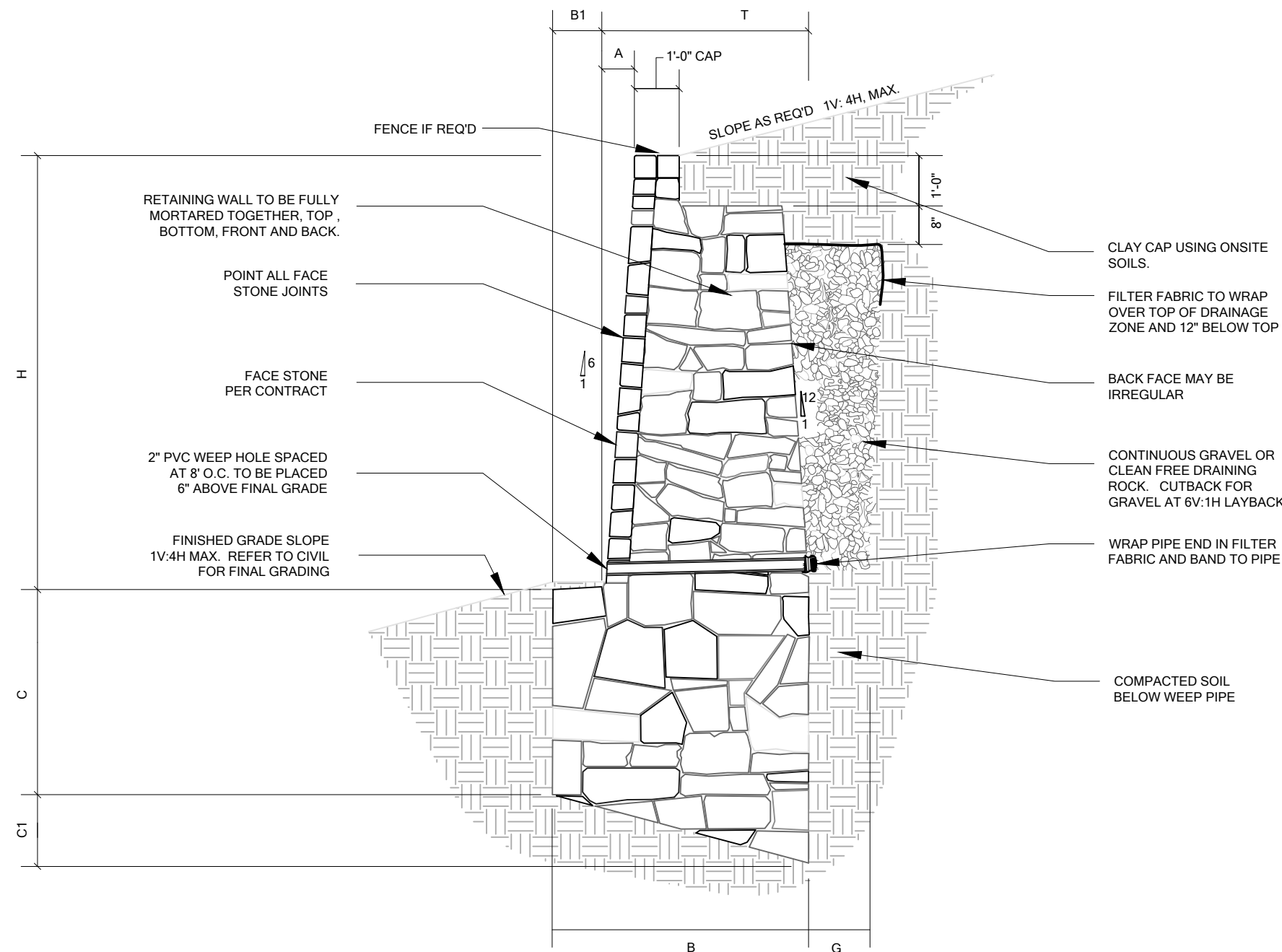
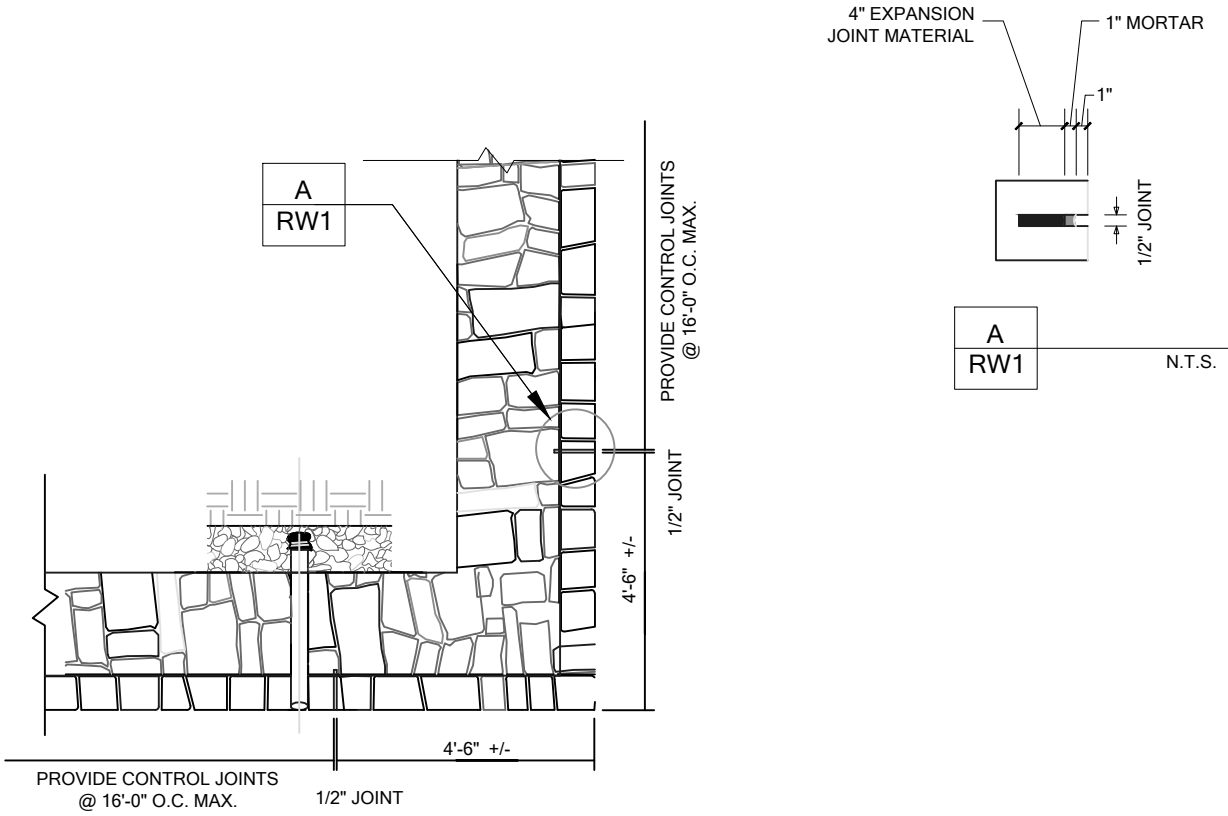
