

RETAINING WALL CONVERSION TABLE	
NO. COURSES	HEIGHT
Δ2	1.33'
Δ3	2.00'
Δ4	2.67'
Δ5	3.33'
Δ6	4.00'
Δ7	4.67'
Δ8	5.33'
Δ9	6.00'
Δ10	6.67'
Δ11	7.33'
Δ12	8.00'
Δ13	8.67'

BASIS OF BEARINGS

N 88°21'18" E BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 13, T19S, R59E, M.D.M., AS SHOWN BY RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 124 OF SURVEYS AT PAGE 94.

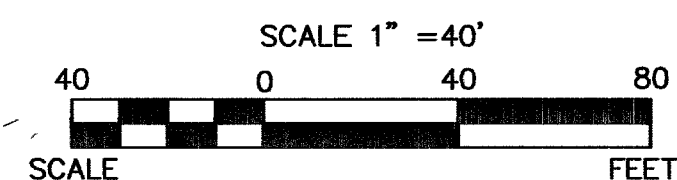
FOR EX. SHAUMBER ROAD IMPS, SEE:
CLIFFS EDGE / PROVIDENCE
SHAUMBER ROAD
CENTENNIAL TO GRAN TETON BY VTM,
CLV # 107Y-4816-SH-B
107Y-4816-OS-7

BENCHMARK

DESC.	NAVD 88 DATUM	NAVD 88 DATUM
BLV99 13E4	2860.79 (FEET)	871.971 (METERS)

FOR EXISTING UNIT 4
IMPROVEMENTS SEE NORTHERN
TERRACE UNIT 4
IMPROVEMENT PLANS
by GC WALLACE, INC
JOB NO. 819.002.X11
CLV DWG NO. 107Y-4891-4

NORTH

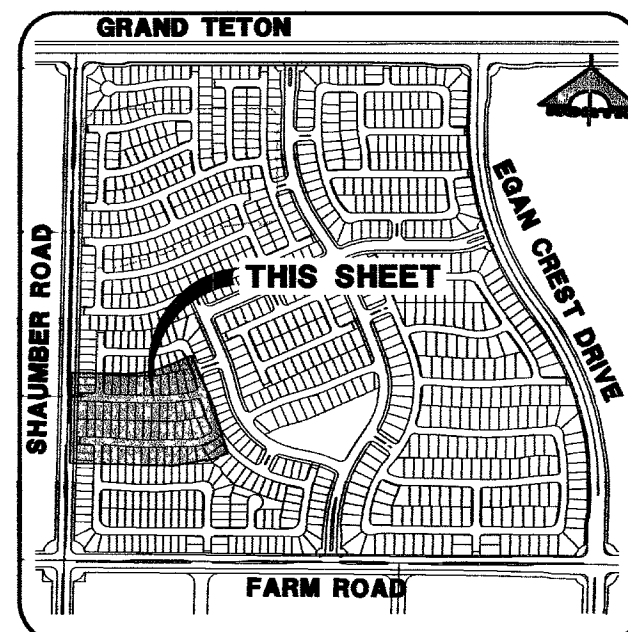


FOR EXISTING IMPROVEMENTS
SEE NORTHERN TERRACE UNIT 1
IMPROVEMENT PLANS
by GC WALLACE, INC
JOB NO. 819.002.X08
CLV DWG NO. 107Y4891-1

