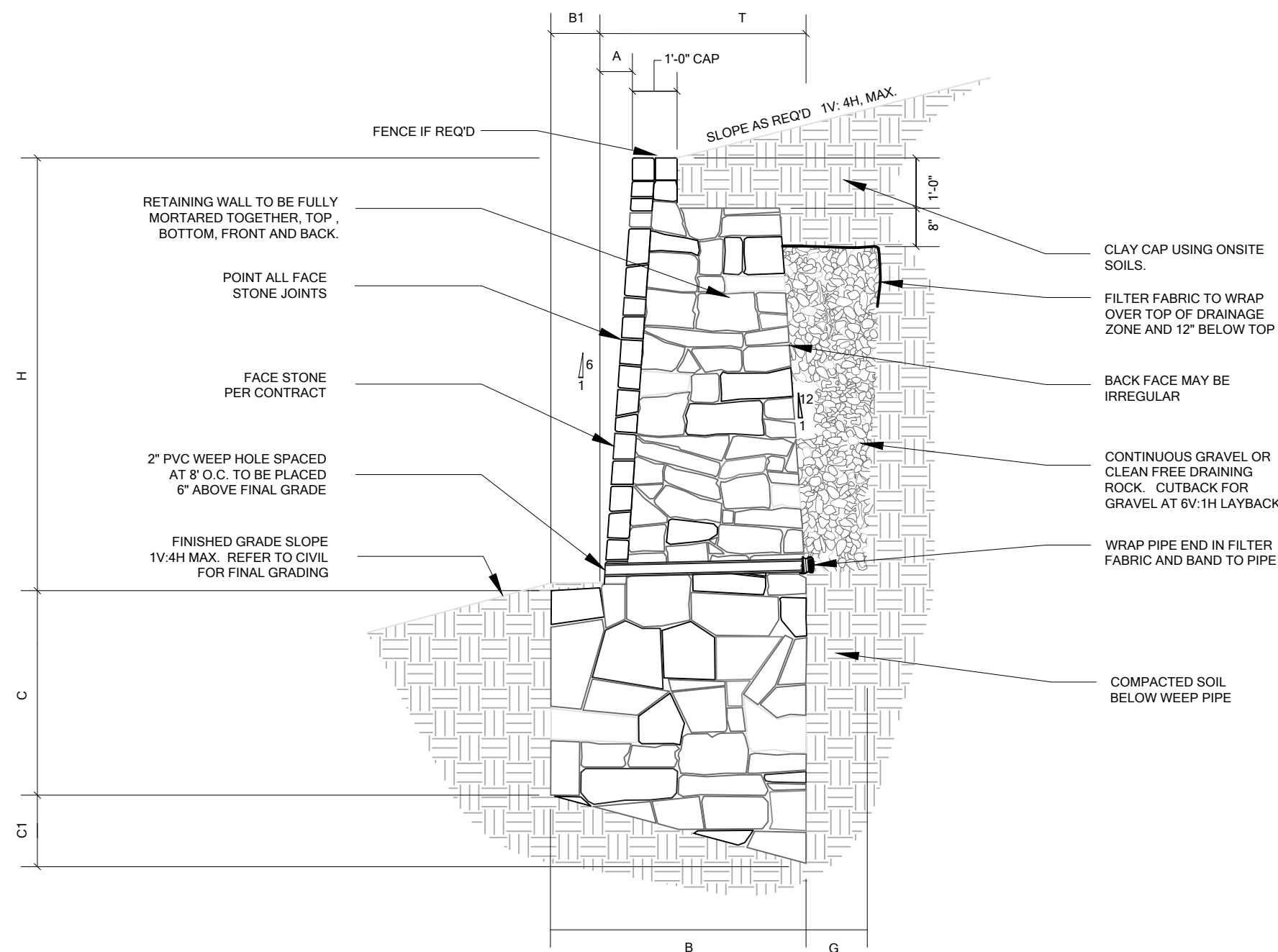
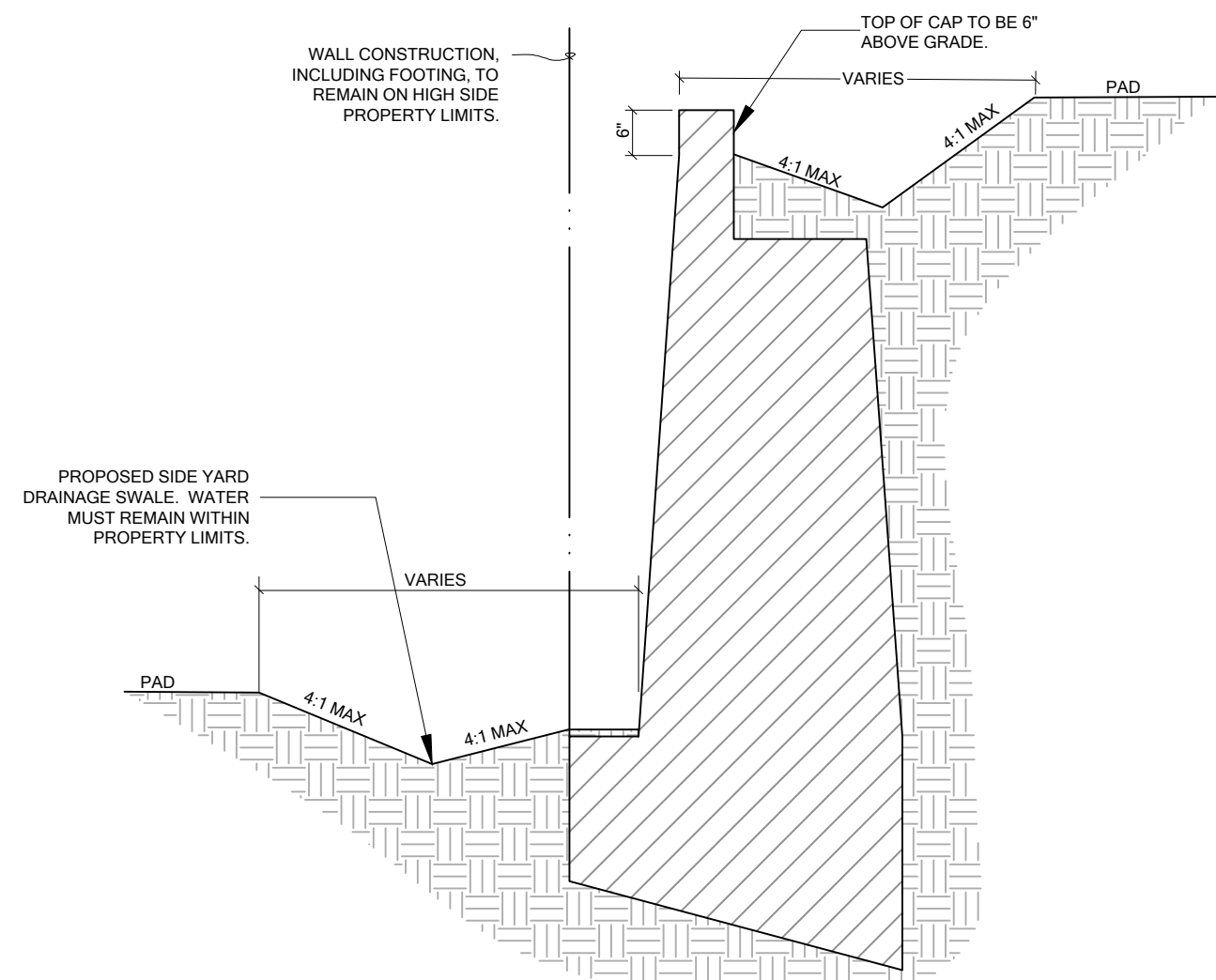
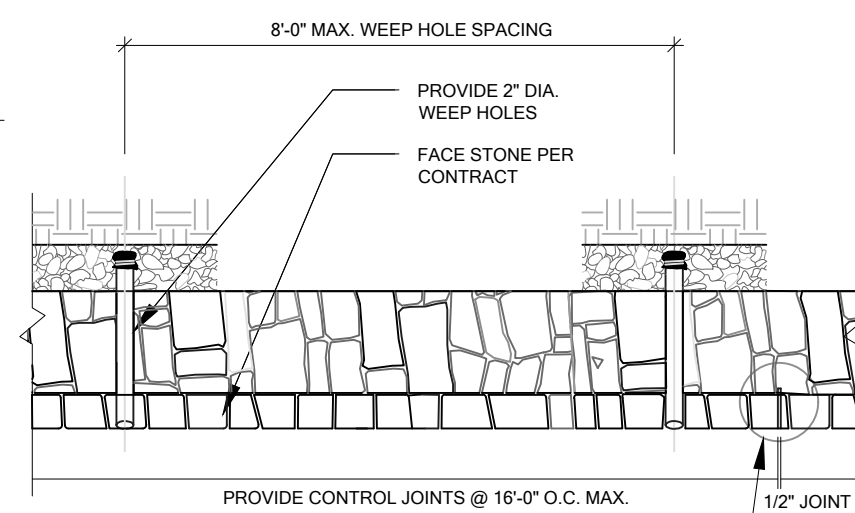
