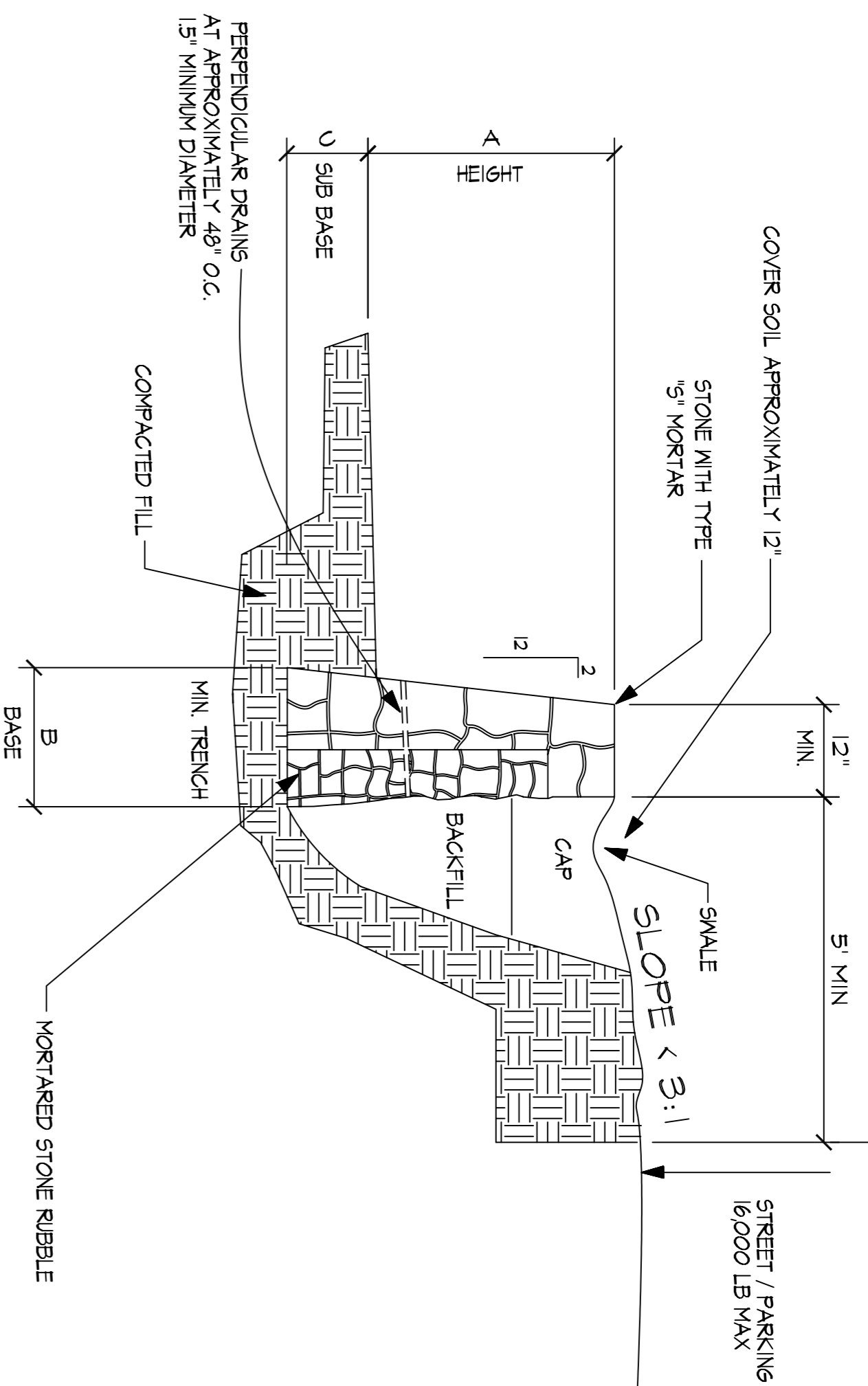


INSPECTION OF RETAINING WALL TO OCCUR FOLLOWING CONSTRUCTION OF WALL, PLACEMENT OF FILTER FABRIC, AND PLACEMENT OF DRAINPIPE BUT BEFORE PLACEMENT OF GRAVEL.

LOCATION OF FIRELANE OR UTILITY EASEMENT



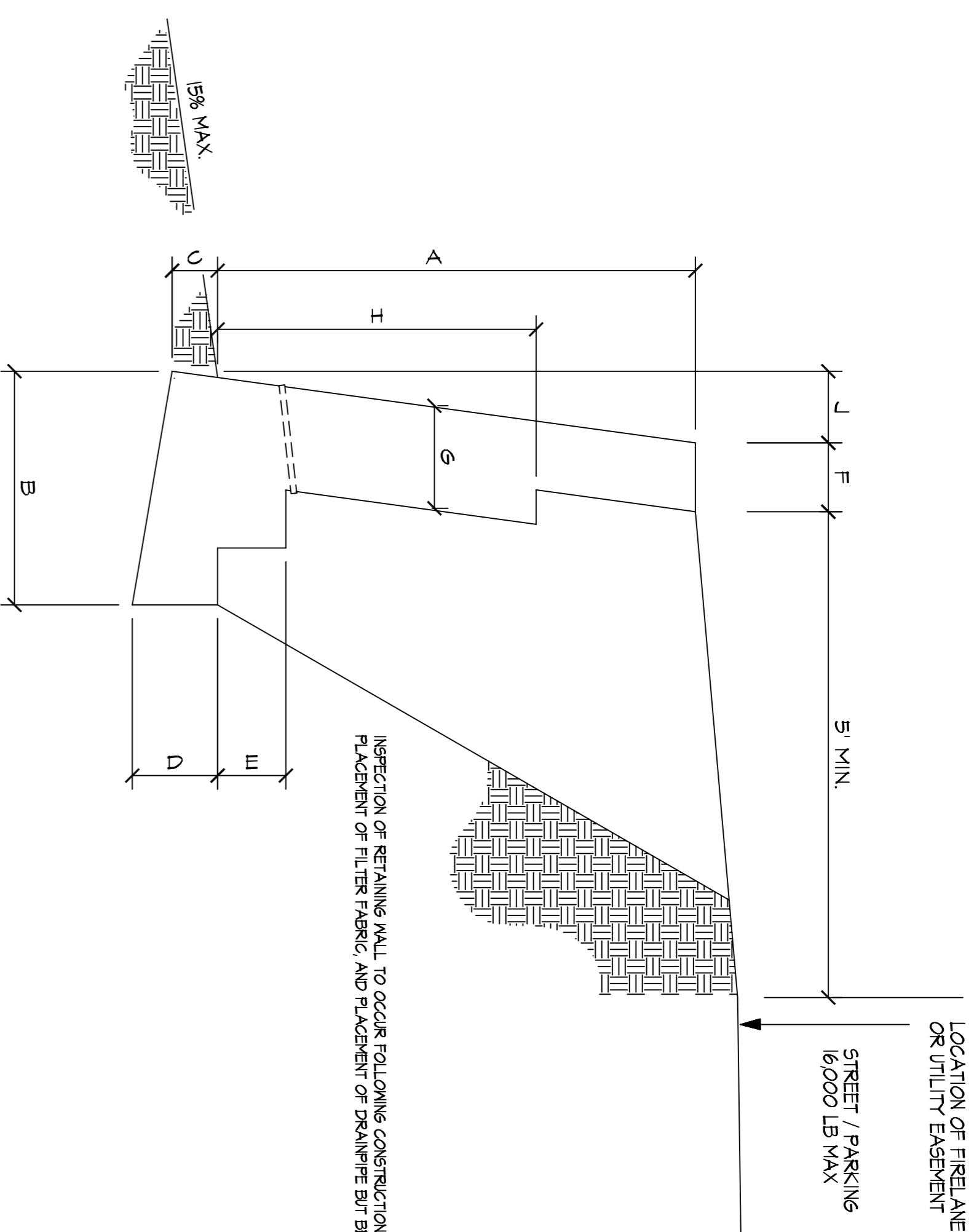
2 TYPE 2 STANDARD GRAVITY RETAINING WALL / WITH SURCHARGE

NO SCALE

SPECIFICATION TABLE - WITH SURCHARGE CONSIDERATION

| HEIGHT (A) | 2' | 3' | 4' | 5' | 6' | 7' | 8' | 9' | 10' | 11' | 12' | 13' |
|--------------|----|-------|-------|----|-------|-------|-------|-------|-------|-------|--------|-------|
| BASE (B) | 1' | 1'-6" | 2'-6" | 3' | 3'-6" | 4'-3" | 5'-0" | 5'-9" | 6'-6" | 7'-2" | 7'-10" | 8'-6" |
| SUB BASE (C) | 6" | 6" | 1" | 1" | 1" | 1'-6" | 2' | 2' | 2'-6" | 2'-6" | 3'-0" | 3'-0" |

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



2 TYPE 2 TRW CUSTOM RETAINING WALL / WITH SURCHARGE

NO SCALE

SPECIFICATION TABLE - WITH SURCHARGE CONSIDERATION

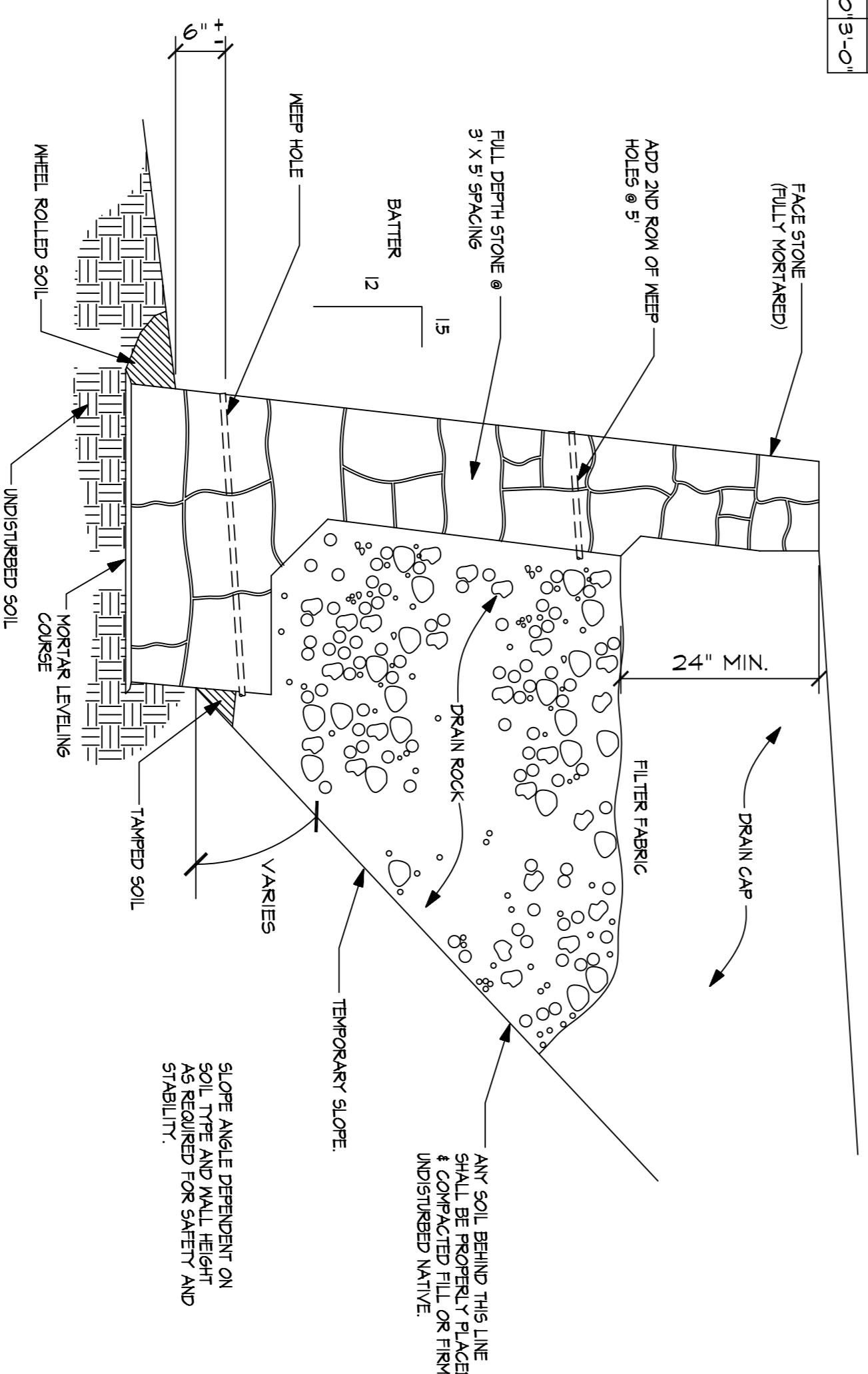
| HEIGHT (A) | 4' | 5' | 6' | 7' | 8' | 9' | 10' |
|-----------------|-----|------|-----|-------|-----|-----|-----|
| BASE (B) | 24" | 28" | 36" | 40" | 48" | 56" | 62" |
| EMBEDMENT (C) | 6" | 6" | 8" | 8" | 10" | 12" | 16" |
| CHAFFER (E) | 6" | 6" | 12" | 14" | 18" | 24" | 24" |
| CAP WIDTH (F) | 12" | 12" | 12" | 12" | 12" | 12" | 12" |
| STEM WIDTH (G) | 12" | 14" | 16" | 18" | 20" | 20" | 20" |
| STEM HEIGHT (H) | 32" | 40" | 48" | 56" | 64" | 72" | 80" |
| BATTER (J) | 7" | 8.5" | 10" | 11.5" | 13" | 15" | 16" |

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 MARIAFI 140N 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.

A GENERAL CONSTRUCTION RETAINING WALL

NO SCALE



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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CESGLOBAL.COM

| 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:

SHEET
3 OF 8