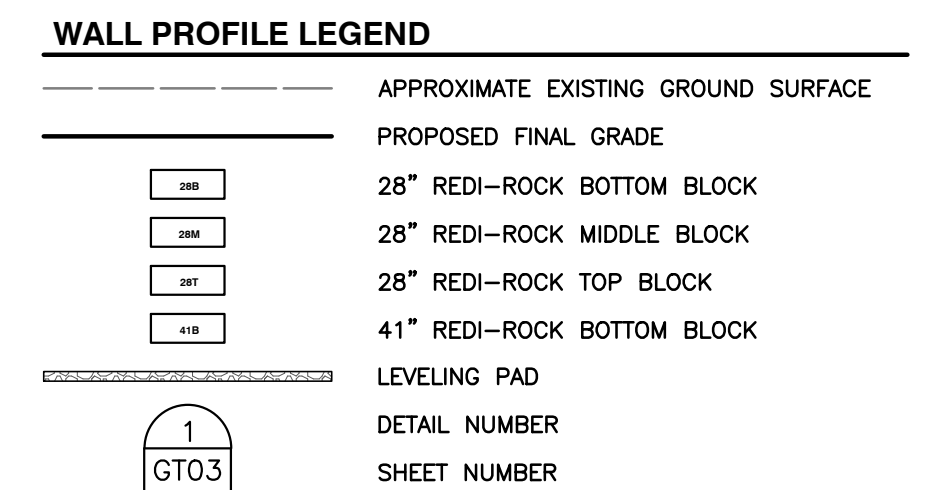
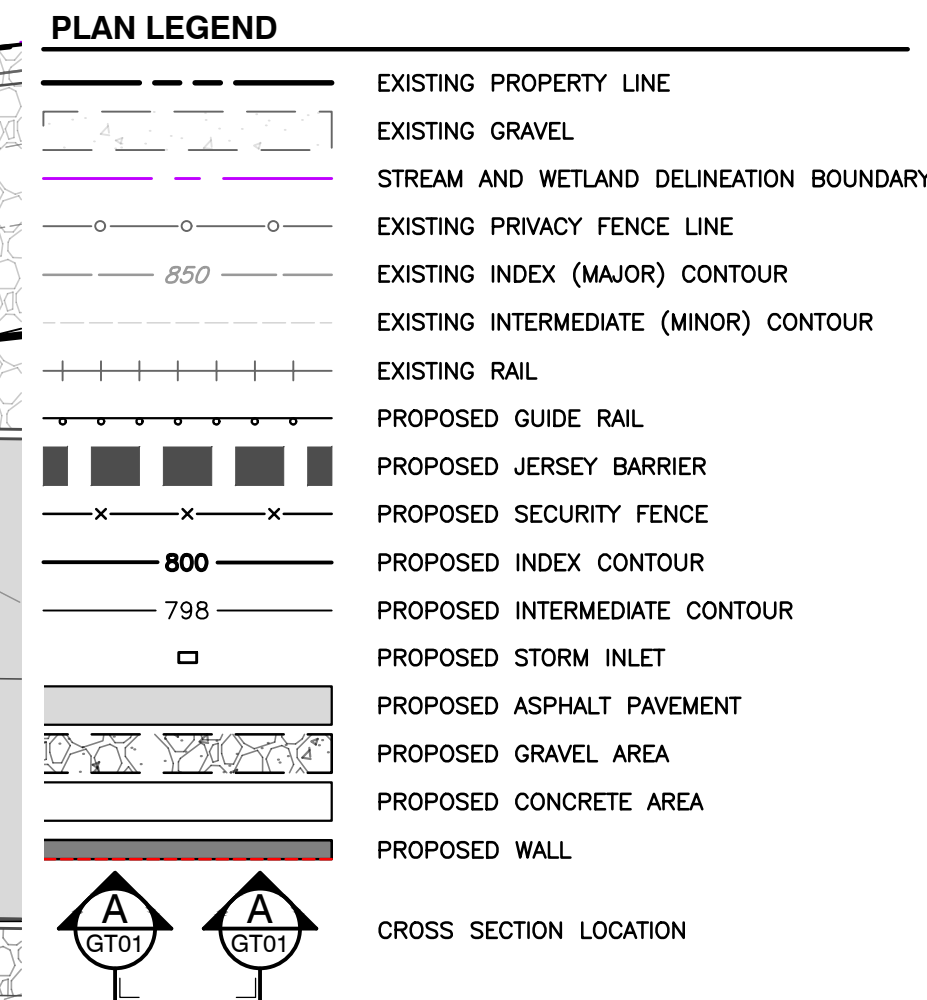


