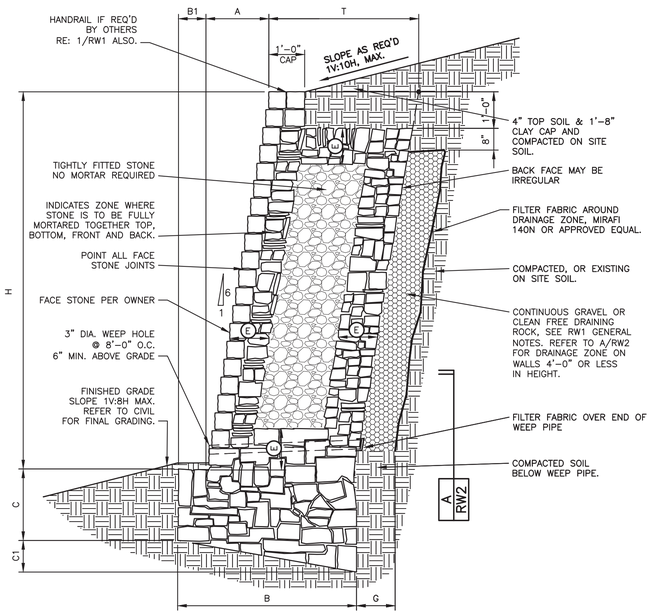

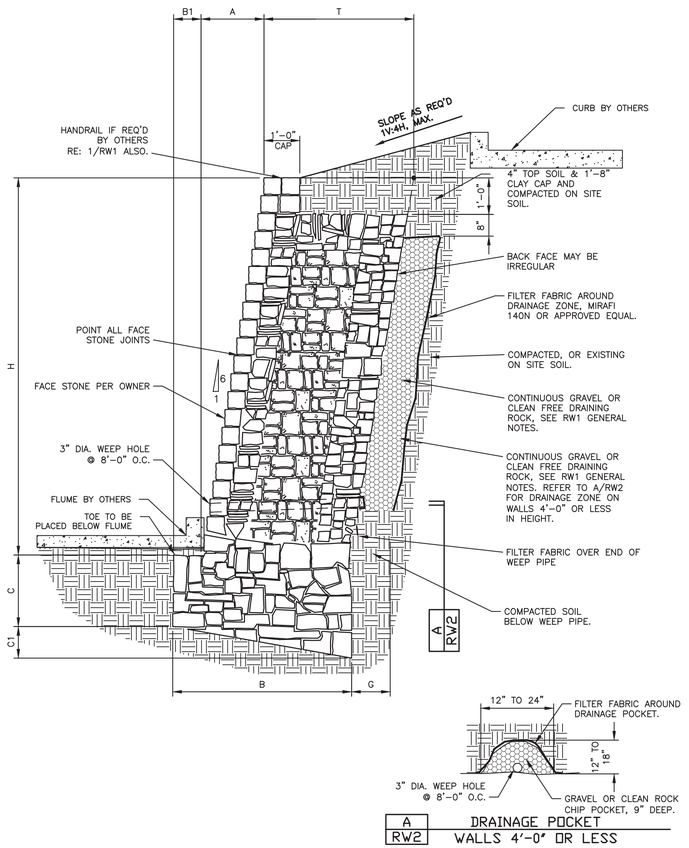

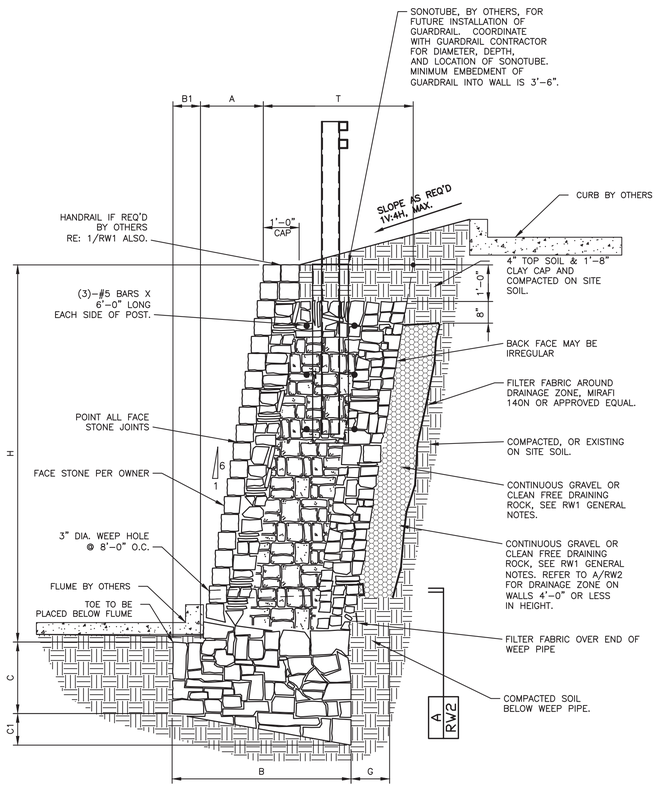

MASONRY WALL SCHEDULE
1500 psf – BEARING CAPACITY (STIFF NATURAL UNDISTURBED SOILS SEE GENERAL NOTES SHEET RW1)

