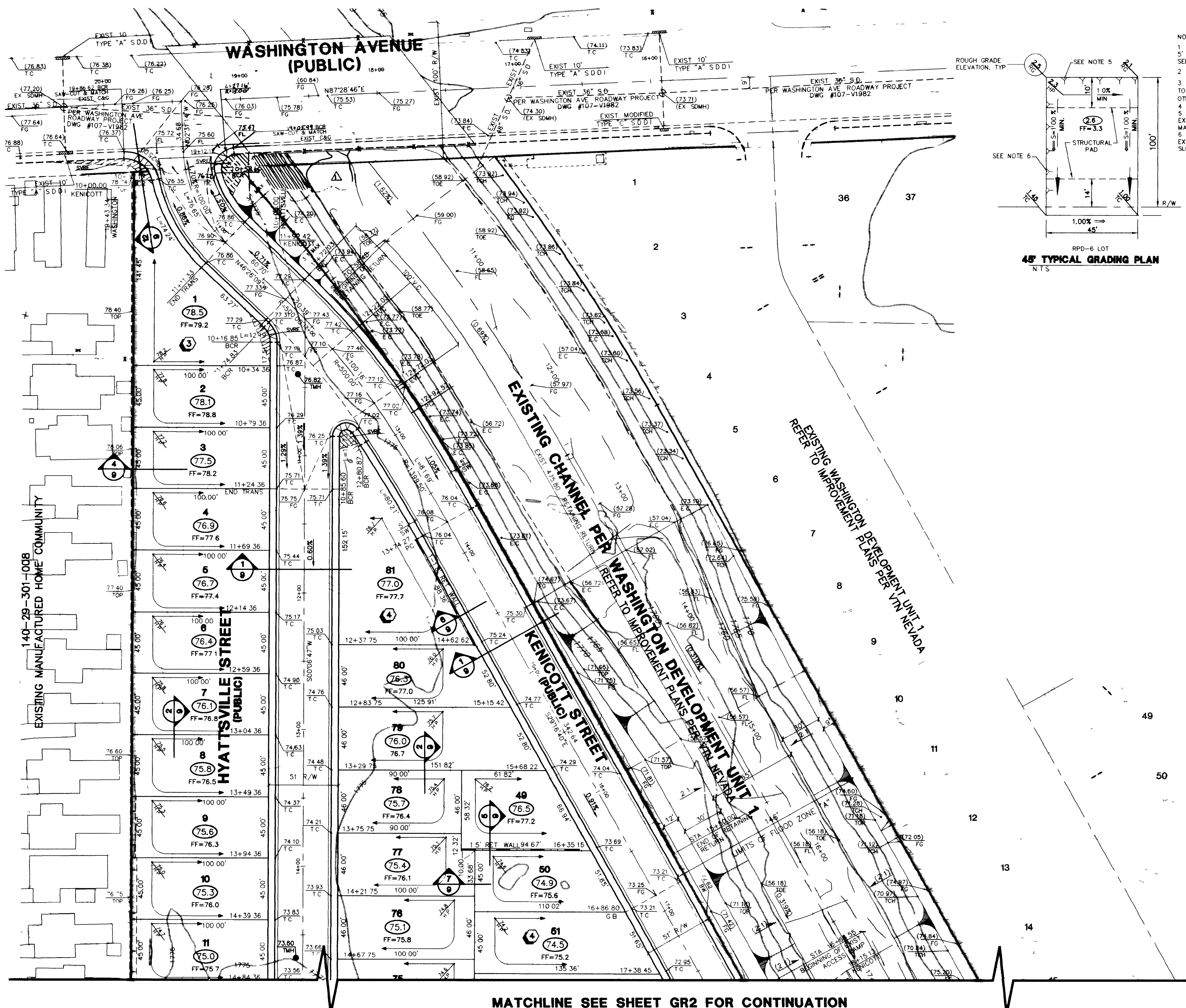
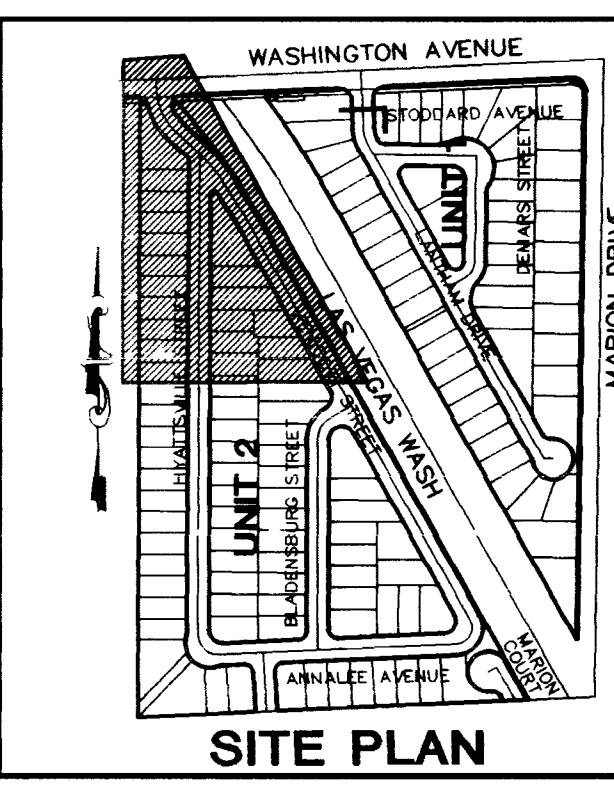
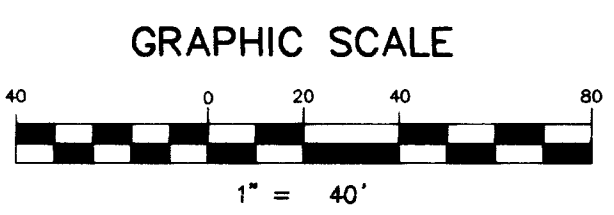
