

BENCHMARK

CLV BM #24/1LV10 55WS
RIVET & PLATE IN CURB, NE RETURN OF
FORT APACHE ROAD & SAHARA AVENUE.

NAVD 88 DATUM
ELEVATION = 850.0740 METERS
ELEVATION = 2788.951 U.S. SURVEY FEET

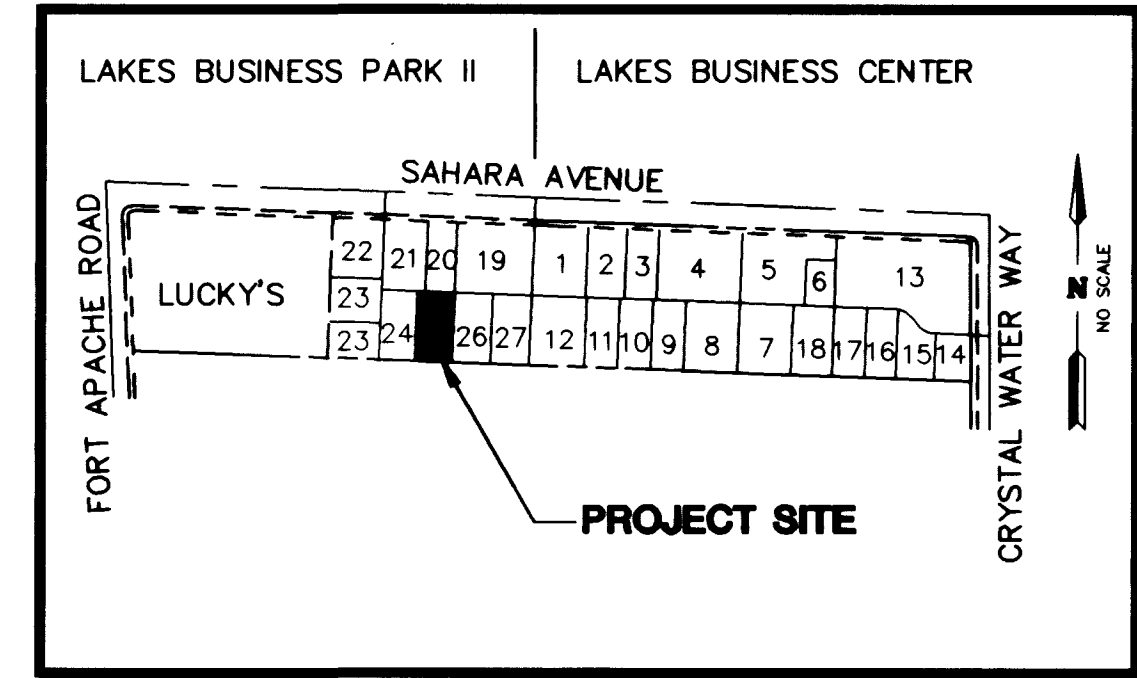
EQUATION FOR NGVD 29
U.S. SURVEY FEET MINUS 2.45 FEET

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE EAST LINE OF LOT 24
WHICH BEARS NORTH 02°05'27" EAST AS SHOWN BY A MAP ON FILE IN THE
OFFICE OF THE CLARK COUNTY, NEVADA, RECORDER IN FILE 87 ON PAGE 7 OF
SURVEYS, SITUATED IN THE NORTHWEST (NW1/4) OF SECTION 8, TOWNSHIP 21 SOUTH,
RANGE 60 EAST, M.D.M.

NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT
SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT
VERTICAL AND HORIZONTAL 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.



AREA MAP

SCALE: NONE

COORDINATE TABLE

PROPERTY CORNERS		
DESCRIPTION	NORTHING	EASTING
A	4414.7138	6006.9765
B	4643.5613	6015.3313
C	4638.9969	6140.3565
D	4410.1494	6132.0017
BUILDING CORNERS		
DESCRIPTION	NORTHING	EASTING
E	4465.8670	6037.9719
F	4567.5493	6041.6841
G	4565.3602	6101.6442
H	4463.6780	6097.9319

LINE TABLE

No.	BEARING	DISTANCE
L1	S02°05'27" W	13.69
L2	N42°49'35" W	26.83
L3	N87°47'01" W	7.17
L4	S87°54'33" E	14.12
L5	N47°10'25" E	7.70
L6	N05°42'41" W	19.05

