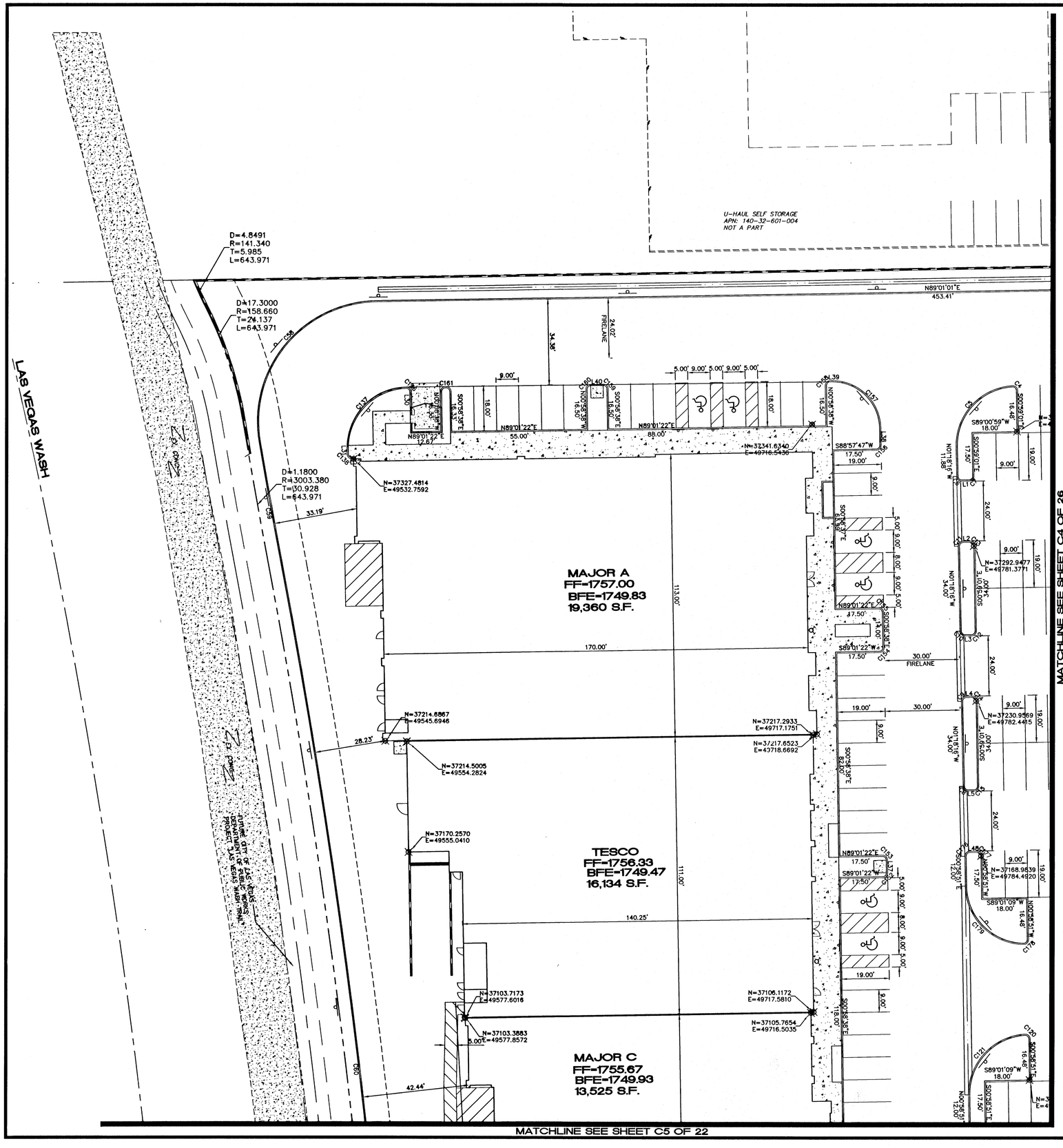
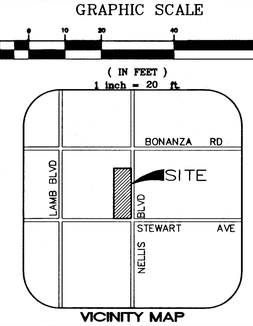



## LEGEND

- CENTERLINE
- PROPERTY LINE
- RIGHT OF WAY
- 1234 EXISTING CONTOUR W/ ELEVATION
- EXISTING CURB & GUTTER
- (34.40) / TC EXISTING GRADES
- EXISTING STREET LIGHT
- TC TOP OF CURB
- FL FLOW LINE
- AC ASPHALT CONCRETE
- SW SIDEWALK

GRAPHIC SCALE

( IN FEET )
1 inch = 20 ft.




