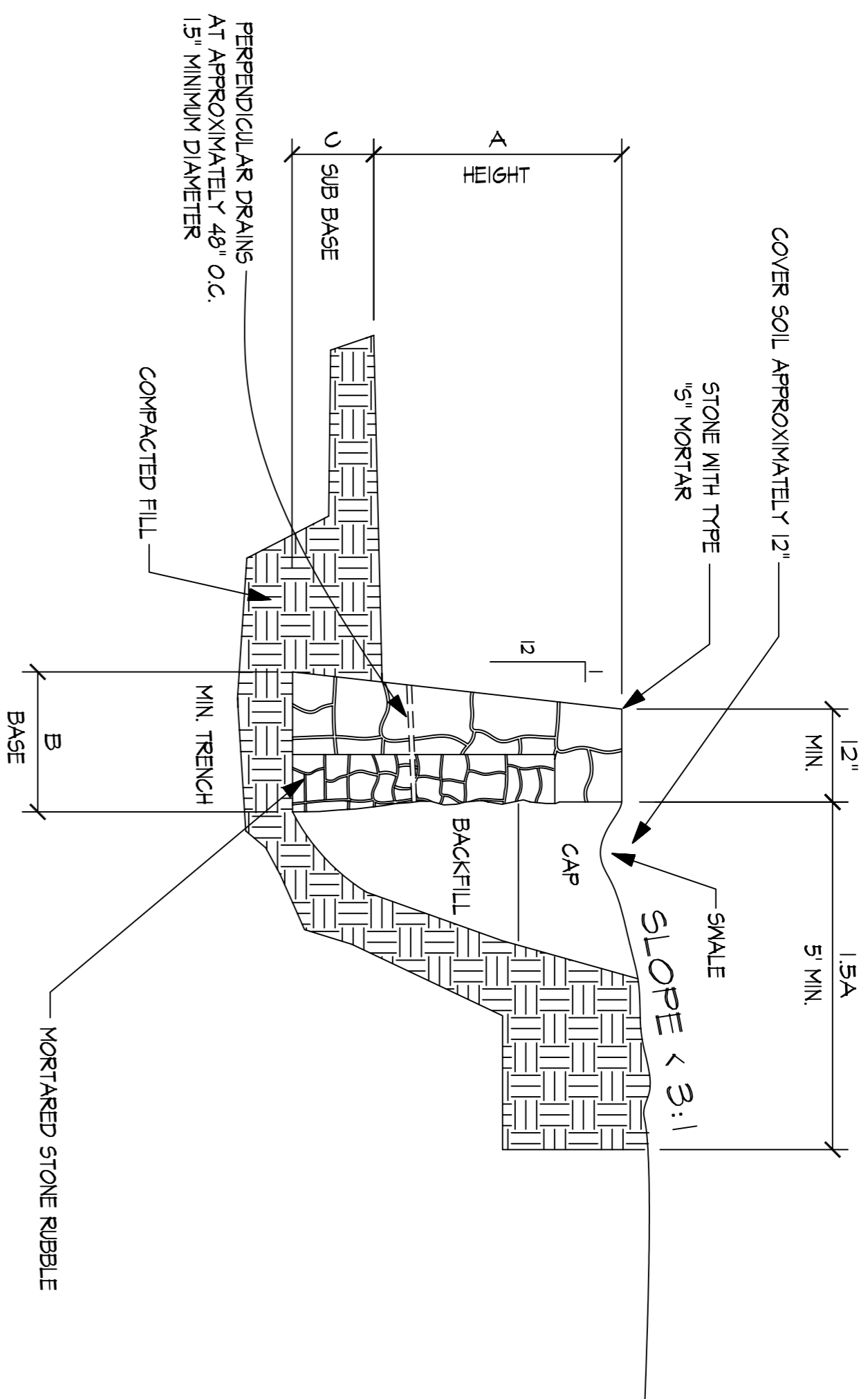


INSPECTION OF RETAINING WALL TO OCCUR FOLLOWING CONSTRUCTION OF WALL, PLACEMENT OF FILTER FABRIC, AND PLACEMENT OF DRAINPIPE BUT BEFORE PLACEMENT OF GRAVEL.



