

[illegible]

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. REVISIONS TO THE SPECIFICATIONS SHALL BE MADE BY THE OWNER/ENGINEER AND SHALL FALL 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, ADJACENT 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 CONTRACTOR IS WARRANTED THAT AN EARTHWORK BALANCE WAS NOT NECESSARY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS REMAINS THE RESPONSIBILITY OF THE CONTRACTOR.

5. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.

6. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING TOLERANCES: HORIZONTAL, VERTICAL, TOLERANCES AND GRADIENTS OF SLOPES, IN THE AREAS INDICATED:

HORIZONTAL, VERTICAL, COMPACTED

A PAVEMENT AREA SUBGRADE: $\pm 0.4''$ $\pm 0.1''$ $\pm 0.1''$ SEE SLOPES REPORT

7. BENCHMARKED PVI $\pm 0.4''$ $\pm 0.1''$ $\pm 0.1''$ SEE SLOPES REPORT

8. CONSTRUCTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.

9. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.

10. THE EROSION CONTROL MEASURES SHALL BE DESIGNED AND CONSTRUCTED FOR EROSION CONTROL PURPOSES INCLUDING CONSOLIDATION OF BACULI OR DUST CONTROL. IS PROHIBITED THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION.

11. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED. THE PUBLIC SHALL BE KEPT SAFE AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN 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 CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMES, ROAD SIGNS AND BARRICADES, ETC.

1. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, WUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT HAVE BEEN DEPOSITED TO, OR ACCUMULATE IN, THE PUBLIC RIGHT OF WAYS OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED BY THE OWNER AND HIS OR HER AGENT IN THE EVENT OF DRAIN PROBLEMS OR IF THE SUBMITTAL PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF LAS VEGAS AND THE LAS VEGAS VALLEY COUNCIL OF GOVERNMENTS BEST MANAGEMENT PRACTICES MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN FOURTEEN (14) DAYS AFTER CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO STORMWATER GENERAL PERMIT NUR100000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS, EQUIPMENT, AND AREAS THAT HAVE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL BMP'S PRIOR TO A FORECASTED RAIN EVENT AND WITHIN 24 HOURS AFTER SUCH AN ACTUAL EVENT. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS FROZEN WEATHER, UNUSUAL EXTENSION OF DURATION OF LAND RESTORATION ACTIVITIES. REFER TO STORMWATER GENERAL PERMIT NUR100000, SECTION III.A.2.
5. ACCUMULATED SEDIMENT IN BMP'S SHALL BE REMOVED WITHIN SEVEN (7) DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR MORE.

SOUTH 89°31'42" EAST, BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 6, TOWNSHIP 21 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA, AND BEING THE CENTERLINE OF A PORTION OF SAHARA AVENUE AS SHOWN BY MAP IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN BOOK 75, PAGE 84 OF PLATS.

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 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.

CLARK COUNTY BENCHMARK STATION 7C11654.
BRASS CAP - NDOT AT NORTHWEST CORNER OF SAHARA AND ARVILLE.

ELEVATION:
FEET = 2182.74' (NAVD88)
METERS = 665.229 M (NAVD88)

Avoid hitting overhead power lines. It's costly.

**Call
before you
Overhead**

1-702-593-6111

Call before you Dig
 Avoid hitting underground
 utility lines. It's Costly.

**Call
 811**

OR
 1-800-227-2800

AND
 OUR COUNTY OFFICE LOCATIONS
 1-702-455-7544

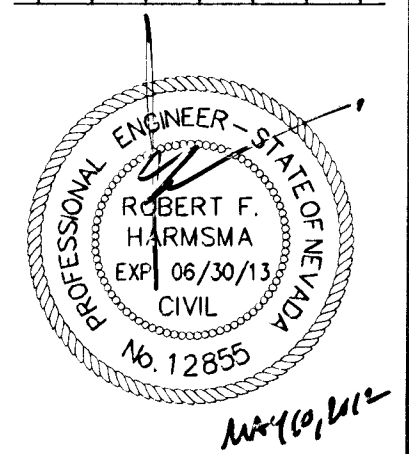
Call before you UnderGround

1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-432-5300
LAS VEGAS AREA COMMERCE/INDUSTRIAL SYSTEMS

LEV.	ELEVATION	PL	PROPERTY LINE
EMBK	EMBANKMENT	PROP	PROPOSED
EC	END OF CURVE	PB	PULL BOX
EVC	END VERTICAL CURVE	RP	RADIUS POINT
EK	EXISTING	R	RADIUS
F.A.S.T.	FREWAY & ARTERIAL SYSTEMS OF TRANSPORT	RR	RAILROAD
FT	FEET/FOOT	REINF	REINFORCEMENT
FG	FINISH GRADE	RC	REINFORCED CONCRETE
FA	FIRE ALARM	RCB	REINFORCED CONCRETE BOX
FL	FIRE HYDRANT	REC	REINFORCED CONCRETE PIPE
FL	FLOW LINE	RELOC	RELOCATE
FO	FIBER OPTIC GALVANIZED	R	RIGHT
GALV	GAS METER	R/W	RIGHT OF WAY
QM	GAS PRESSURE REGULATOR	RD	ROAD
GR	GRADE BREAK	SS	SANITARY SEWER
GB	GUTTER	S/O	SOUTH OF
GUT	GUTTER	SW	SIDEWALK
HDWL	HEADWALL	SF	SQUARE FEET
HPI	HIGH POINT	SY	SQUARE YARD
IN	INCH	STA.	STATION
INT.	INTERSECTION	SHD	STEEL HIGH-PRESSURE PIPE
INV.	INVERT	STD	STANDARD
JB	JUNCTION BOX	STRCT	STRUCTURE
LOC	LENGTH OF CURB	STLT	STREETLIGHT
L	LEFT	SVZ	SIGHT VISIBILITY ZONE
LF	LINEAR FEET	T	TELEPHONE
LP	LOW POINT	TB	TOP OF BERM
LVWD	LAS VEGAS VALLEY WATER DIST.	TB	TO BE REMOVED
MH	MANHOLE	TBR	TO BE REMOVED
MAX	MAXIMUM	TC	TOP OF CURB
MIN	MINIMUM	TOF	TOP OF FOOTER
N/O	NORTH OF	TEMP	TEMPORARY
NIS	NOT TO SCALE	TP	TOP OF PIPE
NVDR	NEVADA POWER FEEDER	TS	TRAFFIC SIGNAL
OC	ON CENTER	TW	TOP OF RETAINING WALL
PMT	PAVEMENT	TSI	TRAFFIC SIGNAL INTERCONNE
PI	POINT OF INTERSECTION	TRANS.	TRANSITION
PRC	POINT OF REVERSE CURVE	TYP	TYPICAL
PC	POINT OF CURVE	UG	UNDERGROUND
PT	POINT OF TANGENCY	VAR	VARIABLE
PCC	POINT OF COMPOUND CURVE	VERT.	VERTICAL
PCC, CONC.	PORTLAND CEMENT CONCRETE	VC	VERTICAL CURVE
P	POWER POLE	VG	VALLEY GUTTER
P	POWER	VPR	VALLEY PIPE

DESCRIPTION	EXISTING	PROPOSED
BOUNDARY LINE	---	---
RIGHT OF WAY	---	---
LOT LINE	---	---
CENTERLINE	---	---
TYPE "A" CURB	=====	=====
TYPE "L" CURB	=====	=====
EDGE OF PAVEMENT	=====	=====
WATER LINE	12" W	12" W
12" SANITARY SEWER LINE	12" SS	12" SS
UNDERGROUND POWER LINE	PWR	PWR
UNDERGROUND TELEPHONE LINE	TEL	TEL
CYCLOPE FENCING	X	X
OVERHEAD UTILITY LINES	OH	OH
UNDERGROUND CABLE TV	TV	TV
NATURAL GAS LINE	4"G	4"G
SCREEN WALL	=====	=====
RETAINING WALL	=====	=====
WATER VALVE		
WATER METER		
FIRE HYDRANT		
FIRE DEPARTMENT CONNECTION		
AIR-RELEASE VALVE		
REMOVABLE BOLLARD (UNLESS NOTED)		
UNDERGROUND POWER VAULT		
UNDERGROUND TELEPHONE VAULT		
UNDERGROUND WATER VAULT		
UNDERGROUND CABLE VAULT		
TRAFFIC SIGNAL BOX		
GAS METER		
STREET LIGHT 100W HPS		
UTILITY POLE		
STORM MANHOLE		
TELEPHONE MANHOLE		
POWER MANHOLE		
SANITARY MANHOLE		
TRAFFIC SIGN		
DECIDUOUS TREE		
PALM TREE		
CONIFER TREE		
A/C PAVING		
GRAVEL		
CONCRETE		

GENERAL NOTES
SAHARA CROSSING
J + F CONSTRUCTION LLC
LAS VEGAS, NEVADA

[illegible]

DATE	04/04/2012
DRAWN	MK
DESIGNED	MK
CHECKED	RFH
PROJECT #	310949LD

SHEET TITLE
GENERAL NOTES

SHEET NUMBER 2 OF 4 SHEETS

C-002

QUANTITY 101165.75

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