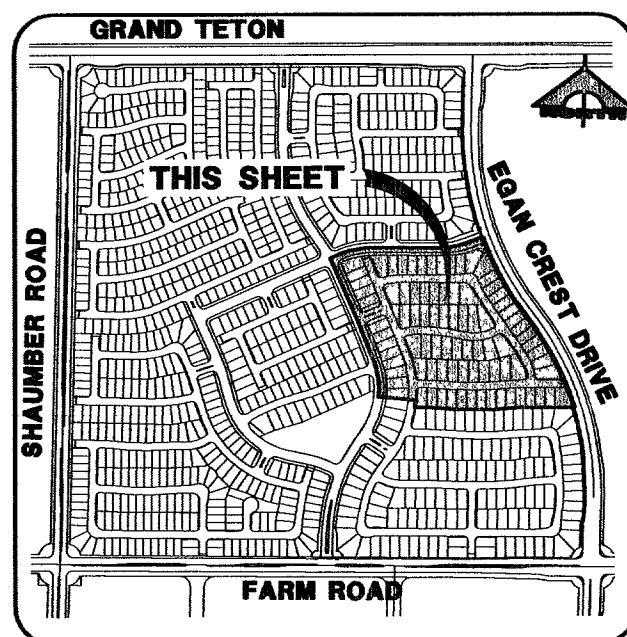
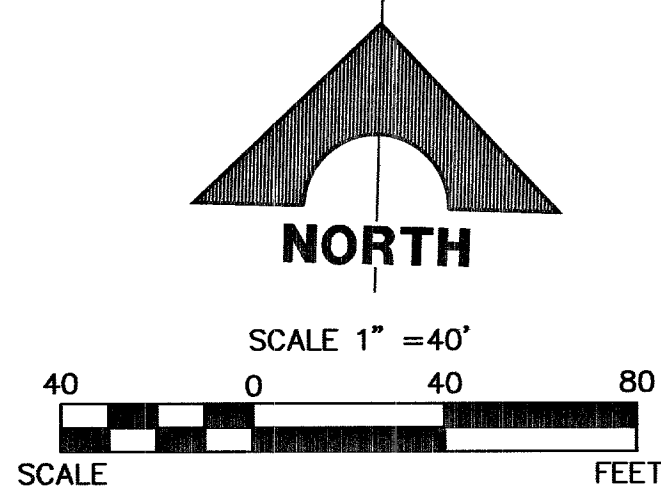




KEY MAP



SEE SHEET 5 FOR CONTINUATION

LINE TABLE		
LINE	LENGTH	BEARING
L2	64.30'	N65°21'16"E
L3	40.33'	N24°38'44"W
L4	50.00'	N24°38'44"W
L5	50.00'	N24°38'44"W
L6	50.00'	N24°38'44"W
L7	28.50'	N24°38'44"W
L8	29.00'	N65°21'16"E
L9	99.56'	N24°38'44"W
L10	39.43'	N24°38'44"W
L11	50.00'	N24°38'44"W
L12	50.00'	N24°38'44"W
L13	50.00'	N24°38'44"W
L14	50.00'	N24°38'44"W
L15	50.00'	N24°38'44"W
L16	0.50'	N24°38'44"W
L17	9.04'	N77°23'48"E
L18	31.73'	N77°23'48"E
L19	5.47'	N24°24'03"W
L20	35.30'	N24°24'03"W
L21	46.99'	S34°57'04"E
L22	50.00'	S34°57'04"E
L23	19.70'	S34°57'04"E
L24	116.72'	S34°57'04"E
L25	29.00'	N24°24'03"W
L26	28.50'	N24°24'03"W

LINE TABLE		
LINE	LENGTH	BEARING
L27	51.00'	S87°56'49"W
L28	51.00'	S87°56'49"W
L29	51.00'	S87°56'49"W
L30	15.71'	S87°56'49"W
L31	9.56'	S87°56'49"W
L32	0.27'	S87°56'49"W
L33	41.51'	N24°38'44"W
L34	50.00'	N24°38'44"W
L35	50.00'	N24°38'44"W
L36	31.27'	N24°38'44"W
L37	10.00'	N24°38'44"W
L38	62.80'	N65°21'16"E
L39	54.34'	S87°56'49"W
L40	50.00'	S87°56'49"W
L41	4.73'	S87°56'49"W
L42	50.00'	S87°56'49"W
L43	50.00'	S87°56'49"W
L44	55.00'	S87°56'49"W
L45	24.26'	S87°56'49"W
L46	160.29'	S34°57'04"E
L47	206.36'	S34°57'04"E
L48	4.73'	S87°56'49"W
L49	13.97'	S87°56'49"W
L50	48.09'	N24°38'44"W
L51	165.50'	N65°21'16"E
L52	137.24'	N24°38'44"W
L53	142.26'	N24°38'44"W
L54	4.58'	S65°21'16"E
L55	333.41'	S87°56'49"W
L56	160.29'	S34°57'04"E
L57	5.44'	N02°03'11"W
L58	155.21'	S87°56'49"W
L59	47.00'	S87°56'49"W
L60	50.00'	S87°56'49"W
L61	88.78'	N24°38'44"W
L62	19.94'	N65°21'16"E
L63	14.09'	S51°29'49"W
L64	149.67'	N24°38'44"W