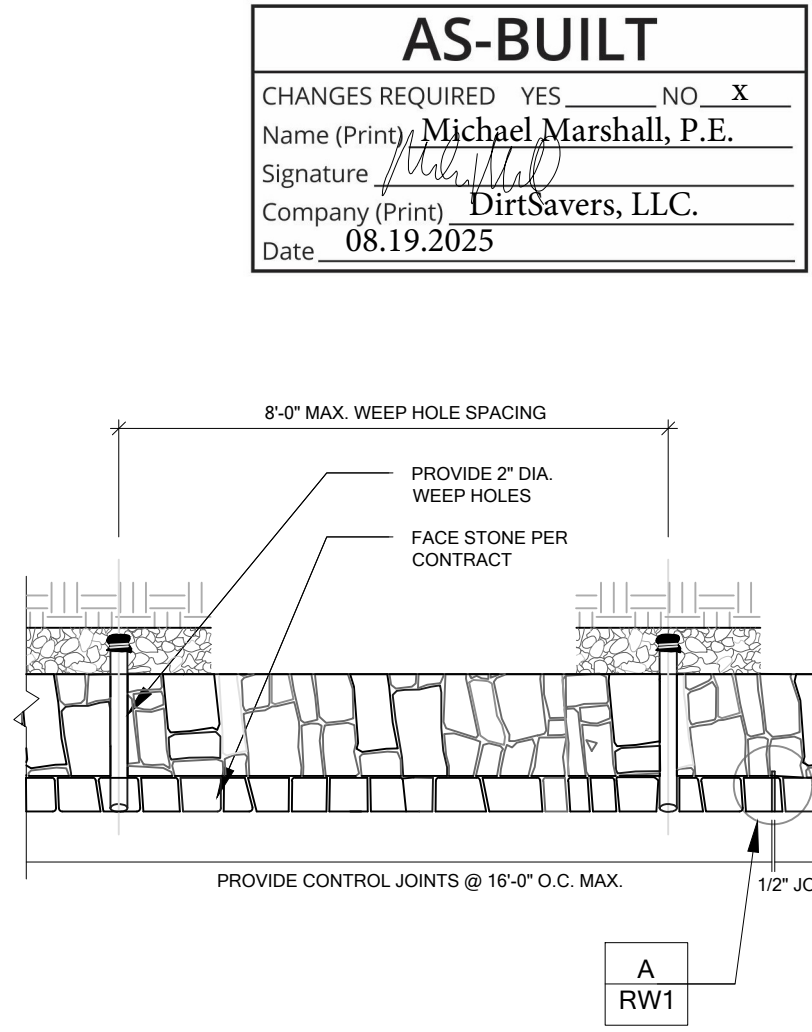


