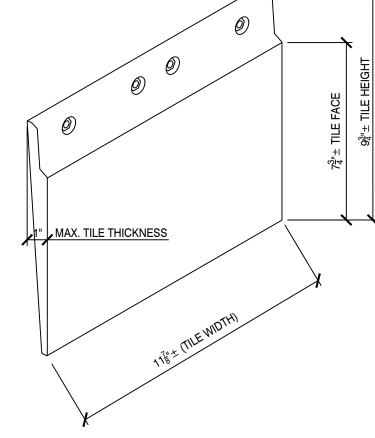
NEXCLAD TRUE TERRACOTTA TILE SPECIFICATIONS:

OVERALL TILE SIZE: $11\frac{7}{8}$ " WIDE x $9\frac{3}{4}$ " HIGH

TILE EXPOSURE: 12" WIDE x 8" HIGH NOMINAL EXPOSURE

AVERAGE WEIGHT: 8.15 LBS/SQ. FT. (NOTE: WEIGHTS OF ACTUAL TILE MAY VARY BY +/- 10% OF THE AVERAGE WEIGHT REFERENCED ABOVE)



NEXCLAD TRUE TILE GENERAL NOTES:

- A. THE TILE DIMENSIONS CAN VARY BECAUSE OF CLAY FIRING TEMPERATURES. BE SURE TO MEASURE TILES IN YOUR SHIPMENT TO DETERMINE THEIR AVERAGE WIDTH AND LENGTH DIMENSIONS, SO YOU CAN CHALK YOUR WALL PROPERLY. REFER TO INSTALLATION NOTES FOR ADDITIONAL INFORMATION.
- B. TILES SHOULD BE CUT WET ON THE JOB WITH A MASONRY OR TILE SAW EQUIPPED WITH A DIAMOND BLADE. SEGMENTED BLADES WILL BE THE MOST EFFICIENT. SLIGHT SURFACE CHIPPING WILL OCCUR DURING THE CUTTING OPERATION. TO MINIMIZE CHIPPING, APPLY 2" WIDE PAINTERS TAPE TO THE EXTERIOR SURFACE OF THE TILE AT THE PREDETERMINED CUT LOCATION. THE SLIDING SAW TABLE AND TUB SHOULD BE AS LARGE AS POSSIBLE TO ACCOMMODATE CUTTING THE TILES DIAGONALLY.
- C. TILES ARE EXTREMELY HARD, WHICH PROVIDES THE TILES WITH LOW MOISTURE ABSORPTION AND LONG LIFE. DRY CUTTING TECHNIQUES USED ON SOFTER TILE PRODUCTS WILL NOT WORK AS FAST WITH TERREAL'S HARD TILE. DRY CUTTING WITH A GOOD SEGMENTED "TURBO" DIAMOND BLADE IS POSSIBLE. BEST RESULTS HAVE BEEN OBTAINED USING A 4" DIAMOND TIPPED SEGMENTED BLADE MOUNTED ON A SMALL RIGHT ANGLE GRINDER MOTOR.
- *CLEANING NOTE*
- ALL CUT TILES SHOULD IMMEDIATELY BE CLEANED WITH FRESH WATER IN ORDER TO PREVENT SLURRY RESIDUE FROM DRYING ONTO THE FINISH SURFACE OF THE TERRA COTTA TILE. THIS SHOULD BE DONE PRIOR TO INSTALLATION OF THE TILE ON THE WALL.
- PLEASE REFER TO SHEET T-C1 SECTION 6 UNDER "TERRA COTTA PANEL COLOR, HANDLING AND INSTALLATION NOTES" FOR DETAILED INFORMATION ON PROTECTING AND CLEANING THE TILES DURING INSTALLATION.

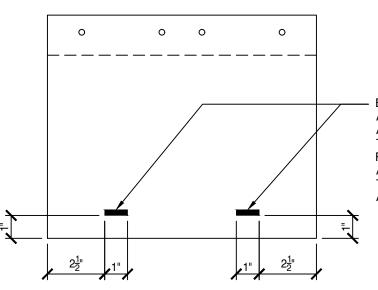


TERREAL N.A. DRAINAGE PLANE NOTES:

THE DRAINAGE PLANE ENABLES MOISTURE TO DRAIN BETWEEN THE FINISH CLADDING AND THE BUILDING'S AIR AND MOISTURE BARRIER WHILE PROMOTING AIR CIRCULATION THROUGH THE DRAINAGE PLANE CAVITIES.

