

Standard Patterns - Uses all blocks in the collection. Patterns are 10 ft. sections (3 m).

Life Patterns - Uses the small blocks in the collection. Patterns are 10 ft. sections (3 m).

1. AB Driver	4. AB Classic	7. AB Classic	10. AB Classic	13. AB Classic	16. AB Classic
2. AB Classic	5. AB Classic	8. AB Classic	11. AB Classic	14. AB Classic	17. AB Classic
3. AB Classic	6. AB Classic	9. AB Classic	12. AB Classic	15. AB Classic	18. AB Classic

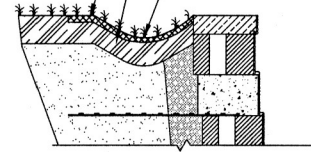
Note: Maximum recommended gravity wall height for Life Patterns is 3 ft. (0.9 m).

ALLAN BLOCK PATTERN WALL DETAILS

SCALE: NONE

SITE CONTRACTOR TO INSTALL 8 INCH MIN LOW PERMEABLE SOIL IMMEDIATELY AFTER WALL CONSTRUCTION

EROSION CONTROL MATTING TO BE DETERMINED AND INSTALLED BY SITE CONTRACTOR

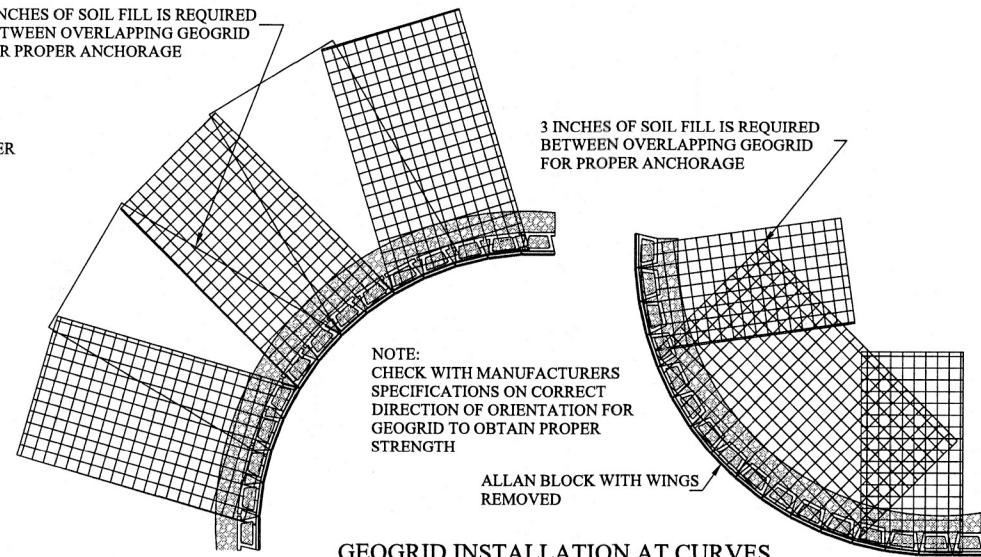


DRAINAGE SWALE DETAIL (AS NEEDED)

SCALE: NONE

3 INCHES OF SOIL FILL IS REQUIRED BETWEEN OVERLAPPING GEOGRID FOR PROPER ANCHORAGE

SITE CONTRACTOR TO INSTALL 8 INCH DEEP MIN GRASS DRAINAGE SWALE AS NEEDED TO INTERCEPT AND DIVERT EXCESSIVE SURFACE WATER FROM OVER TOPPING THE RETAINING WALL

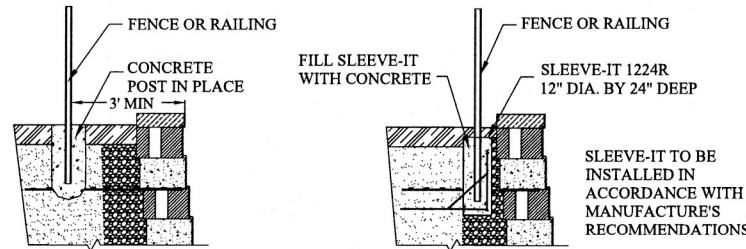


NOTE: CHECK WITH MANUFACTURERS SPECIFICATIONS ON CORRECT DIRECTION OF ORIENTATION FOR GEOGRID TO OBTAIN PROPER STRENGTH

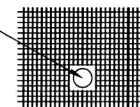
ALLAN BLOCK WITH WINGS REMOVED

GEOGRID INSTALLATION AT CURVES

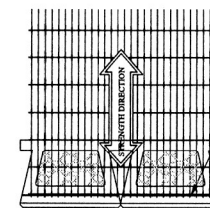
SCALE: NONE



CUT GRID AND PLACE TUBE OR FORMS PRIOR TO PLACING ADDITIONAL FILL



CUT SUCCESSIVE LAYERS OF GEOGRID AROUND PROPOSED FENCE POST INSTALLATION POINTS AND SET CONCRETE TUBE OR FORMS DURING WALL CONSTRUCTION. DO NOT DRILL THROUGH GEOGRID. CHECK FENCE DESIGN FOR EMBEDMENT DEPTH OF FENCE POST



GEOGRID IS TO BE PLACED ON LEVEL BACKFILL AND EXTENDED TO FRONT FACE OF UNITS. PLACE NEXT UNIT. PULL GRID TAUGHT AND BACKFILL. STAKE AS REQUIRED.