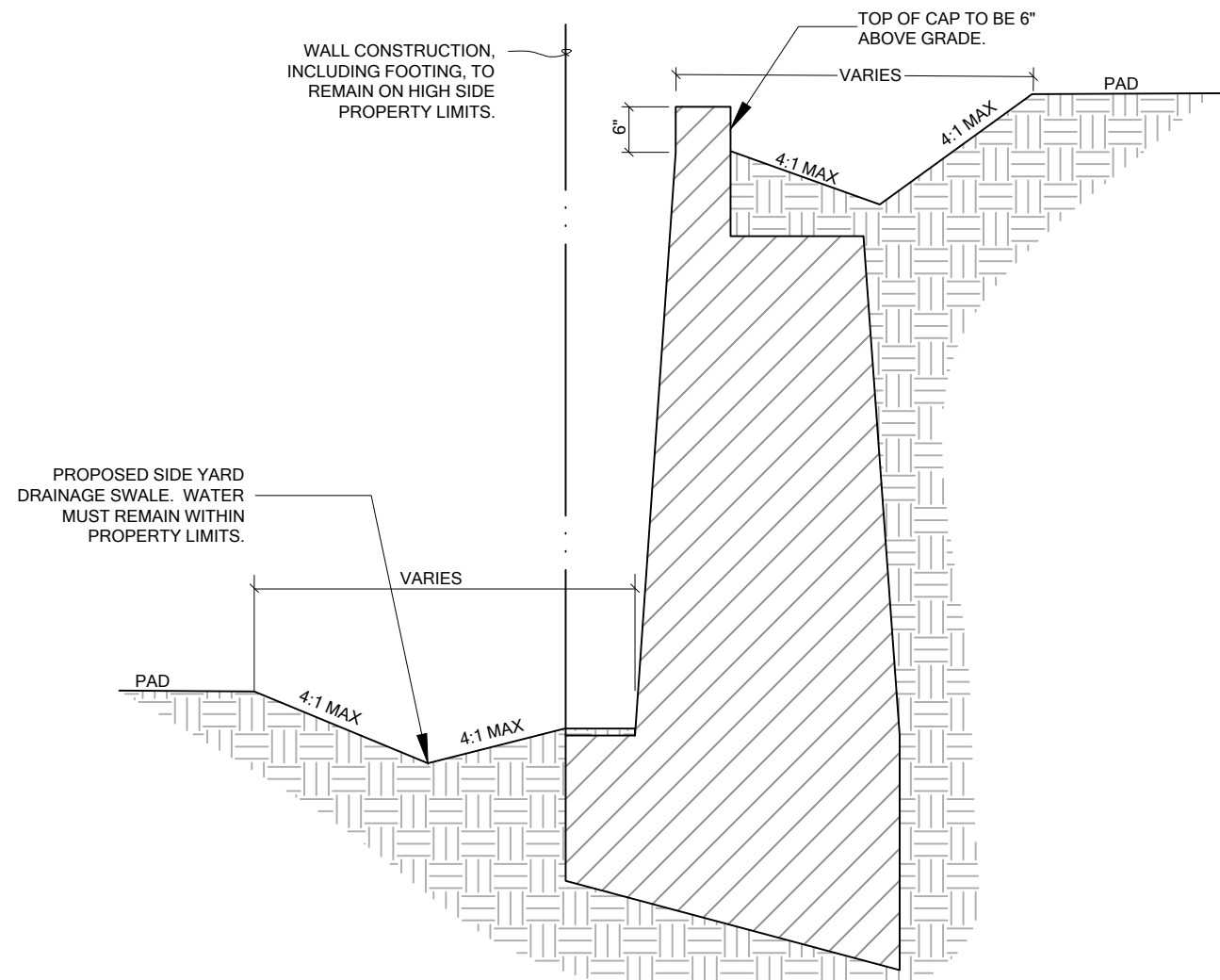


RW1/2 MASONRY WALL SCHEDULE -1500 psf - 6V:1H BATTER								
BEARING CAPACITY ON NATURAL SOIL OR COMPACTED AND TESTED FILLS								
WALL	BASE		BASE	BASE	BATTER	THICKNESS	DRAINAGE ZONE	BEARING
HEIGHT	WIDTH		DEPTH (TOE)	DEPTH (HEEL)		OF WALL	THICKNESS	CAPACITY
H	B	B1	C	C1	A	T	G	
1' - 0"	1' - 2"	0' - 2"	1' - 0"	0' - 3"	0' - 2"	1' - 0"	SEE B/RW1	
2' - 0"	1' - 8"	0' - 3"	1' - 6"	0' - 4"	0' - 4"	1' - 5"	SEE B/RW1	
3' - 0"	2' - 2"	0' - 4"	1' - 9"	0' - 5"	0' - 6"	1' - 10"	SEE B/RW1	
4' - 0"	2' - 8"	0' - 5"	2' - 0"	0' - 6"	0' - 8"	2' - 3"	SEE B/RW1	
5' - 0"	3' - 3"	0' - 6"	2' - 2"	0' - 7"	0' - 10"	2' - 9"	0' - 10"	
6' - 0"	3' - 9"	0' - 7"	2' - 4"	0' - 8"	1' - 0"	3' - 2"	0' - 10"	
7' - 0"	4' - 5"	0' - 10"	2' - 6"	0' - 9"	1' - 2"	3' - 7"	1' - 0"	1500 psf
8' - 0"	5' - 2"	1' - 2"	2' - 9"	0' - 11"	1' - 4"	4' - 0"	1' - 0"	
9' - 0"	6' - 0"	1' - 5"	3' - 0"	1' - 1"	1' - 6"	4' - 7"	1' - 0"	
10' - 0"	6' - 8"	1' - 8"	3' - 3"	1' - 2"	1' - 8"	5' - 0"	1' - 6"	
11' - 0"	7' - 5"	1' - 11"	3' - 6"	1' - 4"	1' - 10"	5' - 6"	1' - 8"	
12' - 0"	8' - 5"	2' - 5"	3' - 8"	1' - 6"	2' - 0"	6' - 0"	1' - 10"	
13' - 0"	9' - 2"	2' - 7"	3' - 10"	1' - 7"	2' - 2"	6' - 7"	2' - 0"	
WALL DESIGN CRITERIA								
BEARING	SLOPE TOP	SLOPE BOT	ACTIVE PRESSURE	PASSIVE PRESSURE	COEFFICIENT OF FRICTION	SURCHARGE	DRAINAGE AREAS	
Q _a	β	β ₁	Φ _a	Φ _p		q		
1500 psf	14.3 deg	14.3 deg	26 deg	26 deg	0.3	0 psf		

