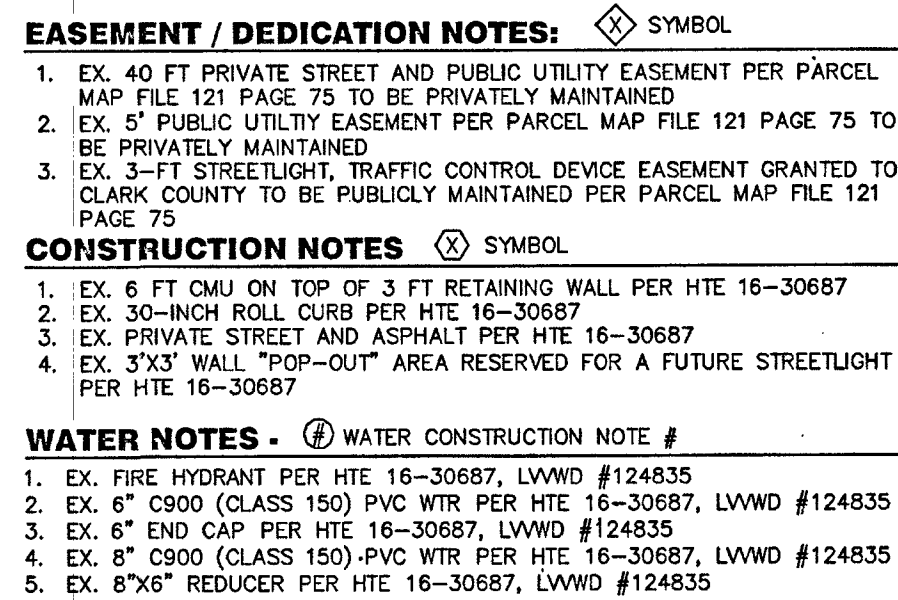


AVOID HITTING
OVERHEAD
POWER LINES.
IT'S COSTLY.

**Call before you
Crane Overhead**
702-227-2929



SEWER CONSTRUCTION NOTES X SEWER NOTE SYMBOL

1. INSTALL 48-IN SSMH PER DCSCWS DWG SD1A/SD710 WITH SINGLE 24" LID
2. INSTALL 8-IN PVC SEWER PIPE
3. INSTALL 4-IN PVC SEWER LATERAL PER DCSCWS STD DWG SD22
4. 8-FT MIN WIDTH TRENCH AND BACKFILL PER UDACS STD PLT 500.3, 500.5 AND 503.
5. TRENCH AND BACKFILL PAVED AREAS PER DCSCWS STD DWG SD-17. NEW ASPHALT TO EXTEND 6-FT BEYOND SANITARY SEWER.
6. PROVIDE 6-INCH WIDE WHITE EDGE ASPHALT LINE

FINAL MAP DISCLOSURE
REFER TO RESIDENTIAL SUBDIVISION FINAL MAP
 THIS IS NOT A PROPERTY SURVEY. THIS PLAN IS INTENDED TO BE USED
 FOR LAYOUT AND GRADING PURPOSES ONLY. LOT LINE DIMENSIONS MAY
 DIFFER FROM THOSE SHOWN HEREON TO THAT OF THE OFFICIAL RESIDENTIAL
 SUBDIVISION FINAL MAP.

JOHN R. HAMILTON ENTERPRISES, INC.
UTILITY NOTE:
JOHN R. HAMILTON ENTERPRISES, INC. ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN FIELD VERIFIED TO THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR IS TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THIS DRAWING AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ENGINEER IMMEDIATELY.

CAUTION TO CONTRACTOR

THE CONTRACTOR SHALL BE RESPONSIBLE TO INVESTIGATE AND VERIFY THE ACTUAL LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND FACILITIES AT LEAST 48 HOURS IN ADVANCE OF THE PERFORMANCE OF ANY WORK.

REPLACE ALL TRAFFIC CONTROL DEVICES
REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS)
UNDER CLARK COUNTY JURISDICTION THAT ARE DISTURBED, DESTROYED,
MOVED OR MODIFIED BY TRENCHING ACTIVITY TO CLARK COUNTY
SATISFACTION. ALL MATERIALS USED SHALL MEET CLARK COUNTY'S
SPECIFICATIONS, OR WILL BE AN APPROVED EQUIVALENT.