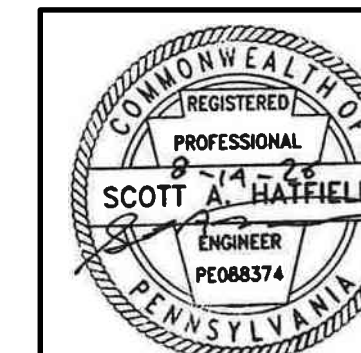


SCALE IN FEET

0 10 20

1. EXISTING SITE FEATURES AND UTILITIES ARE BASED ON A COMBINATION OF SURVEY PERFORMED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC) DATED 07-14-2025 THROUGH 10-22-2025 AND ALTA SURVEY COMPLETED 10-30-2025 BY CEC.
2. PLAN NORTH IS BASED ON PENNSYLVANIA STATE PLAN NAD83-2011, NORTH ZONE, AS DETERMINED BY CEC USING SURVEY GRADE GPS MEASUREMENTS AND OPUS POST-PROCESSING.
3. VERTICAL DATUM IS BASED ON NAVD88 (GEOID 18), AS DETERMINED BY CEC USING SURVEY GRADE GPS MEASUREMENTS AND OPUS POST-PROCESSING.
4. STREAM AND WETLAND DELINEATION PERFORMED BY CEC ON 07-11-2025.
5. EXISTING CONTOURS ARE DERIVED FROM PENNSYLVANIA SPATIAL DATA ACCESS (PASDA) 2 AND 10 CONTOURS DATED 2006-2008.
6. SUBSTATION LAYOUT PROVIDED BY ASPLUNDH ENGINEERING SERVICES ON 02-4-2026.

1. ALL EXCAVATIONS SHALL BE PERFORMED IN ACCORDANCE WITH OSHA REGULATIONS. CONTRACTOR RESPONSIBLE FOR STABILITY OF TEMPORARY EXCAVATIONS.
2. RETAINING WALL LEVELING PAD SHOULD BEAR ON EXISTING FILL THAT PASSES A PROOFROLL WITH A FULLY-LOADED TANDEM AXLE TRUCK. IF UNFAVORABLE BEARING CONDITIONS ARE ENCOUNTERED, THE PROOFROLLED CONSTRUCTION MATERIALS SHALL BE REMOVED AND OVEREXCAVATE TO A DEPTH WHERE FAVORABLE BEARING CONDITIONS ARE ENCOUNTERED AS DETERMINED BY THE GEOTECHNICAL ENGINEER OR TO A MAXIMUM DEPTH OF 3 FEET AND BACKFILL WITH ENGINEERED FILL SOILS.
3. BACKFILL ENTIRETY OF RETAINING WALL EXCAVATION WITH AASHTO NO. 57 STONE AGGREGATE UP TO THE TOP COURSE OF RETAINING WALL ON THE DESIGN DRAWINGS.
4. REDI-ROCK BLOCK TYPE LAYOUT IS PROVIDED ON THE WALL PROFILE ON THIS SHEET.



REVISION RECORD		
NO	DATE	DESCRIPTION

700 Cherrington Parkway
Moon Township, PA 15108
Ph: 412.429.2324 · 800.365.2324
www.cecinc.com



Civil & Environmental
Consultants, Inc.

