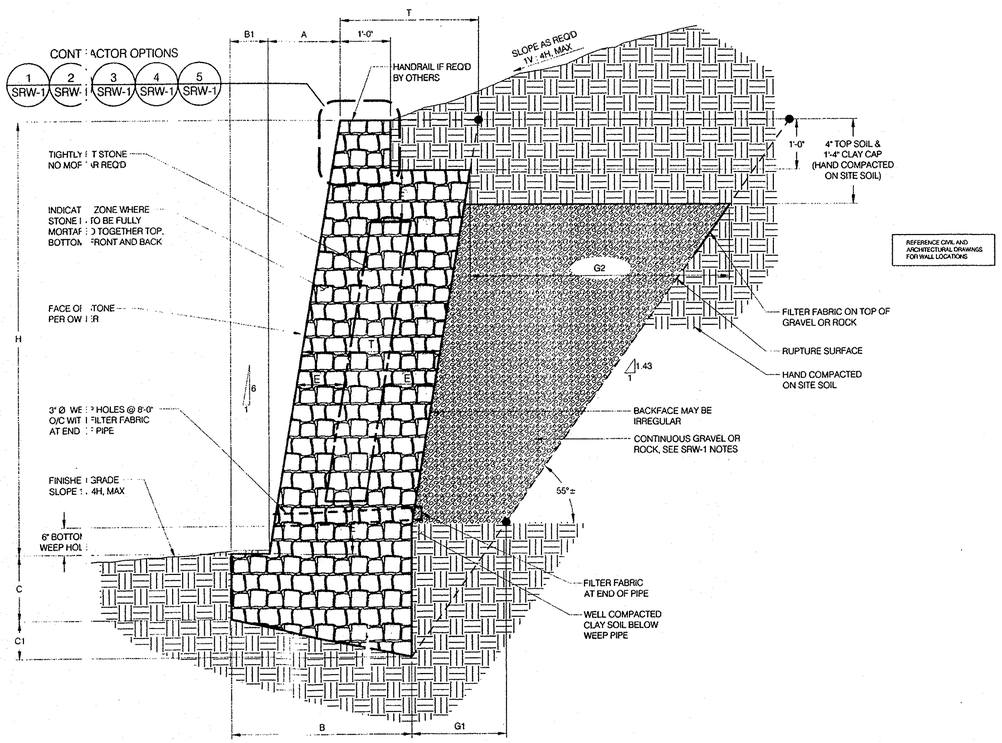
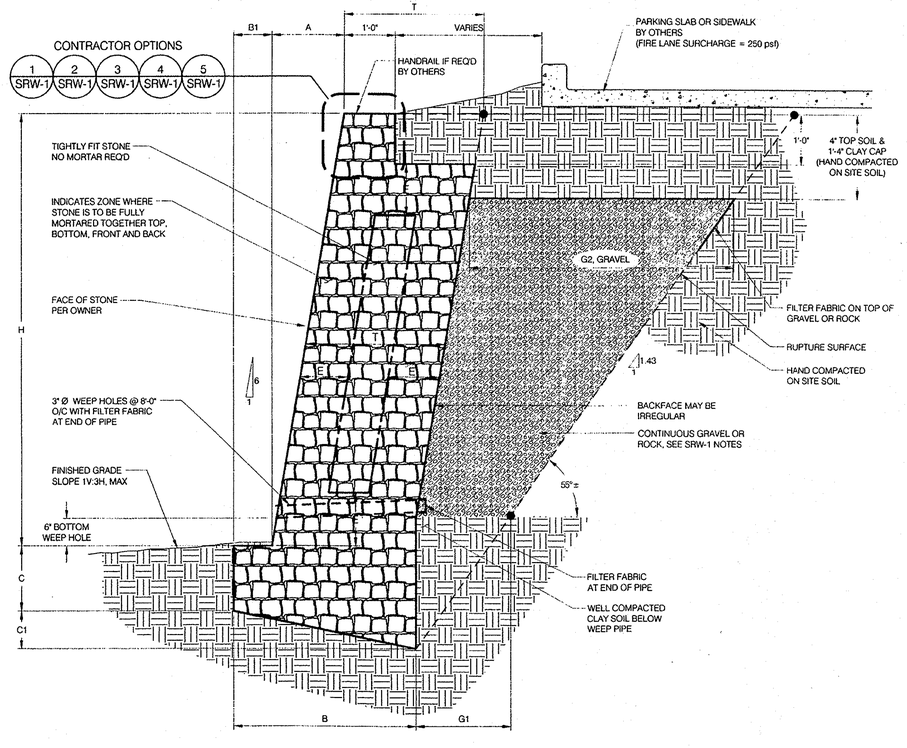