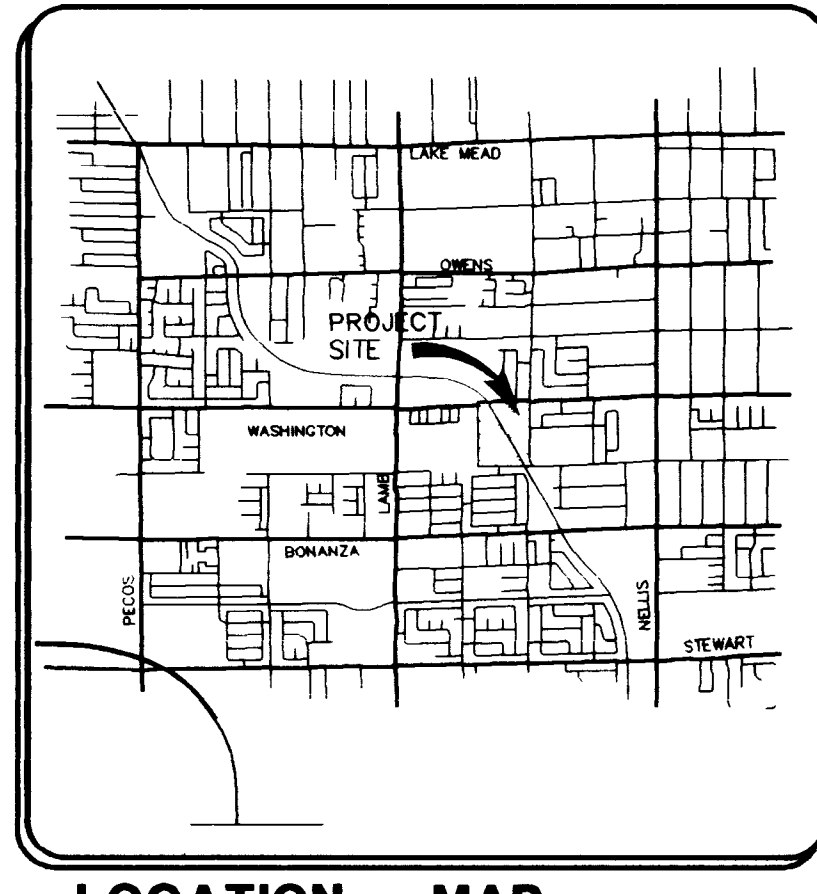
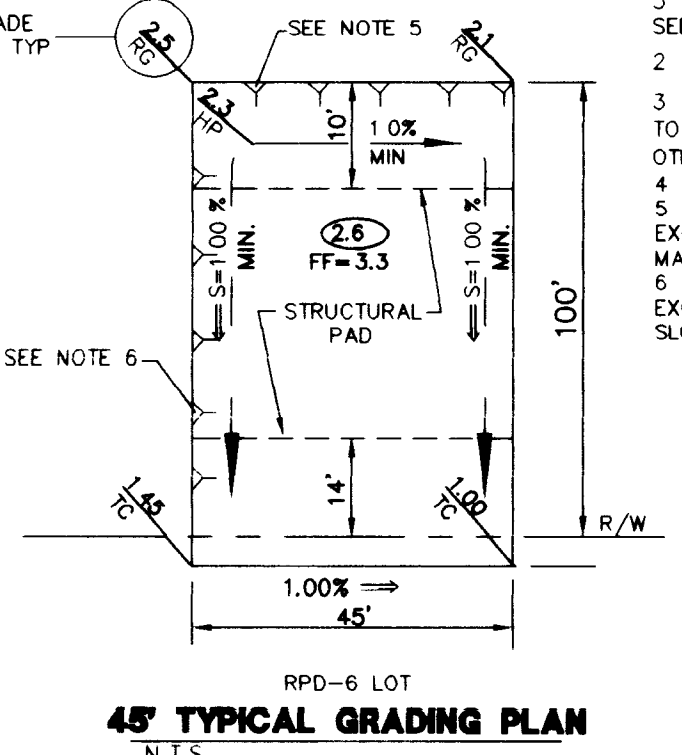


