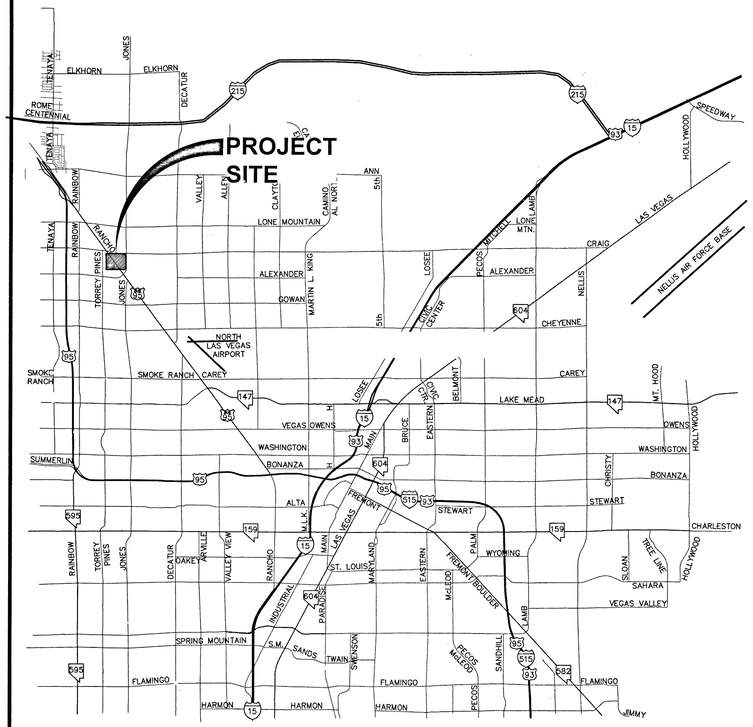

IMPROVEMENT PLANS FOR
MURPHY EXPRESS
CRAIG RD. AND JONES BLVD.
CITY OF LAS VEGAS, NEVADA
6009 WEST CRAIG ROAD

A PORTION OF THE SOUTHEAST QUARTER (SE ¼) OF SECTION 2, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.B. & M, 1.03± AC.
A.P.N.: 138-02-713-003

RESOURCE LIST:

DEPARTMENT OF PLANNING
CITY OF LAS VEGAS
333 N. RANCHO DRIVE
LAS VEGAS, NV 89106
PHONE: (702) 229-6301
FAX: (702) 474-7463

LAS VEGAS VALLEY WATER DISTRICT
1001 S. VALLEY VIEW BLVD.
LAS VEGAS, NV 89107
PHONE: (702) 807-2001

BUILDING AND SAFETY DIVISION

LAS VEGAS, NV 89
PHONE: (702) –
FAX: (702) –

DEVELOPMENT AND FLOOD CONTROL

LAS VEGAS, NV 89
PHONE: (702) –
FAX: (702) –

FIRE DEPARTMENT
LAS VEGAS FIRE AND RESCUE
500 N. CASINO CENTER BLVD
LAS VEGAS, NV 89101
PHONE: (702) 383-2888

CENTURY LINK
VIA AUSTI PKWY.
LAS VEGAS, NV 89119
PHONE: (702) 244-7277

ELECTRIC
NEVADA ENERGY
7155 LINDELL ROAD
LAS VEGAS, NV 89118
PHONE: (702) 402-8400

MURPHY
CONTACT: GAVEN BALLINGER
422 N. WASHINGTON
EL DORADO, AR 71780
PHONE: (870) 881-6678

ENGINEER
LOCHSA ENGINEERING, INC.
CONTACT: GUY MORRIS
6345 S. JONES BLVD.
LAS VEGAS, NV 89118
PHONE: (702) 365-9312
FAX: (702) 365-9317

GEOTECH
UNITED CONSULTING
625 HOLCOMB BRIDGE ROAD
NORCROSS, GA. 30071
CONTACT: ROBERT R. RUSSELL, P.E.
PROJECT No.2015.0505.01
PHONE: (770)209-0029

NATURAL GAS
SOUTHWEST GAS
6355 SHATZ STREET
NORTH LAS VEGAS 89115
PHONE: (877) 860-6020

REV #	REVISION DESCRIPTION	SHEET(S)	APPD BY	DATE APPD
1	REVISED DROP INLET CONNECTION.	1, 6, & 8		
	UPDATED GRADES.			

