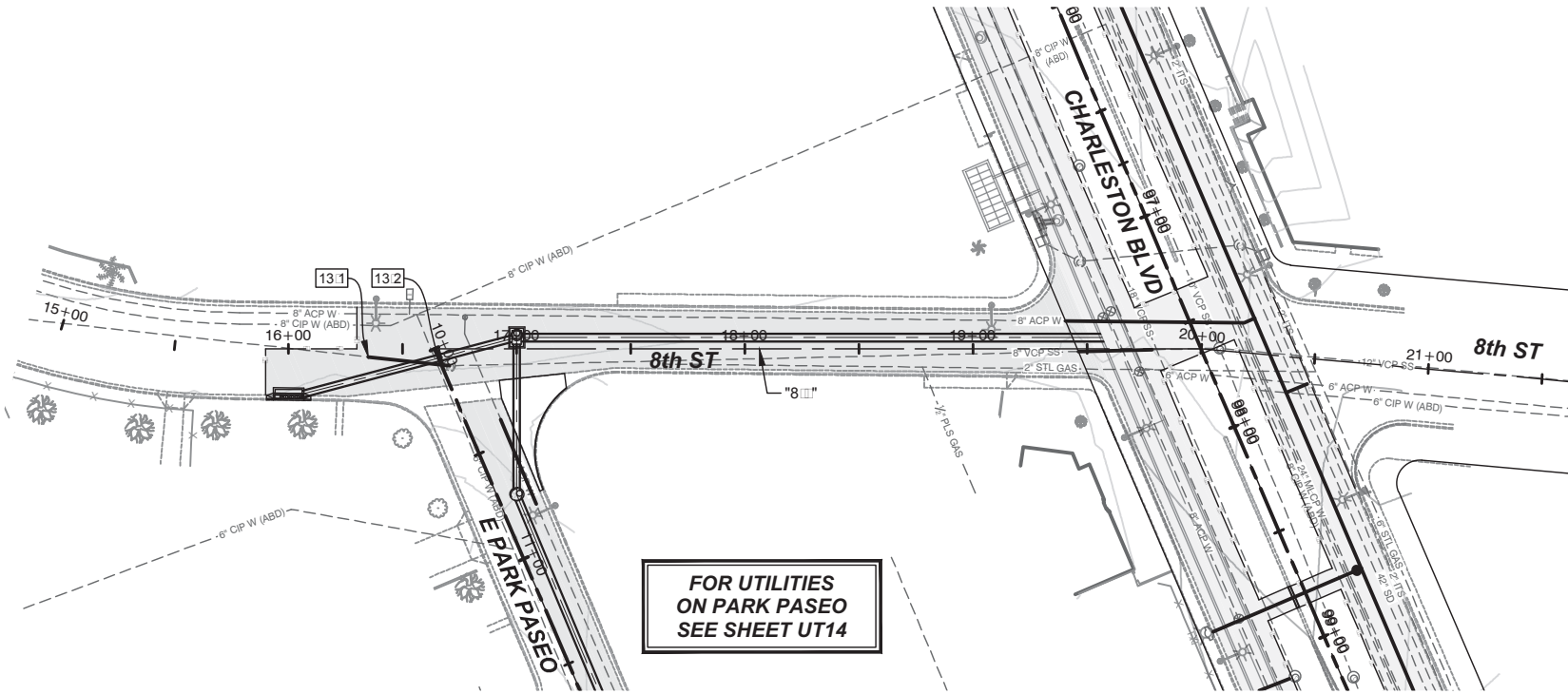
CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED FOR	CITY OF LAS VEGAS	H# 72212	DESIGNED BY: B. MAHAN	DRAWN BY: G. SHEARER	CHECKED BY: J. GRIEST	NO.	DATE	REVISIONS
TITLE		FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND		UTILITY PLAN		"6" 24+00 TO "6" 30+00		
SHEET						30% SUBMITTAL		
30% SUBMITTAL NOT FOR CONSTRUCTION		UT12						
OF		DRAWING NO. 107v7368						



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 13.1 "8th" 16+35.00, 3.54' RT
BEGIN 8" SEWER RELOCATION
CONNECT TO EXISTING 8" SEWER
INSTALL 35.80 L.F. 8" PVC SEWER
- 13.2 "8th" 16+70.59, 7.43' RT
END 8" SEWER RELOCATION
CONNECT TO EXISTING SEWER MANHOLE

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
- CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

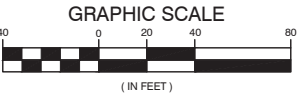
CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services

Project No. _____ First Approved Date _____

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929



PREPARED BY:

JACOBS

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

PREPARED FOR

CITY OF LAS VEGAS

H# 72212

DATE: April 2, 2019

SUBMITTAL STAGE:

30% SUBMITTAL

BID#

DESIGNED BY: B. MAHAN

DRAWN BY: G. SHEARER

CHECKED BY: J. GRIEST

TITLE

FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND

SHEET

UTILITY PLAN

"8" 15 TO "8" 21

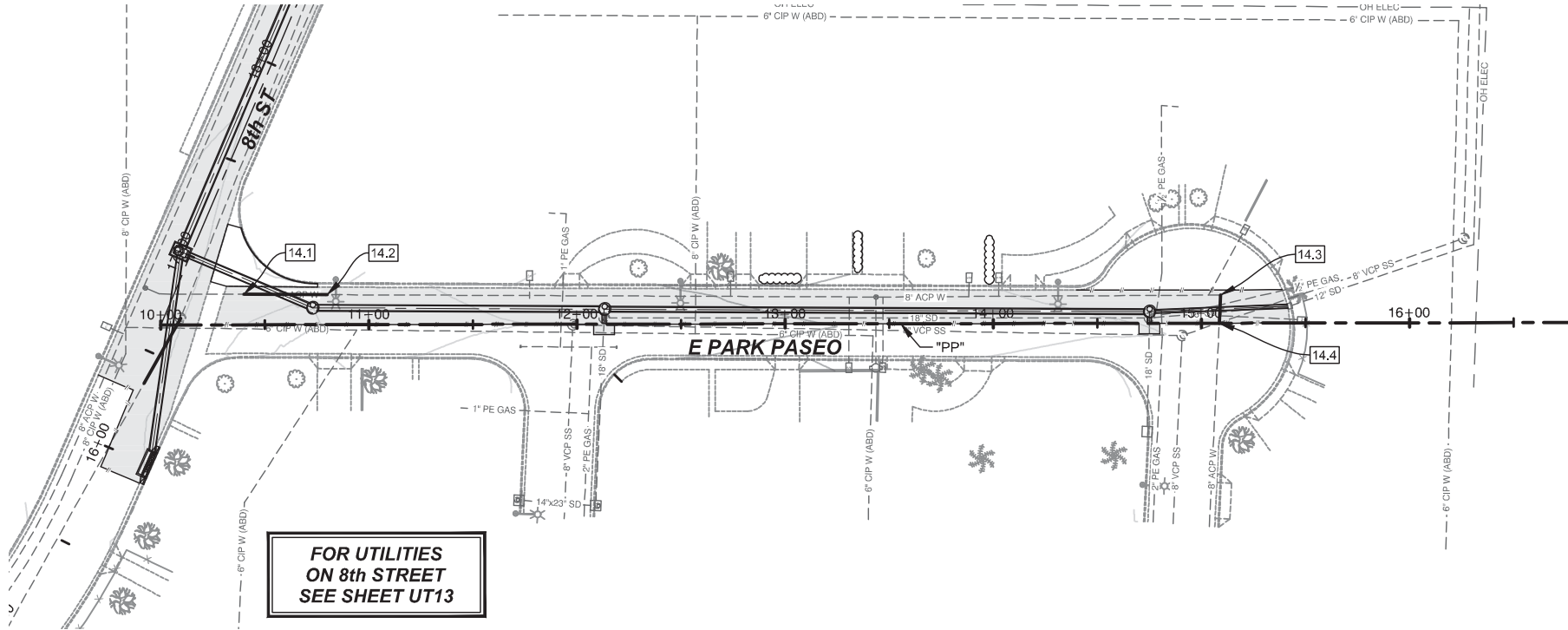
30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET

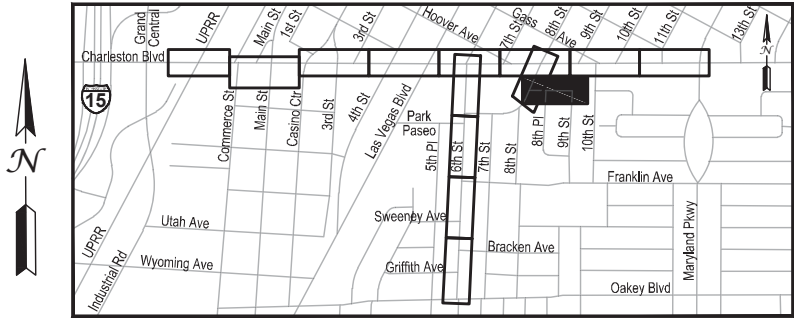
UT13

OF

DRAWING NO.
107v7368



FOR UTILITIES
ON 8th STREET
SEE SHEET UT13



LEGEND

AREA OF PAVEMENT REPLACEMENT

UTILITY REMOVAL NOTES

- AS ABANDON EXISTING SANITARY SEWER
- SM REMOVE EXISTING SANITARY SEWER MANHOLE
- SS REMOVE EXISTING SANITARY SEWER PIPE (SIZE VARIES)
- AW ABANDON EXISTING WATERLINE
- RW REMOVE EXISTING WATERLINE (SIZE VARIES)

UTILITY CONSTRUCTION NOTES

- A PROTECT IN PLACE
- 14.1 "PP" 10+40.00, 14.62' LT
BEGIN 8" WATERLINE RELOCATION
INSTALL 40.00 LF 8" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 14.2 "PP" 10+80.00, 14.38' LT
END 8" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE
- 14.3 "PP" 15+09.30, 13.50' LT
BEGIN 8" WATERLINE RELOCATION
INSTALL 13.52 LF 8" PVC WATERLINE
CONNECT TO EXISTING WATERLINE
- 14.4 "PP" 15+08.62, 0.00' LT
END 8" WATERLINE RELOCATION
CONNECT TO EXISTING WATERLINE

- NOTES:**
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA LATEST EDITION AS ADOPTED BY CLARK COUNTY
 - CONTRACTOR SHALL FIELD VERIFY ALL HORIZONTAL VERTICAL LOCATIONS OF EXISTING UTILITIES AND STORM DRAIN FACILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
 - ALL EXISTING UTILITIES, STORM DRAIN INFRASTRUCTURE, SIDEWALK, CURB, GUTTER AND STRUCTURES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

FOR TRENCHES SIX (6) FEET WIDE AND GREATER - DISTRIBUTION:

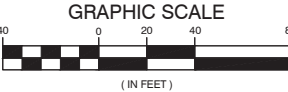
CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE IS WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAT 14 DAYS MAXIMUM

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services

Project No. _____ First Approved Date _____

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929



PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR
CITY OF LAS VEGAS
H# 72212

DESIGNED BY: B. MAHAN
DATE: April 2, 2019

DRAWN BY: G. SHEARER
SUBMITTAL STAGE: 30% SUBMITTAL

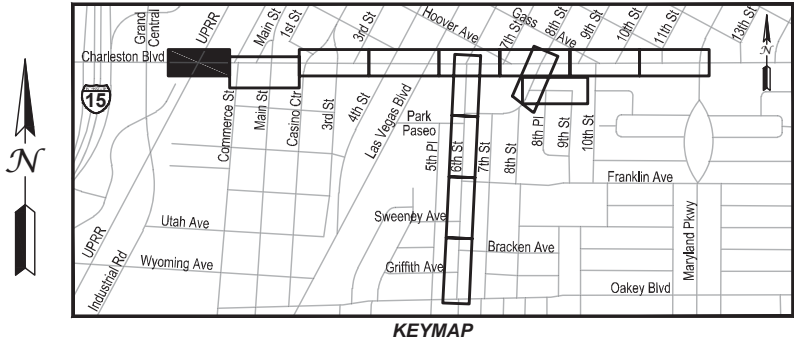
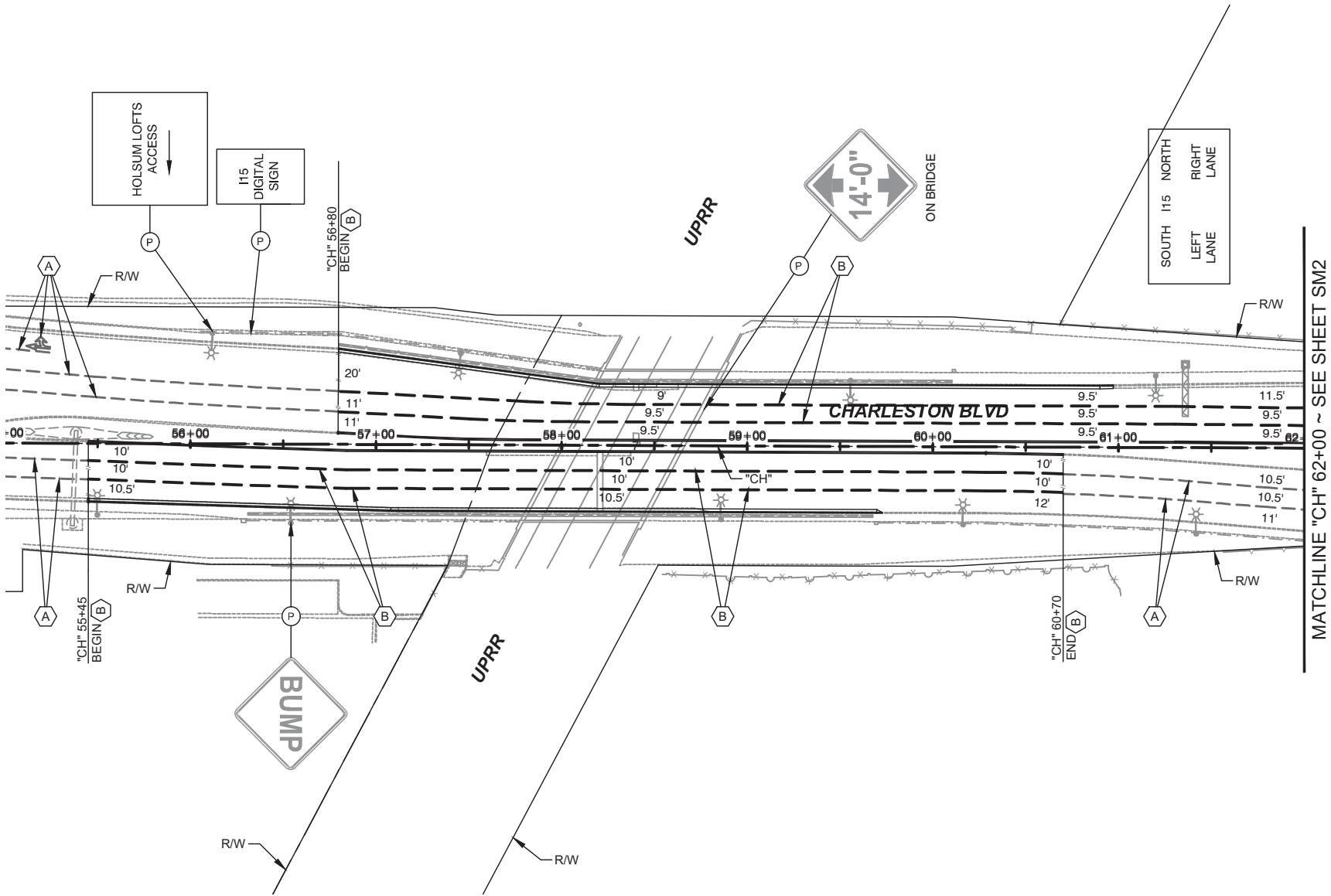
CHECKED BY: J. GRIEST

FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND

UTILITY PLAN
EAST PARK PASEO

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET
UT14
OF
DRAWING NO.
107v7368



SIGNING REMOVAL LEGEND

- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

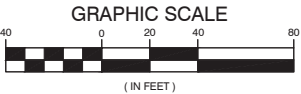
STRIPING LEGEND

- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
(B) INSTALL TYPE 4 LANE LINE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 244.1

NOTES:

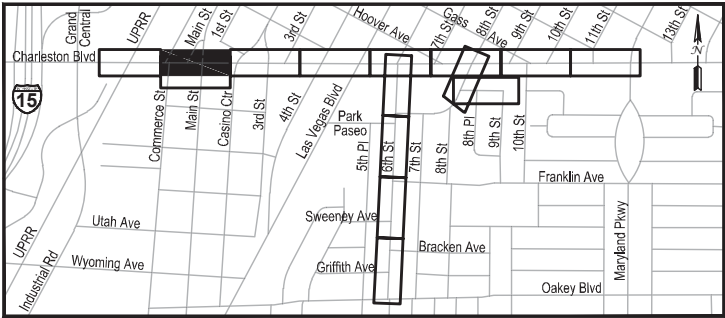
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
- CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

5	4	3	2	1	NO.	DATE	REVISIONS							
PREPARED BY: JACOBS														
2485 VILLAGE VIEW DRIVE, SUITE 350 HENDERSON, NEVADA 89074 PHONE: 702-369-6175 FAX: 702-369-1107														
PREPARED FOR		CITY OF LAS VEGAS		DESIGNED BY: B. MAHAN		DRAWN BY: G. SHEARER								
H# 72212		DATE: April 2, 2019		SUBMITTAL STAGE:		CHECKED BY: J. GRIEST								
TITLE		FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND		SHEET		SIGNING & STRIPING PLAN "CH" 55+00 TO "CH" 62+00								
30% SUBMITTAL NOT FOR CONSTRUCTION		DRAWING NO.		SM1		OF								
		107v7368												



SIGNING REMOVAL LEGEND

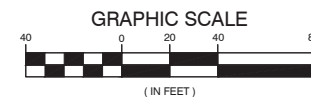
- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
- (B) INSTALL TYPE 4 LANE LINE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 244.1
- (C) INSTALL STORAGE LANE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 246
- (D) INSTALL "ARROW" LEGEND USING TYPE II PAVEMENT MARKING FILM
- (E) INSTALL 24" WIDE STOP BAR USING TYPE II PAVEMENT MARKING FILM
- (F) INSTALL 24" WIDE CROSSWALK MARKINGS USING TYPE II PAVEMENT MARKING FILM PER USDCCA STD. DWG. No. 254
- (J) INSTALL TYPE 4 LANE LINE DELINEATION PER USDCCA STD. DWG. No. 244.1 (POLYUREA WHITE PAINT)
- (K) INSTALL STORAGE LANE DELINEATION PER USDCCA STD. DWG. No. 246 WITH 8" LINE (POLYUREA WHITE LINE)
- (L) INSTALL 6" WIDE SOLID WHITE LINE (POLYUREA WHITE PAINT)
- (M) INSTALL 6" WIDE SOLID WHITE LINE DELINEATION PER USDCCA STD. DWG. No. 244.5 AND/OR USDCCA STD. DWG. No. 244.9 (WHITE FLINT/ENNIS THERMOPLASTIC OR APPROVED EQUAL)
- (N) INSTALL 4" BIKE LANE BUFFER LINE (POLYUREA WHITE PAINT)
- (O) INSTALL 4" HASH MARK AT 50' SPACING (WATERBORNE PAINT WHITE)
- (P) INSTALL GREEN BIKE LANE (MATERIAL TO BE DETERMINED)
- (Q) INSTALL ARROW/BIKE LEGEND (MATERIAL TO BE DETERMINED)

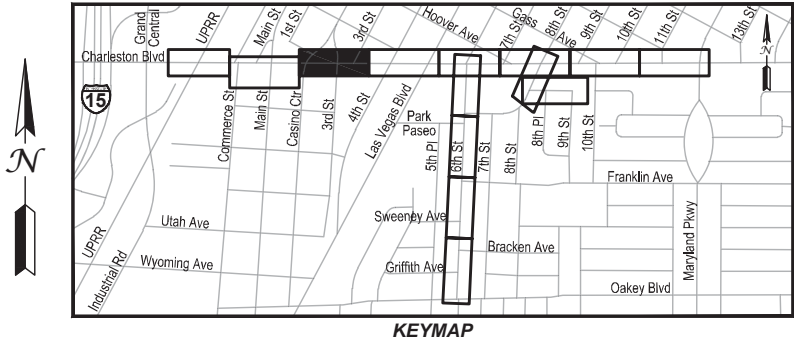
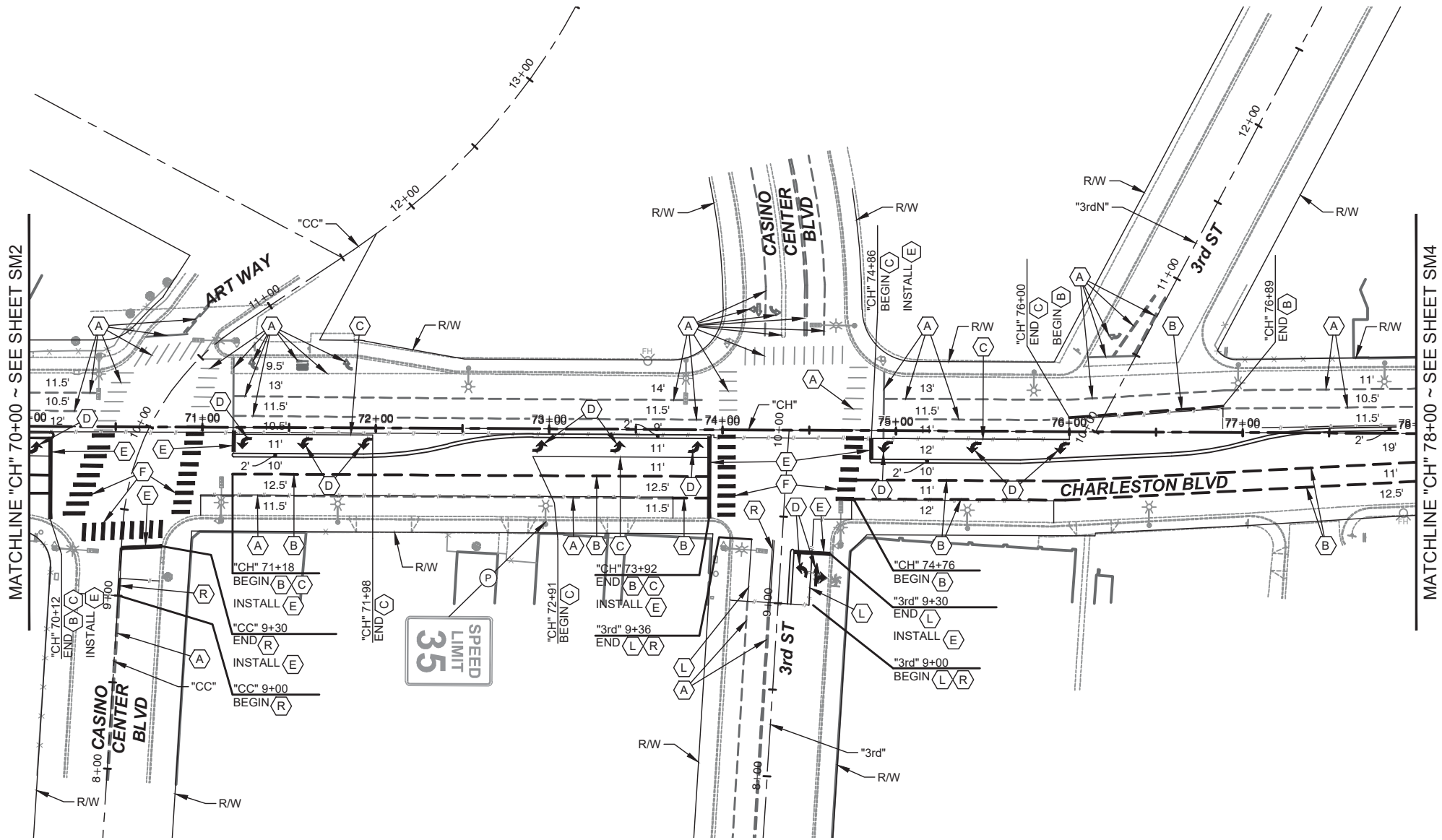
NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
- CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.



CALL BEFORE CONSTRUCTION			
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600	
	F.A.S.T.	702-432-5300	
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511	
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611	
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929	

TITLE FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND		SHEET SIGNING & STRIPING PLAN "CH" 62+00 TO "CH" 70+00		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		30% SUBMITTAL NOT FOR CONSTRUCTION		SHEET		OF		DRAWING NO. 107V7368	
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
						SHEET		OF			
30% SUBMITTAL NOT FOR CONSTRUCTION											



SIGNING REMOVAL LEGEND

- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
- (B) INSTALL TYPE 4 LANE LINE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 244.1
- (C) INSTALL STORAGE LANE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 246
- (D) INSTALL "ARROW" LEGEND USING TYPE II PAVEMENT MARKING FILM
- (E) INSTALL 24" WIDE STOP BAR USING TYPE II PAVEMENT MARKING FILM
- (F) INSTALL 24" WIDE CROSSWALK MARKINGS USING TYPE II PAVEMENT MARKING FILM PER USDCCA STD. DWG. No. 254
- (L) INSTALL 6" WIDE SOLID WHITE LINE (POLYUREA WHITE PAINT)
- (R) INSTALL TYPE 1 CENTERLINE DELINEATION USING POLYUREA YELLOW PAINT PER USDCCA STD. DWG. No. 244

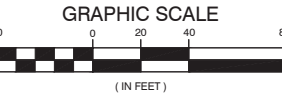
- NOTES:
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
 - ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
 - CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services

