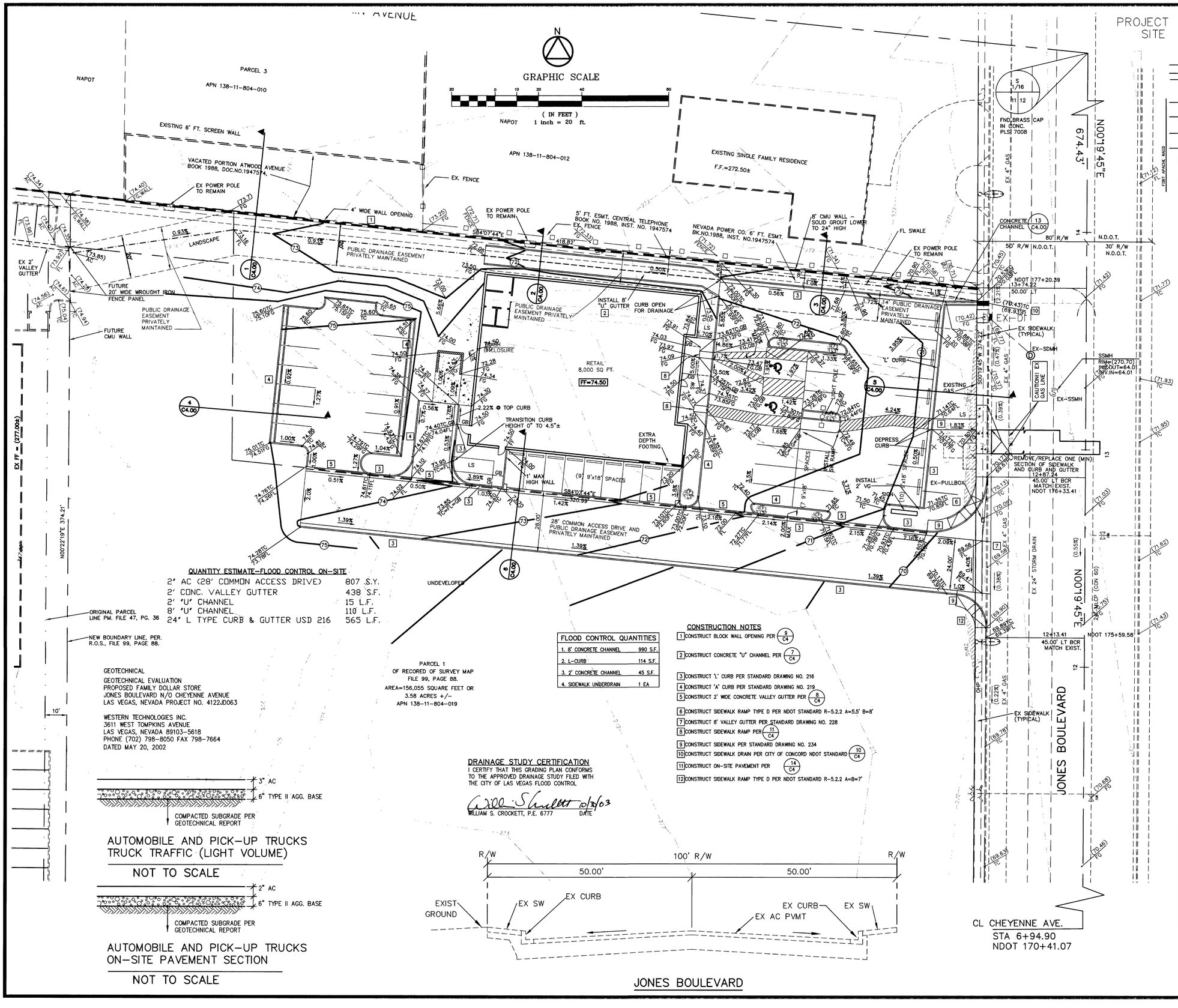

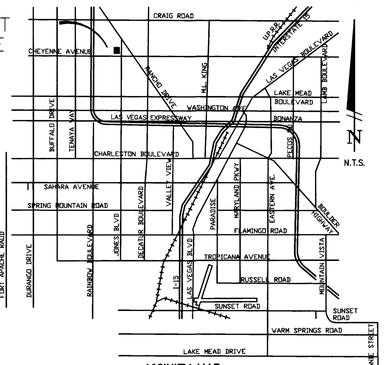

VICINITY MAP

APN: 138-11-804-019

BENCHMARK

CLARK COUNTY VERTAL CONTROL
BENCHMARK # 1LV0012SWS
RIVET & PLATE IN TOP OF CURB AT THE NORTHEAST CURB RETURN OF CHEYENNE AVNUE AND JONES BOULEVARD.