**MERCER NODE, LLC
MERCER NODE DEVELOPMENT
200-201 CLARK STREET
CITY OF SHARON
MERCER COUNTY, PA**

WALL PLAN AND PROFILE

DATE:	AUGUST 2026	DRAWN BY:	EAH
DWG SCALE:	1"=10'	CHECKED BY:	TAB
PROJECT NO:	353-024		
APPROVED BY:	SAH		

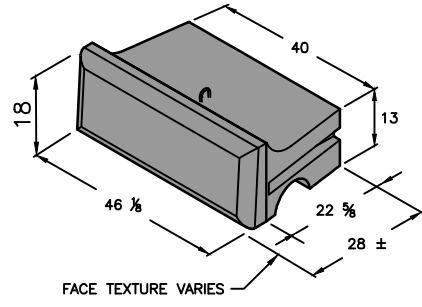
DRAWING NO.:

GT-01

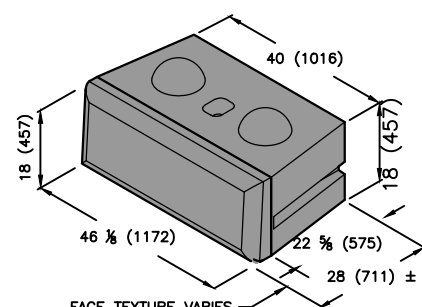
P: | 350-000 | 353-024 | -CADD | Dwg | GT02 | 353024-GT02-WallPlanProfile.dwg | GT-02 | LS: {8/14/2026 - ehelbing} - LP: 8/14/2026 2:20 PM

A:\360-2001\361-2041-CADD\Draw\0702\353004-GT02-MercerNodeProfile.dwg[GT-03] LS [8/14/2026] - wall.dwg - LF 8/14/2026 2:21 PM

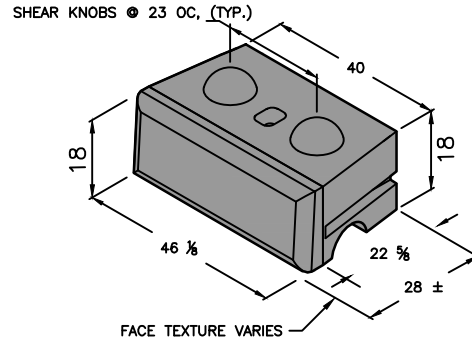
R-28T 28" TOP
Face Texture: Cobble / Limestone Kingstone /
Block Weight: 1230 lb 1160 lb
Block Volume: 8.57 ft³ 8.07 ft³
Center of Gravity: 14.9" 14.2"



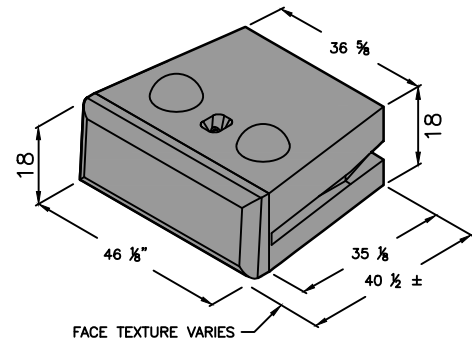
R-28B 28" BOTTOM
Face Texture: Cobble / Limestone Kingstone /
Block Weight: 1740 lb 1670 lb
Block Volume: 12.19 ft³ 11.70 ft³
Center of Gravity: 14.0" 13.5"