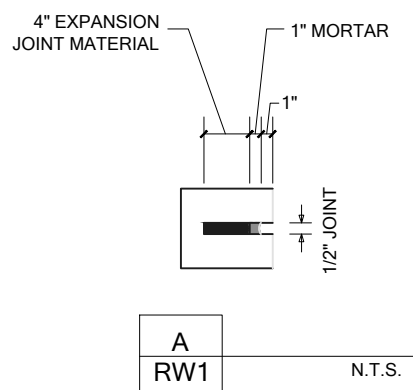
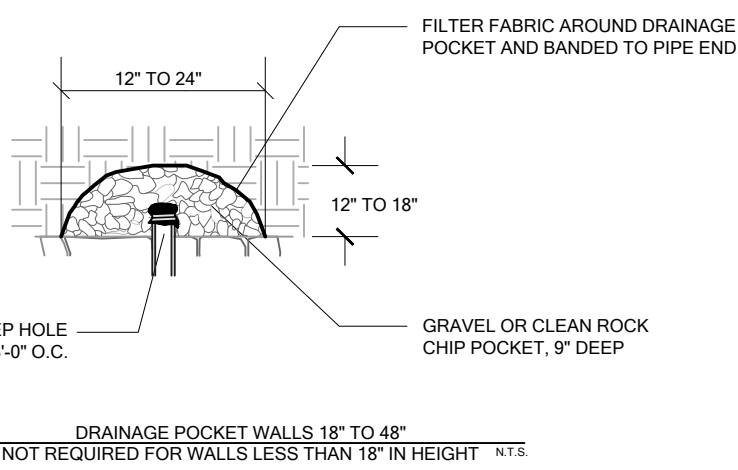




