

MASONRY WALL SCHEDULE									
1500 psf - BEARING CAPACITY (STIFF NATURAL UNDISTURBED SOILS - SEE GENERAL NOTES SHEET RW1)									
WALL HEIGHT H	BASE WIDTH B1	TOE B	BASE DEPTH (TOE) C	BASE DEPTH (HEEL) C1	BATTER A	REINFORCED ZONE E	THICKNESS OF WALL T	DRAINAGE ZONE THICKNESS G	BEARING CAPACITY
1'-0"	2'-0"	1'-0"	0'-6"	0'-5"	1 1/2"	DAILY MORTARED	1'-0"	SEE A/RW2	1500 psf
2'-0"	2'-2"	1'-2"	0'-9"	0'-5"	3"	DAILY MORTARED	1'-0"	SEE A/RW2	
3'-0"	2'-3"	1'-3"	0'-9"	0'-5"	4 1/2"	DAILY MORTARED	1'-0"	SEE A/RW2	
4'-0"	2'-4"	1'-4"	1'-0"	0'-5"	6"	DAILY MORTARED	1'-0"	SEE A/RW2	
5'-0"	2'-11"	1'-5"	1'-3"	0'-7"	7 1/2"	DAILY MORTARED	1'-6"	1'-0"	
WALL DESIGN CRITERIA									
BEARING	SLOPE TOP	SLOPE BOT	ACTIVE PRESSURE	PASSIVE PRESSURE	FRICTION ANGLE BASE	SLOPE OF BACK OF WALL	SURCHARGE		
1500PSF	5.71 deg	7.13 deg	26 deg	26 deg	17 deg	97.13 deg	0 psf		

USE THIS SCHEDULE FOR 2/RW2

2
RW2

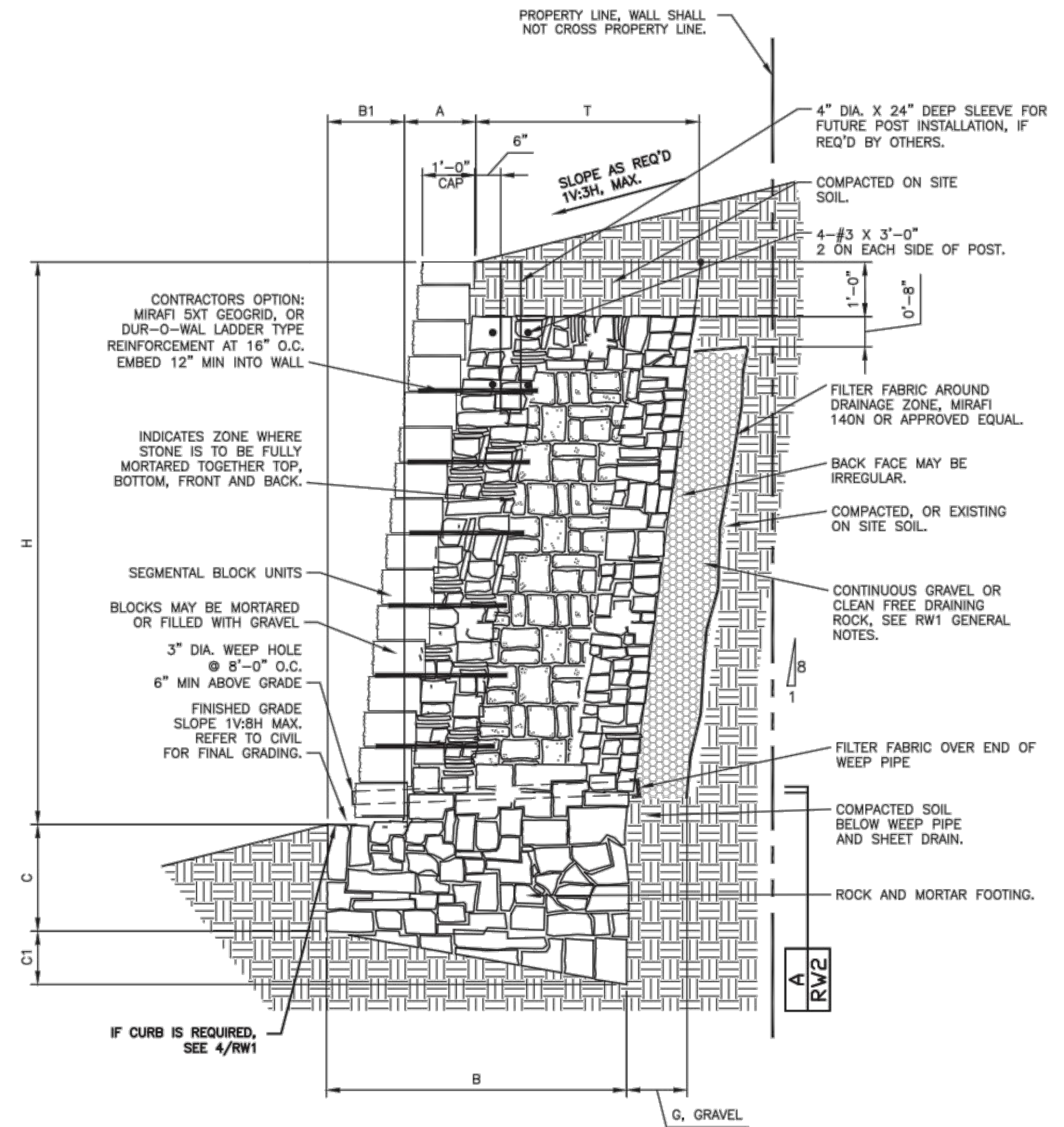
TYPICAL WALL SECTION - 1V:10H MAX SLOPE ABOVE WALL
1V:8H MAX SLOPE BELOW WALL
BEARING IN CLAYEY OR SANDY SOILS

