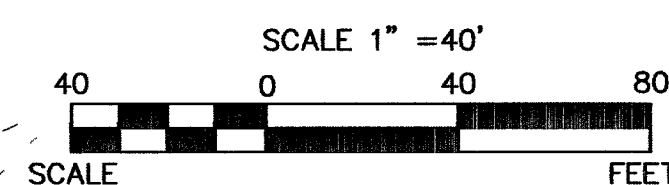


BASIS OF BEARINGS

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

BENCHMARK

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

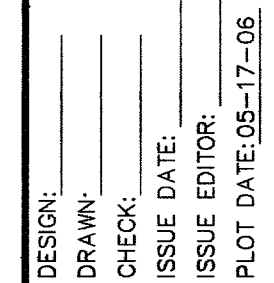


**FOR EXISTING IMPROVEMENTS
SEE NORTHERN TERRACE UNIT
IMPROVEMENT PLANS
by GC WALLACE, INC
JOB NO. 819.002.X08
CLV DWG NO. 107Y4981-1**

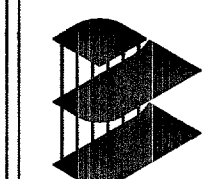
LINE TABLE

CURVE TABLE

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	2°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	140°52'	13.53'	461.00'	6.76'
C9	15°31'11"	27.08'	100.00'	13.35'
C10	101°01'	8.93'	93.00'	4.48'
C11	32°28'32"	28.34'	50.00'	14.56'
C12	32°24'32"	28.26'	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"	34.31'	28.00'	19.53'
C16	69°47'47"	34.31'	30.00'	32.72'
C17	92°13'44"	49.32'	30.00'	20.58'
C18	69°47'47"	34.31'	28.00'	19.53'
C19	2°26'21"	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	13°37'44"	37.84'	1331.00'	18.92'
C23	147°20'	41.56'	1331.00'	20.78'
C24	1°45'40"	40.31'	1334.00'	20.86'
C25	0°41'22"	16.02'	1331.00'	8.01'
C26	30°41'22"	28.43'	530.50'	14.22'
C27	1°32'50"	15.36'	569.50'	7.69'
C28	2°44'33"	65.57'	1370.00'	32.79'
C29	59°38'33"	20.02'	20.00'	11.46'
C30	2°44'24"	9.68'	20.00'	4.94'
C31	236°41'	30.20'	819.50'	15.10'
C32	252°36'	41.14'	819.50'	20.58'
C33	252°36'	41.14'	819.50'	20.58'
C34	242°06'	38.64'	819.50'	19.32'
C35	255°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	25°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	4°19'14"	37.70'	500.00'	18.86'
C47	144°12'	15.16'	200.00'	7.58'
C48	146°45'	22.98'	740.00'	11.49'
C49	12°33'39"	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°13'35"	19.27'	150.00'	9.65'
C53	132°30'08"	170.54'	730.00'	85.66'
C54	154°56'26"	14.64'	200.00'	7.67'
C55	47°54'42"	16.72'	200.00'	8.79'
C56	2°36'20"	35.49'	780.50'	17.85'
C57	3°29'32"	47.57'	780.50'	23.79'
C58	3°28'39"	47.37'	780.50'	23.69'
C59	2°58'58"	46.70'	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	172°51'	146.04'	480.50'	73.59'
C64	310°24"	39.90'	720.50'	19.96'
C65	74°50'43"	71.90'	54.50'	41.70'
C66	72°13'35"	21.77'	169.50'	10.90'
C67	13°38'33"	178.46'	749.50'	89.65'
C68	552°07'	138.32'	1350.50'	68.82'
C69	174°14'53"	276.87'	480.50'	114.12'
C70	132°30'08"	14.85'	550.00'	7.43'