RW1/1 MASONRY WALL SCHEDULE -1500 psf - 6V:1H BATTER								
BEARING CAPACITY ON NATURAL SOIL OR COMPACTED AND TESTED FILLS								
WALL	BASE		BASE	BASE	BATTER	THICKNESS	DRAINAGE ZONE	BEARING
HEIGHT	WIDTH		DEPTH (TOE)	DEPTH (HEEL)		OF WALL	THICKNESS	CAPACITY
H	B	B1	C	C1	A	T	G	
1'-0"	1'-2"	0'-2"	1'-9"	0'-3"	0'-2"	1'-0"	SEE B/RW1	1500 psf
2'-0"	1'-8"	0'-3"	1'-10"	0'-4"	0'-4"	1'-5"	SEE B/RW1	
3'-0"	2'-2"	0'-4"	1'-11"	0'-5"	0'-6"	1'-10"	SEE B/RW1	
4'-0"	2'-9"	0'-6"	2'-0"	0'-6"	0'-8"	2'-3"	SEE B/RW1	
5'-0"	3'-6"	0'-9"	2'-2"	0'-7"	0'-10"	2'-9"	0'-10"	
6'-0"	4'-3"	1'-0"	2'-4"	0'-9"	1'-0"	3'-3"	0'-10"	
7'-0"	5'-3"	1'-3"	2'-6"	0'-11"	1'-0"	4'-0"	1'-0"	
WALL DESIGN CRITERIA								
BEARING	SLOPE TOP	SLOPE BOT	ACTIVE PRESSURE	PASSIVE PRESSURE	COEFFICIENT OF FRICTION	SURCHARGE	DRAINAGE AREAS	
Q _o	β	β ₁	Φ _a	Φ _p		q		
1500 psf	14.3 deg	14.3 deg	30 deg	30 deg	0.25	0 psf		