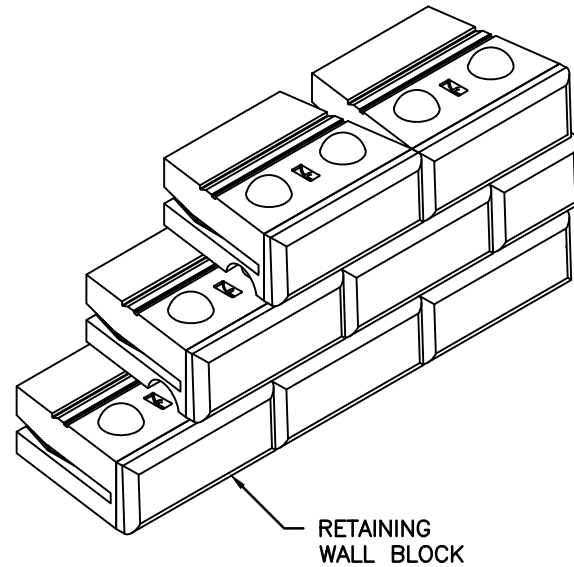
R-28M 28" MIDDLE
Face Texture: Cobble / Limestone Kingstone /
Block Weight: 1610 lb 1540 lb
Block Volume: 11.28 ft³ 10.78 ft³
Center of Gravity: 13.9" 13.4"



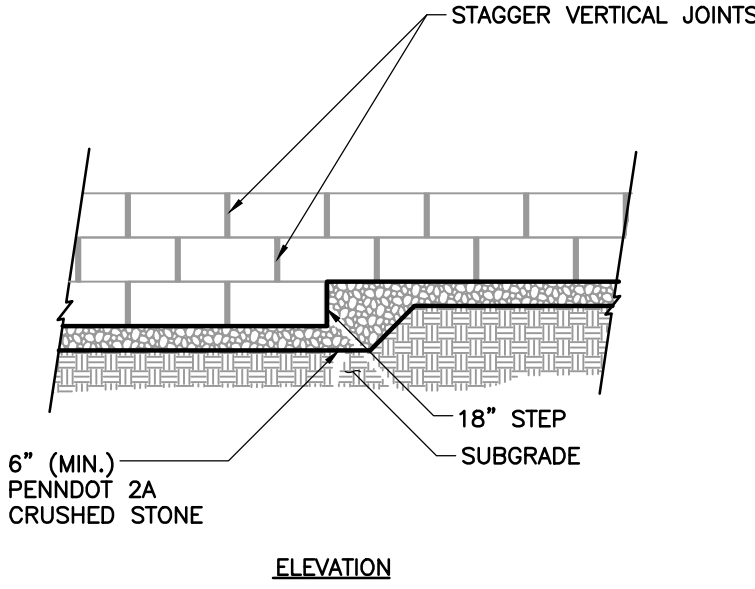
R-41B 41" BOTTOM
Face Texture: Cobble / Limestone Kingstone /
Block Weight: 2440 lb 2370 lb
Block Volume: 17.06 ft³ 16.56 ft³
Center of Gravity: 20.7" 20.2"



DETAIL 1
REDI-ROCK RETAINING WALL BLOCKS
N.T.S.