RW1/2 MASONRY WALL AT DRAINAGE AREAS

RW1/4 TYPICAL PLAN VIEW AT CORNER
SCALE: N.T.S.

RW1/5 TYPICAL PLAN VIEW AT BASE



RW1/6 TYPICAL SIDEYARD SWALE AT WALL

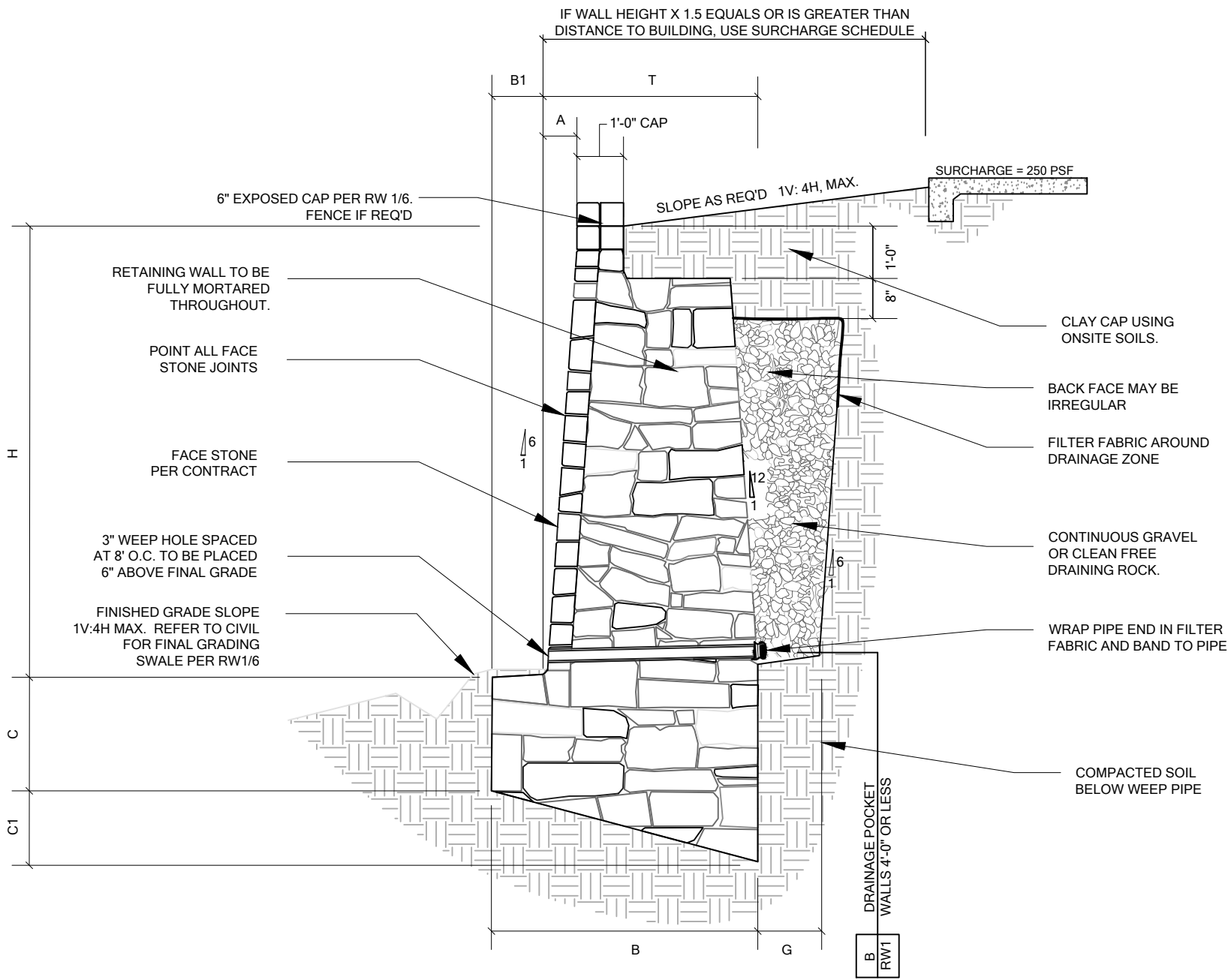
Minor variations in the construction of the retaining walls from these documents may be accepted at the discretion of the design engineer.

MASONRY RETAINING WALLS
ROCKWALL, TEXAS

A circular professional engineer seal for the State of Texas. The outer ring contains the text "STATE OF TEXAS" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars on each side. In the center is a five-pointed star. Below the star, the name "MICHAEL A. MARSHALL" is printed. Below the name, the license number "110099" is printed. Below the license number, the word "LICENSED" is printed. Below "LICENSED", the word "ENGINEER" is printed.

Project No.	RW051624-1
Date	05.16.2024
Last Revision	03.07.2025

RW1



RW2/1 MASONRY WALL SCHEDULE -1500 psf - 6V:1H BATTER - BUILDING SURCHARGE								
BEARING CAPACITY ON NATURAL SOIL OR COMPACTED AND TESTED FILLS								
WALL	BASE		BASE	BASE	BATTER	THICKNESS	DRAINAGE ZONE	BEARING
HEIGHT	WIDTH		DEPTH (TOE)	DEPTH (HEEL)		OF WALL	THICKNESS	CAPACITY
H	B	B1	C	C1	A	T	G	
1'- 0"	1'- 6"	0'- 2"	2'- 0"	0'- 3"	0'- 2"	1'- 4"	SEE B/RW1	1500 psf
2'- 0"	2'- 2"	0'- 4"	2'- 0"	0'- 5"	0'- 4"	1'- 10"	SEE B/RW1	
3'- 0"	2'- 9"	0'- 5"	2'- 0"	0'- 6"	0'- 6"	2'- 4"	SEE B/RW1	
4'- 0"	3'- 4"	0'- 6"	2'- 3"	0'- 7"	0'- 8"	2'- 10"	SEE B/RW1	
5'- 0"	3'- 11"	0'- 6"	2'- 6"	0'- 8"	0'- 10"	3'- 5"	0'- 10"	
6'- 0"	4'- 5"	0'- 8"	2'- 9"	0'- 9"	1'- 0"	3'- 9"	0'- 10"	
7'- 0"	5'- 3"	0'- 10"	3'- 0"	0'- 11"	1'- 2"	4'- 5"	1'- 0"	
8'- 0"	6'- 2"	1'- 2"	2'- 3"	1'- 1"	1'- 4"	5'- 0"	1'- 2"	
WALL DESIGN CRITERIA								
BEARING	SLOPE TOP	SLOPE BOT	ACTIVE PRESSURE	PASSIVE PRESSURE	COEFFICIENT OF FRICTION	SURCHARGE	BUILDING SURCHARGE	
Q _s	β	β ₁	Φ _a	Φ _p		q		
1500 psf	14.3 deg	14.3 deg	26 deg	26 deg	0.3	250 psf		

RW2/1 MASONRY WALL W/ BUILDING SURCHARGE
SCALE: N.T.S.

AS-BUILT

CHANGES REQUIRED YES NO X

Name (Print) Michael Marshall, P.E.

Signature [Signature]

Company (Print) DirtSavers, LLC.

Date 08.19.2025

DIRTSAVERS
PO BOX 566
ALED0, TX 76008
PH: 469.834.7446
F-14138

PEACHTREE MEADOWS PHASE 1

MASONRY RETAINING WALLS
ROCKWALL, TEXAS

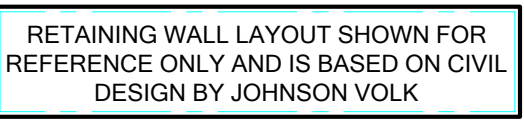
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No.	Date	Item
REVISIONS		
DB: MAM	CHKD: MAM	APPD: MAM