RW1/2 MASONRY WALL AT DRAINAGE AREAS



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

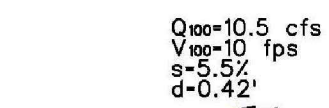
CHANGES REQUIRED YES _____ NO X
Name (Print) Michael Marshall, P.E.
Signature 
Company (Print) DirtSavers, LLC.
Date 07.31.2024

RW1/6 TYPICAL SIDEYARD SWALE AT WALL

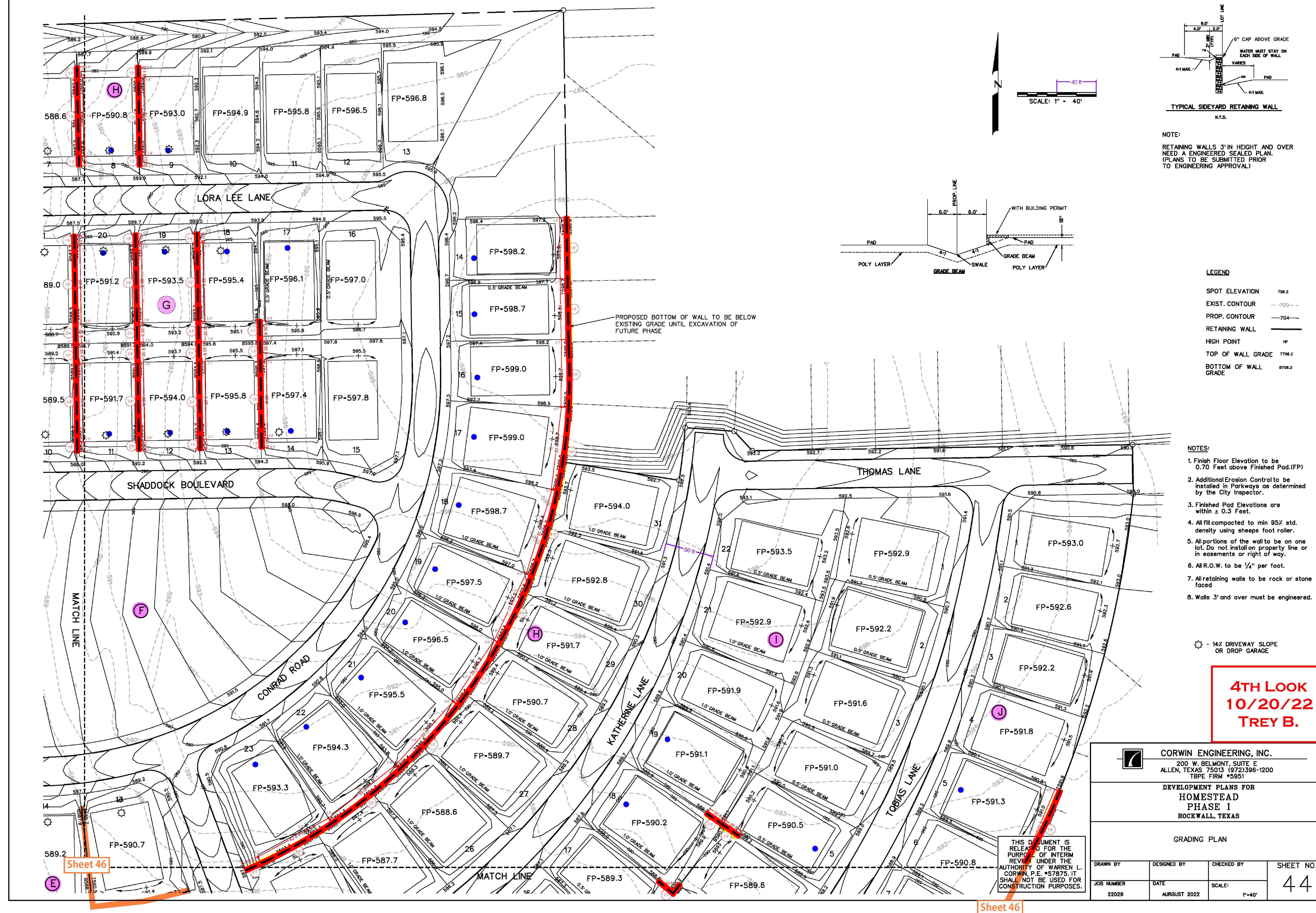
ROCKWALL, TEXAS

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. The seal is stamped over a document that includes a signature and the date "08-02-2011".

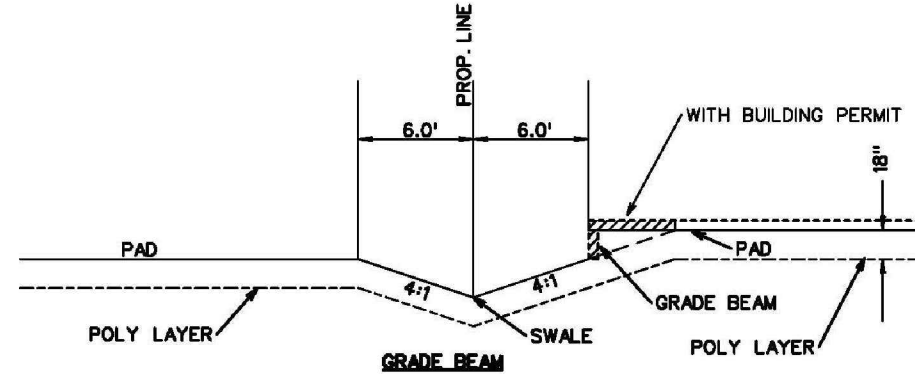
RW1



RW2



NOTE:
RETAINING WALLS 3' IN HEIGHT AND OVER
NEED A ENGINEER SEALED PLAN.
(PLANS TO BE SUBMITTED PRIOR
TO ENGINEERING APPROVAL)



LEGEND

SPOT ELEVATION	708.2
EXIST. CONTOUR	-700-
PROP. CONTOUR	-704-
RETAINING WALL	
HIGH POINT	HP
TOP OF WALL GRADE	7708.2
BOTTOM OF WALL GRADE	8706.2

NOTES:

1. Finish Floor Elevation to be 0.70 Feet above Finished Pad.(FP)
2. Additional Erosion Control to be installed in Parkways as determined by the City Inspector.
3. Finished Pad Elevations are within ± 0.3 Feet.
4. All fill compacted to min 95% std. density using sheeps foot roller.
5. All portions of the wall to be on one lot. Do not install on property line or in easements or right of way.
6. All R.O.W. to be $1/4"$ per foot.
7. All retaining walls to be rock or stone faced
8. Walls 3' and over must be engineered.

☼ - 14% DRIVEWAY SLOPE
OR DROP GARAGE

4TH LOOK
10/20/22
TREY B.