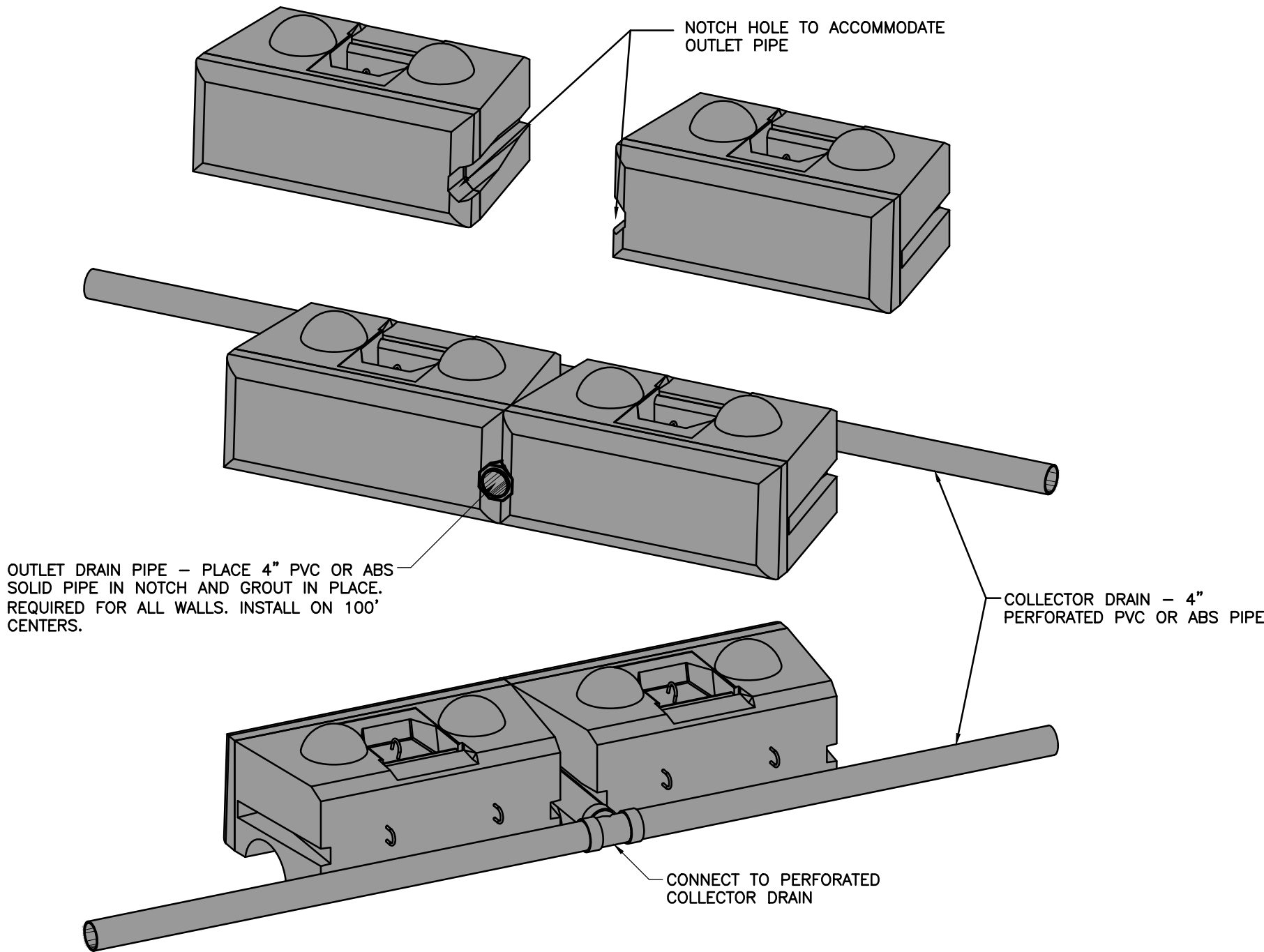
DETAIL 2
TYPICAL BLOCK PLACEMENT
N.T.S.