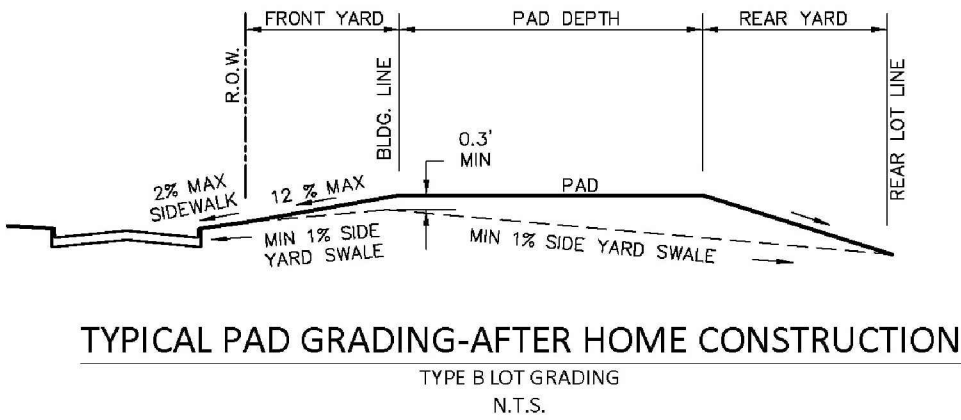
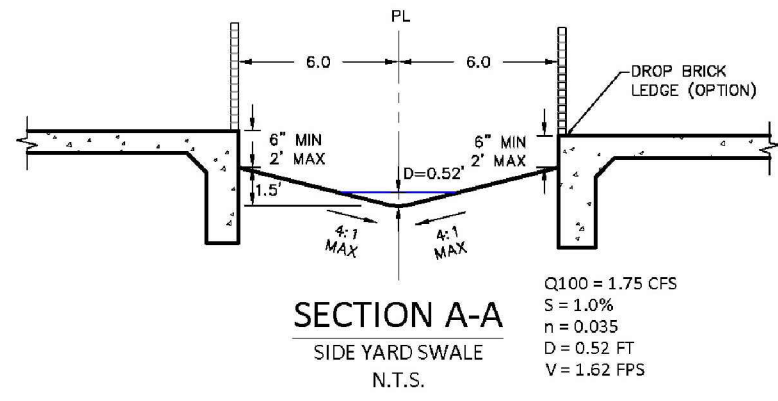
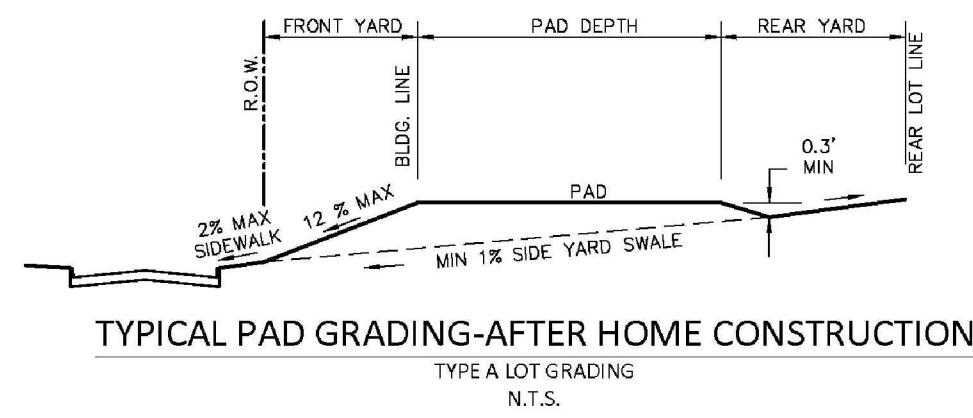


RETAINING WALL
DETAILS AND NOTES

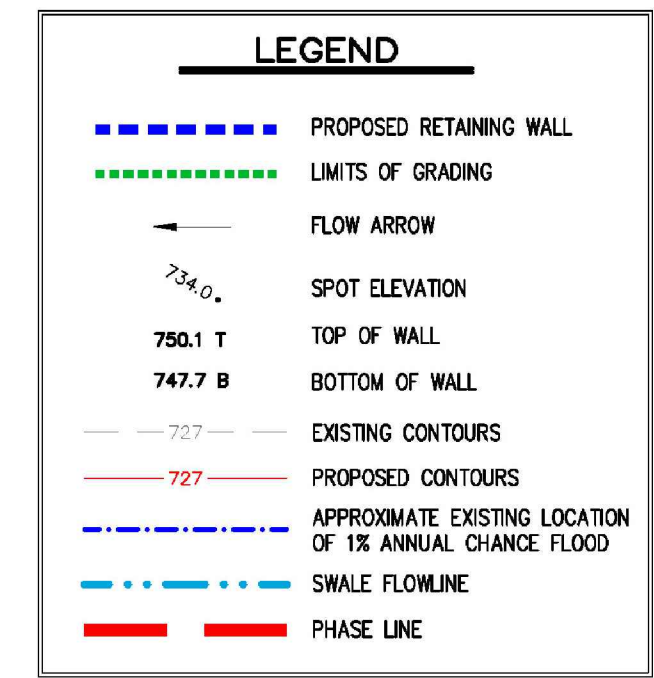
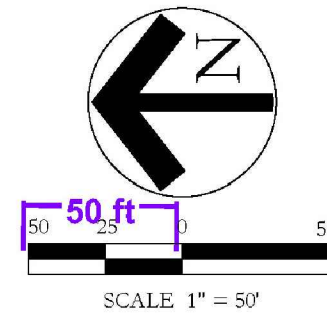
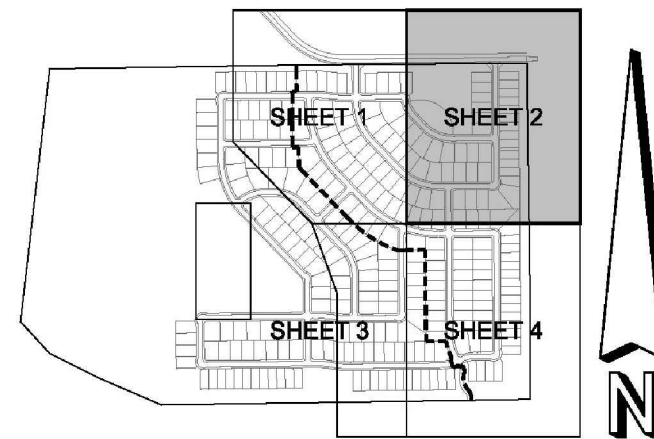
Project No.	RW051624-1
Date	05.16.2024
Last Revision	03.07.2025

