



Know what's below
Call before you dig

TEMPORARY SAFETY FENCE SHALL BE INSTALLED MEETING CURRENT O.S.H.A. STANDARDS UNTIL PERMANENT FENCE (DESIGNED AND PROVIDED BY OTHERS) IS INSTALLED. ENGINEERED EARTH SOLUTIONS, LLC. IS RESPONSIBLE FOR THE REINFORCED EARTH STRUCTURE ONLY. ALL SAFETY RESTRAINT SYSTEMS (FENCES, GUARDRAILS, BALLARDS, ETC.) SHALL BE DESIGNED BY THE CIVIL SITE DESIGNER.

NOTE: SOIL BERMS AND DRAINAGE SWALES SHALL BE CONSTRUCTED AS NECESSARY TO PREVENT SURFACE WATER FROM OVERTOPPING WALL FACE DURING AND AFTER CONSTRUCTION.

TRIM FILTER FABRIC AFTER VEGETATION AND/OR PAVEMENT IS IN PLACE BEHIND WALL.

WALL LOCATION AS SHOWN ON CIVIL PLANS

MODULAR BLOCK UNIT (FILL CORE W/ CRUSHED / ANGULAR #57 STONE)

EXTEND GEOGRID REINFORCEMENT TO BE VISIBLE ON THE OUTSIDE OF THE WALL FACE BUT NOT EXTENDING BEYOND LOWER BLOCK COURSE FACE

REINFORCEMENT EXTENDING BEYOND THE BACK OF BLOCK UNITS SHALL BE HORIZONTAL AND NOT BE ALLOWED TO TURN DOWN BEHIND REAR EDGE OF BLOCK.

BATTER* (SEE RW1 FOR OPTIONS)

12" MIN. CRUSHED / ANGULAR #57 STONE

SURVEYOR SHALL ADJUST THE BOTTOM OF WALL LOCATION TO ACCOUNT FOR WALL BATTER.

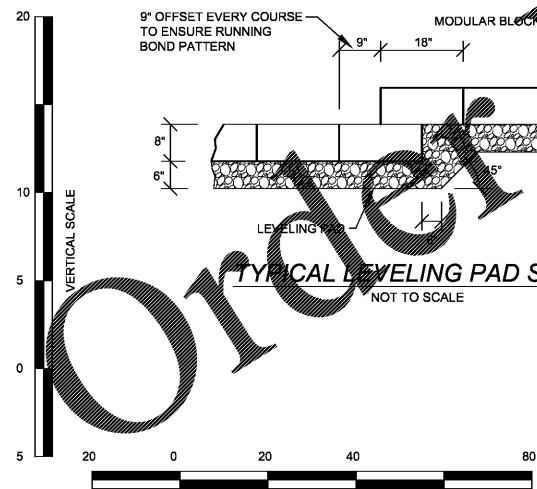
FINISHED GRADE
EMBEDMENT VARIES (SEE ELEVATION VIEW)

LEVELING PAD (SEE DETAILS)

TYPICAL CROSS SECTION

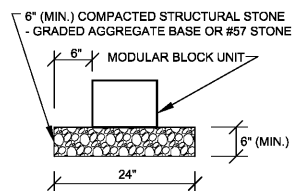
NOT TO SCALE

FOUNDATION REMEDIATION AS REQUIRED BY ON-SITE GEOTECHNICAL ENGINEER TO OBTAIN STABLE WORKING PLATFORM MEETING THE PARAMETERS IN NOTE 5.0 (SHEET RW1). VERIFICATION OF BEARING CAPACITY (NOTE 5.0, SHEET RW1) MUST BE APPROVED BY THE ON-SITE GEOTECHNICAL ENGINEER.



TYPICAL LEVELING PAD STEP

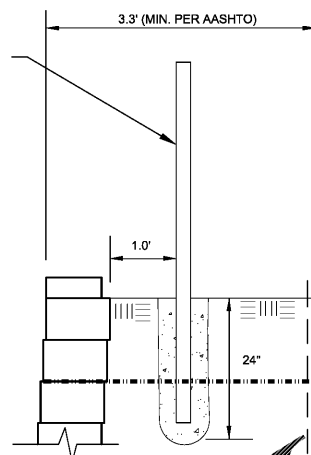
NOT TO SCALE



LEVELING PAD CROSS-SECTION

NOT TO SCALE

PERMANENT PEDESTRIAN FENCE POST SECURED IN CONCRETE (AUGER 6" MAX. HOLE THROUGH GEOGRID OR INSTALL 6" SONOTUBE DURING WALL CONSTRUCTION, 4' O.C. MIN.)