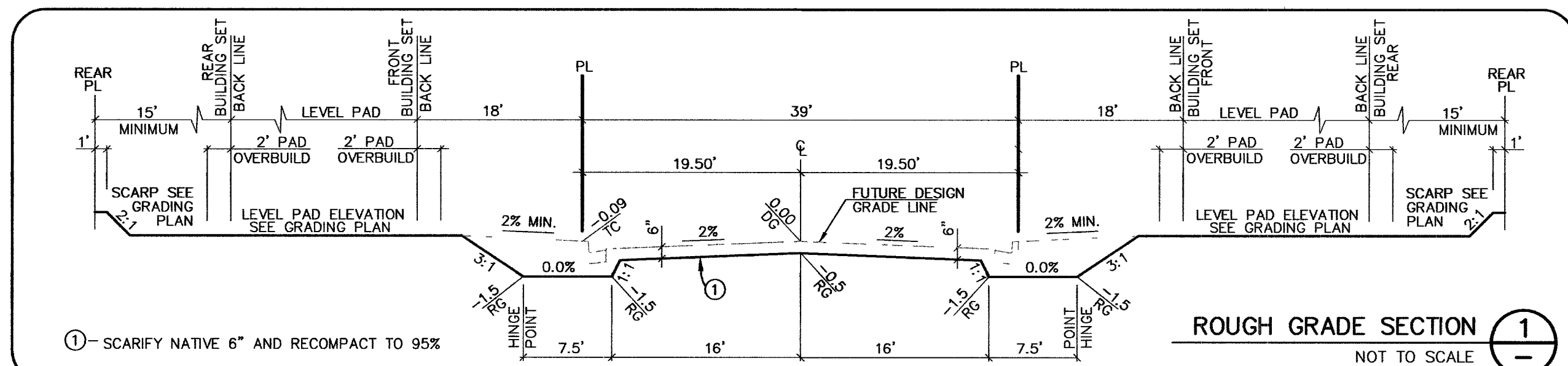
LINE	LENGTH	BEARING
L1	29.00'	N89°14'05"E
L2	53.05'	N00°45'55"W
L3	25.00'	N89°14'05"E
L4	40.00'	N89°14'05"E
L5	40.00'	N89°14'05"E
L6	40.00'	N89°14'05"E
L7	20.79'	N89°14'05"E
L8	5.31'	N57°35'07"E
L9	31.91'	N57°35'07"E
L10	10.74'	N26°01'57"W
L11	40.00'	N26°01'57"W
L12	32.05'	N26°01'57"W
L13	47.00'	N68°56'21"E
L14	48.73'	N68°56'21"E
L15	16.43'	N89°14'05"E
L16	41.66'	N89°14'05"E
L17	41.66'	N89°14'05"E
L18	41.66'	N89°14'05"E
L19	41.66'	N89°14'05"E
L20	41.66'	N89°14'05"E
L21	41.66'	N89°14'05"E
L22	41.66'	N89°14'05"E
L23	41.66'	N89°14'05"E
L24	29.13'	N89°14'05"E
L25	16.02'	N00°45'55"W
L26	49.85'	N89°14'05"E
L27	25.00'	N00°45'55"W
L28	40.00'	N00°45'55"W
L29	40.00'	N00°45'55"W
L30	40.00'	N00°45'55"W
L31	40.00'	N00°45'55"W
L32	40.00'	N00°45'55"W
L33	40.00'	N00°45'55"W
L34	29.13'	N00°45'55"W
L35	25.00'	N89°14'05"E
L36	41.50'	N89°14'05"E
L37	41.50'	N89°14'05"E
L38	41.50'	N89°14'05"E
L39	16.22'	N89°14'05"E
L40	15.99'	N89°14'05"E
L41	43.00'	N89°14'05"E
L42	41.50'	N89°14'05"E
L43	41.50'	N89°14'05"E
L44	41.50'	N89°14'05"E
L45	41.50'	N89°14'05"E
L46	25.00'	N89°14'05"E
L47	162.08'	N00°45'55"W
L48	338.63'	N00°45'55"W
L49	205.29'	N89°14'05"E
L50	150.57'	N68°56'21"E
L51	24.37'	S72°59'32"W
L52	383.84'	N89°14'05"E

