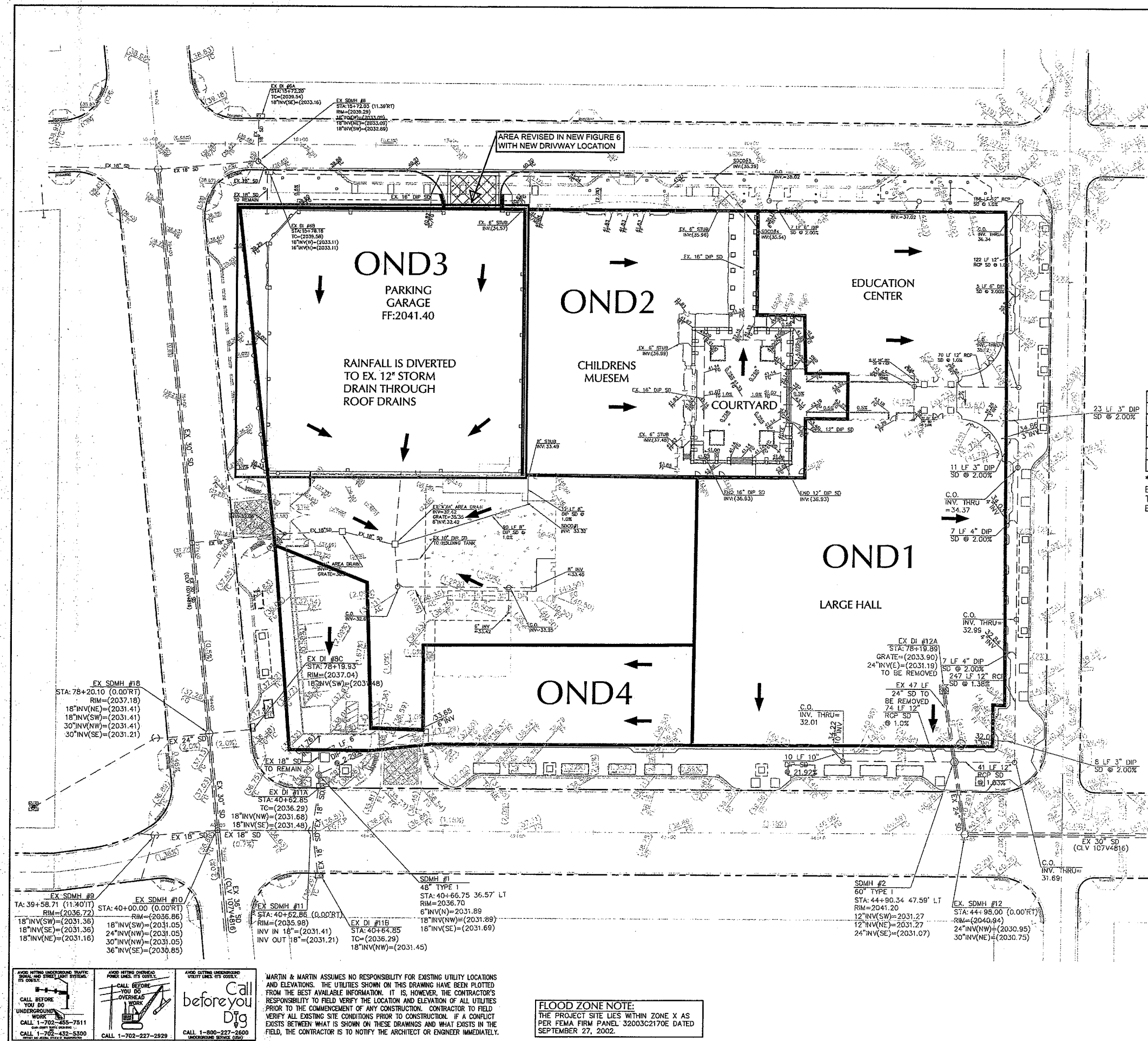


BASIS OF BEARING
NORTH 03°50'03" WEST, BEING THE CENTERLINE OF GRAND CENTRAL PARKWAY, NORTH OF BONNEVILLE AVENUE AS SHOWN IN FILE 116, PAGE 12 OF SURVEYS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