Project No. _____ First Approved Date _____

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929



PREPARED BY: JACOBS

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

5	4	3	2	1	NO.	DATE	REVISIONS

PREPARED FOR

CITY OF LAS VEGAS

H# 72212

DESIGNED BY: B. MAHAN

DATE: April 2, 2019

DRAWN BY: G. SHEARER

SUBMITTAL STAGE: 30% SUBMITTAL

CHECKED BY: J. GRIEST

TITLE

FLAMINGO BOULDER HIGHWAY NORTH

SHEET

CHARLESTON - MAIN TO MARYLAND

SIGNING & STRIPING PLAN

"CH" 70+00 TO "CH" 78+00

30% SUBMITTAL

NOT FOR

CONSTRUCTION

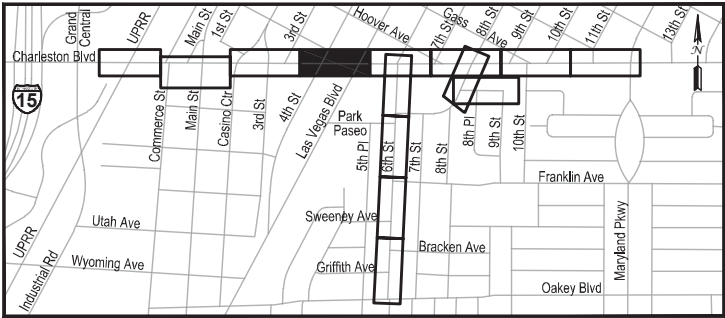
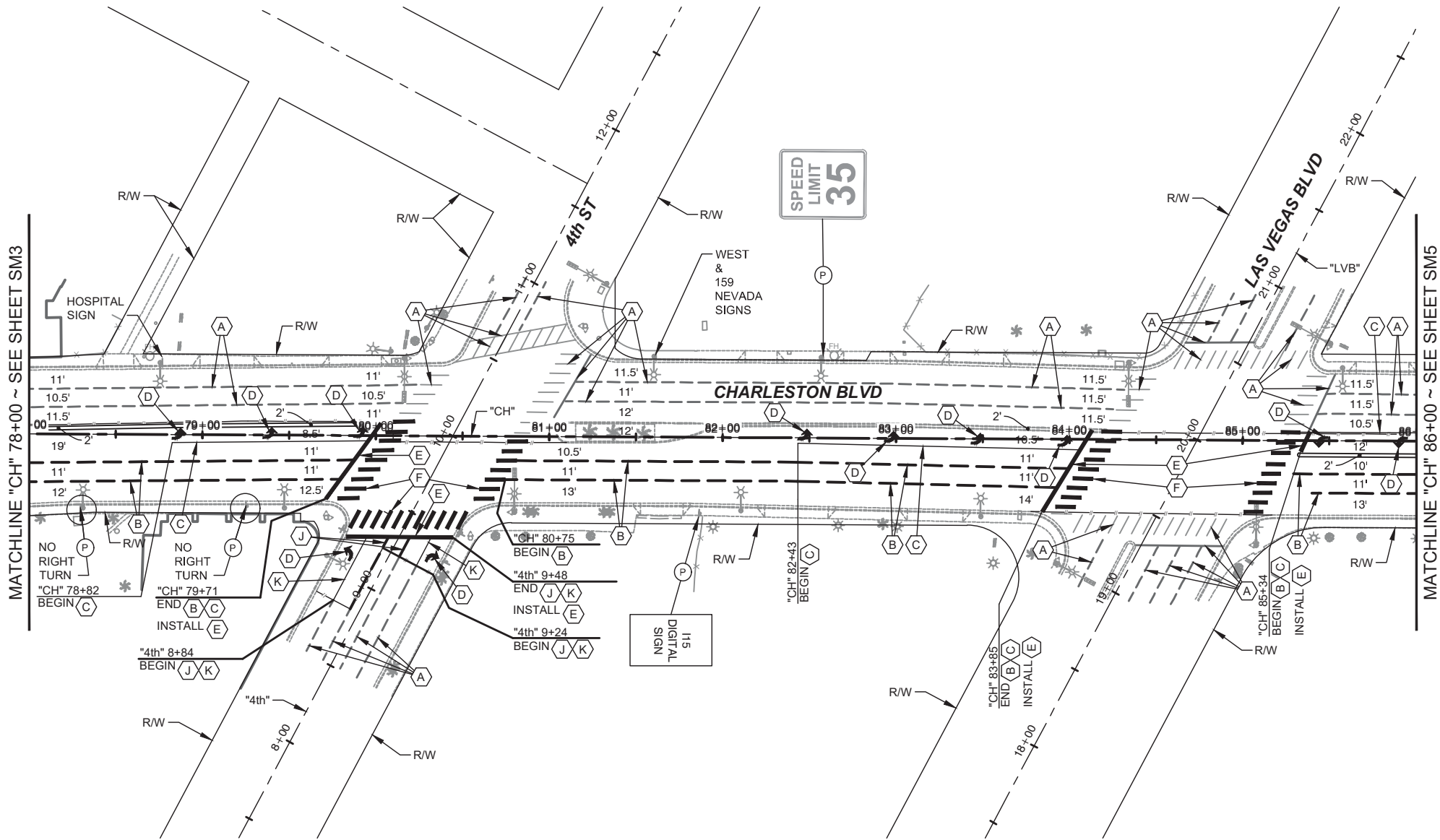
SHEET

SM3

OF

DRAWING NO.

107v7368



SIGNING REMOVAL LEGEND

- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

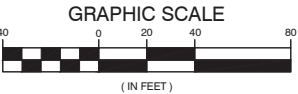
- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
(B) INSTALL TYPE 4 LANE LINE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 244.1
(C) INSTALL STORAGE LANE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 246
(D) INSTALL "ARROW" LEGEND USING TYPE II PAVEMENT MARKING FILM
(E) INSTALL 24" WIDE STOP BAR USING TYPE II PAVEMENT MARKING FILM
(F) INSTALL 24" WIDE CROSSWALK MARKINGS USING TYPE II PAVEMENT MARKING FILM PER USDCCA STD. DWG. No. 254
(J) INSTALL TYPE 4 LANE LINE DELINEATION PER USDCCA STD. DWG. No. 244.1 (POLYUREA WHITE PAINT)
(K) INSTALL STORAGE LANE DELINEATION PER USDCCA STD. DWG. No. 246 WITH 8" LINE (POLYUREA WHITE LINE)

NOTES:

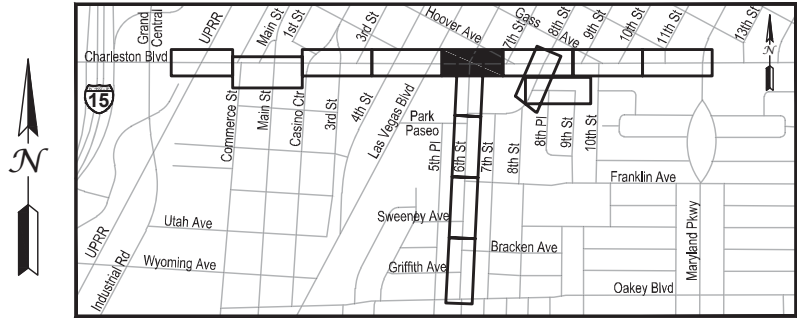
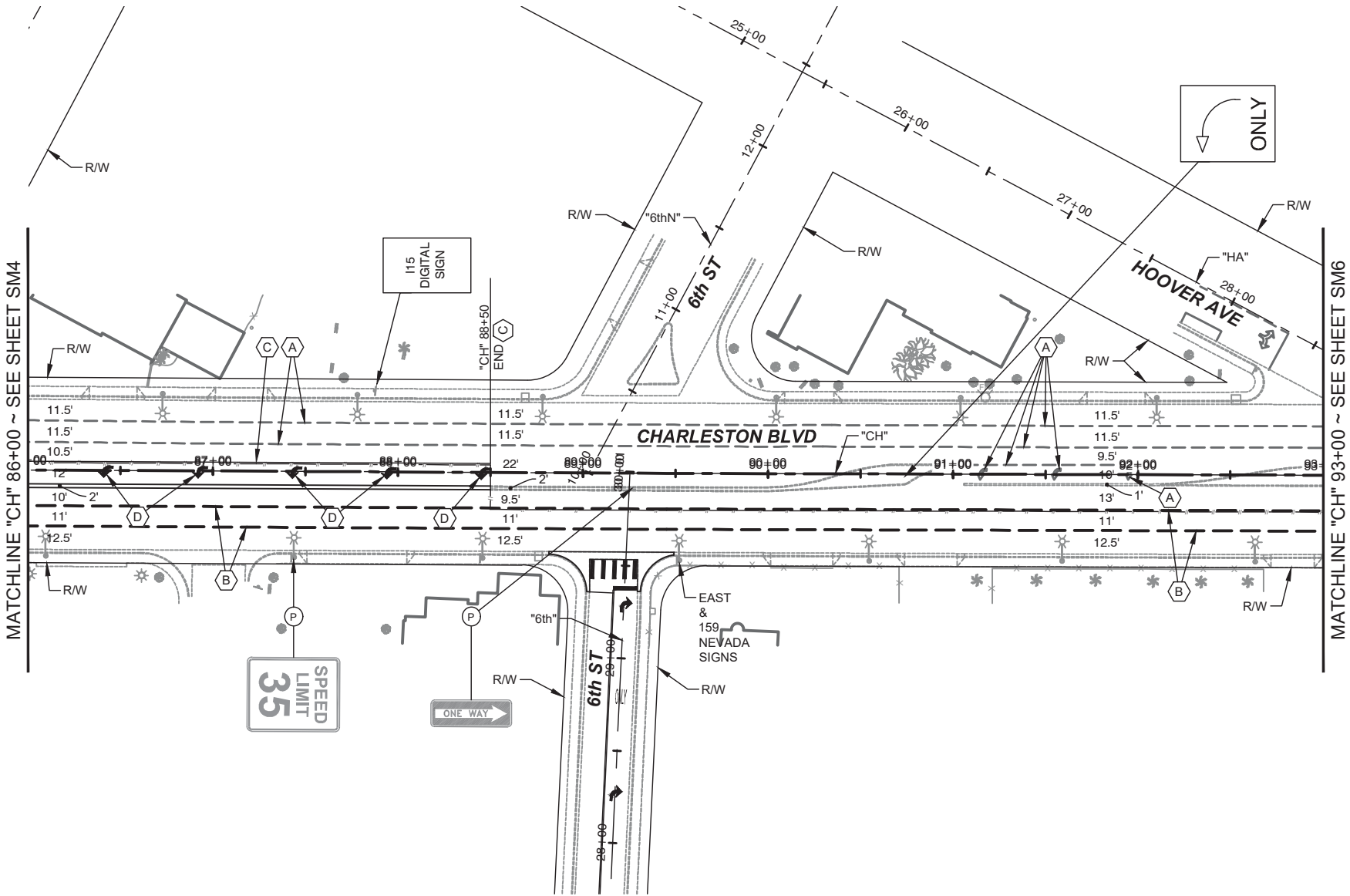
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
- CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	Project No. _____ First Approved Date _____

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929



PREPARED BY: JACOBS		2485 VILLAGE VIEW DRIVE, SUITE 350 HENDERSON, NEVADA 89074 PHONE: 702-369-6175 FAX: 702-369-1107					
5	4	3	2	1	NO.	DATE	REVISIONS
CITY OF LAS VEGAS							
PREPARED FOR		DESIGNED BY: B. MAHAN		DRAWN BY: G. SHEARER		CHECKED BY: J. GRIEST	
H# 72212		DATE: April 2, 2019		SUBMITTAL STAGE:		30% SUBMITTAL	
FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND							
SIGNING & STRIPING PLAN "CH" 78+00 TO "CH" 86+00							
30% SUBMITTAL NOT FOR CONSTRUCTION							
SHEET							
SM4							
OF							
DRAWING NO. 107v7368							



SIGNING REMOVAL LEGEND

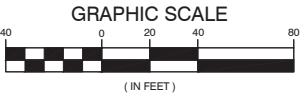
- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
(B) INSTALL TYPE 4 LANE LINE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 244.1
(C) INSTALL STORAGE LANE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 246
(D) INSTALL "ARROW" LEGEND USING TYPE II PAVEMENT MARKING FILM

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
- CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR:
CITY OF LAS VEGAS
H# 72212

DESIGNED BY: B. MAHAN
DATE: April 2, 2019

DRAWN BY: G. SHEARER
SUBMITTAL STAGE: 30% SUBMITTAL

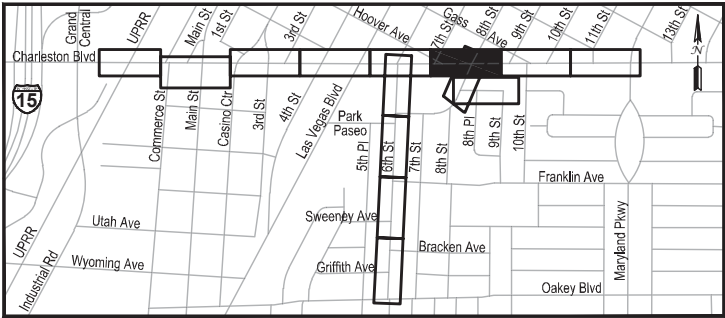
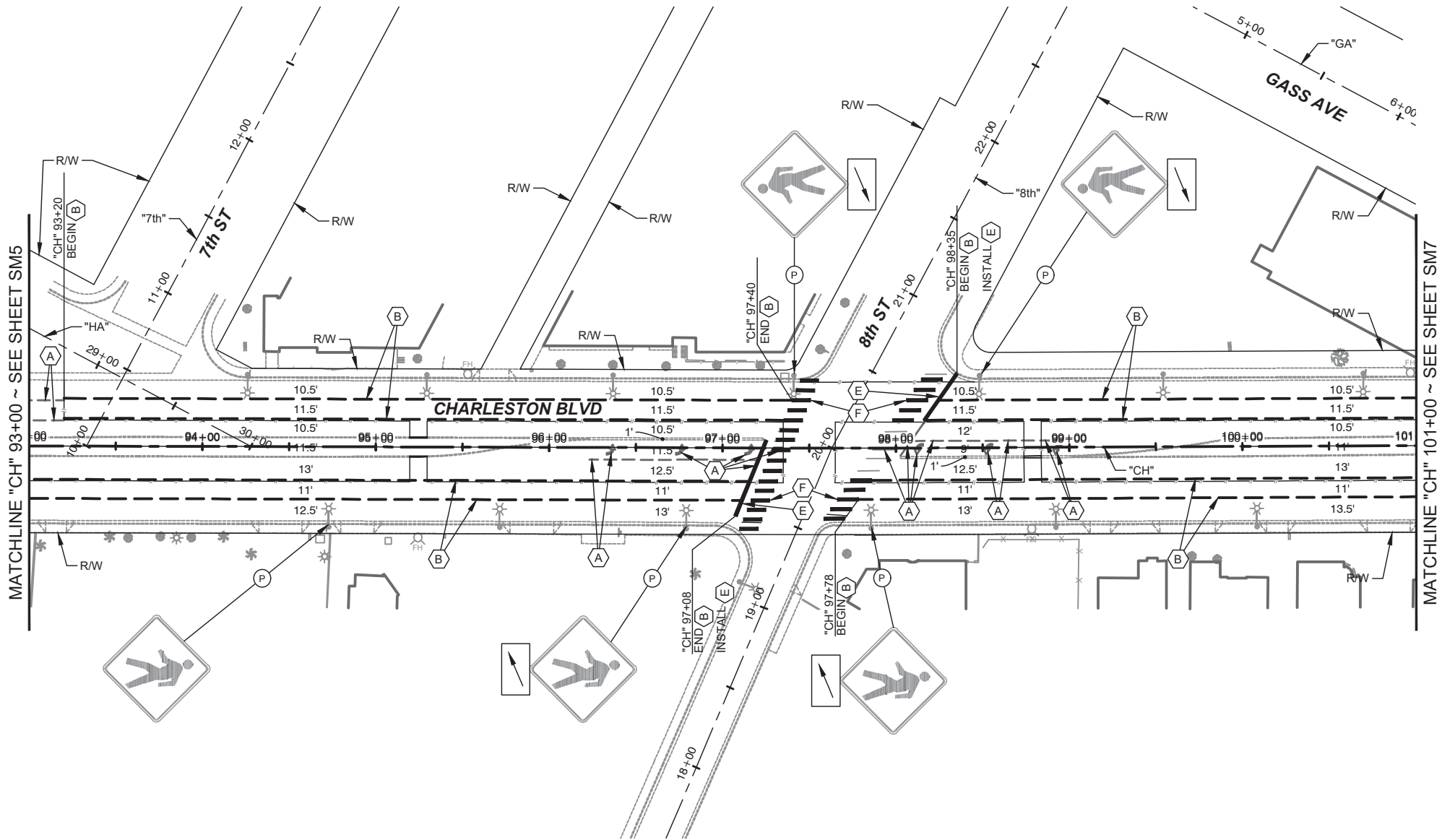
CHECKED BY: J. GRIEST