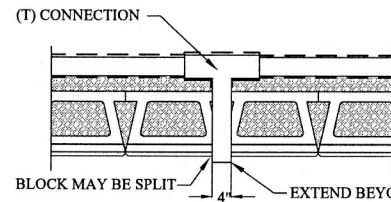
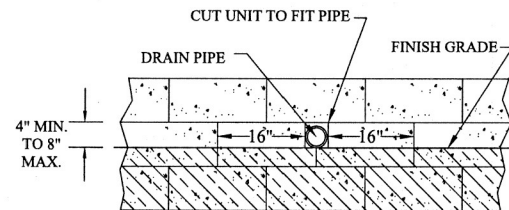
GRID CONNECTION

SCALE: NONE

RAILING REQUIREMENTS FOR THE RETAINING WALL SHALL BE DETERMINED BY THE SITE CIVIL ENGINEER AND OWNER. THE RAILING SHOULD BE DESIGNED IN ACCORDANCE WITH THE NORTH CAROLINA BUILDING CODE BY A REGISTERED DESIGN PROFESSIONAL, SUCH THAT IT DOES NOT ADD ANY ADDITIONAL LATERAL FORCES TO THE RETAINING WALL. THE CONCRETE TUBES OR SLEEVE-IT FORMS FOR THE RAILINGS SHALL BE INSTALLED BY THE SITE CONTRACTOR AND COORDINATED WITH THE RETAINING WALL CONTRACTOR DURING CONSTRUCTION OF THE RETAINING WALL.

TYPICAL HAND RAILING DETAIL

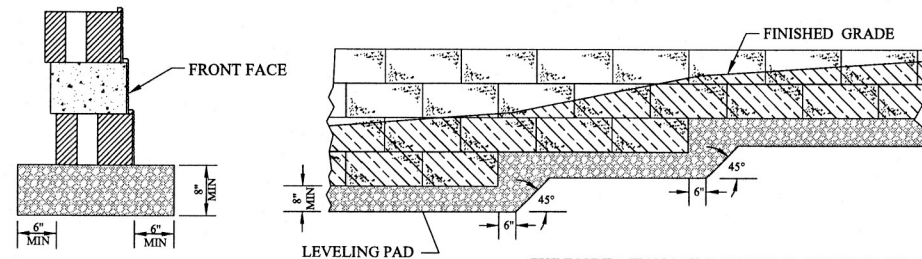
SCALE: NONE



NOTE: LOCATE DRAIN TILE AT LOWEST ELEVATION ABOVE ADJACENT FINISH GRADE.

FACE OUTLET DRAIN DETAIL

SCALE: NONE

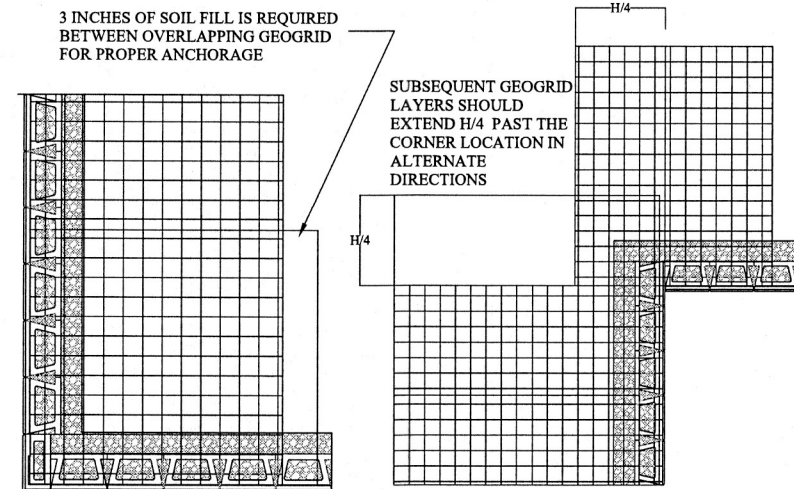


THE LEVELING PAD IS TO BE CONSTRUCTED OF TAMPED NO. 57 STONE, COMPACTED ABC STONE, OR UNREINFORCED CONCRETE.

LEVELING PAD DETAILS

SCALE: NONE

THE FOUNDATION SOILS ARE TO BE APPROVED BY THE SITE GEOTECHNICAL ENGINEER PRIOR TO THE PLACEMENT OF THE LEVELING PAD



3 INCHES OF SOIL FILL IS REQUIRED BETWEEN OVERLAPPING GEOGRID FOR PROPER ANCHORAGE

SUBSEQUENT GEOGRID LAYERS SHOULD EXTEND H/4 PAST THE CORNER LOCATION IN ALTERNATE DIRECTIONS

NOTE: CHECK WITH MANUFACTURERS SPECIFICATIONS ON CORRECT DIRECTION OF ORIENTATION FOR GEOGRID TO OBTAIN PROPER STRENGTH

GEOGRID INSTALLATION AT CORNERS

SCALE: NONE

ALLAN BLOCK CLASSIC UNIT DETAILS

REV	DATE	DESCRIPTION

ISSUED FOR CONSTRUCTION
3-21-2022
DRAWN BY: BDH
DESIGNED BY: BDH
REVIEWED BY:

WELLONS RESIDENCE

1290 KEITH HILLS ROAD
LILLINGTON, NORTH CAROLINA
MARVEL PROJECT NO. 22-13490

SEAL



PO BOX 1955
GARNER, NORTH CAROLINA 27529
(919) 812-1375 • LICENSE NO. P-1332

SHEET

RW-4.0

4 OF 5