1 SRW-2 SCALE: 3/4" = 1'-0" TYPICAL 6-1 WALL SECTION

BEARING ON UNDISTURBED ONSITE SOIL OR COMPACTED AND TESTED SOILS
SLOPE SOILS ON TOP & BOTTOM OF WALL 1V : 4H (14°) MAX



2 SRW-2 SCALE: 3/4" = 1'-0" TYPICAL 6-1 WALL SECTION ADJACENT TO FIRELANE

BEARING ON UNDISTURBED ONSITE SOIL OR COMPACTED AND TESTED SOILS
SLOPE SOILS ON BOTTOM OF WALL 1V : 4H (14°) MAX

MASONRY WALL SCHEDULE

2000 psf - BEARING CAPACITY (UNDISTURBED ONSITE SOILS OR COMPACTED AND TESTED SOILS SEE GENERAL NOTES SHEET SRW-1)

WALL HEIGHT H	BATTER A	BASE WIDTH B	TOE B1	WALL THICKNESS T	BASE DEPTH C	BASE DEPTH C1	FULLY MORTARED E	GRAVEL (BOTTOM) G1	GRAVEL (TOP) G2	VOLUME STONE cf/ft	VOLUME GRAVEL cf/ft	BEARING CAPACITY
2'-0"	0'-4"	1'-0"	0'-0"	1'-0"	0'-10"	0'-2"	FULLY MORTARED	1'-1"	0'-10"	2.9	0.6	2000 psf
3'-0"	0'-6"	1'-3"	0'-0"	1'-3"	0'-9"	0'-3"	FULLY MORTARED	1'-1"	1'-5"	4.9	1.0	
4'-0"	0'-8"	1'-9"	0'-3"	1'-6"	0'-11"	0'-4"	FULLY MORTARED	1'-3"	2'-1"	7.9	3.1	
5'-0"	0'-10"	2'-1"	0'-4"	1'-9"	1'-2"	0'-4"	FULLY MORTARED	1'-5"	2'-10"	11.5	6.0	
6'-0"	1'-0"	2'-7"	0'-5"	2'-2"	1'-1"	0'-5"	0'-9"	1'-5"	3'-4"	16.3	9.1	
7'-0"	1'-2"	3'-0"	0'-6"	2'-6"	1'-3"	0'-6"	0'-10"	1'-7"	4'-1"	22.0	13.6	
8'-0"	1'-4"	3'-5"	0'-7"	2'-10"	1'-3"	0'-7"	0'-11"	1'-8"	4'-8"	27.9	18.3	
9'-0"	1'-6"	3'-10"	0'-8"	3'-2"	1'-4"	0'-8"	1'-1"	1'-9"	5'-4"	34.9	24.1	
10'-0"	1'-8"	4'-2"	0'-8"	3'-6"	1'-5"	0'-9"	1'-2"	1'-10"	5'-11"	42.5	30.6	
11'-0"	1'-10"	4'-7"	0'-9"	3'-10"	1'-6"	0'-10"	1'-3"	1'-12"	6'-7"	51.0	37.9	
12'-0"	2'-0"	5'-0"	0'-10"	4'-2"	1'-7"	0'-11"	1'-5"	2'-1"	7'-3"	60.3	45.9	
13'-0"	2'-2"	5'-5"	1'-0"	4'-6"	1'-8"	0'-12"	1'-6"	2'-3"	7'-11"	70.5	54.8	
14'-0"	2'-4"	6'-0"	1'-2"	4'-10"	1'-9"	1'-1"	1'-7"	2'-4"	8'-6"	81.4	64.3	
15'-0"	2'-6"	6'-6"	1'-4"	5'-2"	1'-10"	1'-2"	1'-8"	2'-5"	9'-2"	93.3	74.7	