VICINITY MAP

| LINE TABLE | | |
|---|---|---|
| LINE | LENGTH | BEARING |
| L1 | 2.93' | S89°00'59"W |
| L2 | 2.78' | N89°00'59"E |
| L3 | 2.59' | S89°00'59"W |
| L4 | 2.43' | N89°00'59"E |
| L5 | 2.24' | S89°00'59"W |
| L6 | 1.72' | N00°58'38"W |
| L7 | 1.72' | S00°58'38"E |
| L8 | 6.09' | N89°00'54"E |
| L9 | 8.00' | S00°58'38"E |
| L10 | 4.01' | S00°56'44"E |
| L11 | 6.89' | S89°01'22"W |
| L12 | 5.00' | S89°01'22"W |
| L13 | 5.00' | S89°01'22"W |
| L14 | 8.99' | S89°43'12"W |
| L15 | 0.50' | N89°43'11"E |
| L16 | 0.78' | N89°43'11"E |
| L17 | 8.01' | N00°59'01"W |
| L18 | 1.00' | S89°00'59"W |
| L19 | 0.42' | S00°58'57"E |
| L20 | 0.84' | N00°38'24"W |
| L21 | 1.00' | S89°00'59"W |
| L22 | 1.00' | N89°00'59"E |
| L23 | 1.00' | N89°00'59"E |
| L24 | 1.00' | S89°00'59"W |
| L25 | 1.00' | N89°00'59"E |
| L26 | 1.00' | S89°00'59"W |
| L27 | 1.00' | N89°00'59"E |
| L28 | 3.00' | S89°01'09"W |
| L29 | 7.75' | N89°01'22"E |
| L30 | 6.49' | S00°58'38"E |
| L31 | 2.00' | N01°07'42"W |
| L32 | 0.50' | S89°01'04"W |
| L33 | 0.90' | S89°38'52"W |
| L34 | 5.00' | S89°01'22"W |
| L35 | 4.00' | S00°58'38"E |
| L36 | 5.00' | S00°58'38"E |
| L37 | 5.17' | S00°58'38"E |
| L38 | 6.77' | S00°58'23"E |
| L39 | 0.50' | N89°01'22"E |
| L40 | 5.00' | N89°01'22"E |
| L41 | 4.16' | S00°22'42"E |
| L42 | 4.38' | S88°42'54"W |
| L43 | 5.00' | S89°01'22"W |
| L44 | 9.05' | S89°01'22"W |
| L45 | 0.01' | N89°01'22"E |
| L46 | 8.57' | S00°58'38"E |
| L47 | 9.00' | N00°58'38"W |
| L48 | 3.00' | S89°01'09"W |

ALL DIMENSIONS ARE BASED ON BACK OF CURB UNLESS SHOWN OTHERWISE.