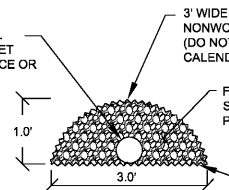
TYPICAL FENCE POST/GUARD RAIL INSTALLATION

NOT TO SCALE

GUIDE RAIL (REQUIREMENT FOR GUIDE RAIL AND LOCATION IS TO BE DETERMINED BY THE CIVIL SITE DESIGNER.)

INSTALLATION OF STEEL "H" SECTION MAY BE PNEUMATICALLY DRIVEN THROUGH POLYMER GEOGRID AS REQUIRED. WOOD POSTS MUST BE PLACED INTO SONOTUBE INSTALLED DURING THE BACKFILL PLACEMENT.

4" SLOTTED DRAIN PIPE OR EQUAL (SLOPE 2% MIN. TO OUTLET, OUTLET EVERY 50' O.C THROUGH WALL FACE OR DESIGNATED STORM DRAIN)

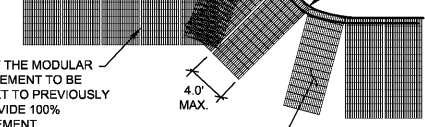


COLLECTOR DRAIN

NOT TO SCALE

*ONLY REQUIRED IN WALLS OVER 10' IN HEIGHT

IN RADII ALL GEOGRID MUST BE PERPENDICULAR TO WALL FACE
4.0' MAX. INDIVIDUAL WIDTHS
3' MIN. SOIL BETWEEN GEOGRID OVERLAP
WALL FACE



PRIMARY GEOGRID PLACEMENT ON CURVES

NOT TO SCALE

IN STRAIGHT SECTIONS OF THE MODULAR WALL GEOGRID REINFORCEMENT TO BE PLACED IMMEDIATELY NEXT TO PREVIOUSLY PLACED GEOGRID TO PROVIDE 100% COVERAGE OF REINFORCEMENT

PLACE REINFORCEMENT SECTION PERPENDICULAR TO WALL FACE

THIS DESIGN IS BASED UPON SPECIFIC PROPERTIES OF MATERIALS WHICH ARE PROPRIETARY. ANY SUBSTITUTION OF THE SPECIFIED PRODUCTS OR CHANGE IN STRUCTURE GEOMETRY WILL INVALIDATE THIS DESIGN. THIS DRAWING IS BEING FURNISHED FOR USE ON THIS SPECIFIC PROJECT ONLY. ANY PARTY ACCEPTING THIS DOCUMENT DOES SO IN CONFIDENCE AND AGREES THAT IT SHALL NOT BE DUPLICATED, IN WHOLE OR IN PART, NOR DISCLOSED TO OTHERS WITHOUT THE CONSENT OF ENGINEERED EARTH SOLUTIONS, LLC. THIS DRAWING, DESIGN NOTES, AND ASSOCIATED CALCULATIONS HAVE BEEN PREPARED BY ENGINEERED EARTH SOLUTIONS, LLC. FROM INFORMATION PROVIDED BY OTHERS. FINAL DETERMINATION OF THE SUITABILITY OF ANY INFORMATION CONTAINED HEREIN IS THE RESPONSIBILITY OF THE USER.

COPYRIGHT © 2018 ENGINEERED EARTH SOLUTIONS, LLC.

REVISION/ISSUE

NO.	DATE	DESCRIPTION
1	02/23/18	ISSUE FOR CONSTRUCTION

DRAIN BY: CWL
DESIGNED BY: CWL
CHECKED BY: LGP
DATE: 02/23/18
SCALE:
AS NOTED

RaceTrac
RACETRAC PETROLEUM, INC.
3225 CUMBERLAND BOULEVARD
SUITE 100 ATLANTA, GA 30339
(770) 431-7600
CLIENT

ENGINEERED EARTH SOLUTIONS, LLC
441 CREEKSTONE RIDGE
WOODSTOCK, GEORGIA 30188
TEL: (770) 592-2950 FAX: (770) 592-2953
EMAIL: ENGINEERING@EESOLS.COM
ENGINEER@EARTH SOLUTIONS.COM



ENGINEER

RACETRAC #1301

GEORGIA

PEACHTREE CORNERS

DETAIL SHEET

SHEET
RW3
OF 4

PROJECT NO.: W18-0064