METERS = 691.6561
FEET= 2,269.21 (NAVD88)

BASIS OF BEARING

N 00°19'45 E
THE EAST LINE OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 11, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.B.&M., AS SHOWN ON FILE 99, PAGE 88, OF SURVEY, IN THE OFFICE OF THE RECORDER, CLARK COUNTY, NEVADA.

GRADING NOTES

1. SLOPES 4:1 OR STEEPER AND FINE-GRAINED MATERIALS THAT HAVE BEEN DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH BURLAP OR OTHER EROSION CONTROL FABRIC/MATERIAL, UNLESS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
2. CONTRACTOR SHALL DETERMINE HIS OWN FOOTING OR BASEMENT EXCAVATION QUANTITIES, EVEN THOUGH SHOWN ON ROUGH GRADING PLANS. ADDITIONALLY, STRUCTURE BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL NOTIFY DELTA ENGINEERING WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. DELTA ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY "CORRECTIVE" WORK DONE BY OTHERS.
4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE. NO PONDING ALLOWED.
5. REFERENCE GEOTECHNICAL REPORT FOR GRADING REQUIREMENTS.

EARTHWORK QUANTITIES

1. ESTIMATED EARTHWORK QUANTITIES TO ROUGH GRADE EXCLUDING SHRINKAGE AND SUBSIDENCE ARE AS FOLLOWS:

100 C.Y. FILL
100 C.Y. CUT
0 C.Y. EXPORT

2. THE CONTRACTOR SHALL VERIFY ALL EARTHWORK CALCULATIONS AND BASE ALL BIDS ON HIS OWN CALCULATIONS.

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig— 1-800-227-2600
(NORTHERN NEVADA ALERT (USA))

AVOID OVERHEAD POWER LINE CONTACT
Call before you OVERHEAD 1-702-227-2929
NEVADA POWER EMERGENCY AND SAFETY SERVICES DEPARTMENT

QUANTITY ESTIMATE-FLOOD CONTROL ON-SITE

2' AC (28' COMMON ACCESS DRIVE)	807 S.Y.
2' CONC. VALLEY GUTTER	438 S.F.
2' "U" CHANNEL	15 L.F.
8' "U" CHANNEL	110 L.F.
24" L TYPE CURB & GUTTER USD 216	565 L.F.

FLOOD CONTROL QUANTITIES	
1. 8' CONCRETE CHANNEL	990 S.F.
2. L-CURB	114 S.F.
3. 2' CONCRETE CHANNEL	45 S.F.
4. SIDEWALK UNDERDRAIN	1 EA

CONSTRUCTION NOTES

1. CONSTRUCT BLOCK WALL OPENING PER (9/C4)
2. CONSTRUCT CONCRETE "U" CHANNEL PER (7/C4)
3. CONSTRUCT 'L' CURB PER STANDARD DRAWING NO. 216
4. CONSTRUCT 'A' CURB PER STANDARD DRAWING NO. 219
5. CONSTRUCT 2' WIDE CONCRETE VALLEY GUTTER PER (8/C4)
6. CONSTRUCT SIDEWALK RAMP TYPE D PER NDOT STANDARD R-5.2.2 A=5.5' B=8'
7. CONSTRUCT 8' VALLEY GUTTER PER STANDARD DRAWING NO. 228
8. CONSTRUCT SIDEWALK RAMP PER (11/C4)
9. CONSTRUCT SIDEWALK PER STANDARD DRAWING NO. 234
10. CONSTRUCT SIDEWALK DRAIN PER CITY OF CONCORD NDOT STANDARD (10/C4)
11. CONSTRUCT ON-SITE PAVEMENT PER (14/C4)
12. CONSTRUCT SIDEWALK RAMP TYPE D PER NDOT STANDARD R-5.2.2 A=B=7'

GEOTECHNICAL

GEOTECHNICAL EVALUATION
PROPOSED FAMILY DOLLAR STORE
JONES BOULEVARD N/O CHEYENNE AVENUE
LAS VEGAS, NEVADA PROJECT NO. 4122JD063

WESTERN TECHNOLOGIES INC.
3611 WEST TOMPKINS AVENUE
LAS VEGAS, NEVADA 89103-5618
PHONE (702) 798-8050 FAX 798-7664
DATED MAY 20, 2002

PARCEL 1
OF RECORED OF SURVEY MAP
FILE 99, PAGE 88.
AREA=156,055 SQUARE FEET OR
3.58 ACRES +/-
APN 138-11-804-019

DRAINAGE STUDY CERTIFICATION

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FILED WITH THE CITY OF LAS VEGAS FLOOD CONTROL

WILLIAM S. CROCKETT, P.E. 6777 — DATE 10/3/03

AUTOMOBILE AND PICK-UP TRUCKS TRUCK TRAFFIC (LIGHT VOLUME)

NOT TO SCALE

AUTOMOBILE AND PICK-UP TRUCKS ON-SITE PAVEMENT SECTION

NOT TO SCALE

JONES BOULEVARD

LEGEND

EXISTING	PROPOSED
	RIGHT-OF-WAY
	CENTERLINE
W	WATER LINE
SS	SANITARY SEWER LINE
G	GAS LINE
SD	STORM DRAIN
E	POWER LINE/POWER POLE
T	TELEPHONE LINE
	FIRE HYDRANT
	WATER VALVE
	METERS/PULL BOXES
	REDUCER
	MANHOLE
CO	CLEANOUT
(00)	CONTOUR
	A.C. PAVING
	TYPE "L" CURB & GUTTER
	TYPE "A" CURB
	CONCRETE
	BLOCK WALL OR RETAINING WALL
	CHAIN LINK FENCE
	GRADE BREAK
	WIRE FENCE
(F=0.00)	FINISH FLOOR
(0.00) C.O. INV.	0.00 C.O. INV. CLEANOUT INVERT ELEV.
	0.00 FLOW LINE
(0.00) FG	0.00 FG FINISH GRADE
(0.00) TC	0.00 TC TOP OF CURB
(0.00) TOW	0.00 TOW TOP OF WALL
	GATE
	SIGN
STREET LIGHTS	
	100 W H.P.S.
	150 W H.P.S.
	200 W H.P.S.
	250 W H.P.S.
	SVZ = SIGHT VISIBILITY ZONE

DELTA ENGINEERING 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.

REV#	DATE	BY	REVISION

OWNER
MR. GEOFFREY COMMONS
125 PATRICIA WAY
PASADENA, CALIFORNIA 91105
PHONE 972-724-0596 FAX 972-355-1180

DEVELOPER
RSI
3207 JUSTIN ROAD
FLOWER MOUND, TX 75028
PHONE 972-724-0596 FAX 972-355-1180

DELTA ENGINEERING
3131 MEADE AVENUE, SUITE D
LAS VEGAS, NV. 89102
TEL: (702) 364-9777 FAX (702) 364-9333

SHEET: GRADING PLAN

TITLE: FAMILY DOLLAR STORE AT JONES AND CHEYENNE LAS VEGAS, NEVADA

DRAWN BY: W.S.C. 10/30/03
DESIGNED BY: W.S.C. 10/30/03
CHECKED BY: W.S.C. 10/30/03
PROJECT NO: 02018
SCALE: 1"=20'

SEAL: PROFESSIONAL ENGINEER - STATE OF NEVADA - WILLIAM S. CROCKETT - CIVIL - No. 6777

SHEET C3.00 2 OF 4 SHEETS

C.L.V. DRAWING NO.

\:\DSK\PROJ\02018\02018C04.dwg Thu Oct 30 11:44:00 2003