		CORWIN ENGINEERING, INC. 200 W. BELMONT, SUITE E ALLEN, TEXAS 75013 (972)396-1200 TBPFE FIRM #5951	
		DEVELOPMENT PLANS FOR HOMESTEAD PHASE I ROCKWALL, TEXAS	
GRADING PLAN			
DRAWN BY JOB NUMBER 22029	DESIGNED BY DATE AUGUST 2022	CHECKED BY SCALE: 1"=40'	SHEET NO 44

THIS DOCUMENT IS
RELEASED FOR THE
PURPOSE OF INTERIM
REVIEW UNDER THE
AUTHORITY OF WARREN
CORWIN, P.E. #57875. IT
SHALL NOT BE USED FOR
CONSTRUCTION PURPOSES.

Sheet 46

AS-BUILT	
CHANGES REQUIRED	YES _____ NO <u>X</u>
Name (Print)	<u>Michael Marshall, P.E.</u>
Signature	<u></u>
Company (Print)	<u>DirtSavers, LLC.</u>
Date	<u>07.31.2024</u>

RW3/1

MASONRY WALL SITE PLAN

SCALE: NT

RETAINING WALL LAYOUT SHOWN FOR
REFERENCE ONLY AND IS BASED ON CIVIL
DESIGN BY CORWIN ENGINEERING, INC.

