



TYPICAL RETAINING WALL SECTION - REDUCED GRAVEL  
 WALLS 5'-0" to 16'-0" IN HEIGHT

WALL SCHEDULE - ALLOWABLE BRG. PRESSURE = 1500 PSF

HEIGHT (H)	BASE WIDTH (B)	WALL THKNS (T)	EMBEDMENT (U)	MORTAR THICKNESS (M)	BATTER WIDTH (S)	KEY DEPTH (K)	TOE WIDTH (W)
5'	6'	1'	8"	9"	12"	6"	25"
6'	7'	1'	9"	10"	13"	7"	26"
7'	8'	1'	10"	11"	14"	8"	27"
8'	9'	1'	11"	12"	15"	9"	28"
9'	10'	1'	12"	13"	16"	10"	29"
10'	11'	1'	13"	14"	17"	11"	30"
11'	12'	1'	14"	15"	18"	12"	31"
12'	13'	1'	15"	16"	19"	13"	32"
13'	14'	1'	16"	17"	20"	14"	33"
14'	15'	1'	17"	18"	21"	15"	34"
15'	16'	1'	18"	19"	22"	16"	35"
16'	17'	1'	19"	20"	23"	17"	36"
17'	18'	1'	20"	21"	24"	18"	37"
18'	19'	1'	21"	22"	25"	19"	38"
19'	20'	1'	22"	23"	26"	20"	39"
20'	21'	1'	23"	24"	27"	21"	40"
21'	22'	1'	24"	25"	28"	22"	41"
22'	23'	1'	25"	26"	29"	23"	42"
23'	24'	1'	26"	27"	30"	24"	43"
24'	25'	1'	27"	28"	31"	25"	44"
25'	26'	1'	28"	29"	32"	26"	45"
26'	27'	1'	29"	30"	33"	27"	46"
27'	28'	1'	30"	31"	34"	28"	47"
28'	29'	1'	31"	32"	35"	29"	48"
29'	30'	1'	32"	33"	36"	30"	49"
30'	31'	1'	33"	34"	37"	31"	50"
31'	32'	1'	34"	35"	38"	32"	51"
32'	33'	1'	35"	36"	39"	33"	52"
33'	34'	1'	36"	37"	40"	34"	53"
34'	35'	1'	37"	38"	41"	35"	54"
35'	36'	1'	38"	39"	42"	36"	55"
36'	37'	1'	39"	40"	43"	37"	56"
37'	38'	1'	40"	41"	44"	38"	57"
38'	39'	1'	41"	42"	45"	39"	58"
39'	40'	1'	42"	43"	46"	40"	59"
40'	41'	1'	43"	44"	47"	41"	60"
41'	42'	1'	44"	45"	48"	42"	61"
42'	43'	1'	45"	46"	49"	43"	62"
43'	44'	1'	46"	47"	50"	44"	63"
44'	45'	1'	47"	48"	51"	45"	64"
45'	46'	1'	48"	49"	52"	46"	65"
46'	47'	1'	49"	50"	53"	47"	66"
47'	48'	1'	50"	51"	54"	48"	67"
48'	49'	1'	51"	52"	55"	49"	68"
49'	50'	1'	52"	53"	56"	50"	69"
50'	51'	1'	53"	54"	57"	51"	70"
51'	52'	1'	54"	55"	58"	52"	71"
52'	53'	1'	55"	56"	59"	53"	72"
53'	54'	1'	56"	57"	60"	54"	73"
54'	55'	1'	57"	58"	61"	55"	74"
55'	56'	1'	58"	59"	62"	56"	75"
56'	57'	1'	59"	60"	63"	57"	76"
57'	58'	1'	60"	61"	64"	58"	77"
58'	59'	1'	61"	62"	65"	59"	78"
59'	60'	1'	62"	63"	66"	60"	79"
60'	61'	1'	63"	64"	67"	61"	80"
61'	62'	1'	64"	65"	68"	62"	81"
62'	63'	1'	65"	66"	69"	63"	82"
63'	64'	1'	66"	67"	70"	64"	83"
64'	65'	1'	67"	68"	71"	65"	84"
65'	66'	1'	68"	69"	72"	66"	85"
66'	67'	1'	69"	70"	73"	67"	86"
67'	68'	1'	70"	71"	74"	68"	87"
68'	69'	1'	71"	72"	75"	69"	88"
69'	70'	1'	72"	73"	76"	70"	89"
70'	71'	1'	73"	74"	77"	71"	90"
71'	72'	1'	74"	75"	78"	72"	91"
72'	73'	1'	75"	76"	79"	73"	92"
73'	74'	1'	76"	77"	80"	74"	93"
74'	75'	1'	77"	78"	81"	75"	94"
75'	76'	1'	78"	79"	82"	76"	95"
76'	77'	1'	79"	80"	83"	77"	96"
77'	78'	1'	80"	81"	84"	78"	97"
78'	79'	1'	81"	82"	85"	79"	98"
79'	80'	1'	82"	83"	86"	80"	99"
80'	81'	1'	83"	84"	87"	81"	100"