CURVE	DELTA	LENGTH	RADIUS	TANGENT
C1	90°00'00"	7.85'	5.00'	5.00'
C2	90°00'00"	7.85'	5.00'	5.00'
C3	41°24'35"	14.45'	20.00'	7.56'
C4	48°35'25"	16.96'	20.00'	9.03'
C5	24°47'58"	22.52'	461.00'	11.26'
C6	5°49'29"	46.87'	461.00'	23.45'
C7	5°49'29"	46.87'	461.00'	23.45'
C8	1°40'52"	13.53'	461.00'	6.76'
C9	15°31'11"	27.09'	100.00'	13.63'
C10	10°14'01"	8.93'	50.00'	4.48'
C11	32°28'32"	28.34'	50.00'	14.56'
C12	32°24'32"	28.28'	50.00'	14.53'
C13	21°15'55"	18.56'	50.00'	9.39'
C14	15°13'55"	7.44'	28.00'	3.74'
C15	69°47'47"	34.11'	28.00'	19.53'
C16	94°58'18"	49.73'	30.00'	32.72'
C17	92°15'44"	48.31'	30.00'	31.21'
C18	69°47'47"	34.11'	28.00'	19.53'
C19	22°28'21"	32.74'	769.00'	16.37'
C20	17°22'30"	8.49'	28.00'	4.28'
C21	0°17'12"	3.81'	769.00'	1.90'
C22	1°37'44"	37.84'	1331.00'	18.92'
C23	1°47'20"	41.56'	1331.00'	20.78'
C24	1°45'40"	40.91'	1331.00'	20.46'
C25	0°41'22"	16.02'	1331.00'	8.01'
C26	3°04'12"	28.43'	530.00'	14.22'
C27	1°32'50"	15.38'	569.50'	7.69'
C28	2°44'33"	65.57'	1370.00'	32.79'
C29	59°38'33"	20.82'	20.00'	11.46'
C30	27°44'24"	9.68'	20.00'	4.94'
C31	2°06'41"	30.20'	819.50'	15.10'
C32	2°52'36"	41.14'	819.50'	20.58'
C33	2°52'36"	41.14'	819.50'	20.58'
C34	2°42'06"	38.64'	819.50'	19.32'
C35	2°55'03"	41.73'	819.50'	20.87'
C36	1°45'51"	25.23'	819.50'	12.62'
C37	90°00'00"	7.85'	5.00'	5.00'
C38	90°00'00"	7.85'	5.00'	5.00'
C39	41°24'35"	14.45'	20.00'	7.56'
C40	48°35'25"	16.96'	20.00'	9.03'
C41	48°35'25"	16.96'	20.00'	9.03'
C42	41°24'35"	14.45'	20.00'	7.56'
C43	2°53'25"	25.22'	500.00'	12.61'
C44	4°08'49"	36.19'	500.00'	18.10'
C45	41°19'11"	37.70'	500.00'	18.86'
C46	41°19'11"	37.70'	500.00'	18.86'
C47	1°44'12"	15.16'	500.00'	7.58'
C48	1°46'45"	22.98'	740.00'	11.49'
C49	1°23'39"	18.01'	740.00'	9.00'
C50	37°29'19"	22.90'	35.00'	11.88'
C51	37°21'24"	22.82'	35.00'	11.83'
C52	72°13'57"	19.27'	150.00'	9.65'
C53	13°23'08"	170.54'	730.00'	85.66'
C54	41°56'26"	14.64'	20.00'	7.67'
C55	47°54'42"	16.72'	20.00'	8.89'
C56	2°36'20"	35.49'	780.50'	17.75'
C57	37°29'32"	47.57'	780.50'	23.79'
C58	37°29'32"	47.57'	780.50'	23.69'
C59	37°25'58"	46.78'	780.50'	23.39'
C60	2°08'10"	29.10'	780.50'	14.55'
C61	48°35'25"	16.96'	20.00'	9.03'
C62	41°24'35"	14.45'	20.00'	7.56'
C63	17°24'51"	146.04'	480.50'	73.59'
C64	31°04'24"	39.90'	720.50'	19.96'
C65	74°50'43"	71.19'	54.50'	41.70'
C66	72°13'57"	21.77'	169.50'	10.90'
C67	13°38'33"	178.46'	749.50'	89.65'
C68	5°52'07"	138.32'	1350.50'	69.22'
C69	16°14'33"	226.79'	800.00'	114.16'
C70	1°32'50"	14.85'	550.00'	7.43'

KEY MAP



FOR EXISTING UNIT 2
IMPROVEMENTS SEE NORTHERN
TERRACE UNIT 2 IMPROVEMENT
PLANS
by GC WALLACE, INC
JOB NO. 819.002.X09
CLV DWG NO. XXX - NOT YET
APPROVED



NOTE:

1. ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOMEOWNERS ASSOCIATION.
2. SEE SHEET C-3 FOR QUANTITY ESTIMATES.
3. SEE SHEET C-2 FOR CONSTRUCTION NOTES.

DRAINAGE CERTIFICATION

I CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT (DS3784).

Joshua L. Johnson
JOSHUA L. JOHNSON R.P.E. 15789

Stisha
DATE

Call before you Dig.
UnderGround
1-702-455-7511
1-702-229-6611

Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

APPROVED FOR CONSTRUCTION

SEE COVER SHEET
CITY OF LAS VEGAS FIRE DEPARTMENT

APPROVAL:

LVSWD NO.

LAS VEGAS VALLEY WATER DISTRICT

DATE

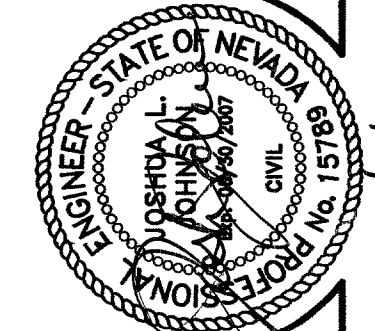
CLV DRAWING NO. 107Y4891-7

MERTAGE CORPORATION
NORTHERN TERRACE - UNIT 7

GRADING PLAN

DRAWING
C-5

5 OF 12 SHEETS



DESIGN: DRAWN: CHECK: ISSUE: ISSUE EDITOR: PLOT DATE: 05-17-06 PLOT TIME: 10:18:53
G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD., LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299
Northern Terrace Unit 7 819.002.X09.dwg

91835 82 95231