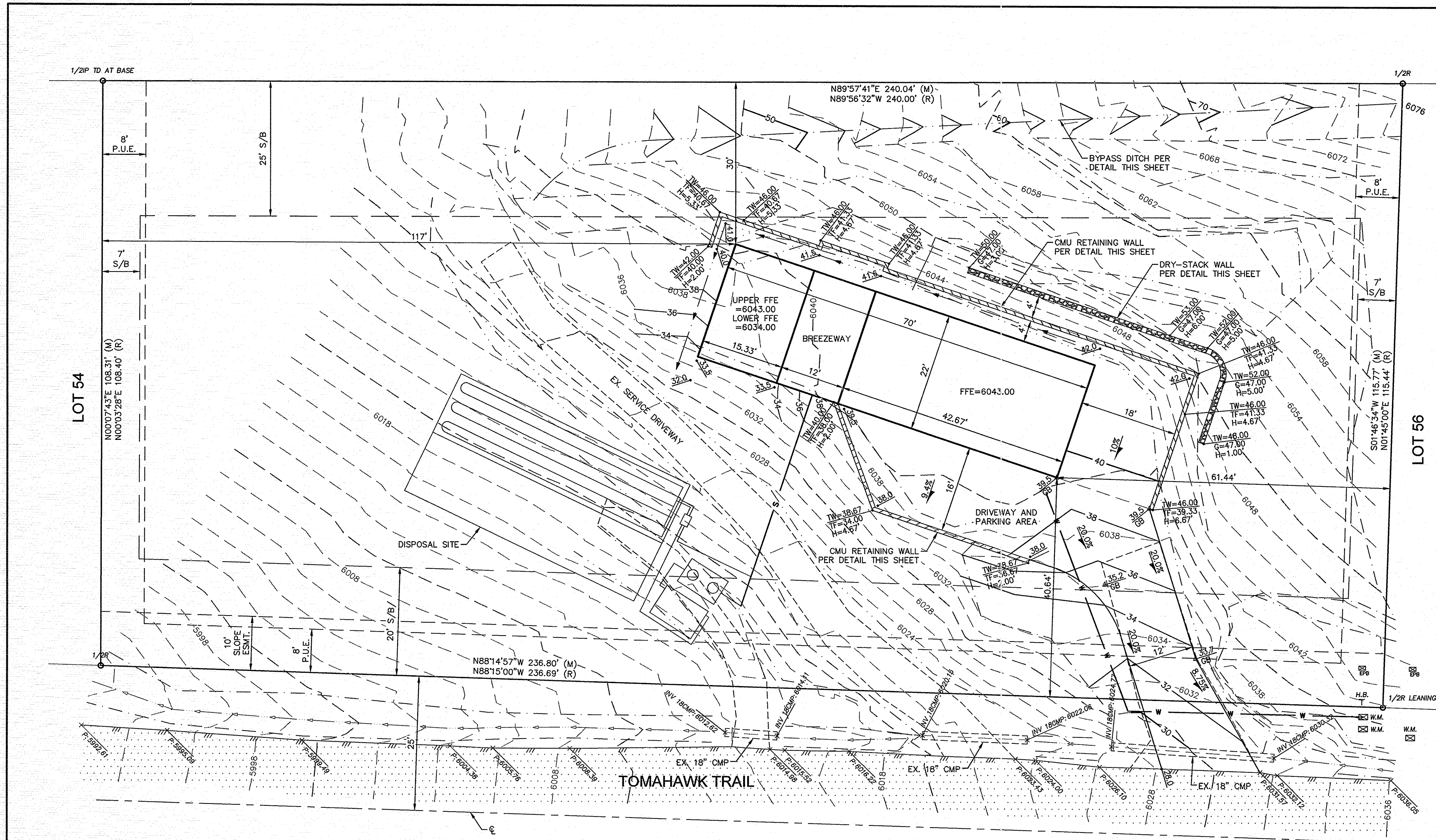


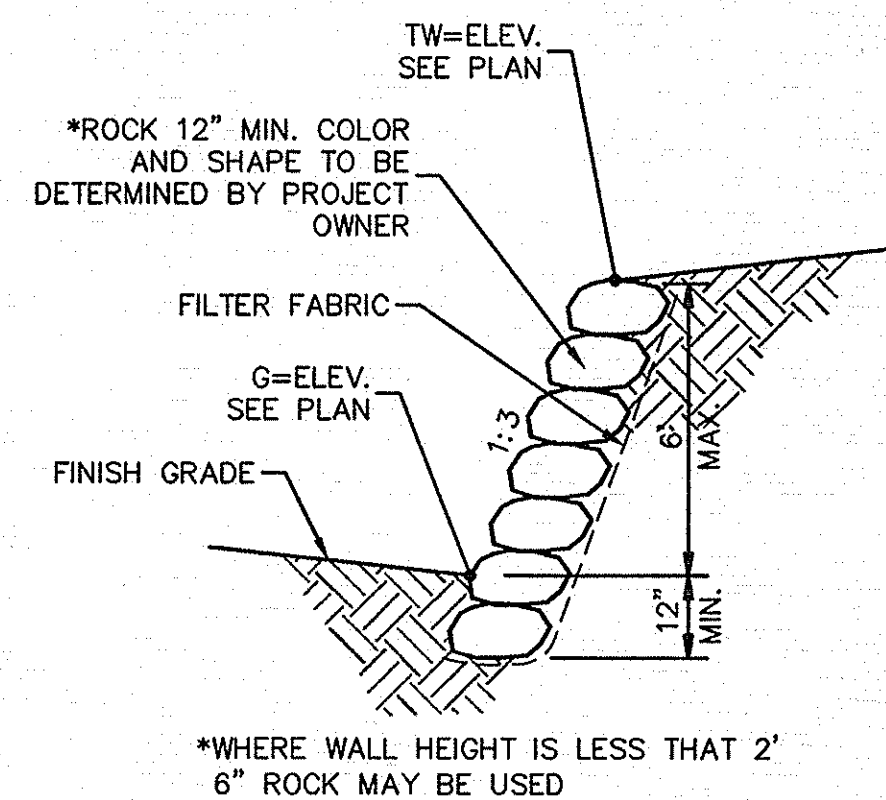
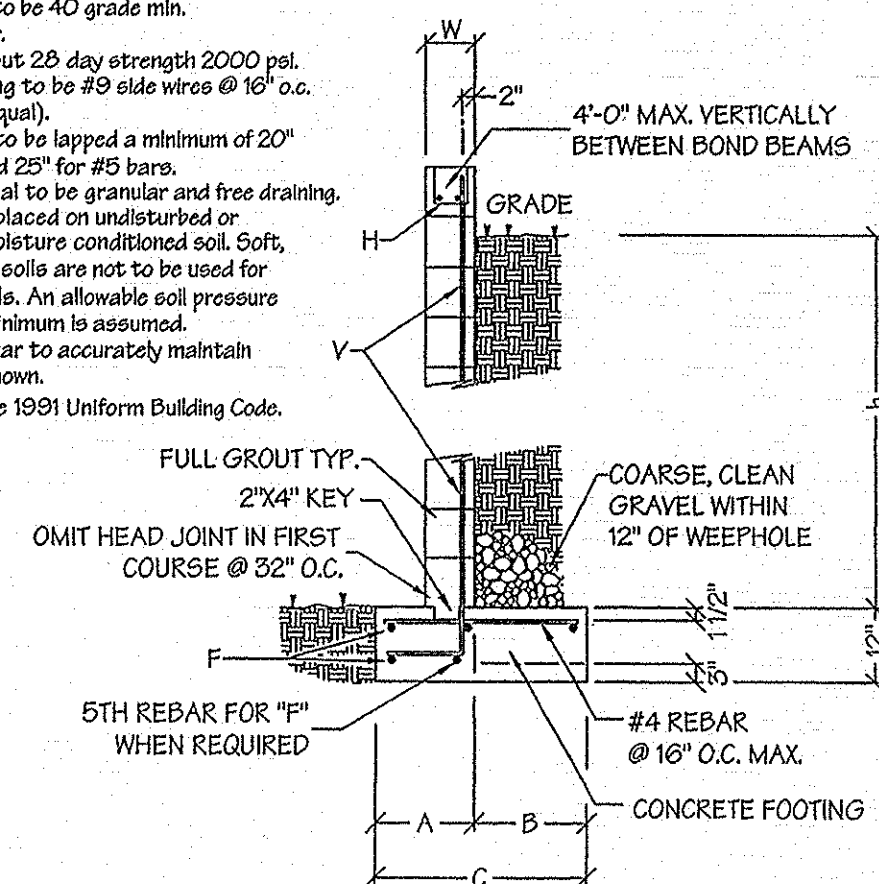


CONCRETE MASONRY UNIT RETAINING WALL DESIGN

h	A	B	C	W	V	H	F
4'	1'-4"	1'-0"	2'-4"	8"	#5 @ 32" O.C.	(2) #4	(4) #4
5'	1'-4"	1'-6"	2'-10"	8"	#5 @ 32" O.C.	(2) #4	(4) #4
6'	1'-7"	2'-2"	3'-8"	12"	#5 @ 24" O.C.	(2) #5	(5) #4
7'	1'-10"	2'-6"	4'-4"	12"	#5 @ 24" O.C.	(2) #5	(5) #4
8'	2'-1"	2'-10"	4'-11"	12"	#5 @ 16" O.C.	(2) #5	(5) #4

NOTES

- 28 day concrete strength 2500 p.s.i. min.
- All reinforcing to be 40 grade min.
- Class B mortar.
- Use coarse grout 28 day strength 2000 psi.
- Joint reinforcing to be #3 side wires @ 16" o.c. (Duro-Wal or equal).
- Rebar splices to be lapped a minimum of 20" for #4 bars and 25" for #5 bars.
- Backfill material to be granular and free draining.
- Footings to be placed on undisturbed or compacted, moisture conditioned soil. Soft, swampy or wet soils are not to be used for foundation soils. An allowable soil pressure of 1500 psf minimum is assumed.
- The vertical rebar to accurately maintain the position shown.
- Conform to the 1991 Uniform Building Code.