140-29-201
EX.SINGLE FAMILY



NOTES
1. STRUCTURAL PAD SHALL BE 5' BEYOND BLDG. SETBACK SEE TYPICAL GRADING SECTION
2. REFER TO GENERAL NOTE 1
3. REAR LOT CORNER GRADES ARE EQUAL TO ADJACENT LOTS UNLESS SHOWN OTHERWISE
4. MINIMUM SIDEYARD X-SLOPE SHALL BE 2%
5. MAXIMUM REAR YARD SLOPE IS 2.1 AS SHOWN, EXCEPT THAT WITHIN 10' OF THE HOUSE THE MAXIMUM SLOPE IS 12.1
6. MAXIMUM SIDEYARD SLOPE IS 5.1 AS SHOWN EXCEPT THAT WITHIN 5' OF THE HOUSE THE MAXIMUM SLOPE IS 12.1



LEGEND

8	LOT NUMBER	VG	VALLEY GUTTER
8	BLOCK NUMBER	FG	FINISH GRADE
EX	EX. CONTOUR (5' INTERVAL)	FL	FLOW LINE
EX	EX. CONTOUR (1' INTERVAL)	TC	TOP OF CURB
PROPOSED	PROPOSED CONTOUR	TRC	TOP OF ROLL CURB
CONCRETE	CONCRETE BLOCK WALL	BC	BACK OF CURB
RETAINING	RETAINING WALL	BOR	BEGIN CURB RETURN
PROPOSED	PROPOSED PAD GRADE	EX	EXISTING
EX/FUTURE	EX/FUTURE PAD GRADE	GB	GRADE BREAK
SCARP	SCARP AREA	PC	POINT OF CURVATURE
SIDEWALK	SIDEWALK RAMP	PRC	POINT OF REVERSE CURVATURE
PAD	PAD SLOPES	PCC	POINT OF COMPOUND CURVATURE
0.8%	DIRECTION & RATE OF SLOPE	BVC	BEGIN VERTICAL CURVE
		MVC	MID-POINT OF VERTICAL CURVE
		ENC	END VERTICAL CURVE
		PRVC	POINT OF REVERSE VERTICAL CURVE
		PT	POINT OF TANGENCY
		NG	NATURAL GROUND
		TF	TOP OF FOOTING
		OSC	OFFSET CROWN

- CITY OF LAS VEGAS GRADING NOTES**
- IN THE EVENT THAT ANY UNFORSEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
 - 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.
 - CONTRACTOR SHALL TAKE 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.
 - THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
 - 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 WATER POLLUTION PREVENTION PLAN (SWPPP).
 - CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

	HORIZONTAL	VERTICAL COMPACTION
A. PAVEMENT AREA SUBGRADE	0.1" ±	0.0" to 0.1" See Soils Report
B. ENGINEERING FILL	0.5" ±	+0.1" to 0.1" See Soils Report

COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.
 - ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
 - 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.
 - 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 ALL 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.
 - IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

PROJECT BENCHMARK
PROJECT DATUM: NAVD83
CITY OF LAS VEGAS BENCHMARK #33 2LV022956
NAVD83 ELEVATION: 538.6584 METERS (1767.248 FEET)
CITY OF LAS VEGAS BM 2LV022956, RIVET AND PLATE IN TOP OF CURB EAST CURB LINE, MARION DRIVE AND ARROWROOT AVENUE.

BASIS OF BEARINGS
SOUTH 87°28'46" EAST, BEING THE NORTH LINE OF THE SOUTHWEST QUARTER (SE 1/4) OF SECTION 29, TOWNSHIP 20 SOUTH, RANGE 02 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY, ON FILE IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA, IN FILE 35 OF SURVEY MAPS, AT PAGE 64.

Call before you Dig
1-800-227-2600
Call before you Dig OVERHEAD
1-702-593-6111

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

"I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT"

ENGINEER

DATE

AMSTAR HOMES
4570 S EASTERN AVE #28
LAS VEGAS, NV 89119
(702) 600-2823

GRADING PLAN

WASHINGTON DEVELOPMENT UNIT 2

LEGEND

PROFESSIONAL ENGINEER
KENNETH J. NICHOLSON
CIVIL
No. 10539
STATE OF NEVADA
47600

SHEET
6 OF 21 SHEETS
DRAWING NO.
1024-4637-2