BENCHMARK
CITY OF LAS VEGAS BM NO. 01V01 3366, A RIVET AND SQUARE PLATE IN THE NORTHWEST CURB RETURN OF BONNEVILLE AVE. @ GRAND CENTRAL PARKWAY
ELEVATION: 2036.09 (FEET) (NAVD 88)
620.6014 (METERS)

DRAINAGE LEGEND

— BASIN BOUNDARY
→ FLOW DIRECTION
OND1 AREA DESIGNATION

BASIN FLOW SUMMARY				
BASIN ID	AREA (ACRES)	AREA (RATIO)	Q ₁₀ (cfs)	Q ₁₀₀ (cfs)
OND1	1.39	35%	2	3.5
OND2	0.74	19%	1	2
OND3	1.41	35%	2	3.5
OND4	0.44	11%	1	1
TOTAL	3.98	100%	6*	10

* NOTE THE 6 CFS SHOWN (AS OPPOSED TO THE 5 CFS SHOWN BY KHA) IS DUE TO ROUNDING ERRORS IN THE FLOW RATES. THIS ANALYSIS REPRESENTS A SLIGHTLY INCREASED ESTIMATE OF THE 10-YR FLOW FOR EACH BASIN.

LEGEND		LEGEND	
	FUTURE WATER LINE		FUTURE SLOPE
	EXISTING WATER LINE		FUTURE ELEVATION/GRADING TAG
	FUTURE SANITARY SEWER LINE		FUTURE PL-RIGHT-OF-WAY
	EXISTING SANITARY SEWER LINE		FUTURE PL-ADJACENT CENTERLINE
	FUTURE GAS LINE		FUTURE EASEMENT LINE
	EXISTING GAS LINE		FUTURE FLOW LINE
	FUTURE STORM DRAIN		FUTURE CONTOUR
	EXISTING STORM DRAIN		FUTURE SCREEN/RETAINING WALL
	FUTURE FIRE HYDRANT		FUTURE CHAIN LINK FENCE
	EXISTING FIRE HYDRANT		FUTURE WIRE FENCE
	FUTURE FIRE DEPARTMENT CONNECTION		FUTURE GUARDRAIL
	EXISTING FIRE DEPARTMENT CONNECTION		FUTURE SIGN POLE
	FUTURE GAS VALVE		FUTURE AC PAVEMENT
	EXISTING GAS VALVE		FUTURE 6\"/>
	FUTURE METERS/PULL BOXES		FUTURE 24\"/>
	EXISTING METERS/PULL BOXES		FUTURE 30\"/>
	FUTURE REDUCER		FUTURE CONCRETE
	EXISTING REDUCER		FUTURE LANDSCAPING
	FUTURE SEWER CLEANOUT		FUTURE SITE VISIBILITY LINE
	EXISTING SEWER CLEANOUT		
	FUTURE STORM CLEANOUT		
	EXISTING STORM CLEANOUT		
	FUTURE UTILITY POLE		
	EXISTING UTILITY POLE		
	FUTURE DRAIN INLET		
	EXISTING DRAIN INLET		
	FUTURE AREA LIGHT		
	EXISTING AREA LIGHT		
	FUTURE STREET LIGHT		
	EXISTING STREET LIGHT		
	FUTURE 100 W HPS		
	EXISTING 100 W HPS		
	FUTURE 150 W HPS		
	EXISTING 150 W HPS		
	FUTURE 200 W HPS		
	EXISTING 200 W HPS		
	FUTURE 250 W HPS		
	EXISTING 250 W HPS		

THE SMITH CENTER
FOR THE PERFORMING ARTS
APN: 139-34-110-006
PROPOSED DRAINAGE MAP

MARTIN & MARTIN
CIVIL ENGINEERS
& SURVEYORS
2101 S. JONES BLVD
SUITE 120
LAS VEGAS, NV 89146
PHONE (702) 248-8000
FAX (702) 248-8070

SHEET NUMBER
FIG 6
SHEET 1 OF 1

Call before you dig
CALL 1-702-455-7511
CALL 1-702-455-5300
CALL 1-800-227-2600

MARTIN & MARTIN ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

FLOOD ZONE NOTE:
THE PROJECT SITE LIES WITHIN ZONE X AS PER FEMA FIRM PANEL 32003C2170E DATED SEPTEMBER 27, 2002.