| CURVE TABLE | | | | |
|---|---|---|---|---|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C1 | 90°04'45" | 2.50' | 3.93' | 2.50' |
| C2 | 85°31'34" | 2.50' | 3.73' | 2.31' |
| C3 | 10°20'17" | 4.50' | 0.81' | 0.41' |
| C4 | 92°36'22" | 1.50' | 2.42' | 1.57' |
| C5 | 87°42'53" | 23.50' | 35.98' | 22.58' |
| C6 | 89°40'45" | 1.50' | 2.35' | 1.49' |
| C7 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C8 | 89°40'45" | 1.50' | 2.35' | 1.49' |
| C9 | 90°19'15" | 1.50' | 2.36' | 1.51' |
| C10 | 89°40'45" | 1.50' | 2.35' | 1.49' |
| C11 | 90°19'15" | 1.50' | 2.36' | 1.51' |
| C12 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C13 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C14 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C15 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C16 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C17 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C18 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C19 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C20 | 96°22'48" | 9.50' | 15.98' | 10.62' |
| C21 | 83°37'22" | 27.50' | 40.14' | 24.60' |
| C22 | 90°00'32" | 25.00' | 39.27' | 25.00' |
| C23 | 180°00'00" | 1.56' | 4.89' | -- |
| C24 | 89°58'06" | 1.50' | 2.36' | 1.50' |
| C25 | 94°24'52" | 1.50' | 2.47' | 1.62' |
| C26 | 81°09'58" | 27.50' | 38.96' | 23.56' |
| C27 | 94°25'12" | 1.50' | 2.47' | 1.62' |
| C28 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C29 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C30 | 90°01'54" | 1.50' | 2.36' | 1.50' |
| C31 | 89°58'06" | 27.50' | 43.18' | 27.48' |
| C32 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C33 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C34 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C35 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C36 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C37 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C38 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C39 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C40 | 90°09'00" | 15.00' | 23.59' | 15.03' |
| C41 | 105°37'15" | 1.50' | 2.77' | 1.98' |
| C42 | 74°23'08" | 27.50' | 35.70' | 20.87' |
| C43 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C44 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C45 | 89°59'51" | 15.00' | 23.56' | 15.00' |
| C46 | 25°18'28" | 114.00' | 50.35' | 25.59' |
| C47 | 06°55'03" | 114.00' | 13.76' | 6.89' |
| C48 | 90°01'19" | 35.00' | 54.99' | 35.01' |
| C49 | 58°29'36" | 15.00' | 15.31' | 8.40' |
| C50 | 90°05'29" | 25.00' | 39.31' | 25.04' |
| C51 | 89°17'52" | 21.00' | 32.73' | 20.74' |
| C52 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C53 | 32°12'37" | 27.50' | 15.46' | 7.94' |
| C54 | 89°59'55" | 15.00' | 23.56' | 15.00' |
| C55 | 64°34'58" | 33.54' | 37.81' | 21.20' |
| C56 | 115°17'25" | 1.50' | 3.02' | 2.37' |
| C57 | 59°23'54" | 1.50' | 1.56' | 0.86' |
| C58 | 98°48'12" | 48.50' | 83.64' | 56.59' |
| C59 | 00°59'37" | 2998.38' | 52.00' | 26.00' |
| C60 | 07°55'27" | 2911.68' | 402.69' | 201.67' |
| C61 | 30°00'35" | 86.34' | 45.22' | 23.14' |
| C62 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C63 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C64 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C65 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C66 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C67 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C68 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C69 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C70 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C71 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C72 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C73 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C74 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C75 | 97°50'15" | 1.50' | 2.56' | 1.72' |
| C76 | 82°09'45" | 23.50' | 33.70' | 20.49' |
| C77 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C78 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C79 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C80 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C81 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C82 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C83 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C84 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C85 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C86 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C87 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C88 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C89 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C90 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C91 | 90°00'00" | 1.50' | 2.36' | 1.50' |

ALL DIMENSIONS ARE BASED ON BACK OF CURB UNLESS SHOWN OTHERWISE.