PRODUCT SIZE: ¾₁₆" THICK, 50 ft. ROLL LENGTH, 31.5 in. ROLL WIDTH, 132 sf ROLL COVERAGE

- INSTALL THE DRAINAGE PLANE MATERIAL OUTBOARD OF THE AIR AND MOISTURE BARRIER, WITH THE CORRUGATION RUNNING VERTICALLY AND THE FABRIC FACING OUTWARD.
- AT THE BASE OF THE WALL, BACK WRAP THE FABRIC SKIRT TO CREATE A BUG SCREEN. ENSURE THE DRAINAGE PLANE EXTENDS DOWN OVER THE BASE FLASHING. FOR SUBSEQUENT COURSES,
- THE 4" FABRIC SKIRT WILL LAP IN A SHINGLE FASHION. THE CORRUGATED PLASTIC IS TO BE BUTTED AT THE SEAMS, BUT DOES NOT NEED TO ALIGN. DO
- NOT OVERLAP THE PLASTIC OR WRAP THE MATERIAL AROUND CORNERS. FASTEN THE DRAINAGE PLANE MATERIAL VERTICALLY AND HORIZONTALLY EVERY 24" O.C. MINIMUM WITH A HAMMER STAPLER OVER NAILABLE SURFACES. NO SCREW FASTENERS



- BACKSIDE OF TILE MUST HAVE (2) DABS OF ADHESIVE PROVIDED BY TERREAL N.A. APPROXIMATELY 1" LONG TO CONTACT THE TILE BELOW. EACH DAB SHOULD BE 1" UP FROM BOTTOM OF TILE. DO NOT INSTALL ADHESIVE IN A MANNER THAT IT RUNS ONTO THE FACE OF THE TILE BELOW. THIS DETAIL APPLIES AT ALL TILES.



**NOTE: THE ADHESIVE IS NOT USED TO AFFIX THE TERRACOTTA TILE TO THE TILE BELOW, IT IS ONLY USED TO REDUCE THE POTENTIAL "CHATTERING" OF THE TILE DURING HIGH WIND EVENTS.

NEXCLAD TRUE TILE INSTALLATION NOTES:

FIELD MEASUREMENTS OF THE WALL SHOULD BE TAKEN TO VERIFY WITH THE DIMENSIONS AND LAYOUT SHOWN ON THE TERRACOTTA SHOP DRAWINGS. LAYOUT AND CHALKING THE WALL ACCURATELY ARE CRITICAL TO THE WALL'S PERFORMANCE AND APPEARANCE. CHECK THE OVERALL WALL TO DETERMINE IF IT IS SQUARE AND PLUMB.

TYPICAL NEXCLAD TRUE TILE INSTALLATION IS UNIQUE IN THAT THE TILES ARE INSTALLED STARTING AT THE MID-POINT OF THE WALL AND PROCEEDING IN A LEFT AND RIGHT DIRECTION THIS MAY VARY HOWEVER IF A PROJECT IS USING THE NEXCLAD TRUE CORNER TILES. REFER TO PROJECT SPECIFIC SHOP DRAWING WALL ELEVATIONS AND DETAILS FOR CLARIFICATION.

NEXCLAD TRUE TILES ARE INSTALLED WITH A TYPICAL HEADLAP OF 1¾"±. BEFORE CHALKING THE WALL THE INSTALLER SHOULD VERIFY THE TILE PATTERN BEING INSTALLED, AND MEASURE, NOTING AVERAGE LENGTH AND WIDTH EXPOSURES OF THE TILE SHIPPED. THE WIDTH EXPOSURE SHOULD ALSO INCLUDE THE SPACING GAP BETWEEN TILES. NEXCLAD TRUE TILES ARE TYPICALLY INSTALLED WITH A GAP OF 1/8"; HOWEVER, THIS CAN BE EXPANDED SLIGHTLY. REFER TO TILE SPECIFICATIONS FOR ACTUAL TILE HEIGHT AND WIDTH DIMENSIONS AND EXPOSURE HEIGHT AND WIDTH. REFER TO TYPICAL INSTALLATION DETAIL 2/T-D1 FOR CLARIFICATION.