CURVE TABLE			
CURVE	DELTA	LENGTH	RADIUS
C3	88°38'18"	46.41'	30.00'
C4	69°17'47"	34.11'	28.00'
C5	20°12'13"	9.87'	28.00'
C6	90°00'00"	7.85'	5.00'
C7	90°00'00"	7.85'	5.00'
C8	41°24'35"	14.45'	20.00'
C9	42°41'44"	14.90'	20.00'
C10	5°45'51"	35.13'	320.00'
C11	9°01'06"	50.38'	320.00'
C12	1°54'54"	10.70'	320.00'
C13	10°33'01"	18.41'	100.00'
C14	36°25'39"	31.79'	50.00'
C15	41°46'30"	36.46'	50.00'
C16	8°49'31"	15.40'	100.00'
C17	1°43'30"	3.01'	100.00'
C18	1°06'41"	32.05'	1652.00'
C19	1°50'01"	52.87'	1652.00'
C20	1°50'07"	52.91'	1652.00'
C21	0°16'17"	7.83'	1652.00'
C22	1°46'28"	41.75'	1348.00'
C23	2°06'04"	49.43'	1348.00'
C24	2°06'03"	49.42'	1348.00'
C25	0°32'18"	12.66'	1348.00'
C26	7°31'40"	35.47'	270.00'
C27	10°01'36"	47.25'	270.00'
C28	7°08'07"	33.62'	270.00'
C29	41°50'42"	14.61'	20.00'
C30	41°54'35"	14.43'	20.00'
C31	90°00'00"	7.85'	5.00'
C32	90°00'00"	7.85'	5.00'
C33	3°29'05"	35.31'	580.50'
C34	2°16'07"	22.98'	580.50'
C35	0°48'02"	28.21'	2019.50'
C36	1°27'03"	51.14'	2019.50'
C37	1°26'55"	51.06'	2019.50'
C38	1°26'51"	51.02'	2019.50'
C39	1°26'49"	51.00'	2019.50'
C40	1°26'51"	51.02'	2019.50'
C41	1°26'56"	51.07'	2019.50'
C42	1°27'05"	51.16'	2019.50'
C43	0°33'53"	19.90'	2019.50'
C44	3°08'13"	31.28'	580.50'
C45	2°39'59"	27.01'	580.50'
C46	48°38'31"	16.98'	20.00'
C47	40°47'08"	14.24'	20.00'
C48	4°38'22"	47.85'	591.00'
C49	6°11'13"	59.61'	552.00'
C50	0°07'26"	1.19'	552.00'
C51	4°25'44"	39.46'	510.50'
C52	2°15'03"	21.68'	552.00'
C53	6°51'44"	61.14'	510.50'
C54	6°47'40"	60.54'	510.50'
C55	1°09'26"	10.31'	510.50'
C56	20°12'13"	9.87'	28.00'
C57	69°17'47"	34.11'	28.00'
C58	89°22'31"	46.80'	30.00'
C59	97°41'19"	34.10'	20.00'
C60	14°43'52"	72.25'	281.00'
C61	0°10'22"	0.85'	281.00'
C62	18°09'34"	14.26'	45.00'
C63	38°56'33"	30.59'	45.00'
C64	2°10'22"	6.413'	169.00'
C65	48°39'44"	16.99'	20.00'
C66	47°40'42"	16.64'	20.00'
C67	20°18'21"	72.83'	205.50'
C68	18°03'45"	64.78'	205.50'
C69	3°33'25"	12.76'	205.50'
C70	1°57'49"	38.37'	1119.50'
C71	2°36'53"	50.77'	1119.50'
C72	2°34'49"	50.42'	1119.50'
C73	2°34'05"	50.18'	1119.50'
C74	2°33'40"	50.05'	1119.50'
C75	0°55'52"	18.20'	1119.50'
C76	8°18'47"	31.92'	220.00'
C77	9°35'54"	36.66'	220.00'
C78	58°26'32"	20.40'	20.00'
C79	26°53'02"	9.38'	20.00'
C80	55°34'04"	19.40'	20.00'
C81	15°36'28"	49.31'	181.00'
C82	41°24'33"	14.45'	20.00'
C83	1°16'42"	2.411'	1080.50'
C84	2°58'01"	53.45'	1080.50'
C85	2°50'41"	53.64'	1080.50'
C86	2°51'42"	53.97'	1080.50'
C87	2°53'12"	54.44'	1080.50'
C88	0°29'51"	9.38'	1080.50'
C89	10°28'57"	44.73'	244.50'
C90	11°36'14"	45.52'	244.50'
C91	12°48'31"	54.66'	244.50'
C92	9°19'47"	39.81'	244.50'
C93	22°18'50"	7.79'	20.00'
C94	60°58'58"	21.29'	20.00'
C95	0°13'00"	6.39'	1691.00'
C96	6°30'33"	148.84'	1309.00'
C97	22°08'43"	89.28'	234.00'
C98	62°19'30"	21.76'	20.00'
C99	36°57'54"	12.90'	20.00'
C100	5°40'45"	61.41'	619.50'
C101	0°04'27"	0.80'	619.50'
C102	1°33'34"	53.91'	1980.50'
C103	1°34'46"	54.60'	1980.50'
C104	1°34'39"	54.53'	1980.50'
C105	1°34'36"	54.50'	1980.50'
C106	1°34'38"	54.52'	1980.50'
C107	1°34'44"	54.57'	1980.50'
C108	1°34'54"	54.67'	1980.50'
C109	0°28'34"	16.46'	1980.50'
C110	3°32'17"	38.25'	619.50'
C111	2°12'56"	23.95'	619.50'
C112	42°09'09"	14.71'	20.00'
C113	40°44'23"	14.22'	20.00'
C114	15°29'05"	148.51'	549.50'
C115	22°35'33"	118.49'	300.50'
C116	57°06'07"	64.28'	64.50'
C117	3°33'07"	103.62'	1671.50'
C118	1°29'59"	43.75'	1671.50'
C119	6°30'52"	151.05'	1388.50'
C120	31°26'07"	137.44'	250.50'
C121	5°45'12"	60.25'	600.00'
C122	11°30'25"	401.67'	2000.00'
C123	5°45'12"	60.25'	600.00'
C124	8°33'43"	85.40'	571.50'
C125	19°14'34"	178.00'	530.00'
C126	22°35'06"	79.03'	200.50'
C127	13°12'09"	253.47'	1100.00'
C128	49°38'42"	194.96'	225.00'