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
**SIGNING & STRIPING PLAN
"CH" 86+00 TO "CH" 93+00**

30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET
SM5
OF
DRAWING NO.
107v7368



SIGNING REMOVAL LEGEND

- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

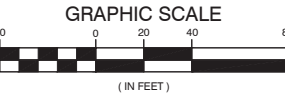
- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
(B) INSTALL TYPE 4 LANE LINE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 244.1
(E) INSTALL 24" WIDE STOP BAR USING TYPE II PAVEMENT MARKING FILM
(F) INSTALL 24" WIDE CROSSWALK MARKINGS USING TYPE II PAVEMENT MARKING FILM PER USDCCA STD. DWG. No. 254

NOTES:

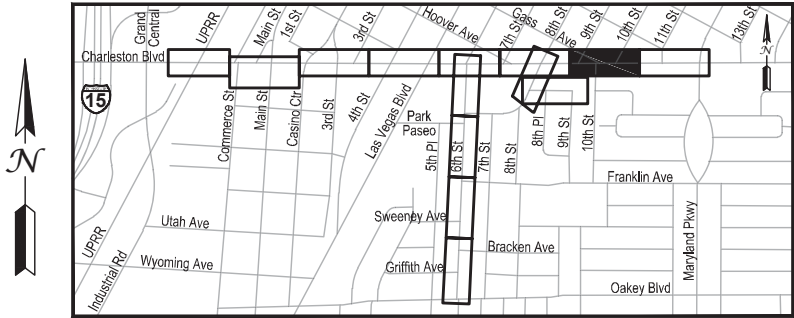
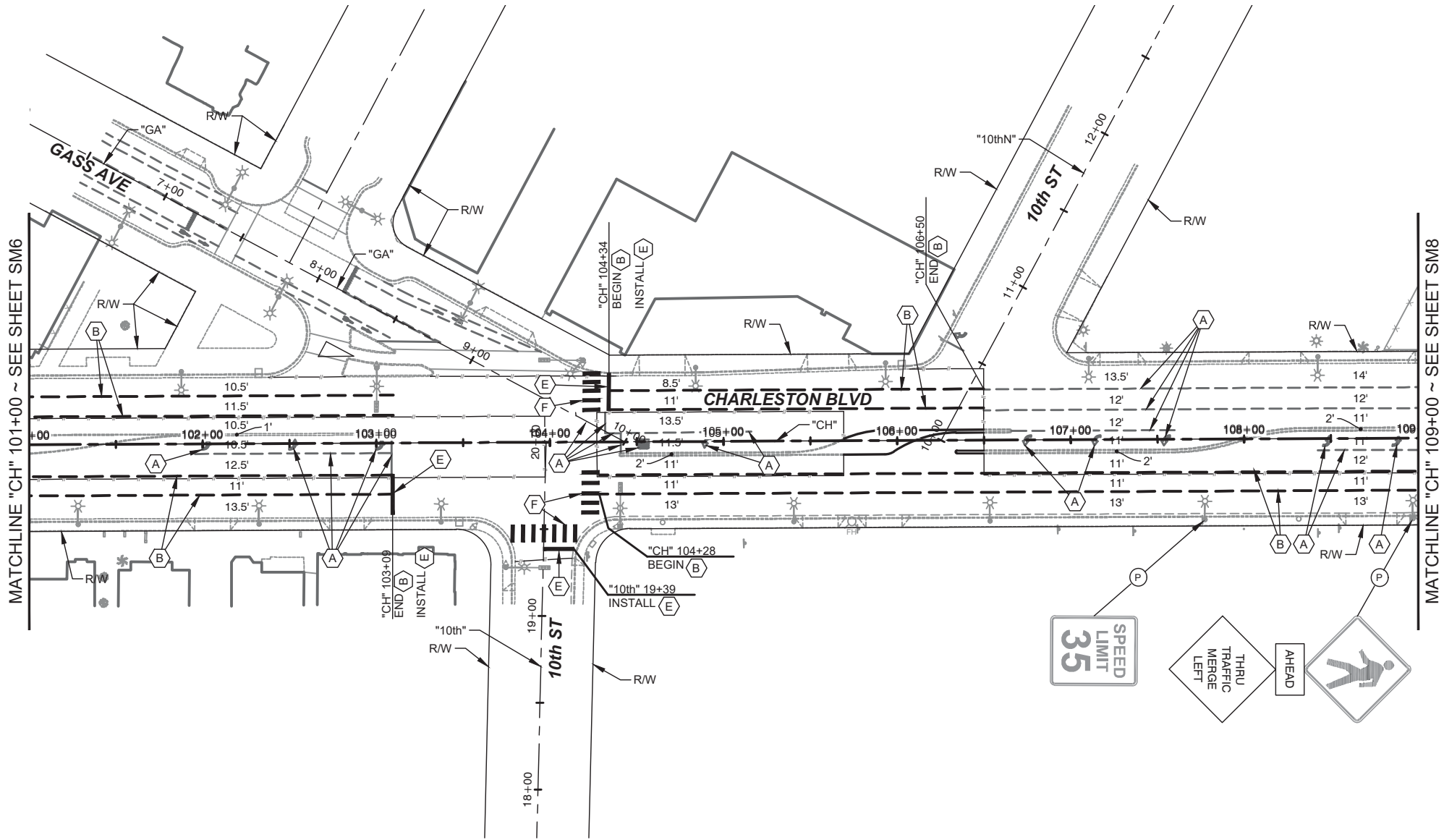
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
- CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	Project No. _____ First Approved Date _____

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929



PREPARED BY: JACOBS		2485 VILLAGE VIEW DRIVE, SUITE 350 HENDERSON, NEVADA 89074 PHONE: 702-369-6175 FAX: 702-369-1107	
PREPARED FOR	CITY OF LAS VEGAS	BID#	DESIGNED BY: B. MAHAN
H#	72212	DATE: April 2, 2019	DRAWN BY: G. SHEARER
SUBMITTAL STAGE:		CHECKED BY: J. GRIEST	
30% SUBMITTAL			
TITLE FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND			
SHEET SIGNING & STRIPING PLAN "CH" 93+00 TO "CH" 101+00			
30% SUBMITTAL NOT FOR CONSTRUCTION			
SHEET SM6 OF			
DRAWING NO. 107v7368			



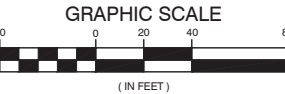
SIGNING REMOVAL LEGEND

- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

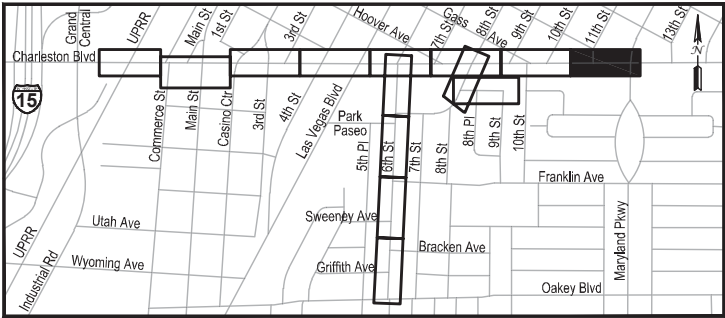
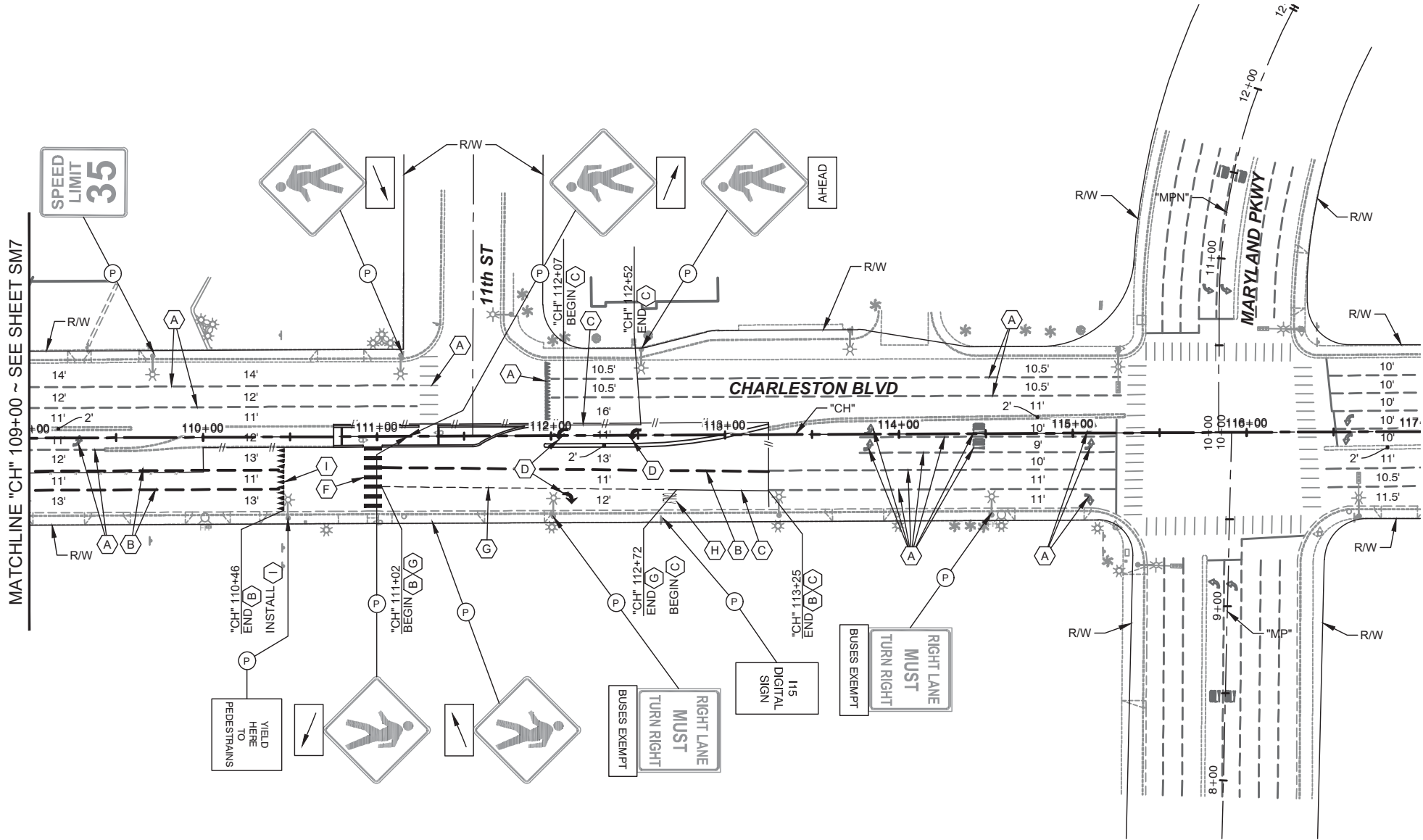
- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
(B) INSTALL TYPE 4 LANE LINE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 244.1
(E) INSTALL 24" WIDE STOP BAR USING TYPE II PAVEMENT MARKING FILM
(F) INSTALL 24" WIDE CROSSWALK MARKINGS USING TYPE II PAVEMENT MARKING FILM PER USDCCA STD. DWG. No. 254

- NOTES:**
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
 - ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
 - CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

5	4	3	2	1	NO.	DATE	REVISIONS												
PREPARED BY: JACOBS 2485 VILLAGE VIEW DRIVE, SUITE 350 HENDERSON, NEVADA 89074 PHONE: 702-369-6175 FAX: 702-369-1107																			
PREPARED FOR		CITY OF LAS VEGAS		BID#		DESIGNED BY: B. MAHAN													
H# 72212		DATE: April 2, 2019		SUBMITTAL STAGE:		DRAWN BY: G. SHEARER													
30% SUBMITTAL		CHECKED BY: J. GRIEST																	
TITLE																			
FLAMINGO BOULDER HIGHWAY NORTH																			
CHARLESTON - MAIN TO MARYLAND																			
SHEET																			
SIGNING & STRIPING PLAN																			
"CH" 101+00 TO "CH" 109+00																			
30% SUBMITTAL NOT FOR CONSTRUCTION																			
SHEET																			
SM7																			
OF																			
DRAWING NO. 107v7368																			



SIGNING REMOVAL LEGEND

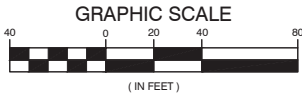
- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
(B) INSTALL TYPE 4 LANE LINE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 244.1
(C) INSTALL STORAGE LANE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 246
(D) INSTALL "ARROW" LEGEND USING TYPE II PAVEMENT MARKING FILM
(E) INSTALL 24" WIDE STOP BAR USING TYPE II PAVEMENT MARKING FILM
(F) INSTALL 24" WIDE CROSSWALK MARKINGS USING TYPE II PAVEMENT MARKING FILM PER USDCCA STD. DWG. No. 254
(G) INSTALL DROP LANE DELINEATION USING RPM'S PER USDCCA STD. DWG. No. 246.6
(H) INSTALL "ONLY" LEGEND USING TYPE II PAVEMENT MARKING FILM
(I) INSTALL YIELD MARKINGS PER DETAILS ON ???