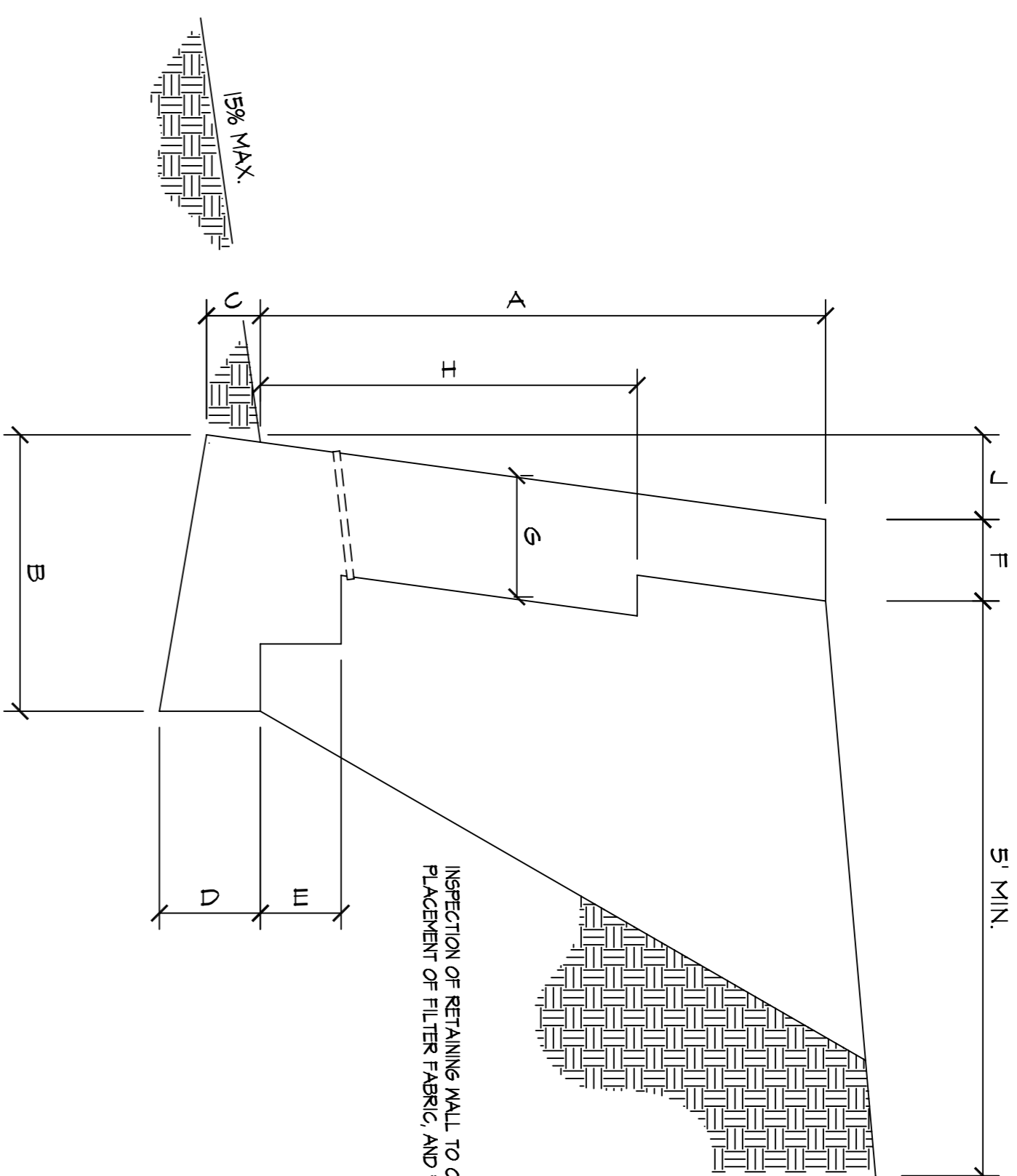
SPECIFICATION TABLE - NO SURCHARGE CONSIDERATION

HEIGHT (A)	2'	3'	4'	5'	6'	7'	8'
BASE (B)	1'	1'-6"	2'	2'-6"	3'	3'-6"	4'
SUB BASE (C)	6"	6"	1'	1'	1'	1'-6"	1'-6"