| CURVE TABLE | | | | |
|---|---|---|---|---|
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
| C92 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C93 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C94 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C95 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C96 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C97 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C98 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C99 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C100 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C101 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C102 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C103 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C104 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C105 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C106 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C107 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C108 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C109 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C110 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C111 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C112 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C113 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C114 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C115 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C116 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C117 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C118 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C119 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C120 | 92°36'19" | 1.50' | 2.42' | 1.57' |
| C121 | 87°23'41" | 23.50' | 35.85' | 22.46' |
| C122 | 05°04'58" | 27.50' | 2.44' | 1.22' |
| C123 | 66°57'23" | 13.50' | 15.78' | 8.93' |
| C124 | 65°59'00" | 13.50' | 15.55' | 8.76' |
| C125 | 05°34'40" | 27.50' | 2.68' | 1.34' |
| C126 | 05°28'25" | 27.50' | 2.63' | 1.31' |
| C127 | 90°51'16" | 1.50' | 2.38' | 1.52' |
| C128 | 90°22'49" | 1.50' | 2.37' | 1.51' |
| C129 | 05°30'32" | 27.50' | 2.64' | 1.32' |
| C130 | 180°00'00" | 1.50' | 4.71' | -- |
| C131 | 180°00'00" | 1.50' | 4.71' | -- |
| C132 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C133 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C134 | 89°09'33" | 1.50' | 2.33' | 1.48' |
| C135 | 90°51'14" | 1.50' | 2.38' | 1.52' |
| C136 | 91°16'24" | 1.50' | 2.39' | 1.53' |
| C137 | 88°43'36" | 24.00' | 37.17' | 23.47' |
| C138 | 89°50'57" | 1.50' | 2.35' | 1.50' |
| C139 | 18°04'11" | 20.51' | 6.47' | 3.26' |
| C140 | 64°29'33" | 4.50' | 5.07' | 2.84' |
| C141 | 91°50'49" | 1.50' | 2.40' | 1.55' |
| C142 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C143 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C144 | 96°37'33" | 1.50' | 2.53' | 1.68' |
| C145 | 83°22'27" | 27.50' | 40.02' | 24.49' |
| C146 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C147 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C148 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C149 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C150 | 29°00'52" | 52.50' | 26.59' | 13.58' |
| C151 | 119°52'40" | 1.50' | 3.14' | 2.59' |
| C152 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C153 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C154 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C155 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C156 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C157 | 90°00'00" | 19.00' | 29.85' | 19.00' |
| C158 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C159 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C160 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C161 | 180°00'00" | 1.67' | 5.24' | -- |
| C162 | 90°34'10" | 24.93' | 39.41' | 25.18' |
| C163 | 89°24'03" | 10.00' | 15.60' | 9.90' |
| C164 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C165 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C166 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C167 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C168 | 90°20'14" | 1.50' | 2.37' | 1.51' |
| C169 | 89°59'28" | 15.00' | 23.56' | 15.00' |
| C170 | 90°02'16" | 0.50' | 0.79' | 0.50' |
| C171 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C172 | 102°31'34" | 1.50' | 2.68' | 1.87' |
| C173 | 100°26'02" | 0.50' | 0.88' | 0.60' |
| C174 | 70°08'44" | 6.00' | 7.35' | 4.21' |
| C175 | 86°51'24" | 27.50' | 41.69' | 26.03' |
| C176 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C177 | 90°00'00" | 1.50' | 2.36' | 1.50' |
| C178 | 92°36'19" | 1.50' | 2.42' | 1.57' |
| C179 | 87°23'41" | 23.50' | 35.85' | 22.46' |
| C180 | 180°00'00" | 0.50' | 1.57' | -- |
| C181 | 57°46'09" | 25.00' | 25.21' | 13.79' |
| C182 | 57°46'09" | 5.00' | 5.04' | 2.76' |

ALL DIMENSIONS ARE BASED ON BACK OF CURB UNLESS SHOWN OTHERWISE.

## UTILITY NOTE

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

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

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY
CALL BEFORE YOU DO OVERHEAD
CALL 1-702-227-2929

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY
CALL BEFORE YOU DO UNDERGROUND
Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

PROFESSIONAL ENGINEER - STATE OF NEVADA
ROBERT GELU
EXP. 6-30-09
CIVIL
No. 17741
9-26-07

CW diag# 107 Y4 960

H# 24130


SUMMIT ENGINEERING CORPORATION
393 PILOT ROAD, SUITE A, LAS VEGAS, NV. 89119
PHONE (702) 252-5235 FAX (702) 252-5247


DESIGNED BY:
DRAWN BY: ACADR14
CHECKED BY:
DATE: Copyright SUMMIT ENG 2007

# CIVIL IMPROVEMENT PLANS FOR STEWART AND NELLIS HORIZONTAL CONTROL PLAN

CLARK COUNTY NEVADA LAS VEGAS

| REV. | DATE | DESCRIPTION | BY | APP'D |
|---|---|---|---|---|
| | | | | |

SCALE
HORIZ: 1"=20'
VERT: N/A

JOB NO. J73093

N:\DWG6\J73093\Finals\093_03_HCP.DWG 9/27 AM • 26-AUG-2007

SHEET C3 OF 26