WATER/SEWER CROSSINGS
ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM DRAIN CROSSINGS AND CLEARANCES. WATER AND SEWER SERVICE LATERALS SHALL BE INSTALLED A MINIMUM OF FORTY-EIGHT (48) INCHES APART IN SEPARATE TRENCHES. WATER LATERALS SHALL BE A MINIMUM OF EIGHTEEN (18) INCHES ABOVE THE SEWER LATERAL (REF. UNIFORM PLUMBING CODE)

CLARK COUNTY PRE-DEVELOPMENT MEETING:
A PRE-DEVELOPMENT MEETING WITH THE DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW DIVISION, OFF-SITE INSPECTOR IS REQUIRED. PLEASE
CONTACT THE INSPECTOR AT (702) 455-4610.

VICINITY MAP (NTS)

APN 138-05-701-055
 APN 138-05-701-056
 APN 138-05-701-057
 APN 138-05-701-058

CRAIG ROAD

HELENA AVENUE

HICKAM AVENUE

EL CAPITAN WAY

DURANGO DRIVE

U.S. NAVIGATION
CHART
ENTERPRISES

Scale: 1" = 1/16"

North Arrow

Scale Bar: 0, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000, 10100, 10200, 10300, 10400, 10500, 10600, 10700, 10800, 10900, 11000, 11100, 11200, 11300, 11400, 11500, 11600, 11700, 11800, 11900, 12000, 12100, 12200, 12300, 12400, 12500, 12600, 12700, 12800, 12900, 13000, 13100, 13200, 13300, 13400, 13500, 13600, 13700, 13800, 13900, 14000, 14100, 14200, 14300, 14400, 14500, 14600, 14700, 14800, 14900, 15000, 15100, 15200, 15300, 15400, 15500, 15600, 15700, 15800, 15900, 16000, 16100, 16200, 16300, 16400, 16500, 16600, 16700, 16800, 16900, 17000, 17100, 17200, 17300, 17400, 17500, 17600, 17700, 17800, 17900, 18000, 18100, 18200, 18300, 18400, 18500, 18600, 18700, 18800, 18900, 19000, 19100, 19200, 19300, 19400, 19500, 19600, 19700, 19800, 19900, 20000, 20100, 20200, 20300, 20400, 20500, 20600, 20700, 20800, 20900, 21000, 21100, 21200, 21300, 21400, 21500, 21600, 21700, 21800, 21900, 22000, 22100, 22200, 22300, 22400, 22500, 22600, 22700, 22800, 22900, 23000, 23100, 23200, 23300, 23400, 23500, 23600, 23700, 23800, 23900, 24000, 24100, 24200, 24300, 24400, 24500, 24600, 24700, 24800, 24900, 25000, 25100, 25200, 25300, 25400, 25500, 25600, 25700, 25800, 25900, 26000, 26100, 26200, 26300, 26400, 26500, 26600, 26700, 26800, 26900, 27000, 27100, 27200, 27300, 27400, 27500, 27600, 27700, 27800, 27900, 28000, 28100, 28200, 28300, 28400, 28500, 28600, 28700, 28800, 28900, 29000, 29100, 29200, 29300, 29400, 29500, 29600, 29700, 29800, 29900, 30000, 30100, 30200, 30300, 30400, 30500, 30600, 30700, 30800, 30900, 31000, 31100, 31200, 31300, 31400, 31500, 31600, 31700, 31800, 31900, 32000, 32100, 32200, 32300, 32400, 32500, 32600, 32700, 32800, 32900, 33000, 33100, 33200, 33300, 33400, 33500, 33600, 33700, 33800, 33900, 34000, 34100, 34200, 34300, 34400, 34500, 34600, 34700, 34800, 34900, 35000, 35100, 35200, 35300, 35400, 35500, 35600, 35700, 35800, 35900, 36000, 36100, 36200, 36300, 36400, 36500, 36600, 36700, 36800, 36900, 37000, 37100, 37200, 37300, 37400, 37500, 37600, 37700, 37800, 37900, 38000, 38100, 38200, 38300, 38400, 38500, 38600, 38700, 38800, 38900, 39000, 39100, 39200, 39300, 39400, 39500, 39600, 39700, 39800, 39900, 40000, 40100, 40200, 40300, 40400, 40500, 40600, 40700, 40800, 40900, 41000, 41100, 41200, 41300, 41400, 41500, 41600, 41700, 41800, 41900, 42000, 42100, 42200, 42300, 42400, 42500, 42600, 42700, 42800, 42900, 43000, 43100, 43200, 43300, 43400, 43500, 43600, 43700, 43800, 43900, 44000, 44100, 44200, 44300, 44400, 44500, 44600, 44700, 44800, 44900, 45000, 45100, 45200, 45300, 45400, 45500, 45600, 45700, 45800, 45900, 46000, 46100, 46200, 46300, 46400, 46500, 46600, 46700, 46800, 46900, 47000, 47100, 47200, 47300, 47400, 47500, 47600, 47700, 47800, 47900, 48000, 48100, 48200, 48300, 48400, 48500, 48600, 48700, 48800, 48900, 49000, 49100, 49200, 49300, 49400, 49500, 49600, 49700, 49800, 49900, 50000, 50100, 50200, 50300, 50400, 50500, 50600, 50700, 50800, 50900, 51000, 51100, 51200, 51300, 51400, 51500, 51600, 51700, 51800, 51900, 52000, 52100, 52200, 52300, 52400, 52500, 52600, 52700, 52800, 52900, 53000, 53100, 53200, 53300, 53400, 53500, 53600, 53700, 53800, 53900, 54000, 54100, 54200, 54300, 54400, 54500, 54600, 54700,