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
- CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY:	5			
	4			
	3			
	2			
NO. DATE	1			
	2			
	3			
	4			
REVISIONS				

PREPARED BY:

JACOBS

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

PREPARED FOR:	CITY OF LAS VEGAS		DESIGNED BY: B. MAHAN	DRAWN BY: G. SHEARER	CHECKED BY: J. GRIEST			
	H# 72212							
	DATE: April 2, 2019							
	SUBMITTAL STAGE:							
30% SUBMITTAL								

TITLE

FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND

SHEET

SIGNING & STRIPING PLAN
"CH" 109+00 TO "CH" 117+00

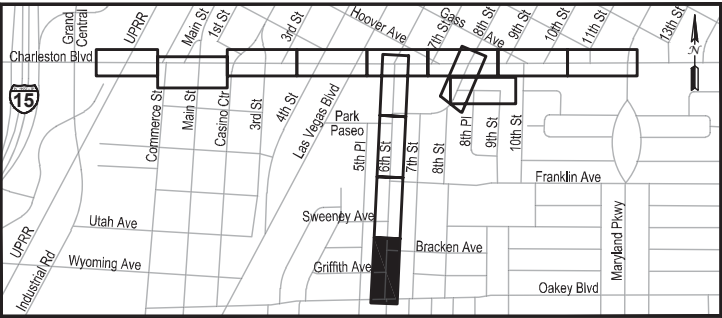
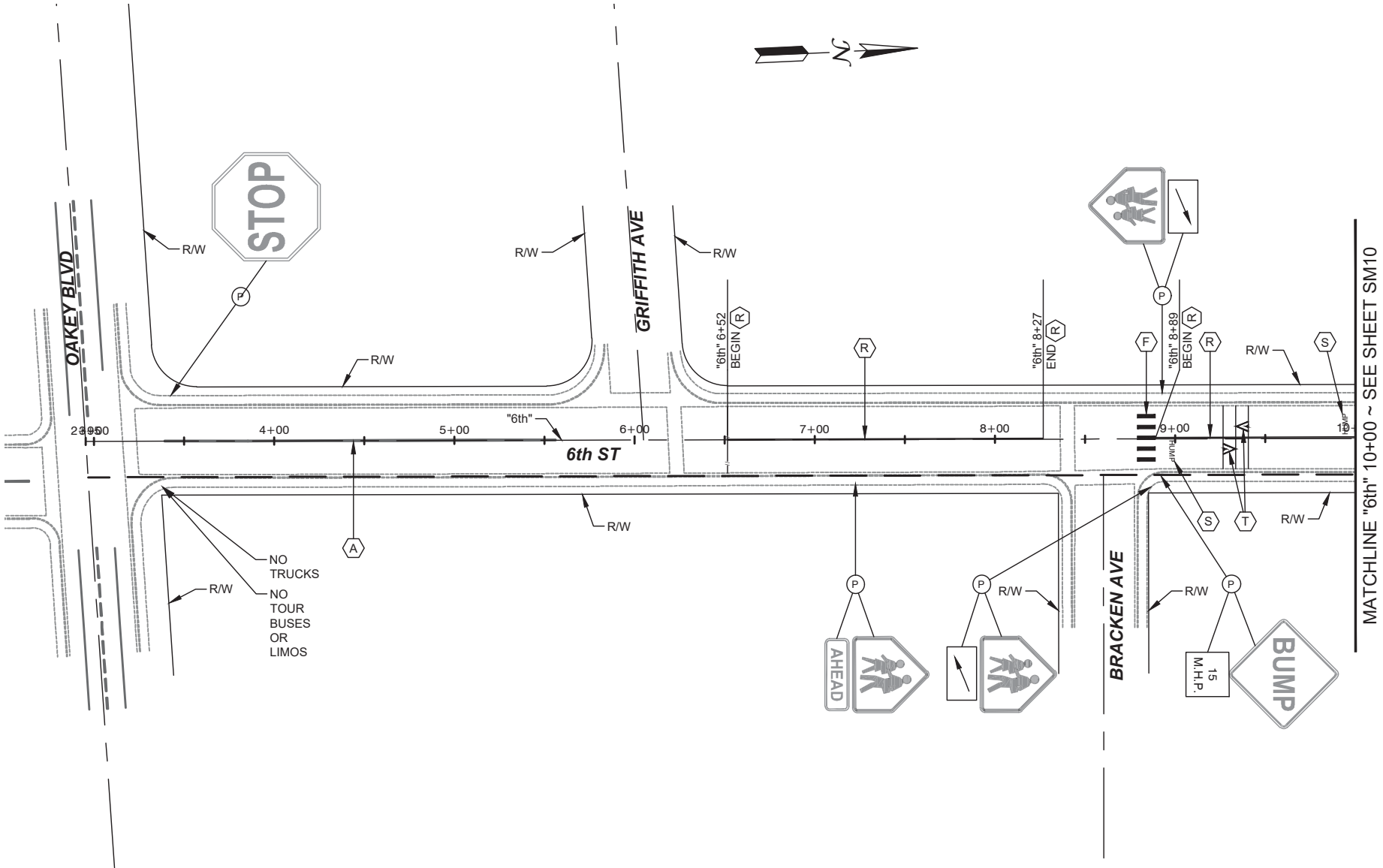
30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET

SM8

OF

DRAWING NO.
107v7368



SIGNING REMOVAL LEGEND

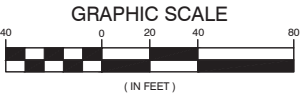
- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
(F) INSTALL 24" WIDE CROSSWALK MARKINGS USING TYPE II PAVEMENT MARKING FILM PER USDCCA STD. DWG. No. 254
(R) INSTALL TYPE 1 CENTERLINE DELINEATION USING POLYUREA YELLOW PAINT PER USDCCA STD. DWG. No. 244
(S) INSTALL "HUMP" LEGEND USING TYPE II PAVEMENT MARKING FILM
(T) INSTALL "HUMP ARROWS" LEGEND USING TYPE II PAVEMENT MARKING FILM

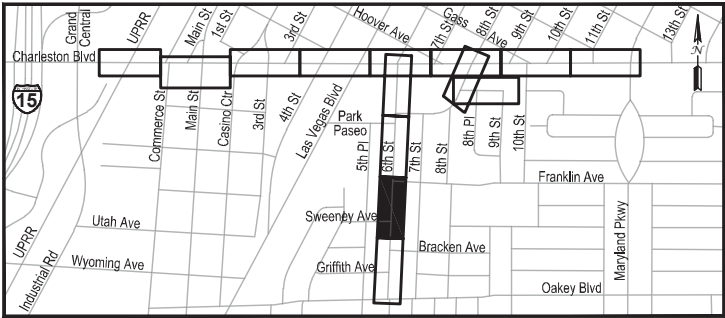
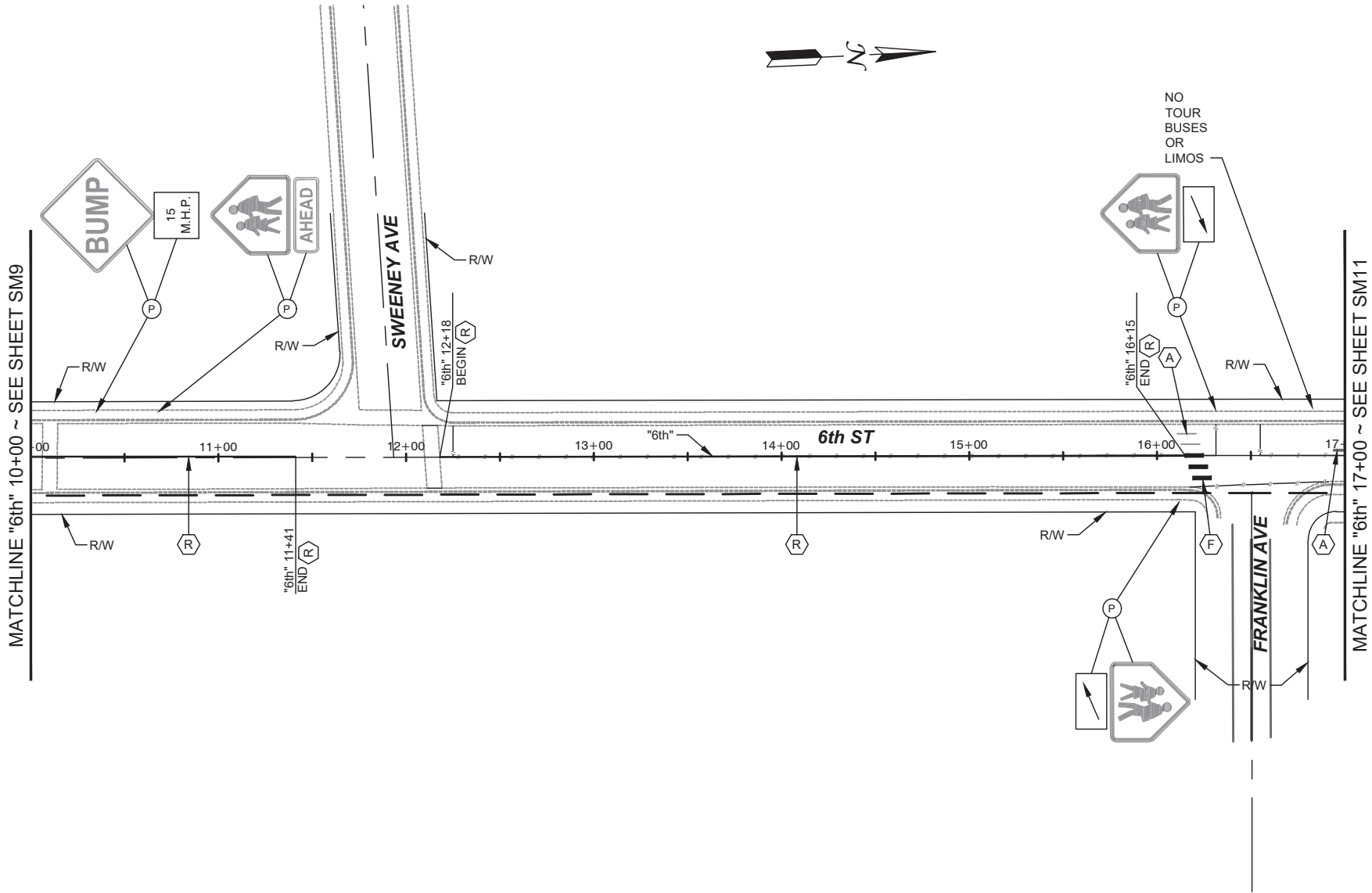
- NOTES:
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
 - ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
 - CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

APPROVED FOR CONSTRUCTION	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

5	4	3	2	1	NO.	DATE	REVISIONS
PREPARED BY: JACOBS							
2485 VILLAGE VIEW DRIVE, SUITE 350 HENDERSON, NEVADA 89074 PHONE: 702-369-6175 FAX: 702-369-1107							
PREPARED FOR	CITY OF LAS VEGAS	BID#	DESIGNED BY: B. MAHAN	DRAWN BY: G. SHEARER	CHECKED BY: J. GRIEST		
H#	72212	DATE: April 2, 2019	SUBMITTAL STAGE:	30% SUBMITTAL			
TITLE		FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND					
SHEET		SIGNING & STRIPING PLAN "6th" 2+95 TO "6th" 10+00					
30% SUBMITTAL NOT FOR CONSTRUCTION							
SHEET		SM9					
		OF					
		DRAWING NO. 107v7368					



SIGNING REMOVAL LEGEND

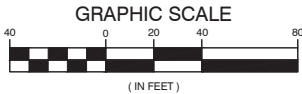
- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

- (A) PROTECT EXISTING PAVEMENT MARKINGS IN PLACE
 (F) INSTALL 24" WIDE CROSSWALK MARKINGS USING TYPE II PAVEMENT MARKING FILM PER USDCCA STD. DWG. No. 254
 (R) INSTALL TYPE 1 CENTERLINE DELINEATION USING POLYUREA YELLOW PAINT PER USDCCA STD. DWG. No. 244

NOTES:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
- ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
- CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

PREPARED BY:

JACOBS

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

PREPARED FOR:

CITY OF LAS VEGAS

BID# 72212

DATE: April 2, 2019

SUBMITTAL STAGE: 30% SUBMITTAL

TITLE

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET

**SIGNING & STRIPING PLAN
"6th" 10+00 TO "6th" 17+00**

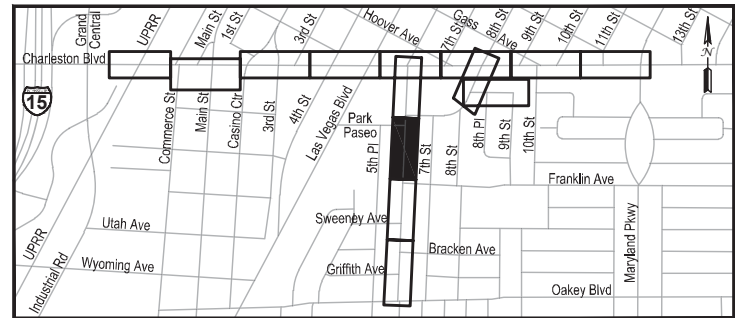
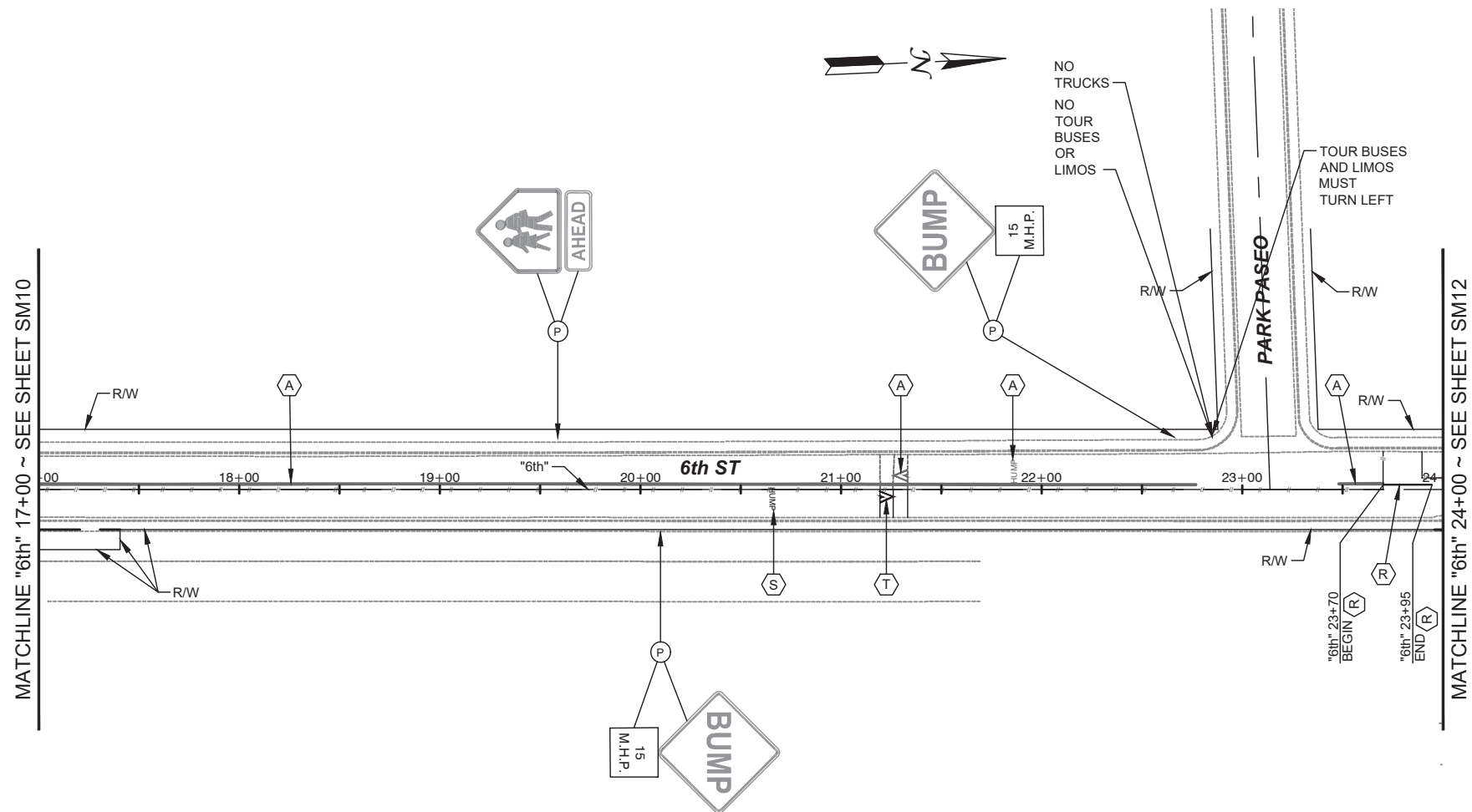
30% SUBMITTAL
NOT FOR
CONSTRUCTION

SHEET

SM10

OF

DRAWING NO.
107v7368



SIGNING REMOVAL LEGEND

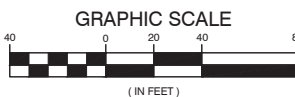
- Ⓟ EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

- | | |
|---|--|
| A | PROTECT EXISTING PAVEMENT MARKINGS IN PLACE |
| R | INSTALL TYPE 1 CENTERLINE DELINEATION USING POLYUREA YELLOW PAINT PER USDDCA STD. DWG. No. 244 |
| S | INSTALL "HUMP" LEGEND USING TYPE II PAVEMENT MARKING FILM |
| T | INSTALL "HUMP ARROWS" LEGEND USING TYPE II PAVEMENT MARKING FILM |

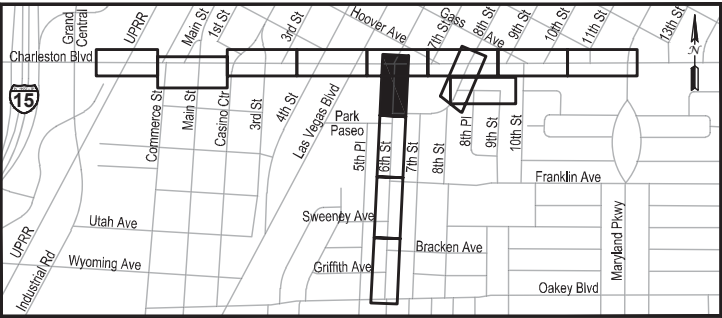
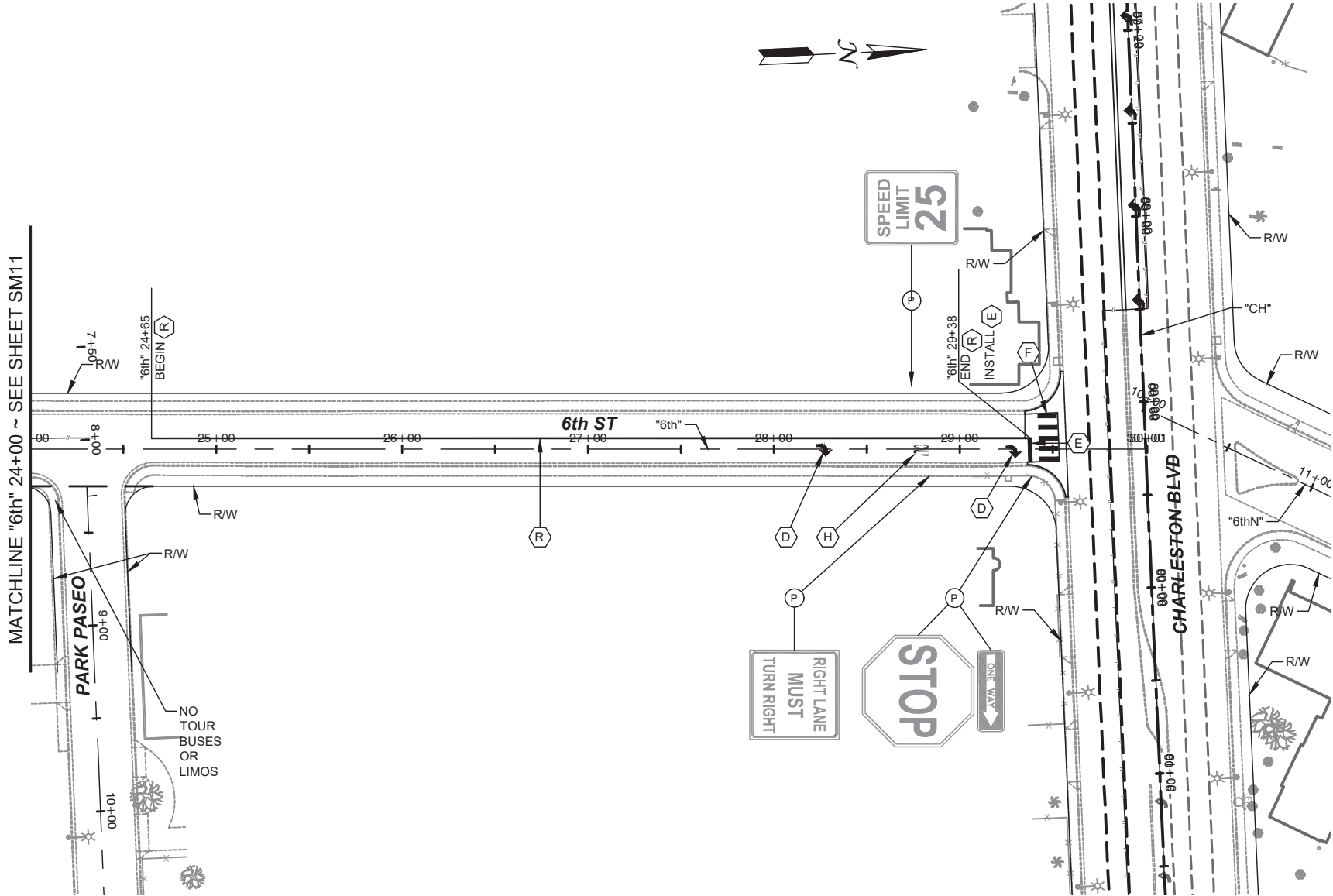
- NOTES:**
1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
 2. ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
 3. CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

<u>APPROVED FOR CONSTRUCTION</u>	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____



CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 600-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

TITLE FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND		PREPARED FOR CITY OF LAS VEGAS		PREPARED BY:		5
SHEET SIGNING & STRIPING PLAN "6th" 17+00 TO "6th" 24+00		H# 72212 DATE: April 2, 2019 SUBMITTAL STAGE: 30% SUBMITTAL		BID# DESIGNED BY: B. MAHAN DRAWN BY: G. SHEARER CHECKED BY: J. GRIEST		4
30% SUBMITTAL NOT FOR CONSTRUCTION				2485 VILLAGE VIEW DRIVE, SUITE 350 HENDERSON, NEVADA 89074 PHONE: 702-369-6175 FAX: 702-369-1107		3
SHEET SM11 OF						2
DRAWING NO. 107v7368						1
				NO. DATE		REVISIONS



SIGNING REMOVAL LEGEND

- (P) EXISTING SIGN(S) TO REMAIN, PROTECT IN PLACE

STRIPING LEGEND

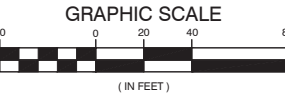
- (D) INSTALL "ARROW" LEGEND USING TYPE II PAVEMENT MARKING FILM
(E) INSTALL 24" WIDE STOP BAR USING TYPE II PAVEMENT MARKING FILM
(F) INSTALL 24" WIDE CROSSWALK MARKINGS USING TYPE II PAVEMENT MARKING FILM PER USGCCA STD. DWG. No. 254
(H) INSTALL "ONLY" LEGEND USING TYPE II PAVEMENT MARKING FILM
(R) INSTALL TYPE 1 CENTERLINE DELINEATION USING POLYUREA YELLOW PAINT PER USGCCA STD. DWG. No. 244

- NOTES:
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS & SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA NEVADA (LATEST EDITION) AS ADOPTED BY CLARK COUNTY.
 - ALL LANE DIMENSIONS ARE MEASURED FROM LIP OF GUTTER, FACE OF MEDIAN, OR EDGE OF A.C.
 - CONTRACTOR SHALL VERIFY ALL EXISTING LANE DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services
Project No. _____ First Approved Date _____

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929



PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR
CITY OF LAS VEGAS
H# 72212

DESIGNED BY: B. MAHAN
DRAWN BY: G. SHEARER
CHECKED BY: J. GRIEST

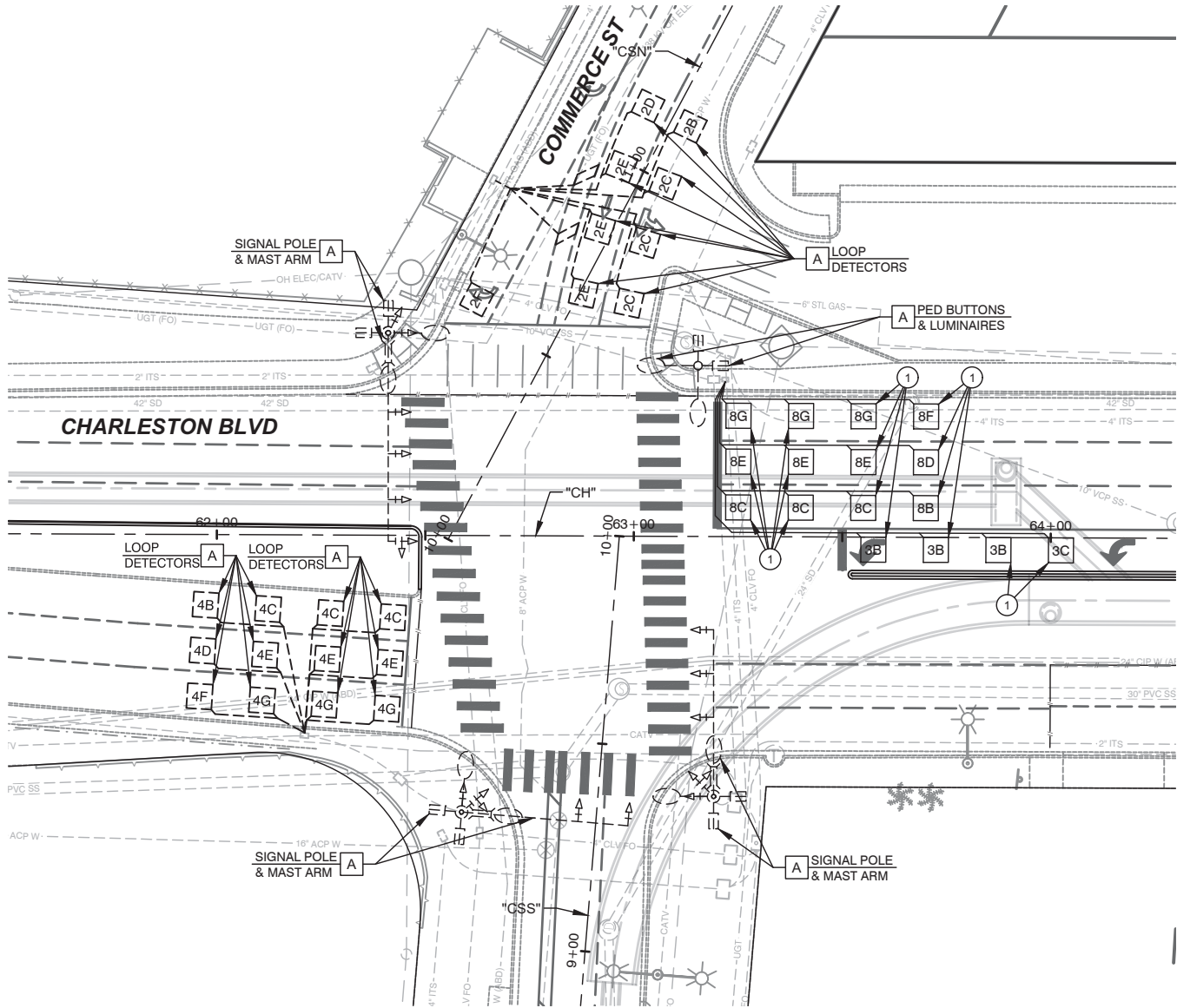
DATE: April 2, 2019
SUBMITTAL STAGE:
30% SUBMITTAL