GENERAL NOTES:

A. CONTRACTOR SHALL BE RESPONSIBLE FOR RAZING AND REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, UNDERGROUND STORAGE TANKS AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED.

B. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.

C. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.

D. WARRANTY/DISCLAIMER:
THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

E. SAFETY NOTICE TO CONTRACTOR:
IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.

F. ALL CONSTRUCTION WITHIN STATE HIGHWAY DEPARTMENT RIGHT-OF-WAY SHALL BE COORDINATED WITH THE HIGHWAY DEPARTMENT RESIDENT MAINTENANCE ENGINEER.

G. ALL SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE RELEVANT UTILITY COMPANY OR REGULATORY AUTHORITY, AND THE SPECIFICATIONS FOR THE CONSTRUCTION OF THE EXISTING IMPROVEMENTS WHICH ARE BEING ALTERED OR REPLACED. CONTRACTOR SHALL CONTACT THE ENGINEER FOR SPECIFICATION SECTIONS FOR ITEMS SUCH AS LANDSCAPING AND IRRIGATION THAT ARE AFFECTED BY THE WORK BUT NOT COMPLETELY DETAILED OR SPECIFIED ON THESE PLANS.

H. CONSTRUCTION AND INSTALLATION OF 1400 S.F. KIOSK/C-STORE, ALL UTILITY ENTRANCES, (1)25,000 GAL-REGULAR, (1)8,000 GAL-PREMIUM, (1)10,000 GAL-DIESEL, AND (1)8,000 GAL-E-85 UNDERGROUND TANKS SHALL BE IN ACCORDANCE WITH ASSOCIATED PLANS.

I. THE GENERAL CONTRACTOR TO FIELD COORDINATE THE CANOPY SIGN LOCATION WITH MURPHY'S CONSTRUCTION SUPERVISOR.

NOTES TO CONTRACTOR

A. THE CONTRACTOR SHALL PROVIDE THE ENGINEER OF RECORD WITH THE DATE WHEN CONSTRUCTION IS TO BEGIN.
B. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION STAKING AND LAYOUT
C. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE ENGINEER OF RECORD INFORMED OF ANY DEVIATIONS DURING CONSTRUCTION AND SHALL REPORT THEM IMMEDIATELY
D. CONTRACTOR IS REQUIRED TO KEEP REDLINE AS-BUILTS AND TO PROVIDE THOSE TO MURPHY UPON COMPLETION.
E. CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING THE AS-BUILT AND CERTIFICATE OF OCCUPANCY (C.O.) REQUIREMENTS FROM THE ISSUING AUTHORITY.
F. IF AN AS-BUILT SURVEY IS REQUIRED BY THE ISSUING AUTHORITY, THE CONTRACTOR SHALL BE RESPONSIBLE OBTAINING THE AS-BUILT SURVEY, PREPARED BY A LICENSED SURVEYOR, AND SUBMITTING THE AS-BUILT SURVEY TO ISSUING AUTHORITY AND THE ENGINEER OF RECORD