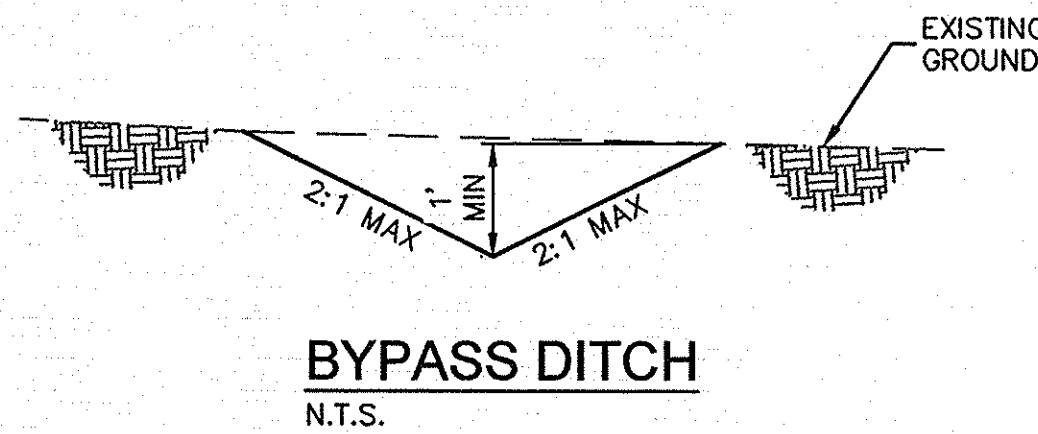


DRY-STACK WALL DETAIL

N.T.S.

LEGEND

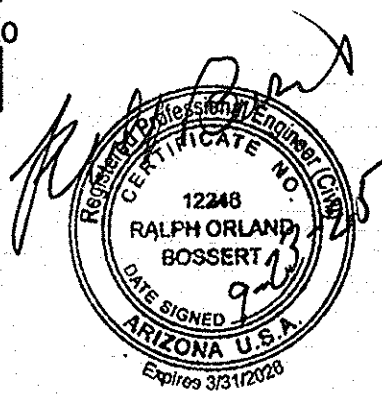
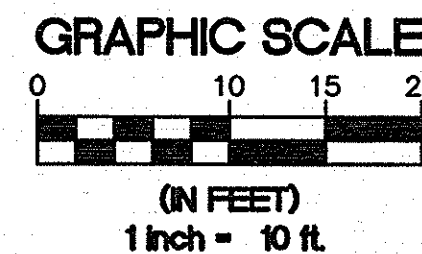
- FOUND MONUMENT AS NOTED
- BOUNDARY LINE
- SETBACK (S/B) LINE
- EASEMENT LINE
- EXISTING TOP OF SLOPE
- EXISTING TOE OF SLOPE
- EXISTING DIRT ROAD
- EXISTING A.C. PAVEMENT
- EXISTING GROUND CONTOUR
- W.M.
- EPB
- 2" CONDUIT
- H.B.
- (M)
- (R)
- WATER METER BOX
- ELECTRIC PULL BOX
- CONDUIT STUB
- HOSE BIB
- MEASURED PER THIS SURVEY
- RECORD PER MAP NO. 572 G.C.R.



APPROXIMATE
EARTHWORK QUANTITIES
(OUTSIDE BUILDING)
CUT = 100 CY
FILL = 30 CY

OWNER
MICHAEL AND EDWINA STARKE
P.O. BOX 73319
PHOENIX, AZ 85050

- NOTES
- ZONING R1-D12
 - APN 301-59-055
 - LOT AREA 0.61 ACRES



NO.	REVISIONS	DATE	BY	CHK.

Ralph Bossert P.E. R.L.S.
1109 North McLane Road
Payson, Arizona 85541
(928) 978-4345

STRAWBERRY CREEK FOOTHILLS
STRAWBERRY, ARIZONA

JOB NO.	
DESIGNED BY:	KWD
DRAWN BY:	KWD
CHECKED BY:	ROB
APPROVED BY:	ROB
DATE:	09/23/2025

LOT 55
9658 TOMAHAWK TRAIL
SITE, GRADING, AND DRAINAGE PLAN

SCALE: HORIZ: 1"= 10'	
CONT. INTERVAL = 2'	
DRAWING NO.	SP1
SHEET NO.	1
OF:	1