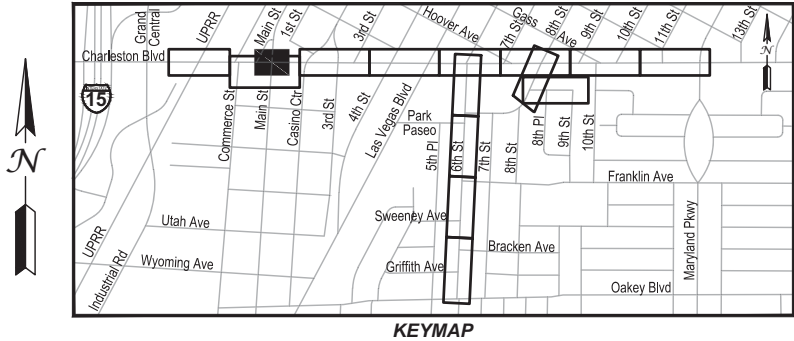
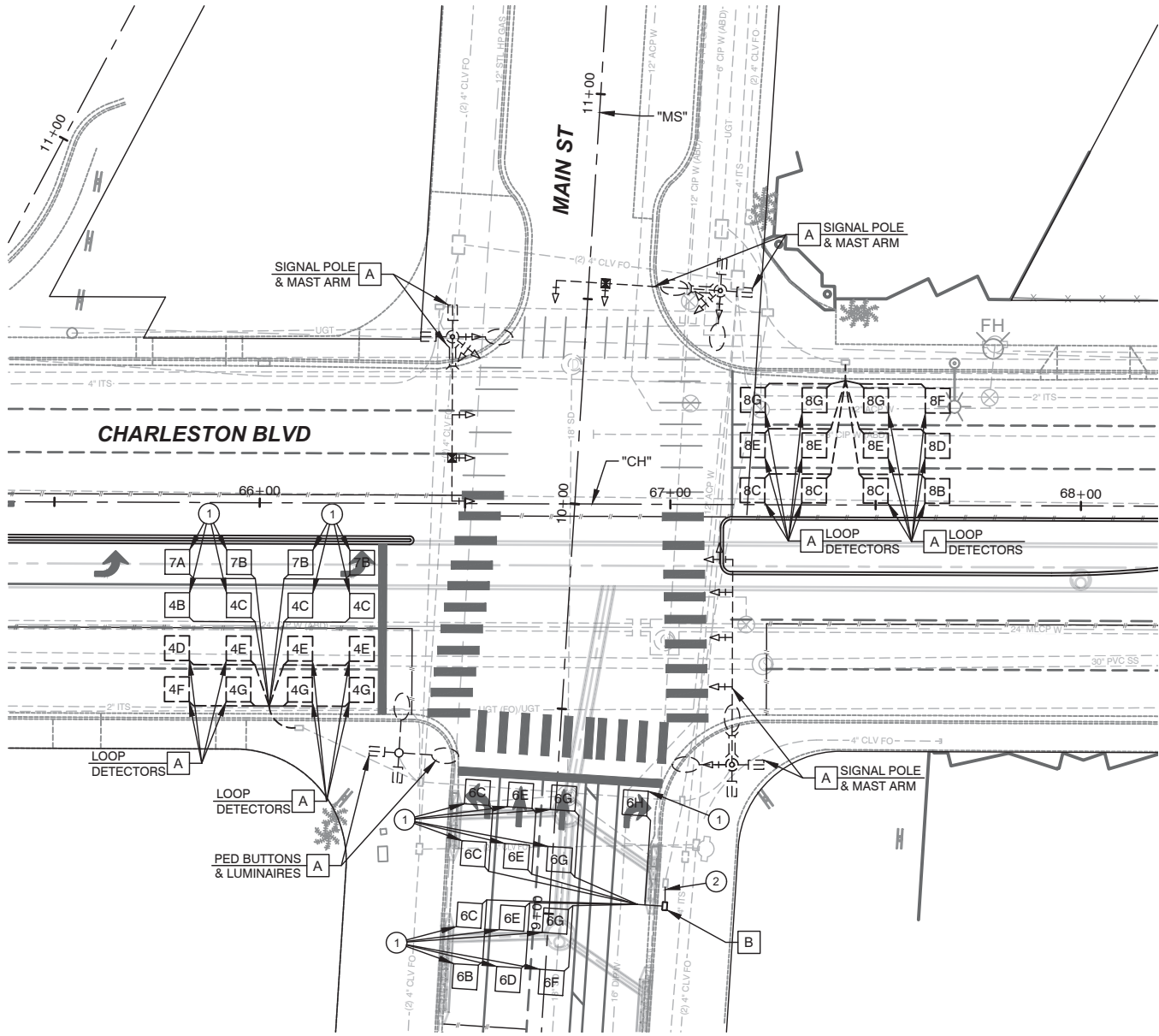
TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
**SIGNING & STRIPING PLAN
"6th" 24+00 TO "6th" 30+00**

**30% SUBMITTAL
NOT FOR
CONSTRUCTION**

SHEET
SM12
OF
DRAWING NO.
107v7368





- LEGEND**
- A SIGNAL POLE & MAST ARM
 - B No. 5 PULLBOX (MARKED "TRAFFIC SIGNAL")

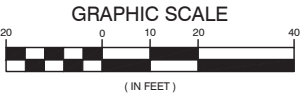
- LOOP REPLACEMENT NOTES**
- 1 FURNISH AND INSTALL 6"x6" MULTI LOOP SYSTEM
 - 2 FURNISH AND INSTALL 2" CONDUIT & CONNECT TO EXISTING PULLBOX.

- LOOP DETECTOR & PULLBOX NOTES**
- 1. CONTRACTOR TO MAINTAIN EXISTING LOOP LEAD-IN CABLES FROM CONTROLLER TO EXISTING PULLBOX.
 - 2. CONTRACTOR SHALL DISCONNECT EXISTING LOOP DETECTORS AT THE PULLBOX AND SPLICE NEW LOOP DETECTORS INTO EXISTING LOOP LEAD-IN CABLES IN THE EXISTING PULLBOX.

- CONDUIT NOTE**
- CONDUIT LAYOUT IS DIAGRAMMATIC ONLY. INSTALL CONDUIT TO AVOID EXISTING UTILITIES AND WITHIN THE RIGHT-OF-WAY AND IN A SINGLE TRENCH WHERE POSSIBLE. CONTRACTOR TO VERIFY EXISTING CONDUIT RUNS.
- ITS (FAST) NOTES**
- 1. THE CONTRACTOR IS TO MAINTAIN AND KEEP OPERATIONAL ALL EXISTING ITS INFRASTRUCTURE WITHIN THE CONSTRUCTION LIMITS. IF ANY EXISTING ITS INFRASTRUCTURE IS DAMAGED DUE TO CONSTRUCTION WITHIN THE PROJECT LIMITS THE CONTRACTOR SHALL IMMEDIATELY CONTACT MR. JESUS "CHUY" MARMOLEJO (RTC/FAST MANAGER TRAFFIC SYSTEMS MAINTENANCE) AT 702-604-7078.

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services
Project No. _____ First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR:
CITY OF LAS VEGAS
H# 72212
DATE: March 19, 2019
SUBMITTAL STAGE:
30% SUBMITTAL

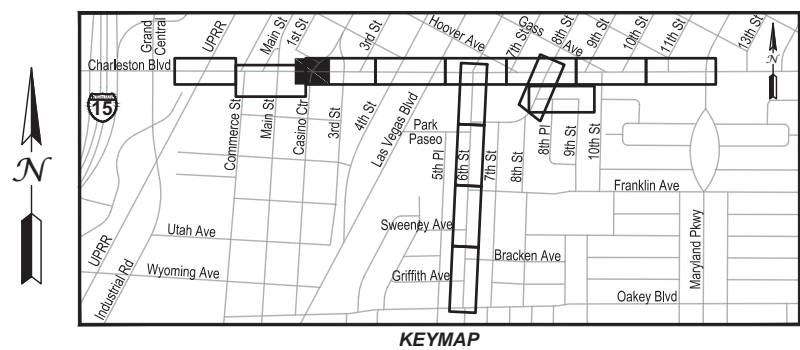
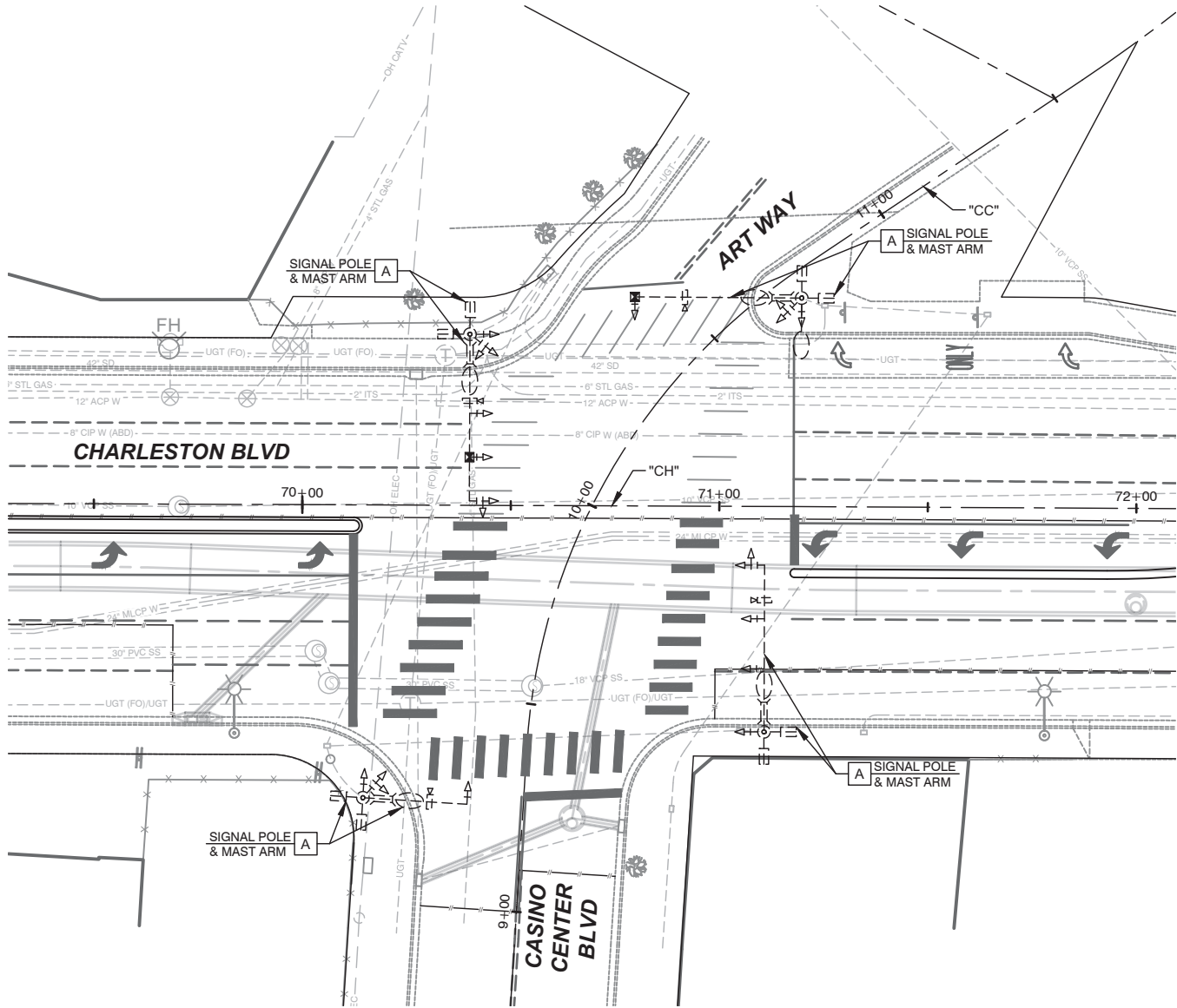
DESIGNED BY: B. MAHAN
DRAWN BY: G. SHEARER
CHECKED BY: J. GRIEST

**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

**LOOP REPLACEMENT PLAN
CHARLESTON BLVD & MAIN ST**

30% SUBMITTAL
NOT FOR
CONSTRUCTION

TS2
OF
107v7368



LEGEND

- A PROTECT IN PLACE

CONDUIT NOTE

CONDUIT LAYOUT IS DIAGRAMMATIC ONLY. INSTALL CONDUIT TO AVOID EXISTING UTILITIES AND WITHIN THE RIGHT-OF-WAY AND IN A SINGLE TRENCH WHERE POSSIBLE. CONTRACTOR TO VERIFY EXISTING CONDUIT RUNS.

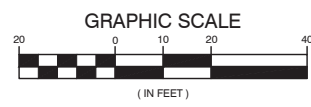
ITS (FAST) NOTES

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

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services

Project No. _____ First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR
CITY OF LAS VEGAS
H# 72212

DESIGNED BY: B. MAHAN
DRAWN BY: G. SHEARER
CHECKED BY: J. GRIEST

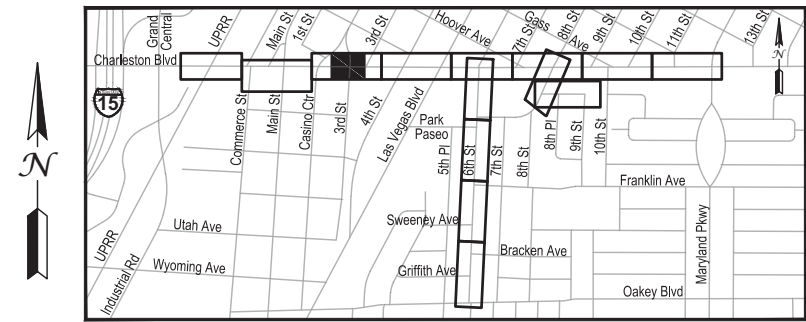
DATE: March 19, 2019
SUBMITTAL STAGE:
30% SUBMITTAL

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
**LOOP REPLACEMENT PLAN
CHARLESTON BLVD & CASINO CTR BLVD**

**30% SUBMITTAL
NOT FOR
CONSTRUCTION**

SHEET
TS3
OF
DRAWING NO.
107v7368



A	PROTECT IN PLACE
B	No. 5 PULLBOX (MARKED "TRAFFIC SIGNAL")
C	REMOVE & REPLACE EXISTING No. 3½ PULLBOX TO NEW MEDIAN ISLAND (MARKED "TRAFFIC SIGNAL")

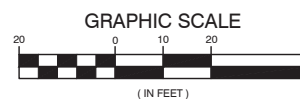
- ① FURNISH AND INSTALL 6'x6' MULTI LOOP SYSTEM
- ② FURNISH AND INSTALL 2" CONDUIT & CONNECT TO EXISTING PULLBOX.