ABBREVIATIONS

ABAN	ABANDON	INV	INVERT
AIP	ABANDON IN PLACE	ISL	ISLAND
AGG	AGGREGATE	JB	JUNCTION BOX
ALT	ALTERNATE	LOC	LENGTH OF CURB
A	ANODE, GAS	LT	LEFT
ACP	ASBESTOS CEMENT PIPE	LF	LINEAR FEET
ACP	ASPHALTIC CONCRETE	LS	LANDSCAPING
AVE	AVENUE	LVVWD	LAS VEGAS VALLEY WATER DISTRICT
BC	BACK OF CURB	MH	MANHOLE
BCR	BACK OF CURB RADIUS	MAX	MAXIMUM
BVC	BEGINNING OF VERTICAL CURVE	MIN	MINIMUM
BM	BENCHMARK	MON	MONOLITHIC
BDRY LINE	BOUNDARY LINE	N/O	NORTH OF
CATV	CABLE TELEVISION	NTS	NOT TO SCALE
C-C	CENTER TO CENTER	OC	ON CENTER
CL	CENTERLINE	OG	OPEN-GRADED PAVEMENT, ORIGINAL GROUND
CBC	CITY OF BOULDER CITY	PVMT	PAVEMENT
CLV	CITY OF LAS VEGAS	PI	POINT OF INTERSECITON
COH	CITY OF HENDERSON	PRC	POINT OF REVERSE CURVE
CM	CITY OF MESQUITE	PC	POINT OF CURVE
CNLV	CITY OF NORTH LAS VEGAS	PT	POINT OF TANGENCY
CC	CLARK COUNTY	PCC	POINT OF COMPOUND CURVE
CCSD	CLARK COUNTY SANITATION DISTRICT	PCC, CONC	PORTLAND CEMENT CONCRETE
CO	CLEAN OUT, SEWER	PP	POWER POLE
COMM	COMMERCIAL	P	POWER
CONC, PCC	CONCRETE	PL	PROPERTY LINE
CONST	CONSTRUCTION OR CONSTRUCT	PB	PULL BOX
COR	CORNER	PROP	PROPOSED
CMP	CORRUGATED METAL PIPE	RP	RADIUS POINT
CSAP	CORRUGATED STEEL ARCH PIPE	R	RADIUS
CSP	CORRUGATED STEEL PIPE	RR	RAILROAD
C&G	CURB & GUTTER	REINF	REINFORCED
CIP	CAST IRON PIPE	RC	REINFORCED CONCRETE
COL	COLUMN	RCB	REINFORCED CONCRETE BOX
CU YD, CY	CUBIC YARD	RCP	REINFORCED CONCRETE PIPE
CU FT, CF	CUBIC FOOT	RELOC	RELOCATE
CULV	CULVERT	RT	RIGHT
CF	CURB FACE	R/W	RIGHT-OF-WAY
DEPT	DEPARTMENT	RD	ROAD
DIA	DIAMETER	SS	SANITARY SEWER
DWY	DRIVEWAY	SHT	SHEET
DI	DROP INLET	S/O	SOUTH OF
ESMT	EASEMENT	SW	SIDEWALK
E/O	EAST OF	SQ FT, SF	SQUARE FOOT
EP	EDGE OF PAVEMENT	SQ YD,SY	SQUARE YARD
EO	EDGE OF OIL	STA	STATION
E	ELECTRIC	SHP	STEEL HIGHPRESSURE PIPE
EM	ELECTRIC METER	SD	STORM DRAIN
ELEV	ELEVATION	STD	STANDARD
EMBK	EMBANKMENT	STRUCT	STRUCTURAL OR STRUCTURE
ECR	END OF CURB RETURN	SURV	SURVEY
EC	END OF CURVE	SLT	STREETLIGHT
EBS	CATHODE PROTECTION BOND STATION	TL	TELEPHONE
ETS	CATHODE PROTECTION TEST STATION	TEMP	TEMPORARY
EVC	END OF VERTICAL CURVE	TBA	TO BE ADJUSTED
EXIST	EXISTING	TBR	TO BE REMOVED
FT	FEET/FOOT	TC	TOP OF CURB
FG	FINISH GRADE	TP	TOP OF PIPE
FA	FIRE ALARM	TS	TRAFFIC SIGNAL
FH	FIRE HYDRANT	TSI	TRAFFIC SIGNAL INTERCONNECT
FL	FLOW LINE	TRANS	TRANSITION
GALV	GLAVANIZED	TYP	TYPICAL
GM	GAS METER	UG	UNDERGROUND
GR	GAS PRESSURE REGULATOR	VAR	VARIABLE
PL-G	PLASTIC GAS	VERT	VERTICAL
SG	STEEL GAS	VC	VERTICAL CURVE
GB	GRADE BREAK	VG	VALLEY GUTTER
GUT	GUTTER	VCP	VITRIFIED CLAY PIPE
HDWL	HEADWALL	W	WATER
IN	INCH	WM	WATER METER
INT	INTERSECTION	W/O	WEST OF
		YD	YARD