NOTE: USE THIS SCHEDULE FOR 1/SRW-2

MASONRY WALL SCHEDULE

2000 psf - BEARING CAPACITY (UNDISTURBED ONSITE SOILS OR COMPACTED AND TESTED SOILS SEE GENERAL NOTES SHEET SRW-1)

WALL HEIGHT H	BATTER A	BASE WIDTH B	TOE B1	WALL THICKNESS T	BASE DEPTH C	BASE DEPTH C1	FULLY MORTARED E	GRAVEL (BOTTOM) G1	GRAVEL (TOP) G2	VOLUME STONE cf/ft	VOLUME GRAVEL cf/ft	BEARING CAPACITY
2'-0"	0'-4"	1'-9"	0'-3"	1'-6"	0'-8"	0'-4"	FULLY MORTARED	1'-1"	0'-10"	4.5	0.6	2000 psf
3'-0"	0'-6"	2'-0"	0'-4"	1'-8"	0'-8"	0'-4"	FULLY MORTARED	1'-1"	1'-5"	6.7	1.0	
4'-0"	0'-8"	2'-4"	0'-6"	1'-10"	0'-10"	0'-5"	FULLY MORTARED	1'-3"	2'-1"	9.8	3.1	
5'-0"	0'-10"	2'-9"	0'-7"	2'-2"	1'-0"	0'-6"	FULLY MORTARED	1'-5"	2'-10"	14.3	6.0	
6'-0"	1'-0"	3'-1"	0'-8"	2'-5"	0'-11"	0'-7"	0'-10"	1'-5"	3'-4"	18.3	9.1	
7'-0"	1'-2"	3'-6"	0'-9"	2'-9"	1'-2"	0'-7"	0'-11"	1'-7"	4'-1"	24.3	13.6	
8'-0"	1'-4"	3'-10"	0'-10"	3'-0"	1'-2"	0'-8"	1'-0"	1'-8"	4'-8"	29.7	18.3	
9'-0"	1'-6"	4'-3"	0'-11"	3'-4"	1'-3"	0'-9"	1'-1"	1'-9"	5'-4"	36.9	24.1	
10'-0"	1'-8"	4'-8"	1'-0"	3'-8"	1'-4"	0'-10"	1'-3"	1'-10"	5'-11"	44.9	30.6	
11'-0"	1'-10"	5'-1"	1'-1"	4'-0"	1'-5"	0'-11"	1'-4"	1'-12"	6'-7"	53.6	37.9	
12'-0"	2'-0"	5'-6"	1'-2"	4'-4"	1'-6"	0'-12"	1'-5"	2'-1"	7'-3"	63.0	45.9	
13'-0"	2'-2"	6'-0"	1'-4"	4'-8"	1'-7"	1'-1"	1'-7"	2'-3"	7'-11"	73.6	54.8	
14'-0"	2'-4"	6'-8"	1'-6"	5'-0"	1'-10"	1'-2"	1'-8"	2'-5"	8'-8"	86.1	65.7	
15'-0"	2'-6"	7'-4"	2'-0"	5'-4"	2'-0"	1'-4"	1'-9"	2'-8"	9'-5"	99.6	77.6	

NOTE: USE THIS SCHEDULE FOR 2/SRW-2

RECORD DRAWING
THIS RECORD DRAWING HEREIN REFLECTS TO THE BEST OF THE DESIGN ENGINEER'S KNOWLEDGE, THE APPROXIMATE LOCATION OF THE CONSTRUCTED WORK, USING INFORMATION AS PROVIDED BY THE CONTRACTORS AND SURVEYED GRADES.

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Contractor

ENGINEERED RETAINING WALL SYSTEMS, INC.
EULESS, TEXAS

ROCKWALL COMMONS
ROCKWALL, TEXAS

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DIRK CARVAJAL 88456 REGISTERED PROFESSIONAL ENGINEER
8-27-04

Revisions

#	ISSUE	DATE

Sheet Information

Date	8/27/04
FX Job #	0122
Scale	AS NOTED
Drawn	RKR
Approved	FDC

Sheet Title

TYPICAL WALL SECTIONS

Sheet #

SRW-2

ISSUE for CONSTRUCTION