1. CONTRACTOR TO MAINTAIN EXISTING LOOP LEAD-IN CABLES FROM CONTROLLER TO EXISTING PULLBOX.
2. CONTRACTOR SHALL DISCONNECT EXISTING LOOP DETECTORS AT THE PULLBOX AND SPLICED NEW LOOP DETECTORS INTO EXISTING LOOP LEAD-IN CABLES IN THE EXISTING PULLBOX.

CONDUIT LAYOUT IS DIAGRAMMATIC ONLY. INSTALL CONDUIT TO AVOID EXISTING UTILITIES AND WITHIN THE RIGHT-OF-WAY AND IN A SINGLE TRENCH WHERE POSSIBLE. CONTRACTOR TO VERIFY EXISTING CONDUIT RUNS.

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

<u>APPROVED FOR CONSTRUCTION</u>	
Las Vegas Valley Water District Engineering Services	
Project No. _____	First Approved Date _____



CALL BEFORE CONSTRUCTION 		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

5	
4	
3	
2	
1	
NO.	DATE
REVISIONS	

PREPARED BY:

JACOBS

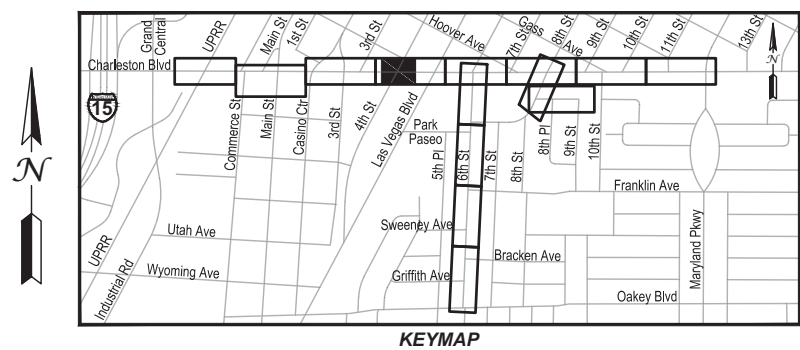
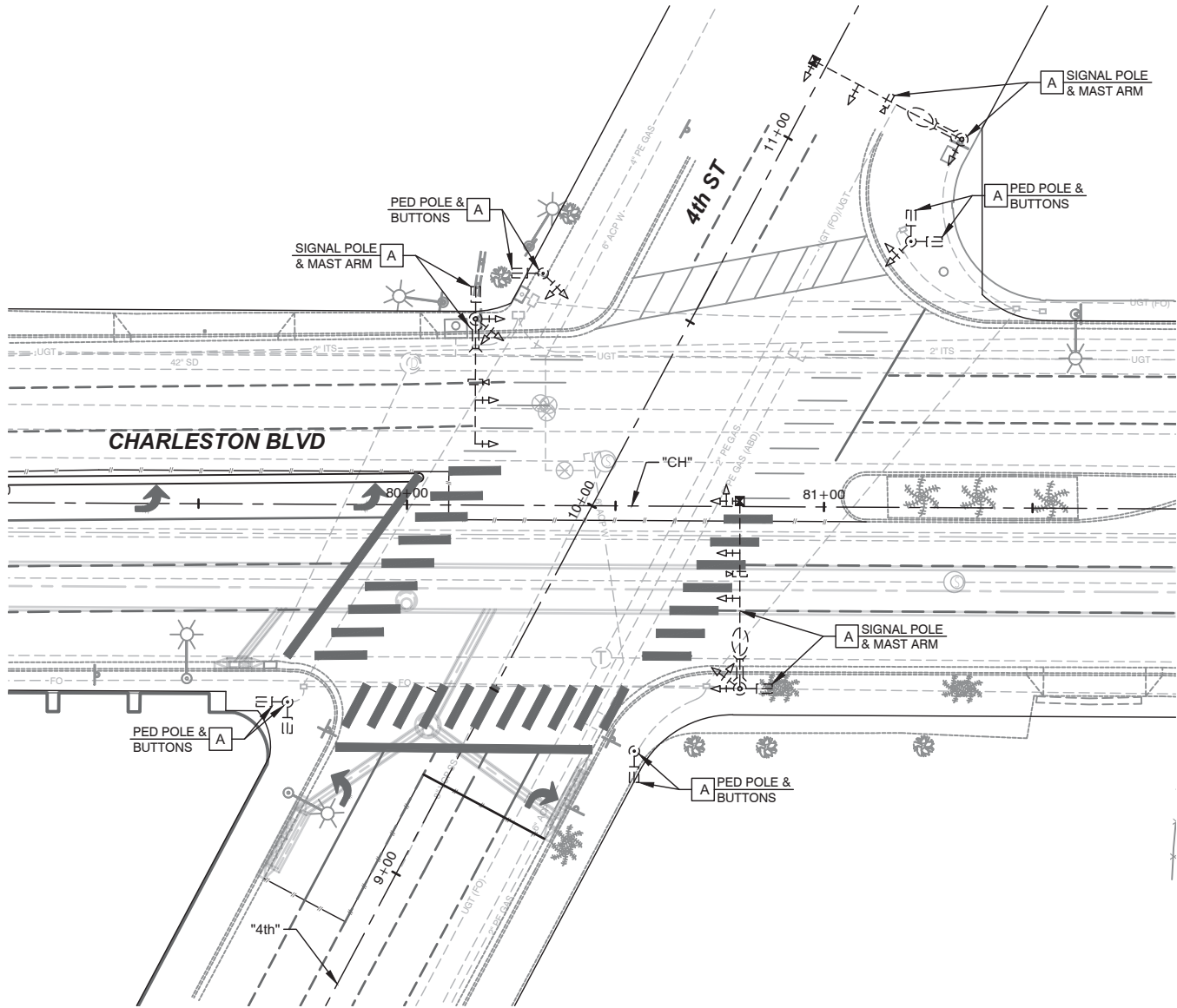
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR					
CITY OF LAS VEGAS					
	H#	7212	BID#		
	DATE:	March 19, 2019	DESIGNED BY:	B. MAHAN	
	SUBMITTAL STAGE:		DRAWN BY:	G. SHEARER	
	30% SUBMITTAL		CHECKED BY:	J. GRIEST	

TITLE	FLAMINGO BOULDER HIGHWAY NORTH CHARLESTON - MAIN TO MARYLAND
SHEET	LOOP REPLACEMENT PLAN CHARLESTON BLVD & 3rd ST

**30% SUBMITTAL
NOT FOR
CONSTRUCTION**

SHEET
TS4
OF
DRAWING NO.
107v7368



LEGEND

A PROTECT IN PLACE

CONDUIT NOTE

CONDUIT LAYOUT IS DIAGRAMMATIC ONLY. INSTALL CONDUIT TO AVOID EXISTING UTILITIES AND WITHIN THE RIGHT-OF-WAY AND IN A SINGLE TRENCH WHERE POSSIBLE. CONTRACTOR TO VERIFY EXISTING CONDUIT RUNS.

ITS (FAST) NOTES

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

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services
Project No. _____ First Approved Date _____

GRAPHIC SCALE

200

0

10

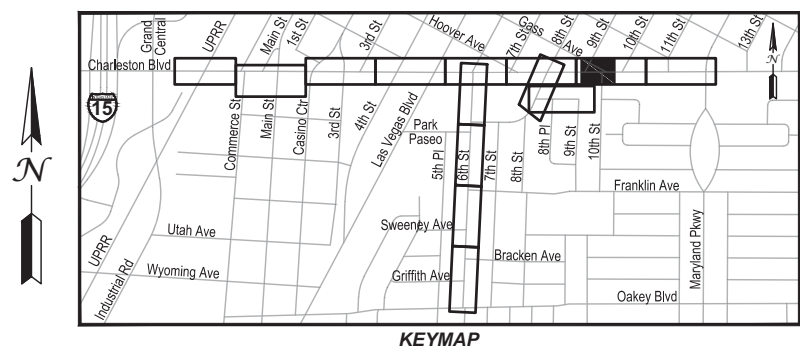
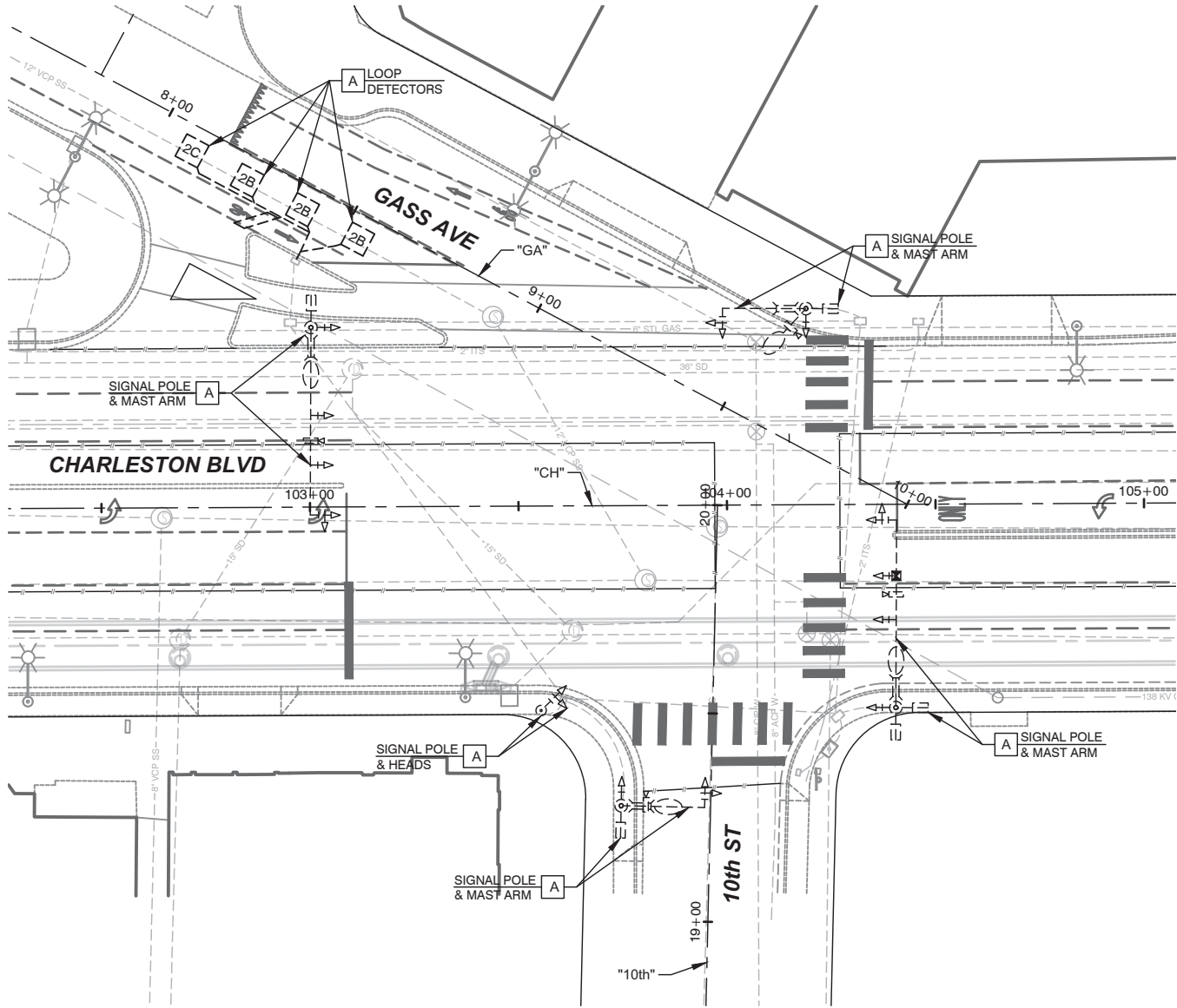
20

40

(IN FEET)

CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

708736-TS.dwg



LEGEND

A PROTECT IN PLACE

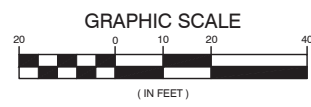
CONDUIT NOTE

CONDUIT LAYOUT IS DIAGRAMMATIC ONLY. INSTALL CONDUIT TO AVOID EXISTING UTILITIES AND WITHIN THE RIGHT-OF-WAY AND IN A SINGLE TRENCH WHERE POSSIBLE. CONTRACTOR TO VERIFY EXISTING CONDUIT RUNS.

ITS (FAST) NOTES

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

APPROVED FOR CONSTRUCTION
Las Vegas Valley Water District Engineering Services
Project No. _____ First Approved Date _____



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

7087361.TS.dwg

PREPARED BY:
JACOBS
2485 VILLAGE VIEW DRIVE, SUITE 350
HENDERSON, NEVADA 89074
PHONE: 702-369-6175
FAX: 702-369-1107

PREPARED FOR:
CITY OF LAS VEGAS
H# 72212
DATE: March 19, 2019
SUBMITTAL STAGE:
30% SUBMITTAL

DESIGNED BY: B. MAHAN
DRAWN BY: G. SHEARER
CHECKED BY: J. GRIEST

NO. DATE
5
4
3
2
1
NO. DATE

TITLE
**FLAMINGO BOULDER HIGHWAY NORTH
CHARLESTON - MAIN TO MARYLAND**

SHEET
**LOOP REPLACEMENT PLAN
CHARLESTON BLVD & 10th ST**

**30% SUBMITTAL
NOT FOR
CONSTRUCTION**

SHEET
TS7
OF
DRAWING NO.
107v7368