DEVELOPER

MURPHY OIL USA, INC.
422 N. WASHINGTON ST.
EL DORADO, AR 71730
CONTACT: GAVEN BALLINGER
PHONE: (870) 881-6678
FAX: (870) 881-7616

OWNER

LV JONES, LLC
1001 E. TELECOM DRIVE
BOCA RATON, FL 33431
CONTACT: KENNETH J. GOODMAN
PHONE. 561-989-8079
FAX: 561-989-8200

UTILITY PROVIDERS

WATER: . . . . . LAS VEGAS VALLEY WATER DISTRICT
SEWER: . . . . . CITY OF LAS VEGAS
GAS: . . . . . SOUTHWEST GAS CORPORATION
ELECTRIC: . . . . . NV ENERGY
TELEPHONE: . . . . . CENTURYLINK
CABLE TV: . . . . . COX COMMUNICATIONS LAS VEGAS, INC.
TRASH: . . . . . REPUBLIC SILVER STATE DISPOSAL SERVICE

WETLANDS NOTE:

ANY DEVELOPMENT, EXCAVATION, CONSTRUCTION, OR FILLING IN A U.S. ARMY CORPS OF ENGINEERS DESIGNATED WETLAND IS SUBJECT TO LOCAL, STATE AND FEDERAL APPROVALS. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AND/OR RESTRICTIONS AND ANY VIOLATION WILL BE SUBJECT TO FEDERAL PENALTY. THE CONTRACTOR SHALL HOLD THE OWNER/DEVELOPER, THE ENGINEER AND THE LOCAL GOVERNING AGENCIES HARMLESS AGAINST SUCH VIOLATION.
(THERE ARE NO WETLANDS ON THIS PROJECT)

FLOOD CERTIFICATION:

THIS PROPERTY IS NOT LOCATED WITHIN ANY PRESENTLY ESTABLISHED 100-YEAR FLOOD PLAIN, AS SHOWN BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAPS (FIRM) FOR THE CLARK COUNTY AND INCORPORATED AREAS, NEVADA, COMMUNITY PANEL NUMBERS: 32003C2177F AND 32003C2185F, EFFECTIVE DATE: NOVEMBER 16, 2011.

NOTICE TO BIDDERS:

ALL QUESTIONS REGARDING THE PREPARATION OF THE GENERAL CONTRACTOR'S BID SHALL BE DIRECTED TO THE OWNER'S CONSTRUCTION DEPARTMENT AT (870) 881-6786 (TERRY RIGDON). SUBCONTRACTORS MUST DIRECT THEIR QUESTIONS THROUGH THE GENERAL CONTRACTOR. THE CONSULTING ARCHITECT AND/OR THE CONSULTING ENGINEER SHALL NOT BE CONTACTED DIRECTLY WITHOUT PRIOR AUTHORIZATION FROM THE OWNER/DEVELOPER.

APPROVALS

FOR ALLEN PAVELKA
ALLEN PAVELKA, PE #9029 #13714
CITY ENGINEER — DATE 10/31/16

APPROVAL OF THESE PLANS IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-OF-WAY AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS, EXCEPT THOSE SPECIFICALLY LISTED UNDER DEVIATIONS FROM STANDARD. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARDS IN FAVOR OF THE UNIFORM STANDARDS DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA, NEVADA.

CHRIS KNIGHT
BUILDING AND SAFETY DEPARTMENT — DATE 10-27-16

NOTE:
THIS PLAN CONFORMS TO THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT.

LAS VEGAS FIRE AND RESCUE — DATE 5/31/16

FOR DISHARI
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT-124413 SHEETS C-0.0,C-0.1,C-4.0 — DATE 10/10/16

SOUTHWEST GAS CORPORATION — DATE 9/7/16

NV ENERGY — DATE 4.1.16

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.