1/2" = 1'-0"

RECORD DRAWINGS:
IT WAS THE INTENT THAT THE IMPROVEMENTS SHOWN BE CONSTRUCTED ACCORDING TO THESE PLANS AS APPROVED BY THE CITY. THE LINES AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. THE CITY INSPECTED THE CONSTRUCTION. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION OTHER THAN THOSE SHOWN. TO THE BEST OF OUR KNOWLEDGE, WESTWOOD PROFESSIONAL SERVICES, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR. DATE: 02-08-2024

1
RW2

TYPICAL WALL SECTION BEARING IN CLAYS
MAX. SLOPE ABOVE WALL 1V:3H
MAX. SLOPE BELOW WALL 1V:8H



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WALL HEIGHT H	BASE WIDTH B1	TOE B	BASE DEPTH (TOE) C	BASE DEPTH (HEEL) C1	BATTER A	REINFORCED ZONE E	THICKNESS OF WALL T	DRAINAGE ZONE THICKNESS G	BEARING CAPACITY
1'-0"	2'-0"	1'-0"	1'-0"	0'-5"	1 1/2"	DAILY MORTARED	1'-0"	SEE A/RW2	1500 psf
2'-0"	2'-2"	1'-2"	1'-0"	0'-5"	3"	DAILY MORTARED	1'-0"	SEE A/RW2	
3'-0"	2'-3"	1'-3"	1'-0"	0'-5"	4 1/2"	DAILY MORTARED	1'-0"	SEE A/RW2	
4'-0"	3'-0"	1'-4"	1'-0"	0'-7"	6"	DAILY MORTARED	1'-8"	SEE A/RW2	
5'-0"	3'-10"	1'-5"	1'-3"	0'-9"	7 1/2"	DAILY MORTARED	2'-5"	1'-0"	
WALL DESIGN CRITERIA									
BEARING	SLOPE TOP	SLOPE BOT	ACTIVE PRESSURE	PASSIVE PRESSURE	FRICTION ANGLE BASE	SLOPE OF BACK OF WALL	SURCHARGE		
1500PSF	18.43 deg	7.13 deg	26 deg	26 deg	17 deg	97.13 deg	0 psf		

USE THIS SCHEDULE FOR 1/RW2

DATE	BY	NO.	DATE	REVISION	BY
08-25-20	JAU				
08-25-20	EJC				
08-25-20	JAU				

Falkofske Engineering, Inc.
Structural Engineering Consultants
TX Reg. Engineering Firm F-4038
722 North Fielder Road
Arlington, Texas 76012
(817) 261-8300

The use of these plans and specifications shall be restricted to the project for which they were prepared. Any use for other projects is expressly prohibited. This information is provided for informational purposes only and does not constitute a contract. The information contained herein is preliminary and subject to change without notice. FALKOFSKE ENGINEERING

MASONRY RETAINING WALLS
SPR PACKAGING ADDITION
1480 JUSTIN ROAD
ROCKWALL, TEXAS

WALCO RETAINING WALLS, INC.
4800 S.E. LOOP 820
FORT WORTH, TEXAS 76140

JOB NO. 517.20

RW2