WALL HEIGHT H	BASE WIDTH B	TOE B1	BASE DEPTH (TOE) C	BASE DEPTH (HEEL) C1	BATTER A	FULLY MORTARED ZONE E	THICKNESS OF WALL T	DRAINAGE ZONE THICKNESS G	BEARING CAPACITY
1'-0"	1'-0"	0'-2"	0'-6"	0'-2"	0'-2"	FULLY MORTARED	1'-0"	SEE A/RW2	1500 psf
2'-0"	1'-2"	0'-2"	0'-9"	0'-3"	0'-4"	FULLY MORTARED	1'-0"	SEE A/RW2	
3'-0"	1'-7"	0'-3"	0'-9"	0'-4"	0'-6"	FULLY MORTARED	1'-4"	SEE A/RW2	
4'-0"	2'-3"	0'-4"	1'-0"	0'-5"	0'-8"	FULLY MORTARED	1'-11"	SEE A/RW2	
5'-0"	2'-9"	0'-5"	1'-3"	0'-6"	0'-10"	0'-8"	2'-4"	1'-0"	
6'-0"	3'-4"	0'-6	1'-6"	0'-8"	1'-0"	0'-10"	2'-10"	1'-0"	
7'-0"	4'-0"	0'-7"	1'-9"	0'-9"	1'-2"	0'-10"	3'-5"	1'-0"	
8'-0"	4'-9"	0'-8"	2'-0"	0'-11"	1'-4"	1'-0"	4'-1"	1'-0"	

WALL DESIGN CRITERIA

BEARING Qa	SLOPE TOP β	SLOPE BOT β1	ACTIVE PRESSURE Φa	PASSIVE PRESSURE Φp	FRICTION ANGLE BASE δ	SLOPE OF BACK OF WALL α	SURCHARGE q
1500PSF	5.71 deg	7.13 deg	26 deg	26 deg	17 deg	99.46 deg	0 psf

USE THIS SCHEDULE FOR 3/RW2

MASONRY WALL SCHEDULE
1500 psf – BEARING CAPACITY (STIFF NATURAL UNDISTURBED SOILS SEE GENERAL NOTES SHEET RW1)

WALL HEIGHT H	BASE WIDTH B	TOE B1	BASE DEPTH (TOE) C	BASE DEPTH (HEEL) C1	BATTER A	FULLY MORTARED ZONE E	THICKNESS OF WALL T	DRAINAGE ZONE THICKNESS G	BEARING CAPACITY
1'-0"	1'-2"	0'-2"	0'-6"	0'-7"	0'-2"	FULLY MORTARED	1'-0"	SEE A/RW2	1500 psf
2'-0"	1'-3"	0'-2"	0'-9"	0'-7"	0'-4"	FULLY MORTARED	1'-1"	SEE A/RW2	
3'-0"	1'-9"	0'-3"	0'-9"	0'-8"	0'-6"	FULLY MORTARED	1'-6"	SEE A/RW2	

WALL DESIGN CRITERIA

BEARING Qa	SLOPE TOP β	SLOPE BOT β1	ACTIVE PRESSURE Φa	PASSIVE PRESSURE Φp	FRICTION ANGLE BASE δ	SLOPE OF BACK OF WALL α	SURCHARGE q
1500PSF	14 deg	7.13 deg	26 deg	26 deg	17 deg	99.46 deg	0 psf

USE THIS SCHEDULE FOR 2/RW2

MASONRY WALL SCHEDULE
1500 psf – BEARING CAPACITY (STIFF NATURAL UNDISTURBED SOILS SEE GENERAL NOTES SHEET RW1)

WALL HEIGHT H	BASE WIDTH B	TOE B1	BASE DEPTH (TOE) C	BASE DEPTH (HEEL) C1	BATTER A	FULLY MORTARED ZONE E	THICKNESS OF WALL T	DRAINAGE ZONE THICKNESS G	BEARING CAPACITY
1'-0"	3'-7"	1'-6"	2'-6"	0'-7"	0'-2"	FULLY MORTARED	2'-1"	SEE A/RW2	1500 psf
2'-0"	3'-8"	1'-6"	2'-6"	0'-7"	0'-4"	FULLY MORTARED	2'-2"	SEE A/RW2	
3'-0"	3'-9"	1'-6"	2'-6"	0'-8"	0'-6"	FULLY MORTARED	2'-3"	SEE A/RW2	
4'-0"	3'-11"	1'-6"	2'-6"	0'-8"	0'-8"	FULLY MORTARED	2'-5"	SEE A/RW2	
5'-0"	4'-0"	1'-6"	2'-6"	0'-9"	0'-10"	FULLY MORTARED	2'-6"	1'-0"	

WALL DESIGN CRITERIA

BEARING Qa	SLOPE TOP β	SLOPE BOT β1	ACTIVE PRESSURE Φa	PASSIVE PRESSURE Φp	FRICTION ANGLE BASE δ	SLOPE OF BACK OF WALL α	SURCHARGE q	IMPACT f
1500PSF	14 deg	7.13 deg	26 deg	26 deg	17 deg	99.46 deg	0 psf	417 psf

USE THIS SCHEDULE FOR 1/RW2

RECEIVED
By DANA ADKINS at 8:30 am, Aug 31, 2021

3 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"

2 RW2 — TYPICAL WALL SECTION – 1V:4H MAX SLOPE ABOVE WALL
1V:8H MAX SLOPE BELOW WALL
BEARING IN BEDROCK
1/2" = 1'-0"

1 RW2 — TYPICAL WALL SECTION – 1V:4H MAX SLOPE ABOVE WALL
1V:8H MAX SLOPE BELOW WALL
BEARING IN BEDROCK
1/2" = 1'-0"

NO.	DATE	REVISION	BY

DES. BY — DATE
DRN. BDB — 08-18-21
CHK. MMR — 08-18-21

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08-18-21

JOB NO. 575.21

RW2