COX COMMUNICATIONS LAS VEGAS, INC. — DATE 4-13-16

CENTRAL TELEPHONE COMPANY D.B.A. CENTURYLINK — DATE 4-13-16

THE AFFIXED CENTURYLINK 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 RULES AND REGULATIONS.

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Horizontal Control And Fire Access Plans		
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PROFESSIONAL ENGINEER - STATE OF NEVADA — GUY M. MORRIS — EXP. 12-31-17 — CIVIL — No. 14526 — 6-15-17 Rev #1

GENERAL SITE INFORMATION

BASED ON A SURVEY BY:
LOCHSA SURVEYING
6345 SOUTH JONES BLVD., SUITE 200
LAS VEGAS, NEVADA 89118
PHONE: (702) 365-9312
FAX: (702) 365-9317
MAY 22, 2015

A.P.N.:
138-02-713-003

BASIS OF BEARINGS:
THE BASIS OF BEARINGS IS THE SOUTHERLY LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 2, TOWNSHIP 20 SOUTH, RANGE 60 EAST M.D.,. AS SHOWN ON THAT MAP ON FILE IN FILE 192, PAGE 31 OF SURVERY IN THE CLARK COUNTY RECORDERS OFFICE. SAID LINE BEARS: (NORTH 83°42'46" WEST.

BENCHMARK:
BENCHMARK NO 5LV002E4. CITY OF LAS VEGAS BENCHMARK. RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF CRAIG ROAD AND JONES BOULEVARD.
ELEVATION=2261.88 FEET / 689.423 METERS (NAVD 88 DATUM)

NOTE:
LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.

SAFETY ALERT
Call Before You Overhead
AVOID BETWEEN UNDERGROUND TRAFFIC BOX AND WHEEL BARRAGE ITS COSTLY
Call before you UnderGround
1-702-432-5300
Call before you dig
Avoid cutting underground utility lines. It's costly.
Call 811
1-702-227-2929 or 1-800-227-2600
FOR ENTIRE NEVADA

LEGEND

CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	
PROPERTY LINE	SAWCUT LINE	EXISTING:	(2210)
ROW LINE	SCARP LINE	PROPOSED:	2122

CONTOUR LINES	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	FENCES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VAULT	BACKWATER VALVES	100w HPS STREETLIGHTS	150w HPS STREETLIGHTS	200w HPS STREETLIGHTS	250w HPS STREETLIGHTS
								(12.34) BC 12.34 BC			(S) = SANITARY SEWER (D) = STORM DRAIN (E) = ELECTRICAL (T) = TELEPHONE						BWV				

MURPHY OIL USA, INC.
MURPHY USA
422 NORTH WASHINGTON
EL DORADO, AR 71730

Lochsa engineering
6345 South Jones Blvd.
Suite 200
Las Vegas, NV 89118
Phone (702) 365-9312
Fax (702) 365-9317
www.lochsa.com

REV.:	DATE:	BY:	DESCRIPTION:
1	4/25/17	GMM	REVISED DROP INLET CONNECTION. UPDATED GRADES. AFFECTED SHEETS: C-3.1 & C-5.0 APPD-JM 5/4/17

SHEET
TITLE: GENERAL COVER SHEET
MURPHY EXPRESS
CRAIG RD. AND JONES BLVD.
CITY OF LAS VEGAS, NEVADA

PROJECT No.: 151068
DATE: 3-29-2016
SCALE: N/A
DRAWN BY: LAS
DESIGNED BY: LAS
CHECKED BY: GMM

SEAL: PROFESSIONAL ENGINEER - STATE OF NEVADA — GUY M. MORRIS — EXP. 12-31-17 — CIVIL — No. 14526 — 3-29-16

SHEET No. C-0.0
SHEET 1 OF 8
CLV No. 07V6740 HF63369

PROJ.#:124413 AGR#:115819 QS:138-02-SE

3/29/2016 2:42 PM
N:\Jobs\151068\Drawings\Plot Drawings\C-151068-CV.dwg