BENCHMARK
CLARK COUNTY BENCHMARK STATION: 8LV00 5C4
CITY OF LAS VEGAS RIVET AND ALUMINUM PLATE IN CONCRETE PAD, NORTH SIDE OF CRAIG
ROAD +/- 30' WEST OF EL CAPITAN WAY.
ELEVATION=742.448 METERS (NAVD'88 v.2003)=2435.85 US SURVEY FEET (NAVD'88 v.2003)

BASIS OF BEARING

NORTH 00°06'41" EAST, BEING THE BEARING OF THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 5, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 134, PAGE 80 OF SURVEYS.

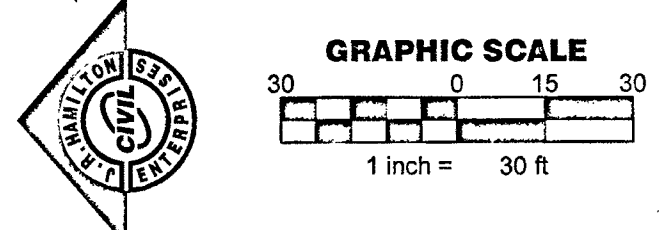
FLOOD ZONE
FIRM PANEL # 32003C2135F, ZONE "X", MAP REVISED DATED NOVEMBER 16, 2011, WHICH IS
DEFINED AS AN AREA OUTSIDE THE 0.2% ANNUAL CHANCE (500-YEAR) FLOOD PLAIN.

LEGAL DESCRIPTION
 LOTS 1, 2, 3, AND 4 IN FILE 121, PAGE 75 OF PARCEL MAPS ON FILE IN THE OFFICE OF THE
 COUNTY RECORDER, CLARK COUNTY, NEVADA, M.D.M.
 APN 138-05-701-055, 056, 057, AND 058

LEGEND

	EP	EDGE OF PAVEMENT
	CL	CENTERLINE
	PL	PROPERTY LINE
	R/W	PUBLIC ROAD RIGHT OF WAY
		EXISTING CURB & GUTTER, SIDEWALK
	BSL	BUILDING SETBACK LINE
		EX. CHAIN LINK FENCE
	EX. WALL	PROPOSED WALL
		ASPHALT SAWCUT LINE
(ELEV) DESC		(ELEV) DESC
EXISTING GRADE		PROPOSED GRADE