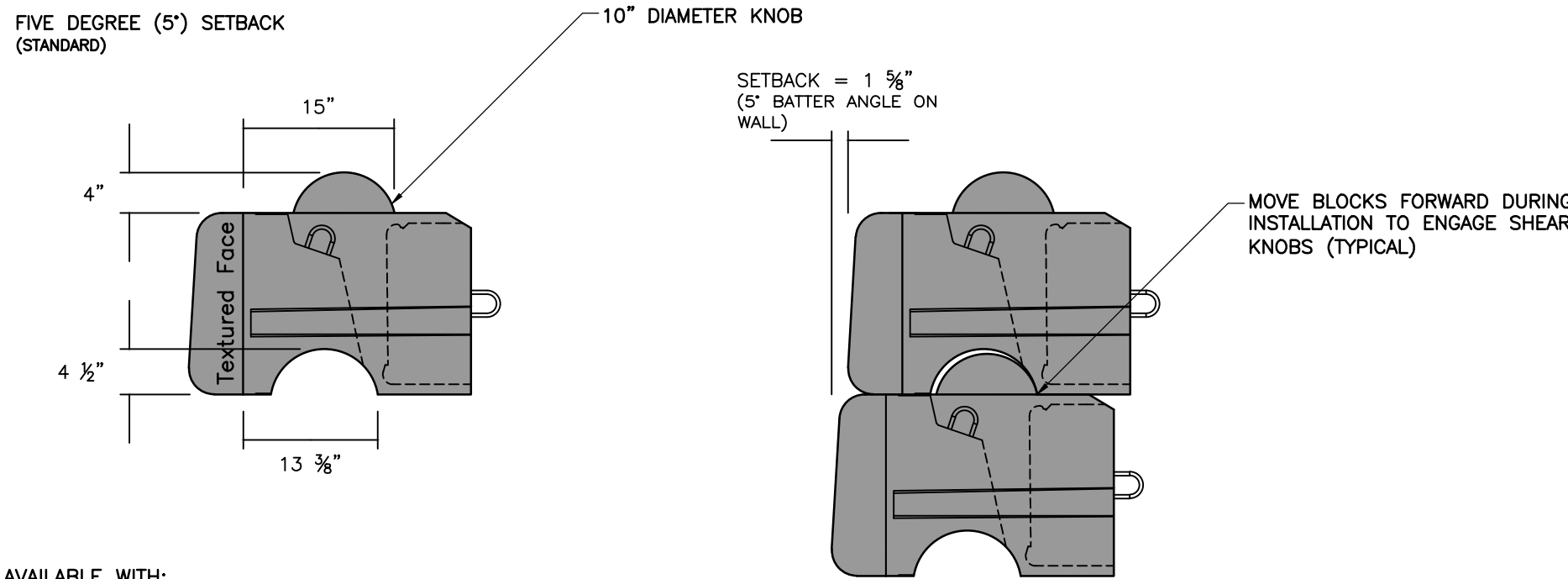
ELEVATION

- NOTES:**
1. THE LEVELING PAD IS TO BE CONSTRUCTED OF 6" (MIN) PENNDOT 2A CRUSHED STONE AND COMPACTED PER THE SPECIFICATIONS ON DRAWING GT02.
 2. SEE ELEVATION VIEWS FOR BOTTOM OF WALL STEP LOCATIONS ON DRAWING.
 3. SUBGRADE SOILS TO BE APPROVED BY CEC FIELD REPRESENTATIVE.

DETAIL 3
LEVELING PAD
N.T.S.