1 TYPE 1 STANDARD GRAVITY RETAINING WALL / NO SURCHARGE

NO SCALE

SOIL DATA
EQUIV. FLUID PRESSURE = 120 PCF
FRICTION = 0.3
FACTOR OF SAFETY = 1.5
ALLOWABLE BEARING = 2500

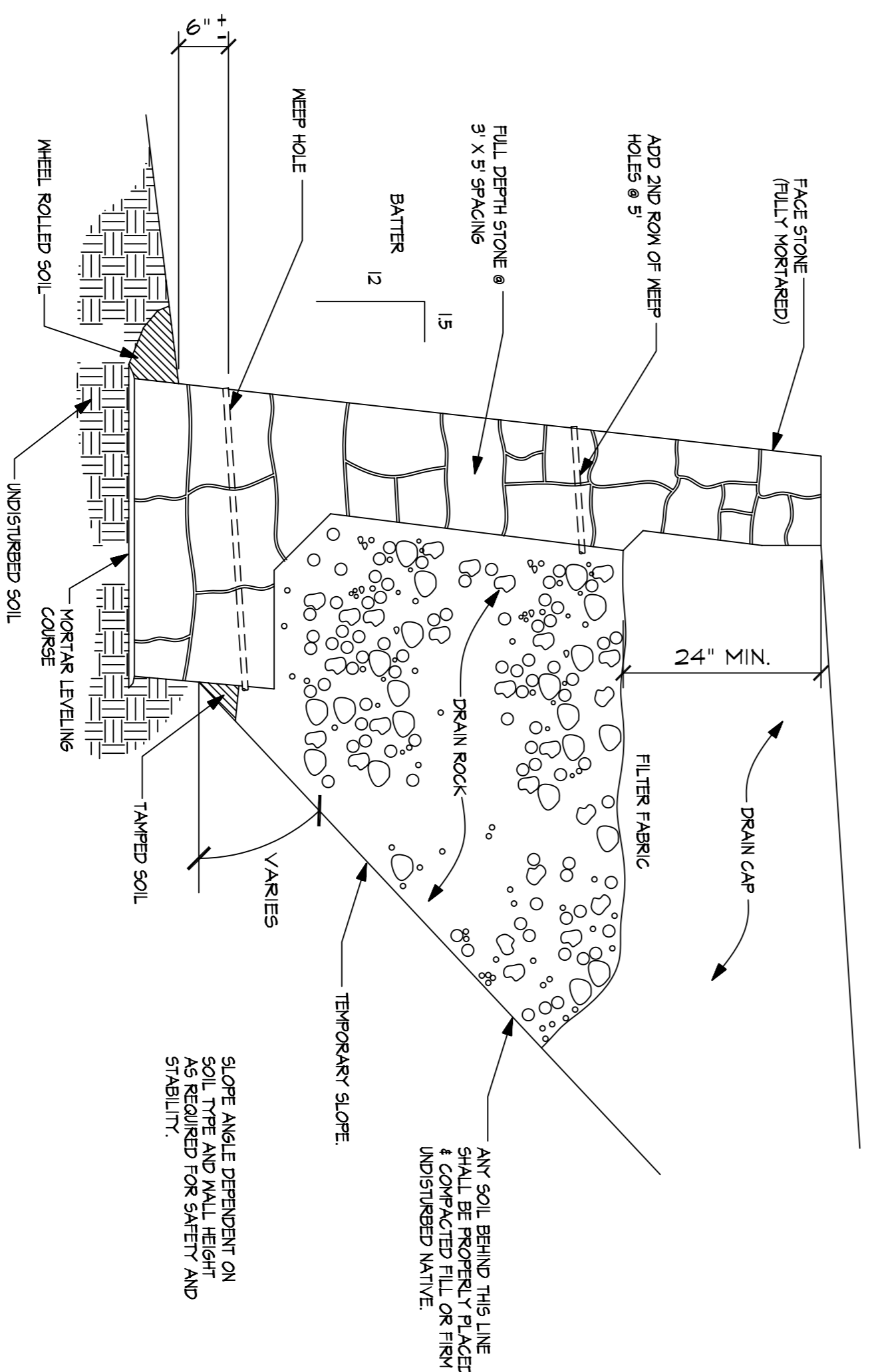


SPECIFICATION TABLE - NO SURCHARGE CONSIDERATION

HEIGHT (A)	4'	5'	6'	7'	8'
BASE (B)	18"	24"	32"	40"	48"
EMBEDMENT (C)	6"	6"	6"	8"	10"
CHAMFER (E)	6"	10"	12"	15"	18"
CAP WIDTH (F)	6"	6"	12"	12"	24"
STEM WIDTH (G)	12"	12"	12"	12"	12"
STEM HEIGHT (H)	12"	14"	16"	18"	20"
BATTER (J)	7"	8.5"	10"	11.5"	13"

1 TYPE 1 TRW CUSTOM RETAINING WALL / NO SURCHARGE

NO SCALE



A GENERAL CONSTRUCTION TRW RETAINING WALL

NO SCALE

- MATERIALS**
1. ALL MORTAR - SHALL BE TYPE M, 2500 PSI @ 28 DAYS.
 2. STONE - FACE STONE & PATTERN SHALL BE APPROVED BY OWNER. MINIMUM COMPRESSIVE STRENGTH = 5000 PSI.
 3. DRAIN - CONTINUOUS 3/4" X 3" ANGULAR GRAVEL OR CRUSHED STONE WITH MAX. 12 PERCENT #200 SIEVE SIZE. PROVIDE WITH MIRAFLEX NON FILTER FABRIC COVER OR APPROVED EQUIVALENT. PROVIDE MIN. 2" DIAMETER WEEP HOLES @ MAX. 10' SPACING.
 4. DRAIN CAP - MOIST NATIVE SOIL GRADED, COMPACTED AND SEALED TO REDUCE INFILTRATION OF RUNOFF. USE EQUIPMENT AND METHODS THAT WILL NOT DAMAGE WALLS.
 5. CONTROL JOIST - SHALL BE PROVIDED @ 25' MAXIMUM SPACING.
 6. BACK FILL - STONE RUBBLE MIXED WITH MOIST NATIVE SOIL AND COMPACTED SUFFICIENTLY TO PREVENT SINK HOLES AND LOW SPOTS.

The seal appearing on this document was authorized by Tony H. Childress, P.E. #72029 on 08/20/07 (Record copy on file)

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MANUAL COMP	REV	BY	DATE	DESCRIPTION
	1	THC	08/11/07	REVISED WALL DESIGNS

WILKINSON COMMONS
LA JOLLA POINTE DRIVE AND I-30
ROCKWALL, TEXAS
RETAINING WALLS

PROJECT NO:
DRAWN: THC
DATE: 08-04-07
SCALE: 1/4" = 1'-0"
DRAWING NO: