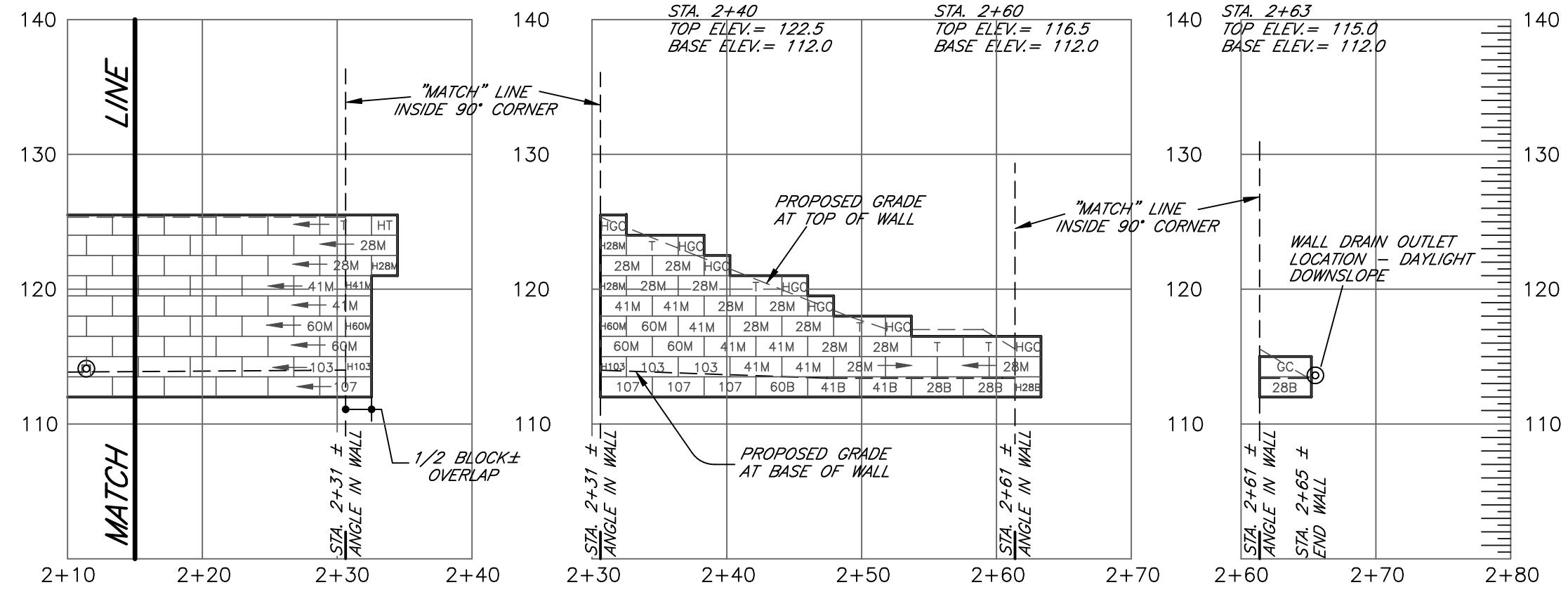


WALL FACE DRAWING WALL #1

SCALE: 1" = 10'

NOTE: IF THE FIELD CONDITIONS INDICATE THE GRADE AT THE BASE AND/OR TOP OF THE WALL TO BE DIFFERENT FROM THAT SHOWN ON THESE PLANS, THE DESIGN ENGINEER SHALL BE CONTACTED TO VERIFY CHANGES TO THE WALL BASE COURSE AND/OR TOP OF WALL ELEVATION. THE GRADES SHOWN ON THIS PLAN ARE BASED ON THE GRADING PLAN (SHEET 3 OF 7) PREPARED BY GUERRIERE & HALNON, INC., REVISION #1, DATED 6/11/19.



WALL FACE DRAWING WALL #1, CONTINUED

SCALE: 1" = 10'

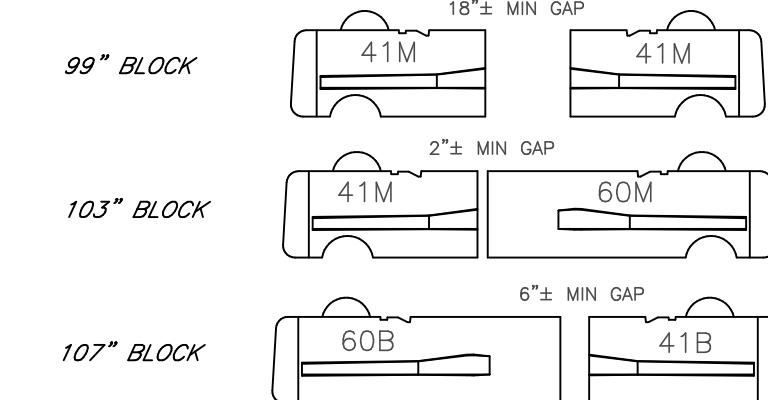
WALL #1 BLOCK LEGEND & QUANTITIES

HGC	HALF GARDEN CORNER BLOCK	20
GC	GARDEN CORNER BLOCK	4
HT	HALF TOP BLOCK	3
T	TOP BLOCK	56
MC	MIDDLE CORNER BLOCK	19
BC	BOTTOM CORNER BLOCK	3
H28M	HALF 28" MIDDLE BLOCK	9
28M	28" MIDDLE BLOCK	99
H28B	HALF 28" BOTTOM BLOCK	1
28B	28" BOTTOM BLOCK	22
H41M	HALF 41" MIDDLE BLOCK	12 (4)
41M	41" MIDDLE BLOCK	74 (30)
41B	41" BOTTOM BLOCK	8 (27)
H60M	HALF 60" MIDDLE BLOCK	5 (4)
60M	60" MIDDLE BLOCK	54 (24)
60B	60" BOTTOM BLOCK	8 (27)
99	99" BLOCK	3
H103	HALF 103" BLOCK	4
103	103" BLOCK	24
107	107" BLOCK	27

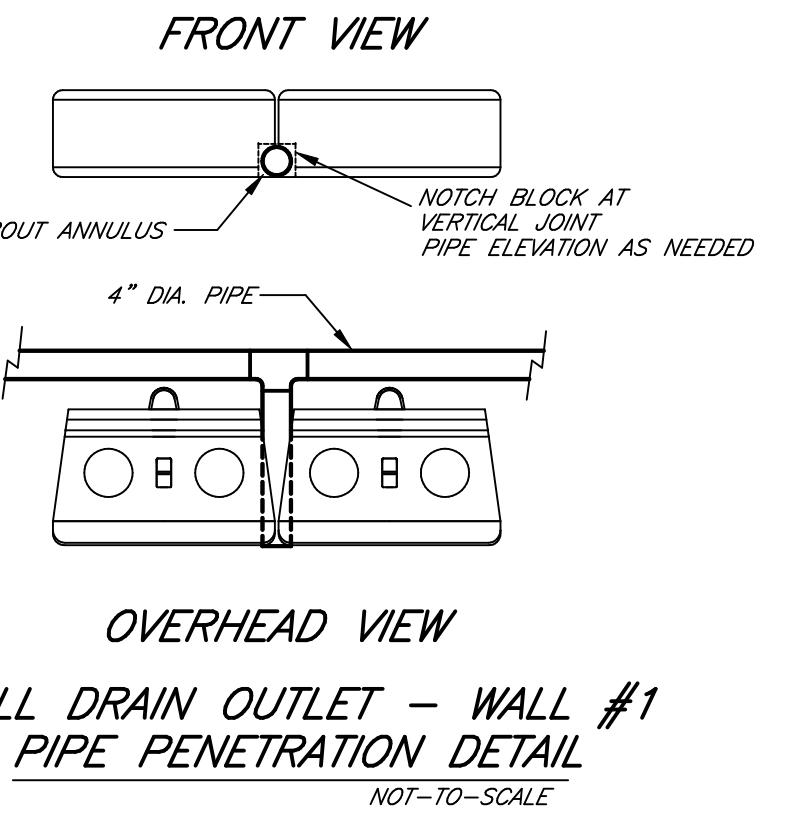
(**) ADDITIONAL BLOCK NEEDED TO MAKE COMPOSITE BLOCK

COMPOSITE BLOCK LAYOUT

BLOCK DEPTH GREATER THAN 60" IS NOT AVAILABLE, WHERE BLOCK DEPTH GREATER THAN 60" IS SHOWN THE COMPOSITE BLOCK LAYOUT BELOW SHALL BE USED



* FILL GAP & 1" BETWEEN BLOCK W/ 3/4" CRUSHED STONE
* REMOVE LIFTING LOOPS AT THE REAR OF THE BLOCK AS NEEDED
* DUE TO THE VARIATION BETWEEN BLOCKS THE ABOVE DIMENSIONS SHOULD BE CONSIDERED APPROXIMATE. SOME FIELD MODIFICATION SHOULD BE EXPECTED. CONTACT THE WALL DESIGN ENGINEER WITH CHANGES/QUESTIONS.
* NOT TO SCALE



WALL DRAIN OUTLET - WALL #1 PIPE PENETRATION DETAIL

NOT-TO-SCALE

IT IS THE RESPONSIBILITY OF THE INSTALLER TO REVIEW THE NOTES AND DETAILS ON ALL SHEETS OF THIS PLAN SET



NOTE: THIS DRAWING WAS PREPARED FOR USE WITH REDI-ROCK (TM) RETAINING WALL SYSTEMS. CONTACT REDI-ROCK WALLS OF NEW ENGLAND AT (603) 863-1000.

ERIC MERLUZZI, P.E.

184 ROWENTOWN ROAD, WENTWORTH, NH 03282

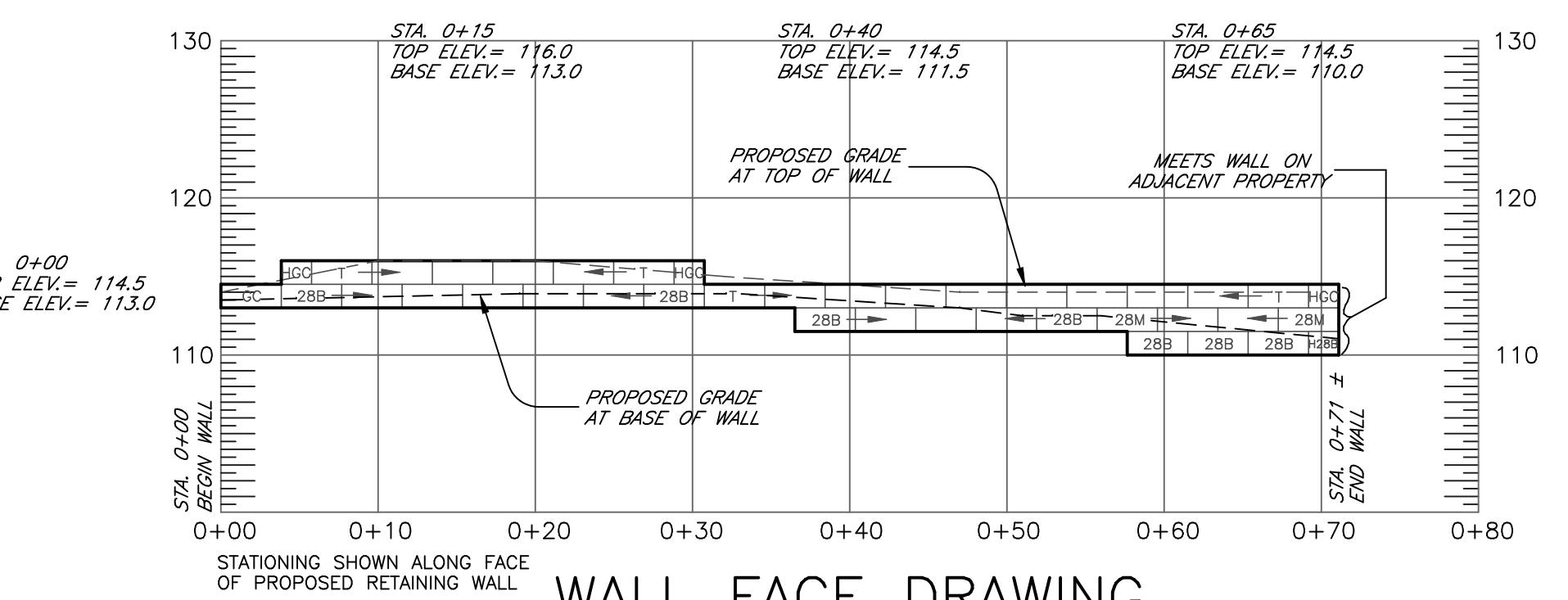
PHONE: (603) 786-2751 E-MAIL: em35@earthlink.net

CLIENT: REDI-ROCK WALLS OF NEW ENGLAND
8 REEDS MILL ROAD, NEWPORT, NH 03773

PROJECT: 3 BURKE LANE
WELLESLEY, MA

SHEET TITLE: RETAINING WALL DESIGN SHEET 2

DATE: AUGUST 26, 2019 AS SHOWN SCALE: 1" = 10' PROJECT No.: 2019-116



WALL FACE DRAWING
WALL #2

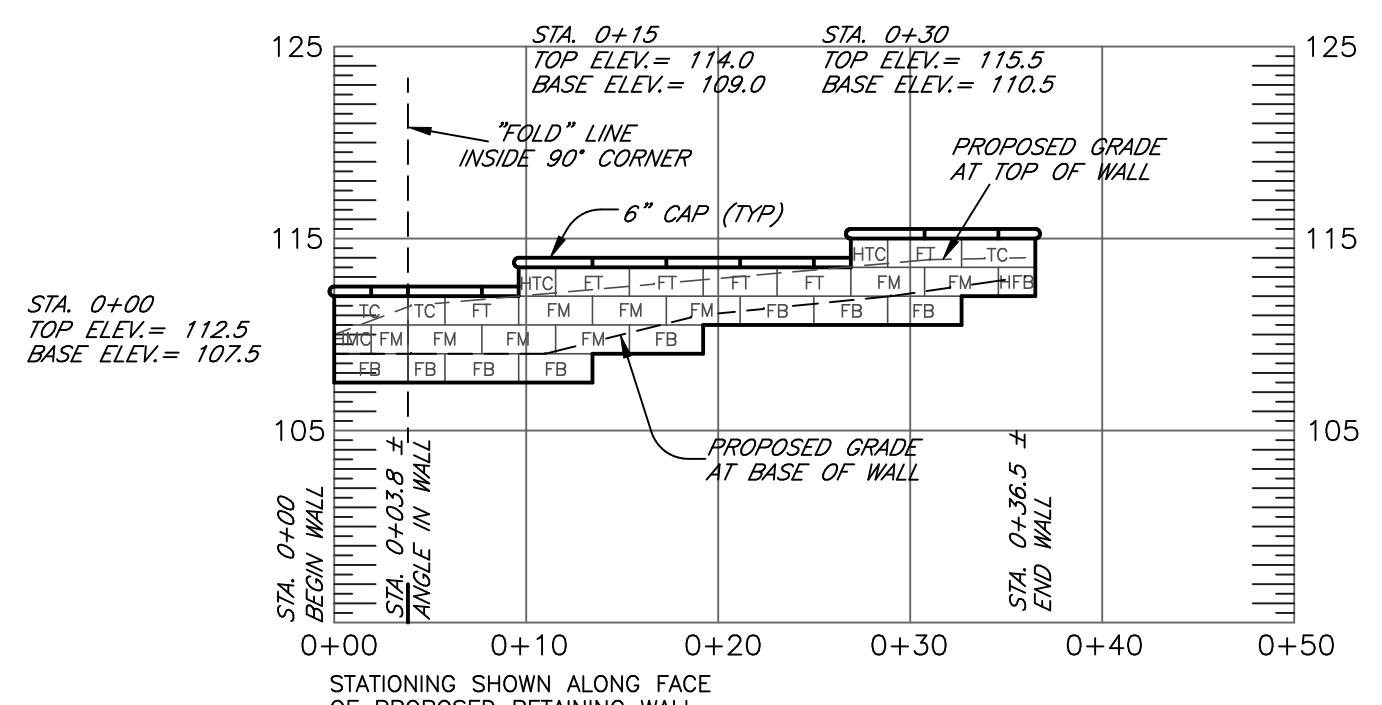
SCALE: 1" = 10'

WALL #2
BLOCK LEGEND & QUANTITIES

HGC	HALF GARDEN CORNER BLOCK	3
GC	GARDEN CORNER BLOCK	1
T	TOP BLOCK	16
28M	28" MIDDLE BLOCK	4
H2B	HALF 28" BOTTOM BLOCK	1
28B	28" BOTTOM BLOCK	15

WALL #2 NOTE:
* IT IS OUR OPINION A PERFORATED DRAIN PIPE IS
NOT NEEDED FOR THIS WALL.

NOTE REGARDING FIELD-TRIMMING OF REDI-ROCK COMPONENTS:
THE CONTRACTOR SHOULD ANTICIPATE SOME FIELD TRIMMING OF THE REDI-ROCK WALL
COMPONENTS. TYPICAL SITUATIONS THAT REQUIRE FIELD TRIMMING INCLUDE:
1. TRIMMING THE "WINGS" ON VARIABLE RADIUS BLOCK TO ADJUST THE LENGTH
OF THE SECTIONS.
2. CUTTING 3-SIDED CAPS WHERE 3-SIDED CAPS ARE NEEDED.
3. CUTTING FILL LENGTH CAPS WHERE HALF LENGTH CAPS ARE NEEDED.
4. OTHER SITUATIONS, AS NEEDED.



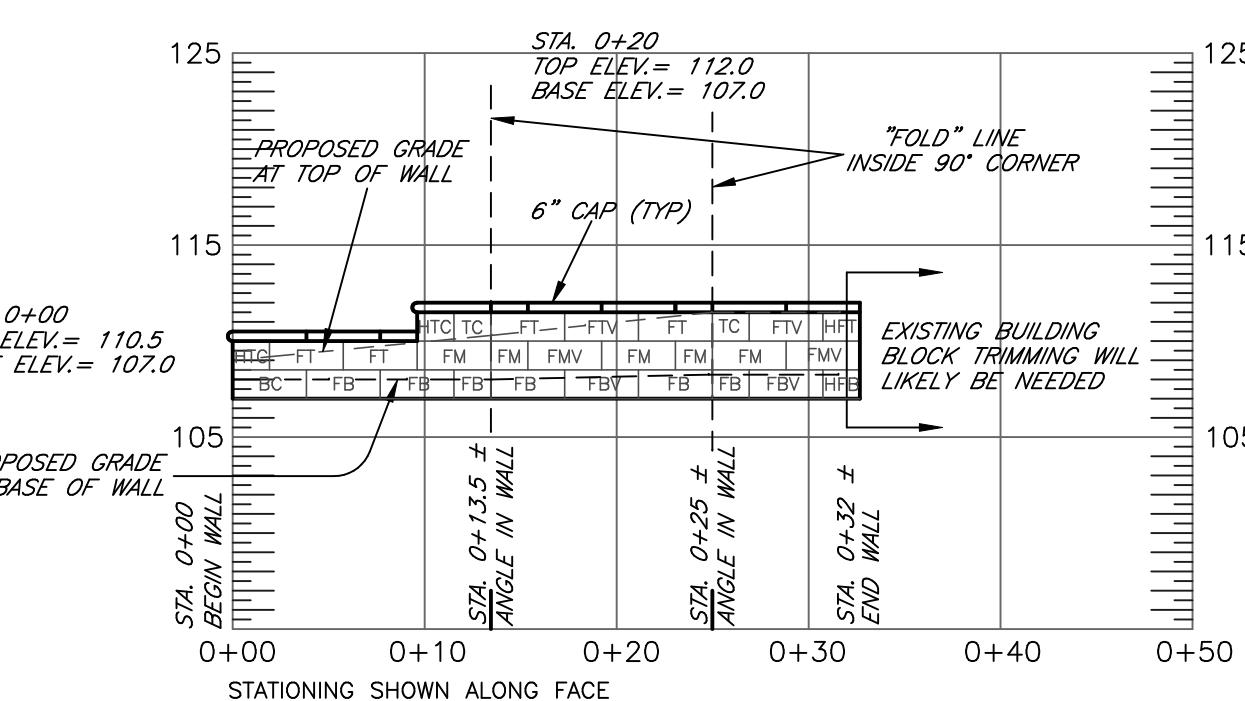
WALL FACE DRAWING
WALL #4

SCALE: 1" = 10'

WALL #4
BLOCK LEGEND & QUANTITIES

HTC	HALF TOP CORNER BLOCK	2
TC	TOP CORNER BLOCK	3
FT	FREESTANDING TOP BLOCK	6
HMC	HALF MIDDLE CORNER BLOCK	1
FM	FREESTANDING MIDDLE BLOCK	9
HFB	HALF FREESTANDING BOTTOM BLOCK	1
FB	FREESTANDING BOTTOM BLOCK	8
	6" CAPS, 2 SIDED	6
	6" CAPS, 4 SIDED	5

WALL #4 NOTE:
1. IT IS OUR OPINION A PERFORATED DRAIN PIPE IS
NOT NEEDED FOR THIS WALL.



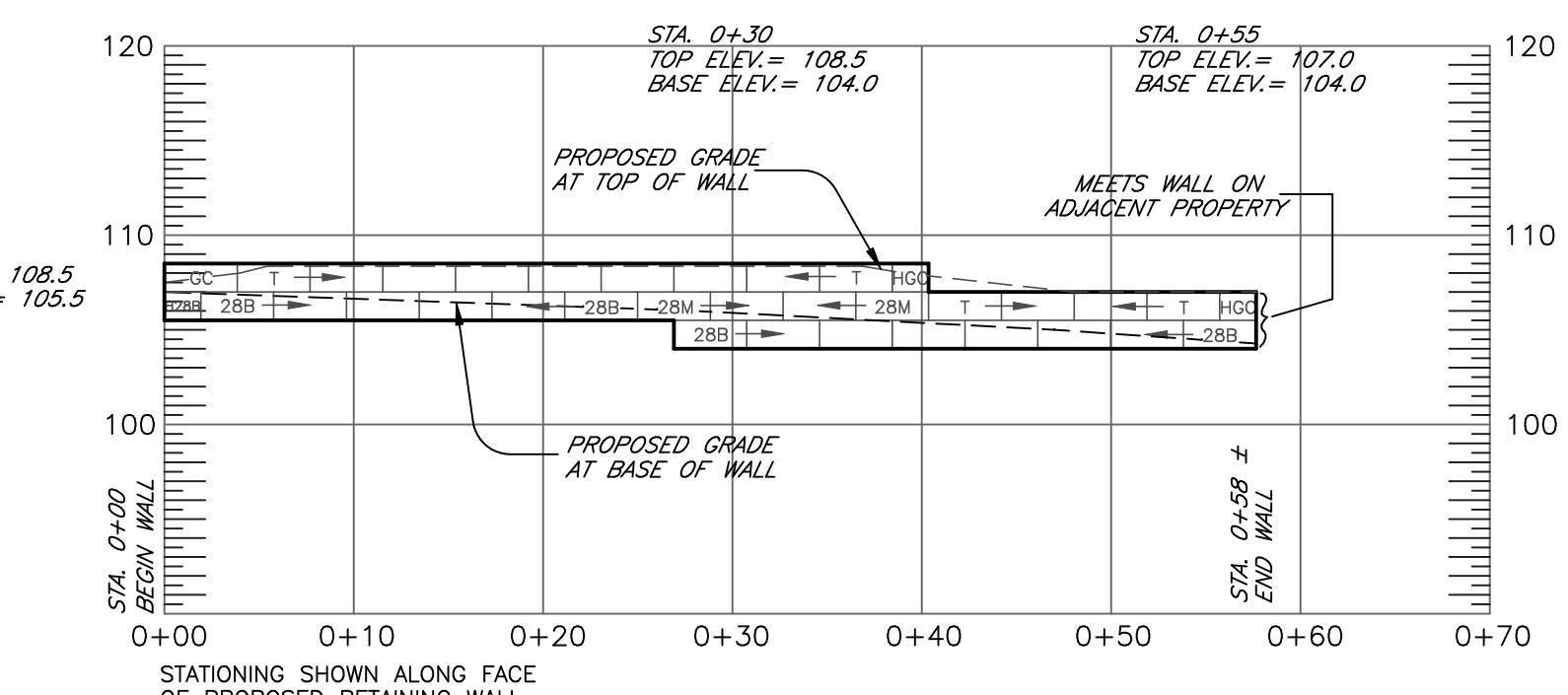
WALL FACE DRAWING
WALL #3

SCALE: 1" = 10'

WALL #3
BLOCK LEGEND & QUANTITIES

HTC	HALF TOP CORNER BLOCK	2
TC	TOP CORNER BLOCK	2
HFT	HALF FREESTANDING TOP BLOCK	1
FT	FREESTANDING TOP BLOCK	4
FV	FREESTANDING TOP VARIABLE RADIUS BLOCK	2
FM	FREESTANDING MIDDLE BLOCK	5
FMV	FREESTANDING MIDDLE VARIABLE RADIUS BLOCK	2
BC	BOTTOM CORNER BLOCK	1
HFB	HALF FREESTANDING BOTTOM BLOCK	1
FB	FREESTANDING BOTTOM BLOCK	6
FBV	FREESTANDING BOTTOM VARIABLE RADIUS BLOCK	2
	6" CAPS, 2 SIDED	6
	6" CAPS, 4 SIDED	4

WALL #3 NOTES:
1. IT IS OUR OPINION A PERFORATED DRAIN PIPE IS NOT REQUIRED
2. VARIABLE RADIUS BLOCK ARE PROVIDED TO SIMPLIFY BLOCK TRIMMING
WHERE FIELD ADJUSTMENT OF THE LENGTH OF WALL SEGMENTS IS
NEEDED.



WALL FACE DRAWING
WALL #5

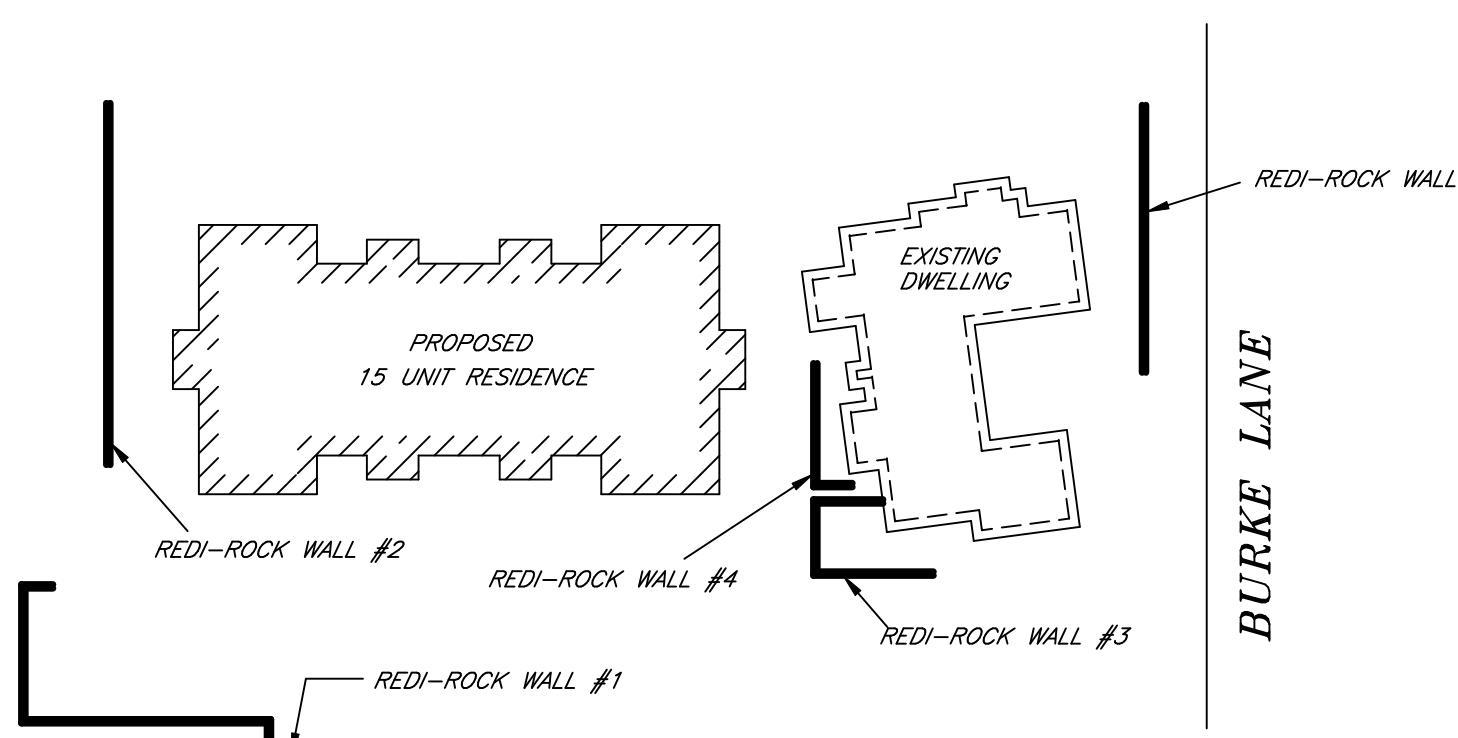
SCALE: 1" = 10'

WALL #5
BLOCK LEGEND & QUANTITIES

HGC	HALF GARDEN CORNER BLOCK	2
GC	GARDEN CORNER BLOCK	1
T	TOP BLOCK	13
28M	28" MIDDLE BLOCK	4
H2B	HALF 28" BOTTOM BLOCK	1
28B	28" BOTTOM BLOCK	14

WALL #5 NOTE:
IT IS OUR OPINION A PERFORATED DRAIN PIPE IS
NOT NEEDED FOR THIS WALL.

NOTE: IF THE FIELD CONDITIONS INDICATE THE GRADE AT THE BASE AND/OR TOP OF THE WALL
TO BE DIFFERENT FROM THAT SHOWN ON THESE PLANS, THE DESIGN ENGINEER SHALL
BE CONTACTED TO VERIFY CHANGES TO THE WALL BASE COURSE AND/OR TOP OF WALL ELEVATION.
THE GRADES SHOWN ON THIS PLAN ARE BASED ON THE GRADING PLAN (SHEET 3 OF 7) PREPARED
BY GUERRIERE & HALNON, INC., REVISION #1, DATED 6/11/19.

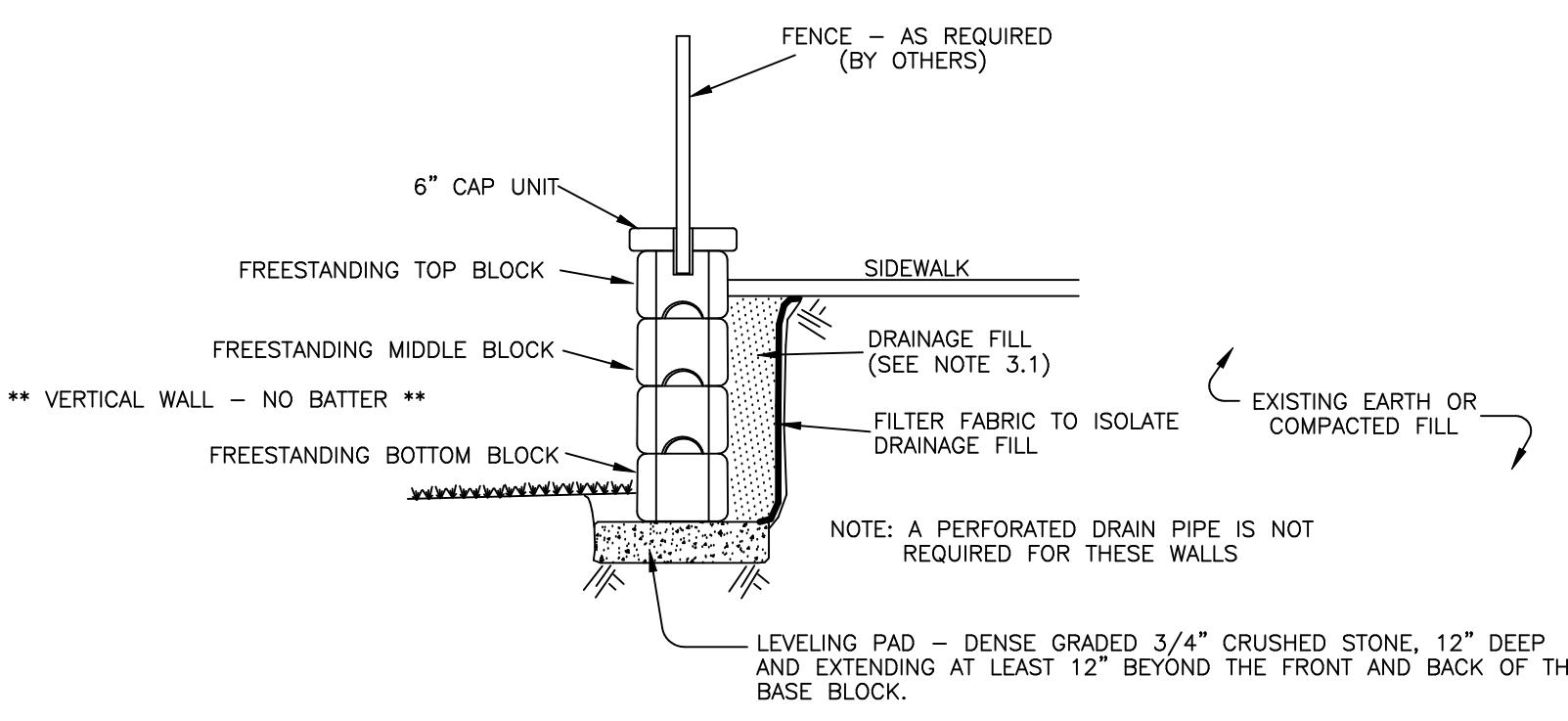


VICINITY SKETCH

(NOT TO SCALE)
SEE CONSTRUCTION DRAWINGS BY OTHERS

IT IS THE RESPONSIBILITY OF THE INSTALLER TO REVIEW THE
NOTES AND DETAILS ON ALL SHEETS OF THIS PLAN SET

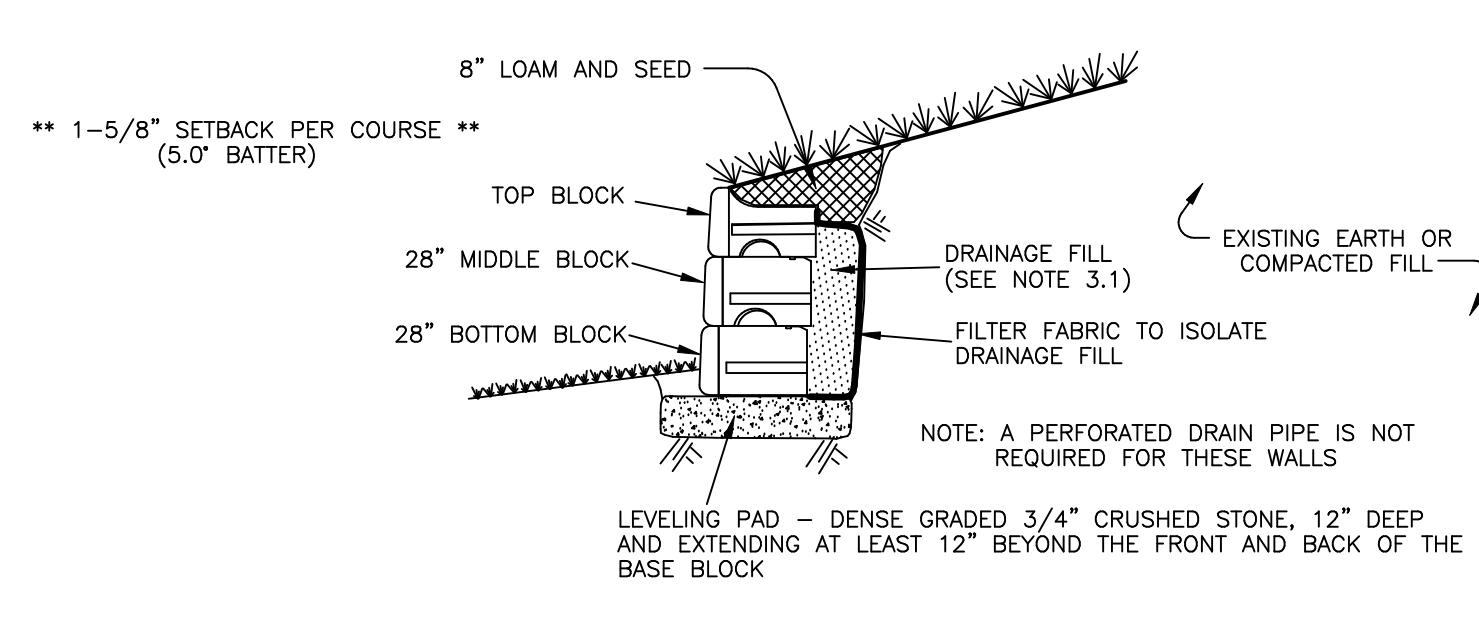
CAP & TOP BLOCK TO BE FIELD-CORED TO
ACCEPT FENCE POST. CORE TO EXTEND MIN.
INTO TOP BLOCK. ANNULUS TO BE FILLED
WITH NON-SHRINK GROUT (TYPE BY FENCE
SUPPLIER). KEEP CORE HOLE EDGE AT
LEAST 6" FROM OUTSIDE EDGE OF BLOCK.



TYPICAL SECTION - GRAVITY WALL
WALLS #3 & #4
(TYPICAL DETAIL ONLY - SEE WALL FACE DRAWING
FOR SPECIFIC BLOCK CONFIGURATIONS)

"REDI-ROCK" SEGMENTAL RETAINING WALL

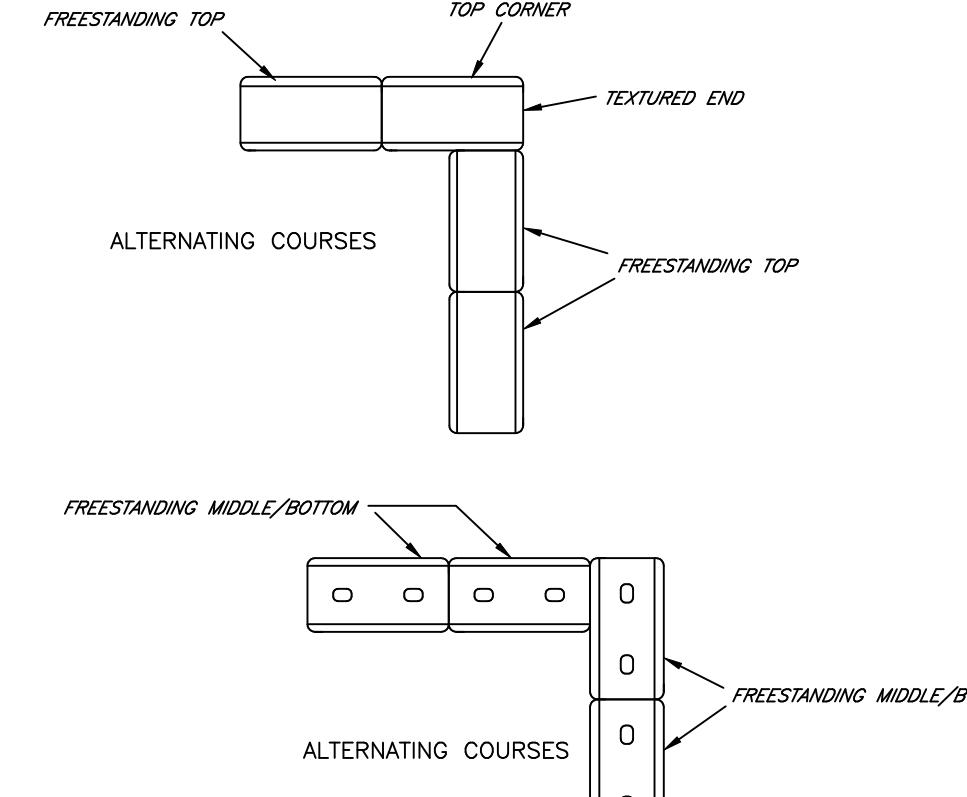
MAXIMUM APPLIED BEARING PRESSURE: WALL #3 - 700 psf WALL #4 - 1000 psf



TYPICAL SECTION - GRAVITY WALL
WALLS #2 & #5
(TYPICAL DETAIL ONLY SEE WALL FACE DRAWING
FOR SPECIFIC BLOCK CONFIGURATIONS)

"REDI-ROCK" SEGMENTAL RETAINING WALL

MAXIMUM APPLIED BEARING PRESSURE: WALL #2 - 700 psf WALL #5 - 700 psf



90° INSIDE CORNER
FREESTANDING BLOCKS
NOT-TO-SCALE



NOTE: THIS DRAWING WAS PREPARED FOR USE WITH REDI-ROCK (TM) RETAINING
WALL SYSTEMS. CONTACT REDI-ROCK WALLS OF NEW ENGLAND AT (603) 863-1000.

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PHONE: (603) 786-2751 E-MAIL: em35@earthlink.net

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8 REEDS MILL ROAD, NEWPORT, NH 03773

PROJECT: 3 BURKE LANE
WELLESLEY, MA

SHEET TITLE: RETAINING WALL DESIGN SHEET 3

DATE: AUGUST 26, 2019 AS SHOWN SCALE: 1" = 10' PROJECT No.: 2019-116