CURVE TABLE

No.	RADIUS	DELTA	LENGTH	TANGENT
C1	20.00'	90°00'00"	31.42'	20.00'
C2	33.00'	55°51'14"	32.17'	17.49'
C3	5.00'	90°00'00"	7.85'	5.00'
C4	3.00'	92°05'27"	4.82'	3.11'
C5	5.00'	43°55'23"	5.50'	3.10'
C6	5.00'	57°38'13"	5.03'	2.75'
C7	5.00'	45°00'00"	3.93'	2.07'
C8	9.50'	90°00'00"	14.92'	9.50'
C9	10.00'	69°41'32"	12.16'	6.96'
C10	3.00'	52°40'15"	2.76'	1.49'
C11	10.00'	120°12'46"	20.98'	17.40'
C12	22.00'	21°27'34"	8.24'	4.17'
C13	2.00'	69°05'51"	2.41'	1.38'

LEGEND

DESCRIPTION	PROPOSED	EXISTING
SCARP		
CENTERLINE		
RIGHT-OF-WAY		
PROPERTY LINE		
CONSTRUCTION		
CONTOUR		
CHAIN LINK FENCE		
MODIFY CURB FACE		
ADA ROUTE		
SEWER MAIN		
WATER		
EXIST. GAS		
EXIST. TELEPHONE		
EXIST. ELECTRICAL		
EXIST. FENCE		
EXIST. CABLE TELEVISION		
PAD ELEVATION		
TRAFFIC SIGNAL POLE WITH LUMINAIRE		
TRAFFIC SIGNAL POLE		
TRAFFIC CONTROL SIGN		
100 W LUMINAIRE		
PULL BOX		
VALVE		
FIRE HYDRANT		
MONUMENT		
"L" CURB & GUTTER		
"A" CURB & GUTTER		
SIDEWALK RAMPS		
IRRIGATION VALVE		
PLANTER		

PARKING REQUIREMENTS

TOTAL REQUIRED	TOTAL PROVIDED	# OF STANDARD STALL	# OF COMPACTED STALL	VAN ACCESSIBLE	STD HANDICAP
20	25	10	13	1	1

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED
DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF LAS VEGAS

Timothy P. Echeverria
TIMOTHY P. ECHEVERRIA, P.E. #10208

12-15-95
DATE

1-28-95
REMOVED 3" AC ACCESSIBLE ROUTE,
ADDED TRANSFORMER & WATER DIST.
CONK. PADS & REVERSED PARKING

BJC INVESTMENTS, LLC
5195 LAS VEGAS BLVD. South
LAS VEGAS, NV 89119
(702)736-6151

MASTER GRADING PLAN
CITY OF LAS VEGAS

SHEET

DESIGNED BY: H.O.L.

SEP. 98

DESIGNED BY: H.O.L.

SEP. 98

CHECKED BY:

PROJECT NO: 550 D010

SCALE: 1" = 20'

TITLE

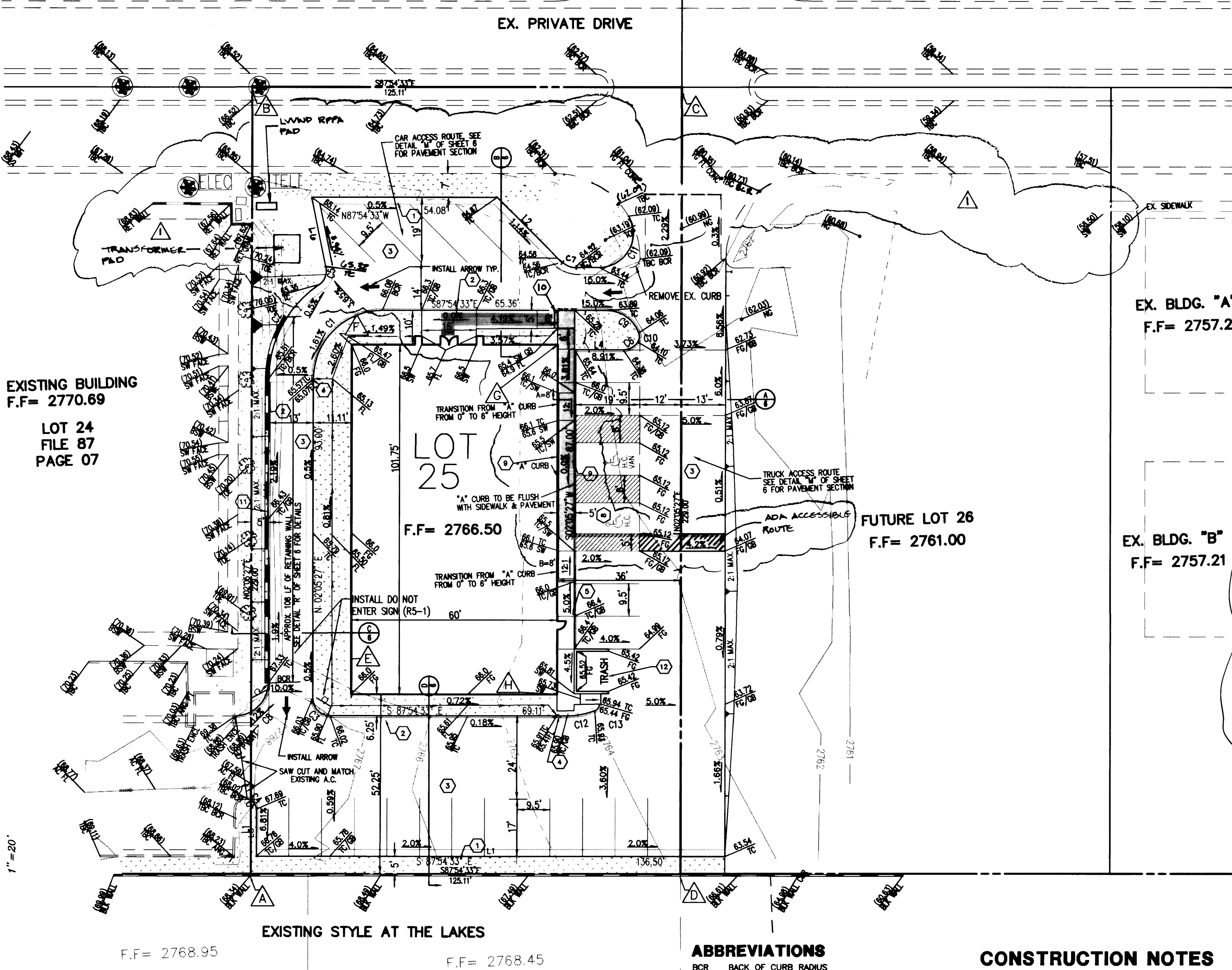
LOT 25 @

LAKES BUSINESS PARK

4 OF 6

DRAWING NO: 107-V3038

107-V3038



ABBREVIATIONS

BCR BACK OF CURB RADIUS
C/L CENTERLINE
GB GRADE BREAK
R/W RIGHT OF WAY
AVE AVENUE
ST STREET
BM BENCHMARK
BVC BEGIN VERTICAL CURVE
PVI POINT VERTICAL INTERSECTION
EVC END VERTICAL CURVE
CLV CITY OF LAS VEGAS
CY CUBIC YARD
SY SQUARE YARD
SF SQUARE FEET
LF LINEAR FEET
TC TOP OF 6 INCHES CURB
FG FINISH GRADE
FL FLOWLINE
FF FINISH FLOOR
EP EDGE OF PAVEMENT
EXIST EXISTING
FH FIRE HYDRANT
RT RIGHT
PB PULLBOX
PP POWER POLE
PVC POLYVINYL CHLORIDE
VG VALLEY GUTTER
VC VERTICAL CURVE
WM WATER METER
W WATER
TP TELEPHONE POLE
TYP TYPICAL
TOB TOP OF BERM
SW SIDEWALK

CONSTRUCTION NOTES

- CONSTRUCT "L" TYPE CURB PER DETAIL
- CONSTRUCT "A" TYPE CURB PER DETAIL
- CONSTRUCT AC PAVEMENT PER DETAIL
- CONSTRUCT 3" DEPRESSED CURB FACE
- CONSTRUCT 4" WALKWAY (36" WIDE MIN.)
- CONSTRUCT ACCESSIBLE LOAD ZONE AND PARKING PER DETAIL
- CONSTRUCT ADA RAMP
- CONSTRUCT 24 INCH SIDEWALK UNDERDRAIN
- CONSTRUCT RETAINING WALL
- TRASH ENCLOSURE
- INSTALL GUARDRAILS

NOTE

SEE SHEET 5 OF 6 FOR QUANTITY ESTIMATES

CONSTRUCTION NOTES

- ALL EXISTING UTILITY STRUCTURES WITHIN CONSTRUCTION AREA SHALL BE ADJUSTED TO MATCH FINISH GRADE (I.E. WV, BOX, WMH, ANNODE BOX, FH, TEL BOX, ETC).
- ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES AND TO NOTIFY THE DESIGN ENGINEER IMMEDIATELY ON ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

Call
before you
Overhead

1-702-593-8111
NEADA POWER ENVIRONMENT &
SAFETY SERVICES DEPARTMENT

Call
before you
Dig.

1-800-227-2600
UNDERGROUND SERVICE (USA)

RESEARCH DESIGN

RESEARCH

[illegible]

NAME OF DELEGATION

THE BUREAU OF ECONOMIC ANALYSIS HAS PUBLISHED AN INTERESTING REPORT ON THE
EFFECTS OF THE RECENT RECESSION ON THE ECONOMY OF THE UNITED STATES. THE
REPORT, WHICH IS THE SECOND OF A SERIES OF REPORTS ON THE RECENT RECESSION,
WAS PUBLISHED BY THE BUREAU OF ECONOMIC ANALYSIS, DEPARTMENT OF COMMERCE.

NOTE

NOTES:



APRA MAN

COORDINATE TABLE

TOTAL 1970-1974		
NUMBER OF	NUMBER OF	NUMBER OF
1	100,000	100,000
2	200,000	200,000
3	300,000	300,000
4	400,000	400,000

[illegible]

IN	NO.	COURSE	UNIT	NO.
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1	2	102	2	2
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1	4	104	4	4
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1	6	106	6	6
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1	100	200	100	100

1

BARBARA SCHWARTZ



I HEREBY CERTIFY THE ABOVE IS TRUE ACCORDING TO THE INFORMATION
 FURNISHED TO ME BY THE PERSON OR PERSONS WHOSE NAME OR NAMES
 ARE GIVEN HEREIN.

 SPECIAL AGENT IN CHARGE

CONSTRUCTION NOTES

- 1) **RESEARCH** TO FIND THE BEST SOLUTION 
- 2) **ANALYSIS** OF THE DATA AND THE RESULTS 
- 3) **DESIGN** OF THE SYSTEM 
- 4) **IMPLEMENTATION** OF THE SYSTEM 
- 5) **EVALUATION** OF THE SYSTEM 
- 6) **MAINTENANCE** OF THE SYSTEM 
- 7) **UPDATING** OF THE SYSTEM 
- 8) **REVISION** OF THE SYSTEM 
- 9) **REDESIGN** OF THE SYSTEM 
- 10) **REPLACEMENT** OF THE SYSTEM 
- 11) **REPAIR** OF THE SYSTEM 
- 12) **REUSE** OF THE SYSTEM 
- 13) **RECYCLING** OF THE SYSTEM 
- 14) **REPAIR** OF THE SYSTEM 
- 15) **REUSE** OF THE SYSTEM 
- 16) **RECYCLING** OF THE SYSTEM 
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- 18) **REUSE** OF THE SYSTEM 
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- 21) **REUSE** OF THE SYSTEM 
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- 24) **REUSE** OF THE SYSTEM 
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- 27) **REUSE** OF THE SYSTEM 
- 28) **RECYCLING** OF THE SYSTEM 
- 29) **REPAIR** OF THE SYSTEM 
- 30) **REUSE** OF THE SYSTEM 

CONSTRUCTION NOTES

1. NAME OF THE PARTY OR PERSON
2. DATE AND TIME OF THE MEETING
3. LOCATION OF THE MEETING
4. NAME OF THE PERSON WHO CALLED THE MEETING

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July 2001 Overhead 11:00 AM 11:00 AM	July 2001 Overhead 11:00 AM 11:00 AM
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	ORDER NO. _____ DATE _____	PROJECT NO. _____ DATE _____	SHEET NO. _____ TOTAL SHEETS _____
	CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS DIVISION OF STREETS AND SANITATION	PROJECT NAME MASTER GRADING PLAN CITY OF LOS ANGELES	PROJECT LOCATION LOT 200 LAMAR STREET CORNER PLANNING
DRAWN BY CHECKED BY DESIGNED BY IN CHARGE	DATE DATE DATE DATE	SCALE SCALE SCALE SCALE	SCALE SCALE SCALE SCALE