DIRTSAVERS

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

HOMESTEAD PHASE 1

MASONRY RETAINING WALLS

ROCKWALL, TEXAS

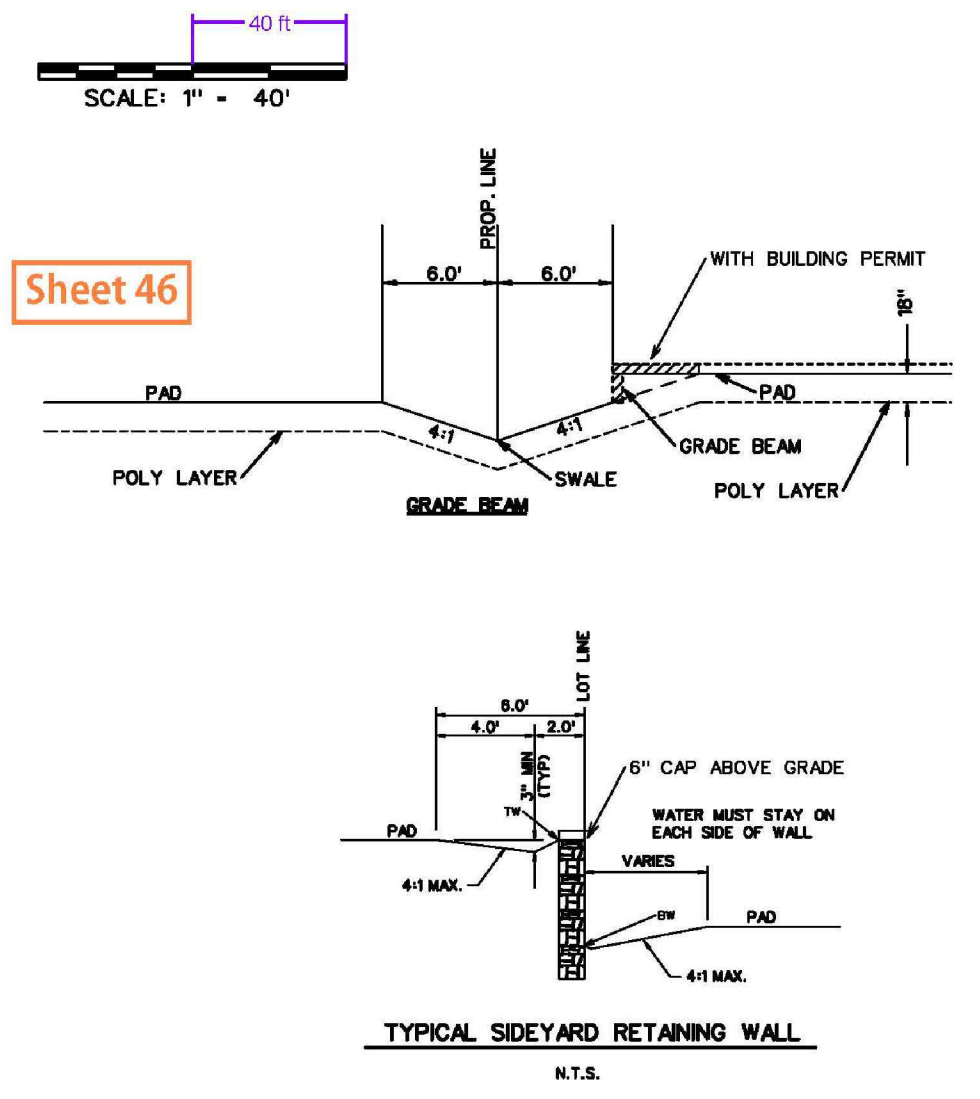
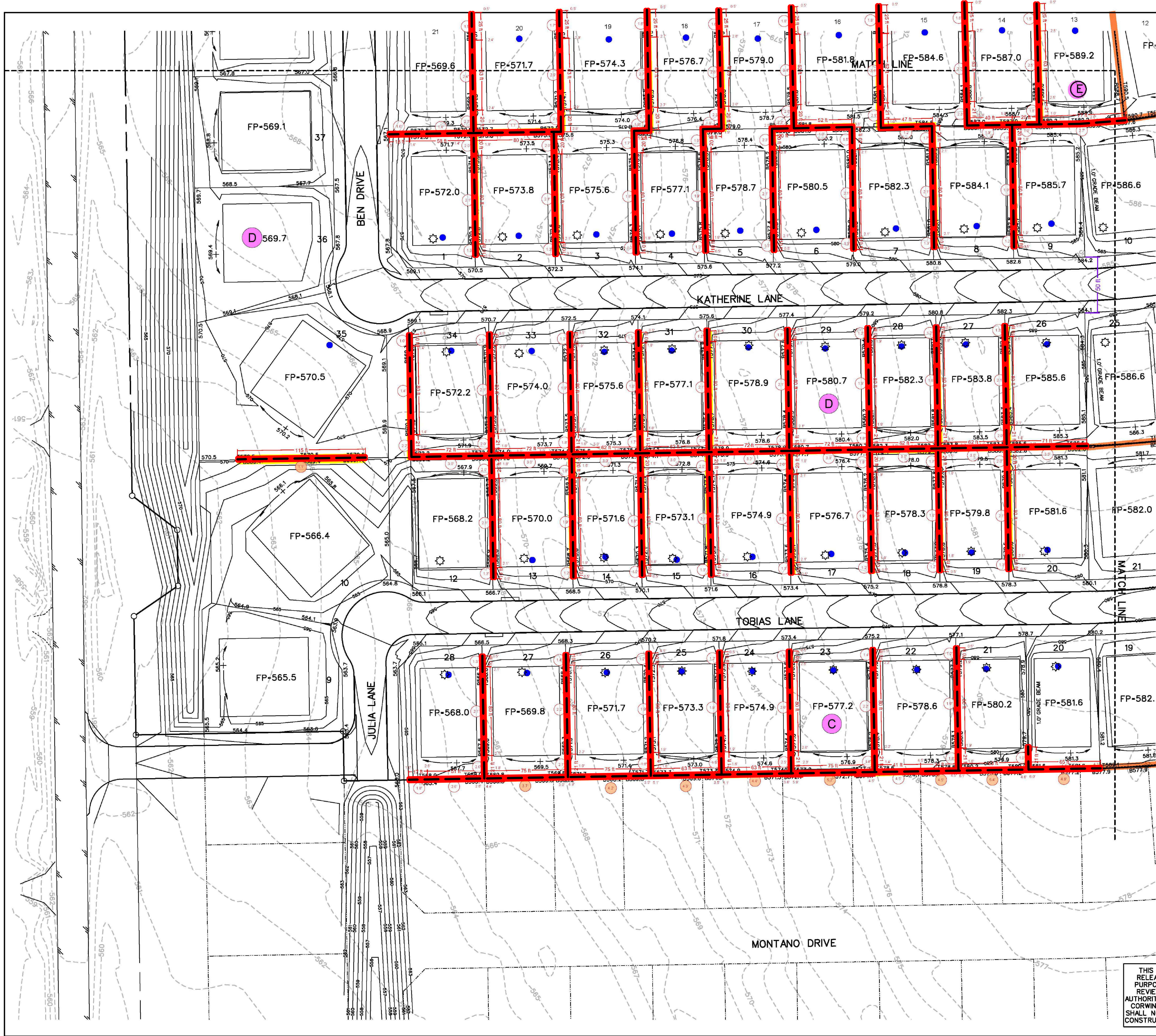
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
	_____	_____
No. Date	Item	
REVISIONS		
DB: MAM	CHKD: MAM	APPD: MAM