G. C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299



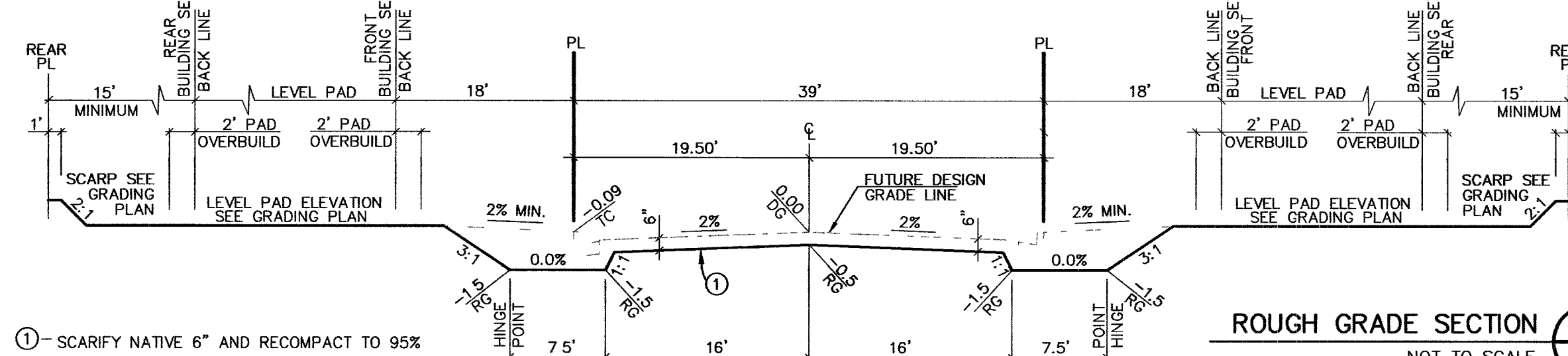
MERITAGE CORPORATION
NORTHERN TERRACE - UNIT 7
GRADING PLAN

DRAWING

C-5

5 OF 12 SH

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:

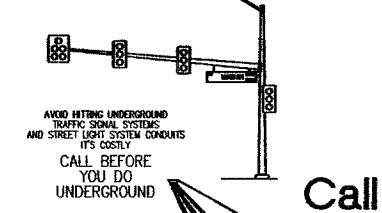
1. ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOMEOWNERS ASSOCIATION.
2. SEE SHEET C-3 FOR QUANTITY ESTIMATES.
3. SEE SHEET C-2 FOR CONSTRUCTION NOTES.

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 R.P.E. 15789

5/18/00
DATE



CALL BEFORE
YOU DO
UNDERGROUND



Call
before you
UnderGround

1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS

AND
1-702-229-6611
LAS VEGAS TRAFFIC OPERATIONS

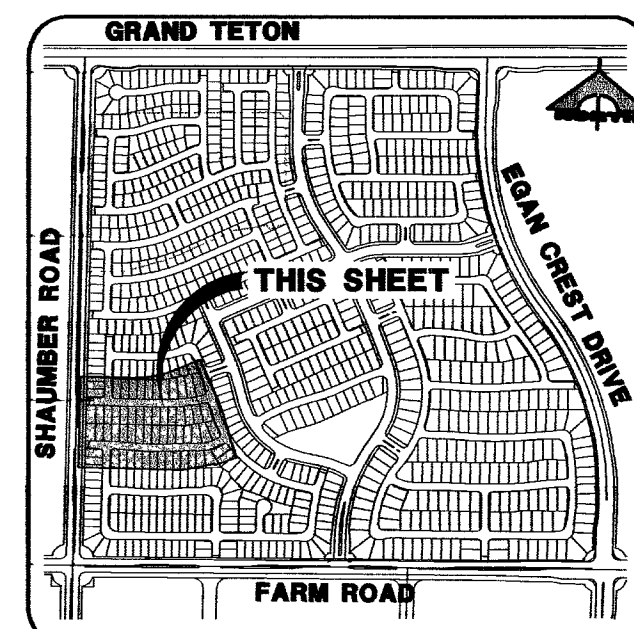
APPROVED FOR CONSTRUCTION

SEE COVER SHEET
CITY OF LAS VEGAS FIRE DEPARTMENT

APPROVAL: _____ LVVWD NO. _____

LAS VEGAS VALLEY WATER DISTRICT
DATE _____

CLV DRAWING NO. 1074891-7



KEY MAP

91835

CLV DRAWING NO. 1074891-7