TYPICAL RETAINING WALL SECTION - REDUCED GRAVEL w/SURCHARGE LOADING  
 WALLS 12'-0" to 15'-0" IN HEIGHT

WALL SCHEDULE - RG. & SURCHARGE LOADING

HEIGHT (H)	BASE WIDTH (B)	WALL THKNS (T)	EMBEDMENT (U)	MORTAR THICKNESS (M)	BATTER WIDTH (S)	KEY DEPTH (K)	TOE WIDTH (W)
12'	13'	1'	14"	15"	18"	6"	25"
13'	14"	1'	15"	16"	19"	7"	26"
14"	15"	1'	16"	17"	20"	8"	27"
15"	16"	1'	17"	18"	21"	9"	28"
16"	17"	1'	18"	19"	22"	10"	29"
17"	18"	1'	19"	20"	23"	11"	30"
18"	19"	1'	20"	21"	24"	12"	31"
19"	20"	1'	21"	22"	25"	13"	32"
20"	21"	1'	22"	23"	26"	14"	33"
21"	22"	1'	23"	24"	27"	15"	34"
22"	23"	1'	24"	25"	28"	16"	35"
23"	24"	1'	25"	26"	29"	17"	36"
24"	25"	1'	26"	27"	30"	18"	37"
25"	26"	1'	27"	28"	31"	19"	38"
26"	27"	1'	28"	29"	32"	20"	39"
27"	28"	1'	29"	30"	33"	21"	40"
28"	29"	1'	30"	31"	34"	22"	41"
29"	30"	1'	31"	32"	35"	23"	42"
30"	31"	1'	32"	33"	36"	24"	43"
31"	32"	1'	33"	34"	37"	25"	44"
32"	33"	1'	34"	35"	38"	26"	45"
33"	34"	1'	35"	36"	39"	27"	46"
34"	35"	1'	36"	37"	40"	28"	47"
35"	36"	1'	37"	38"	41"	29"	48"
36"	37"	1'	38"	39"	42"	30"	49"
37"	38"	1'	39"	40"	43"	31"	50"
38"	39"	1'	40"	41"	44"	32"	51"
39"	40"	1'	41"	42"	45"	33"	52"
40"	41"	1'	42"	43"	46"	34"	53"
41"	42"	1'	43"	44"	47"	35"	54"
42"	43"	1'	44"	45"	48"	36"	55"
43"	44"	1'	45"	46"	49"	37"	56"
44"	45"	1'	46"	47"	50"	38"	57"
45"	46"	1'	47"	48"	51"	39"	58"
46"	47"	1'	48"	49"	52"	40"	59"
47"	48"	1'	49"	50"	53"	41"	60"
48"	49"	1'	50"	51"	54"	42"	61"
49"	50"	1'	51"	52"	55"	43"	62"
50"	51"	1'	52"	53"	56"	44"	63"
51"	52"	1'	53"	54"	57"	45"	64"
52"	53"	1'	54"	55"	58"	46"	65"
53"	54"	1'	55"	56"	59"	47"	66"
54"	55"	1'	56"	57"	60"	48"	67"
55"	56"	1'	57"	58"	61"	49"	68"
56"	57"	1'	58"	59"	62"	50"	69"
57"	58"	1'	59"	60"	63"	51"	70"
58"	59"	1'	60"	61"	64"	52"	71"
59"	60"	1'	61"	62"	65"	53"	72"
60"	61"	1'	62"	63"	66"	54"	73"
61"	62"	1'	63"	64"	67"	55"	74"
62"	63"	1'	64"	65"	68"	56"	75"
63"	64"	1'	65"	66"	69"	57"	76"
64"	65"	1'	66"	67"	70"	58"	77"
65"	66"	1'	67"	68"	71"	59"	78"
66"	67"	1'	68"	69"	72"	60"	79"
67"	68"	1'	69"	70"	73"	61"	80"
68"	69"	1'	70"	71"	74"	62"	81"
69"	70"	1'	71"	72"	75"	63"	82"
70"	71"	1'	72"	73"	76"	64"	83"
71"	72"	1'	73"	74"	77"	65"	84"
72"	73"	1'	74"	75"	78"	66"	85"
73"	74"	1'	75"	76"	79"	67"	86"
74"	75"	1'	76"	77"	80"	68"	87"
75"	76"	1'	77"	78"	81"	69"	88"
76"	77"	1'	78"	79"	82"	70"	89"
77"	78"	1'	79"	80"	83"	71"	90"
78"	79"	1'	80"	81"	84"	72"	91"
79"	80"	1'	81"	82"	85"	73"	92"
80"	81"	1'	82"	83"	86"	74"	93"
81"	82"	1'	83"	84"	87"	75"	94"
82"	83"	1'	84"	85"	88"	76"	95"
83"	84"	1'	85"	86"	89"	77"	96"
84"	85"	1'	86"	87"	90"	78"	97"
85"	86"	1'	87"	88"	91"	79"	98"
86"	87"	1'	88"	89"	92"	80"	99"
87"	88"	1'	89"	90"	93"	81"	100"

BLOCK F - LOTS 8-12

**DSE STRUCTURES**  
 CONSULTING ENGINEERS  
 TX PLAN REG. #7-810  
 1010 E. ARAPHO ROAD, SUITE 106  
 RICHARDSON, TX 75081 214-741-3096

THE ENGINEERS SEAL ON THIS PLAN  
 WAS ELECTRONICALLY AFFIXED BY LINDA  
 KOTTMAYER, REGISTRATION NO. 93897 ON  
 JANUARY 11, 2016

REVISIONS

WALICO RETAINING WALLS, INC.  
 THE PRESERVE - PHASE I  
 ROCKWALL, TEXAS  
 PLAN: STANDARD RW NOTES AND DETAILS  
 HIGHLAND DR. & EAST FORK ROAD

220026-1  
 DATE 01/11/16  
 DRAWN BY  
 CHECKED BY LK  
 SHEET 51.04