FOR EXISTING IMPROVEMENTS SEE NORTHERN TERRACE UNIT 1 IMPROVEMENT PLANS BY GC WALLACE, INC. JOB NO. 819.002.X08 CLV DWG NO. 107Y-4891-1

FOR EXISTING IMPROVEMENTS SEE NORTHERN TERRACE UNIT 1 IMPROVEMENT PLANS BY GC WALLACE, INC. JOB NO. 819.002.X08 CLV DWG NO. 107Y-4891-1

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. QUANTITY ESTIMATES ARE SHOWN ON SHEET C-3.

3. SEE PLAN & PROFILE SHEETS FOR CONSTRUCTION NOTES.

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, T15S, 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.

BENCHMARK

DESC.	NAVD 88 DATUM	NAVD 88 DATUM
RIVET AND PLATE IN CONCRETE CYLINDER AT THE NORTHWEST CORNER OF HUALAPAI WAY AND FARM ROAD.	2860.79 (FEET)	871.971 (METERS)

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'	

FOR EXISTING IMPROVEMENTS SEE NORTHERN TERRACE UNIT 3 IMPROVEMENT PLANS BY GC WALLACE, INC. JOB NO. 819.002.X10 CLV DWG NO. 107Y-4891-3

FOR EX. EGAN CREST DRIVE IMP'S, SEE CLIFFS EDGE / PROVIDENCE EGAN CREST DRIVE FARM ROAD TO GRAND TETON BY VTN, CLV #107Y-4816-ECN 107Y-4816-05-7

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

Call before you Dig.
1-702-227-2929
CALL BEFORE YOU DIG

Call before you Dig.
UnderGround
1-702-455-7511
1-702-229-6611
CALL BEFORE YOU DIG

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 (DS3845).

JOSHUA L. JOHNSON R.P.E. 15789

DATE

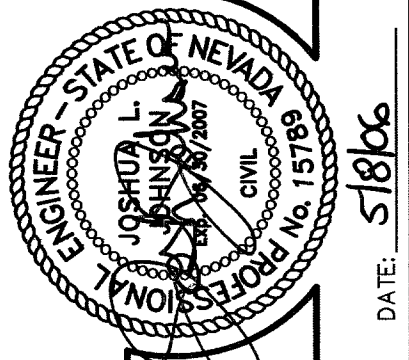
CLV DRAWING NO. 107Y4891-8

MERITAGE CORPORATION
NORTHERN TERRACE - UNIT 8
GRADING PLAN II

DRAWING
C-5A
6 OF 15 SHEETS

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

DESIGN: DRAWN: CHECK: ISSUE DATE: PLOT DATE: PLOT TIME: REV. DATE DESCRIPTION



JOB NO. 819.002.X15