	NEW ASPHALT		TRENCH AND BACKFILL (UNPAVED AREAS)
	EX. CONTOUR		FINISH CONTOUR
AC	ASPHALTIC CONCRETE	PP	POWER POLE (C)
APN	ASSESSOR PARCEL NUMBER	PPV	PROPANE TANK
BCR	BRASS CAP	PRV	PRESSURE RIGGING VALVE
BCL	BK OF CURB RETURN	PPV	POLYVINYL CHLORIDE
BSE	BASE FLOOD ELEVATION	REAR	REBAR AND ALUMINUM CAP
BWG	BACK OF BEARING	RET	RETAINING
BSL	BUILDING SETBACK	RPC	REBAR AND PLASTIC CAP
BSW	BACK OF SIDEWALK	SL	STREET LIGHT
BWV	BACK WATER VALVE	SN	SE. NEWARK WATER AUTHORITY
CAB	CABLE / TELEVISION	SP	SERVICE POLE
CB	CABLE BOX	SSOD	SANITARY SEWER CLEANOUT
CC	CENTERLINE	SSU	SANITARY SEWER MANHOLE
CONC	CONCRETE	STA	STATION
CSWCs	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS	SVRZ	SEMI-VISIBILITY RESTRICTION ZONE
DESC	DESCRIPTION	SVR	SEWER
DEW	DRIVEWAY	TEB	TELE-BOX
EB	ELECTRIC BOX	TBC/T	TOP BACK OF CURB
EE	EDGE OF GRAVEL	TEBW	TOP BACK OF SIDE WALK
ELEC	ELECTRIC	TE	TELEPHONE
ELEV	ELEVATION	TF	TRANSFORMER
EM	ELECTRIC METER	TMH	TOP OF MANHOLE
EP	EDGE OF PAVEMENT	TOC	TOE OF SLOPE
ER	EDGE OF ROAD	TS	TOP OF SLOPE
EX	EXISTING	TR	TR-RISE
FF	FINISHED FLOOR	TRW	TOP OF RETAINING WALL
FG	FINISHED GRADE	TSN	TRAFFIC SIGN
FL	FLOW LINE	TW	TOP OF WALL
FNCE	FENCE	TV	TELE-VAULT
FO	FIBER OPTIC	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS
FS	FINISHED SURFACE	UG	UNDERGROUND ELECTRIC
GS	GRADE BREAK	CAVUSD	CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS
GRT	GRATE	GV	VALLEY GUTTER
GW	GUY WIRE	VPC	VERTICAL POINT OF CURVATURE
H	HANDICAP RAMP	VPT	VERTICAL POINT OF TANGENCY
HP	HIGH POINT	WC	WELL CASING
YH/FH	FIRE HYDRANT	WT	WATER TANK
ICV	IRRIGATION CONTROL VALVE	WTR	WATER
IN	INVERT	WW	WATER METER
LF	LINEAR FEET	WW	WATER VALVE
LP	LOW POINT		
MAX	MAXIMUM		
MIN	MINIMUM		
NG/OS	NATURAL GRD / GRND SHOT		
POC	POINT OF CONNECTION		
PPC	POWER POLE CONNECTION		



CLARK COUNTY DEPT OF PUBLIC WORKS
DEVELOPMENT REVIEW
ACCEPTANCE OF PLANS FOR FILING BY

WAM 5/23/17

ACCEPTANCE OF THESE PLANS FOR FILING SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO THE CLARK COUNTY.

L.V.V.W.D. APPROVED FOR CONSTRUCTION

4 DISHAQI, ROR.
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE 5/3/17 PROJECT NO. **125384**
LWWD APPROVED FIRE FLOW **N/A** GPM AT 20 PSI RESIDUAL.
CIVIL IMPROVEMENT PLANS SHEETS: C1-C5

H# 69255 307V1125

[illegible]

DR HORTON
1001 081 WHITNEY RANCH DRIVE • HENDERSON • NEVADA • 89014
TEL: (702) 635-3600 CONTACT: MICHAEL CUDDY

JOHN R. HAMILTON ENTERPRISES, INC.
4946 PEBBLE CREEK AVENUE, LAS VEGAS, NEVADA 89147
TEL: (702) 580-9558 ----- WWW.JRHAMILTONENTERPRISES.COM

PRIVATE STREET
PLAN & PROFILE - NORTH
HELENA AVE / EL CAPITAN WAY
SEWER EXTENSION PLANS
CLARK COUNTY, NEVADA 89129
138-05-701-055, 056, 057, AND 058

SHEET

	HORIZ: 30 VERT: 5
--	----------------------

2002

SUBJECT NO. -200-

PROJ	16-
------	-----




 HAMILTON
 Exp: 06/30/2017
 STATE OF

CIVIL
NEVADA
REGISTRY
No. 015732

CLARK CNTY FIRE:	N/A
CNTY TRAFFIC STDY:	N/A

CNTY ROAD DISTD:	N/A
CNTY DRAINAGE STD:	N/A
CCRCD:	N/A
	N/A

CCWRD:	N/A
LVWD:	125384

CNTY CIVIL IMP PLANS:	17-9028
CLV HANSEN:	69255
PAGE:	

5 OF 5 SHEETS

AS BUILDS