RETAINING WALL DETAILS AND NOTES

Project No.	RW032023-3
Date	03.20.2023
Last Revision	08.02.2023

RW3



NOTE:
RETAINING WALLS 3' IN HEIGHT AND OVER
NEED AN ENGINEER SEALED PLAN.
(PLANS TO BE SUBMITTED PRIOR
TO ENGINEERING APPROVAL.)

14% DRIVEWAY SLOPE
OR DROP GARAGE

LEGEND

SPOT ELEVATION	706.2
EXIST. CONTOUR	-700-
PROP. CONTOUR	-704-
RETAINING WALL	---
HIGH POINT	HP
TOP OF WALL GRADE	7706.2
BOTTOM OF WALL GRADE	8706.2

- NOTES:
1. Finish Floor Elevation to be 0.70 Feet above Finished Pad.(FP)
 2. Additional Erosion Control to be installed in Parkways as determined by the City Inspector.
 3. Finished Pad Elevations are within ± 0.3 Feet.
 4. All fill compacted to min 95% std. density using sheeps foot roller.
 5. All portions of the wall lot. Do not install on easements or right of way.
 6. All R.O.W. to be 1/4" face
 7. All retaining walls to be faced
 8. Walls 3' and over must be faced

4TH LOOK
10/20/22
TREY B.

CORWIN ENGINEERING, INC. 200 W. BELMONT, SUITE E ALLEN, TEXAS 75013 (972)396-1200 TPE FIRM #5951			
DEVELOPMENT PLANS FOR HOMESTEAD PHASE I ROCKWALL, TEXAS			
GRADING PLAN			
DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JOB NUMBER	DATE	SCALE	45
22029	AUGUST 2022	1"=40'	

THIS DOCUMENT IS
RELEASED FOR THE
PURPOSE OF INTERIM
REVIEW UNDER THE
AUTHORITY OF WARREN L.
CORWIN, P.E. #57875. IT
SHALL NOT BE USED FOR
CONSTRUCTION PURPOSES.

AS-BUILT	
CHANGES REQUIRED	YES NO X
Name (Print)	Michael Marshall, P.E.
Signature	
Company (Print)	DirtSavers, LLC.
Date	07.31.2024

RW4/1 MASONRY WALL SITE PLAN
SCALE: NTS

USE SCHEDULE RW1/1 - TYPICAL 6V-1H BATTER
USE SCHEDULE RW1/2 - WALL AT DRAINAGE AREAS

RETAINING WALL LAYOUT SHOWN FOR
REFERENCE ONLY AND IS BASED ON CIVIL
DESIGN BY CORWIN ENGINEERING, INC.

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

HOMESTEAD PHASE 1
MASONRY RETAINING WALLS
ROCKWALL, TEXAS

Project No. RW032023-3
Date 03.20.2023
Last Revision 08.02.2023

RETAINING WALL
DETAILS AND NOTES

RW4

STATE OF TEXAS
MICHAEL A. MARSHALL
110099
LICENSED PROFESSIONAL ENGINEER
08.02.2023