RW2

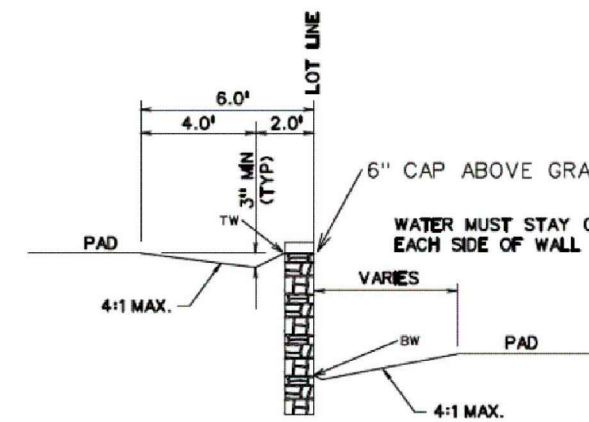




ROCKWALL 205 BUSINESS PARK
CABINET C, PAGE 7
P.R.R.C.T.



RETAINING WALLS ALONG FLOODPLAIN MUST BE DESIGNED FOR INUNDATION AND EROSION.



TYPICAL SIDEYARD RETAINING WALL
N.T.S.

- NOTES:
- ADJUST OR REPLACE EXISTING FLOOD GATE IF NECESSARY FOR NEW ROAD.
 - ADJUST OR REPLACE EXISTING STREET SIGNS IF NEEDED ON MIMS ROAD.

"ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN."

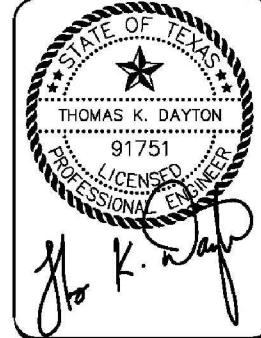
CAUTION!!!
EXISTING UTILITIES
THE UTILITIES SHOWN ON THESE PLANS WERE COMPILED FROM VARIOUS SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF UTILITIES IN THE AREA OF CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITY INFORMATION SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT UTILITY COMPANIES 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES IN ORDER TO DETERMINE IF THERE ARE ANY CONFLICTS WITH THE PROPOSED FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS WITH EXISTING UTILITIES ARE DISCOVERED.

2nd Look
2/23/24
Tim B.



PEACHTREE MEADOWS - PHASE 1
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

GRADING PLAN - SHEET 2 OF 4



SCALE:
1" = 40' (H)
1" = 4' (V)
One Inch
JVC No 501A

24

RETAINING WALL LAYOUT SHOWN FOR REFERENCE ONLY AND IS BASED ON CIVIL DESIGN BY JOHNSON VOLK

AS-BUILT
CHANGES REQUIRED YES NO X
Name (Print) Michael Marshall, P.E.
Signature
Company (Print) Dirtsavers, LLC.
Date 08.19.2025