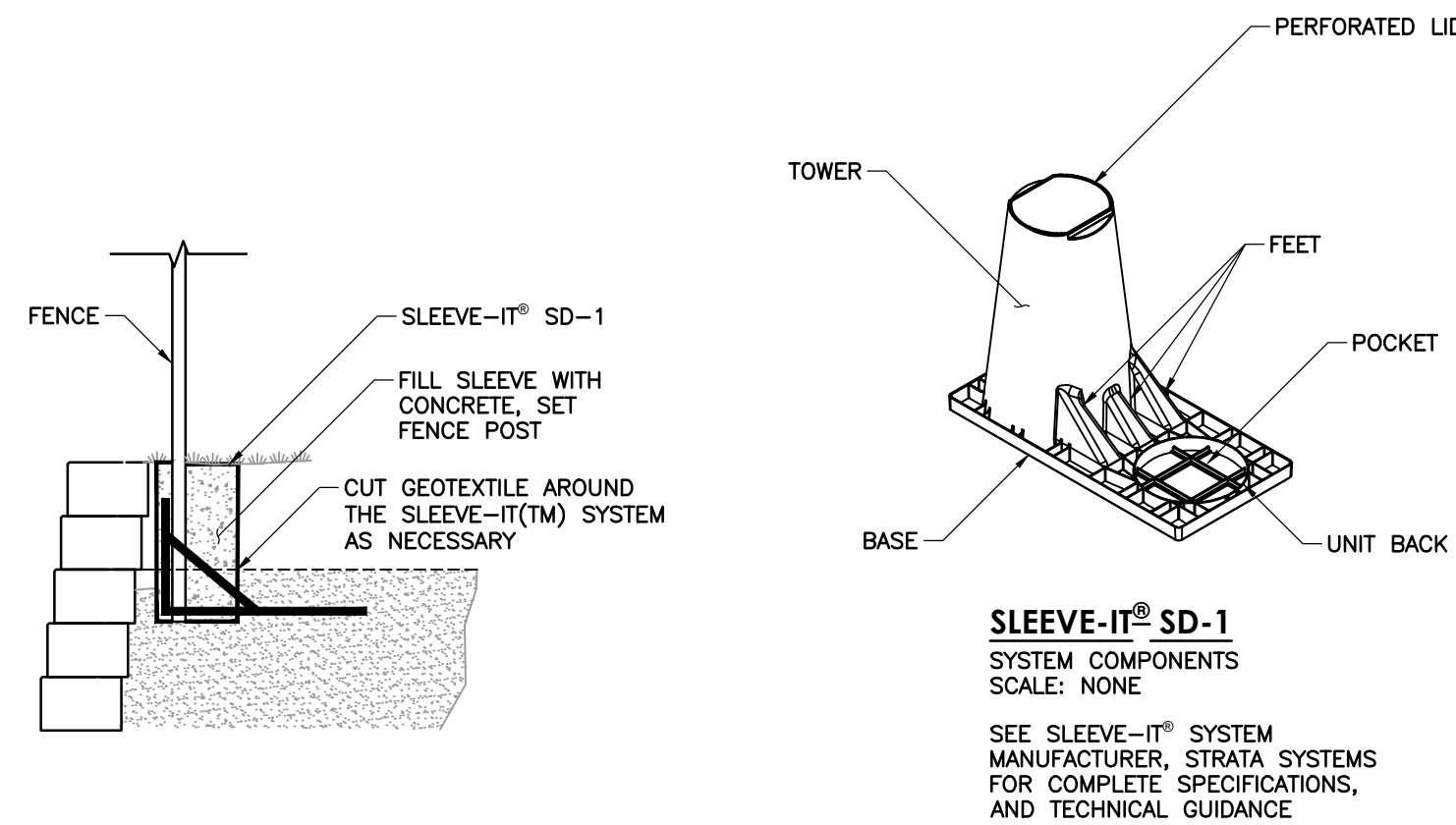


DETAIL 4
COLLECTOR AND OUTLET DRAIN
N.T.S.

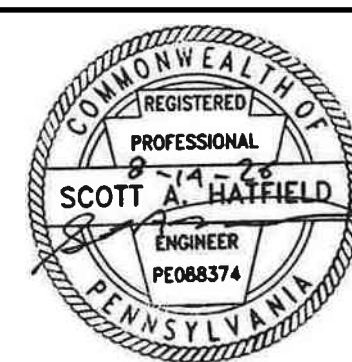


- AVAILABLE WITH:
- 28" BLOCKS, 41" BLOCKS, AND 60" BLOCKS
 - 28" PC BLOCKS (SHOWN HERE) AND 41" PC BLOCKS

DETAIL 5
BLOCK-TO-BLOCK SETBACK
N.T.S.



DETAIL 6
SLEEVE-IT FOOTING SYSTEM
N.T.S.



DRAWING NO.:

GT-03

WALL DETAILS

DATE: AUGUST 2026 DRAWN BY: EAH
DWG SCALE: 1"=10' CHECKED BY: TAB
PROJECT NO: 353-024
APPROVED BY: SAH

MERCER NODE, LLC
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REVISION RECORD

DESCRIPTION

NO. DATE

ENGINEERING AND LANDSCAPE ARCHITECTURE IN THE STATE OF NORTH CAROLINA WILL BE PROVIDED BY CEC SURVEYING AND LANDSCAPE ARCHITECTS OF N.C., P.L.L.C. SERVICES IN PUERTO RICO WILL BE PROVIDED BY CEC SURVEYING AND LANDSCAPE ARCHITECTS OF P.R., P.L.L.C. ARCHITECTURE SERVICES IN THE STATE OF OHIO WILL BE PROVIDED BY CEC LANDSCAPE ARCHITECTS, L.L.C.