RW4/1 MASONRY WALL SITE PLAN
SCALE: NTS

DIRTSAVERS
PO BOX 566
ALEDO, TX 76008
PH: 469.834.7446
F: 14138

PEACHTREE MEADOWS PHASE 1
MASONRY RETAINING WALLS
ROCKWALL, TEXAS

No.	Date	Item
DB: MAM	CHKD: MAM	APPD: MAM
REVISIONS		

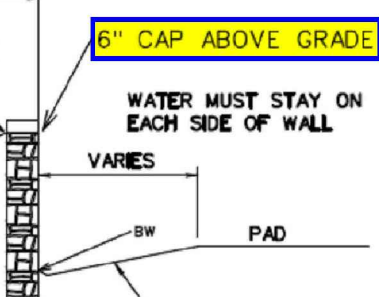


RETAINING WALL
DETAILS AND NOTES

Project No. RW051624-1
Date 05.16.2024
Last Revision 03.07.2025

RW4

- RETAINING WALLS OR CONCRETE SLOPE PROTECTION SHALL BE INSTALLED WHERE LOT SLOPE IS GREATER THAN 4:1.
- NO RAILROAD THE RETAINING WALLS SHALL BE CONSTRUCTED IN PUBLIC OR PRIVATE PROPERTY.
- NO RETAINING WALLS INCLUDING THE FOOTING SHALL BE PLACED IN THE RIGHT-OF-WAY, EASEMENTS OR OVERLAPPING PROPERTY LINES.
- ALL RETAINING WALLS SHALL BE STONE, MASONRY OR REINFORCED CONCRETE WITH A STONE FACE OR FORM LINER. NO SMOOTH CONCRETE RETAINING WALLS TO BE INSTALLED.
- RETAINING WALLS THREE FEET (3') AND HIGHER SHALL BE DESIGNED AND INSPECTED BY A PROFESSIONAL LICENSED ENGINEER IN THE STATE OF TEXAS. PROPERTY LINES AND RIGHT-OF-WAYS SHALL BE NOTED ON THE WALL PLANS. THE CITY REQUIRES A VERIFICATION LETTER (SIGNED/SEALED) FROM THE DESIGN ENGINEER STATING THAT THE RETAINING WALLS INSTALLED WITH THE SITE/SUBDIVISION WERE INSPECTED BY THE ENGINEER OR THEIR DESIGNATED REPRESENTATIVE AND THAT THE WALLS WERE INSTALLED TO THE ENGINEERED DESIGN AND GENERAL CONSTRUCTION STANDARDS. THE VERIFICATION LETTER SHALL BE DELIVERED TO THE ENGINEERING DEPARTMENT PRIOR TO THE PROJECT ACCEPTANCE BY THE CITY.
- RETAINING WALLS OVER 30" IN HEIGHT THAT HAVE SIDEWALK, TRAIL OR OTHER WALKING SURFACE ON THE TOP SIDE OF THE WALL WILL REQUIRE RAILING.
- TRAFFIC RATED GUARD RAIL OR BARRIER WILL BE REQUIRED WHEN RAILROAD, PARKING LOT OR ALLEY IS WITHIN 10 FEET OF A RETAINING WALL THAT IS OVER 30" IN HEIGHT.
- ALL RETAINING WALLS SHALL BE PLACED ACCORDING TO OFFSET HUB-SET BY CERTIFIED PROFESSIONAL SURVEYOR. NOTING EASEMENTS, WALL ELEVATIONS AND STOP POINTS FOR EACH WALL END, WALL LOCATIONS AND ELEVATIONS SHALL MATCH THOSE SHOWN ON THE APPROVED SITE GRADING PLANS.
- RETAINING WALLS SHALL BE CONSTRUCTED ON THE HIGH SIDE OF THE LOT UNLESS SHOWN OTHERWISE ON THE PLANS.
- WALL CONTRACTOR SHALL TAPER ALL WALL ENDS TO 12" HEIGHT OR LESS.
- FRONT YARD RETAINING WALLS AND FRONT YARD RAMPS SHALL BE CONSTRUCTED AFTER FRANCHISE UTILITY INSTALLATION.



CITY OF ROCKWALL MONUMENT NO. COR-10:
BRASS DISK STAMPED "CITY OF ROCKWALL SURVEY MONUMENT" ON THE
SOUTHWEST SIDE OF LAGUNA DRIVE AT THE SOUTHEAST CORNER OF A CURB
CUTLIP AVENUE, 125' SOUTHEAST OF THE INTERSECTION OF VILLAGE
LANE AND LAGUNA DRIVE.
ELEVATION = PLAN 521.61' FIELD 521.57'

CITY OF ROCKWALL MONUMENT NO. COR-11:
BRASS DISK STAMPED "CITY OF ROCKWALL SURVEY MONUMENT" ON THE
NORTHEAST SIDE OF MIMS ROAD AT THE SOUTHERLY END OF A CONCRETE
HEADWALL AT THE INTERSECTION OF THE NORTHEASTLINE OF MIMS ROAD
WITH THE SOUTHWEST LINE OF I-30.
ELEVATION = PLAN 565.98' FIELD 566.02'

2nd Look
2/23/24
Tim B.

THE UTILITIES SHOWN ON THESE PLANS WERE COMPILED FROM VARIOUS SOURCES. THEY ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF UTILITIES IN THE AREA OF CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITY INFORMATION SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT UTILITY COMPANIES 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES IN ORDER TO DETERMINE IF THERE ARE ANY CONFLICTS WITH THE PROPOSED FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS WITH EXISTING UTILITIES ARE DISCOVERED.

SCALE:
1" = 40' (H)
1" = 4' (V)
One Inch
JVC No 501A

25

RETAINING WALL LAYOUT SHOWN FOR
REFERENCE ONLY AND IS BASED ON CIVIL
DESIGN BY JOHNSON VOLK

CHANGES REQUIRED YES _____ NO X
Name (Print) Michael Marshall, P.E.
Signature 
Company (Print) DirtSavers, LLC.
Date 08.19.2025

 USE SCHEDULE RW1/1 - TYPICAL 6V:1H BATTERY
 USE SCHEDULE RW1/2 - WALL AT PERIMETER / 1
 USE SCHEDULE RW2/1 - WALL W/ SURCHARGE

MASONRY WALL SITE PLAN

SCALE: NTS

PO BOX 566
ALEDO, TX 76008
PH: 469.834.7446
F-14138

MASONRY RETAINING WALLS

ROCKWALL, TEXAS

	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
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	_____	_____
No. _____	Date _____	Item _____
REVISIONS		
DB: MAM	CHKD: MAM	APPD: MAM



RETAINING WALL DETAILS AND NOTES

Project No.	RW051624-1
Date	05.16.2024
Last Revision	03.07.2025

RW5

RETAINING WALL DETAIL SHOWN FOR
REFERENCE ONLY AND IS BASED ON CIVIL
DESIGN BY JOHNSON VOLK