CHALKING VERTICAL LINES SHOULD START AT THE MID-POINT OF THE WALL. TILES ARE INSTALLED IN A STAGGERED, RUNNING BOND PATTERN SO A VERTICAL LINE FOR HALF OF A TILE SHOULD BE CHALKED FIRST. THE NEXT CHALK LINE TO THE LEFT AND RIGHT SHOULD BE STRUCK EQUAL TO HALF A TILE WIDTH PLUS THE AVERAGE TILE WIDTH EXPOSURE x FIVE (5) TILES. (EXAMPLE: $5^{15}/_{6}$ " (HALF TILE WIDTH) + 12" TILE WIDTH EXPOSURE x 5 = 5'- $5^{15}/_{6}$ "). THE REMAINING VERTICAL CHALK LINES SHOULD BE STRUCK AT INTERVALS EQUAL TO THE AVERAGE TILE WIDTH EXPOSURE x FIVE (5) TILES. (EXAMPLE: 12" TILE WIDTH EXPOSURE x 5 = 5'-0"). CARE MUST BE TAKEN TO ENSURE THAT ALL VERTICAL CHALK LINES ARE PLUMB. *NOTE: THESE VERTICAL CHALK LINES ARE FOR REFERENCE ONLY AS A GENERAL GUIDE IN THE WALL TILE LAYOUT AND THE SPACING OF THE TILES MAY BE ADJUSTED SLIGHTLY DUE TO FIELD

HORIZONTAL LINES SHOULD BE STRUCK AFTER COMPLETION OF THE VERTICAL LINES. AT THE BASE OF THE WALL STRIKE A CHALK LINE FOR THE TOP OF THE CONTINUOUS 1x3 PRESSURE TREATED WOOD BLOCKING 3" ABOVE THE REFERENCE ELEVATION NOTED ON THE SHOP DRAWINGS. FOR THE REMAINING HORIZONTAL LINES, A STRING LINE OR CHALK LINE MAY BE USED (A CHALK LINE WILL BE REFERENCED IN THESE NOTES). THE FIRST FIELD TILE HORIZONTAL CHALK LINE SHOULD BE UP 7¾" FROM THE REFERENCE ELEVATION NOTED ON THE SHOP DRAWINGS. THIS LINE WILL LOCATE THE "SIGHT LINE" FOR THE FIRST ROW OF TILES AND WILL PROVIDE THE APPROXIMATE 1/2" OVERLAP BELOW AT THE WOOD BLOCKING. NOTE: THE ACCURACY OF THIS FIRST CHALK LINE FOR THE TILES IS CRITICAL TO THE LAYOUT OF TH REMAINDER OF THE WALL. CARE MUST BE TAKEN TO ENSURE THAT ALL HORIZONTAL CHALK LINES ARE LEVEL. SUCCESSIVE HORIZONTAL LINES ARE THEN STRUCK AT INTERVALS EQUAL TO THE AVERAGE TILE HEIGHT EXPOSURE OF 8"±. REFER TO TYPICAL INSTALLATION DETAIL 2/T-D1

NEXCLAD TRUE TILES SHOULD THEN BE INSTALLED STARTING AT THE MID-POINT CHALK LINE WITH THE FIRST TILE CENTERED ON THE LINE. PERIODICALLY CHECK TO ENSURE THE FIRST ROW OF TILES ARE INSTALLED ON A LEVEL PLANE. IT IS RECOMMENDED TO INSTALL THE SUBSEQUENT ROWS OF TILE THE FULL LENGTH OF THE WALL BEFORE STARTING THE NEXT ROW OF TILES. FIELD TILES SHOULD BE INSTALLED SIMULTANEOUSLY ON EITHER SIDE OF THE MID-POINT CHALK LINE. DO NOT INSTALL ALL THE TILES ON JUST ONE SIDE OF THE MID-POINT CHALK LINE PRIOR TO COMPLETING THE OTHER SIDE BECAUSE THIS COULD RESULT IN NOTICEABLE TILE JOINT AND TILE BLENDING INCONSISTENCIES. AFTER COMPLETION OF THE FIRST (3) ROWS, CHECK TO ENSURE THERE IS A GOOD RUNNING BOND PATTERN AND THE WALL IS WELL BALANCED AT THE BEGINNING OF THE INSTALLATION. CONTINUE THIS PERIODIC REVIEW AND CHECK THROUGHOUT THE ENTIRE INSTALLATION OF THE WALL TILES TO ENSURE THEY ARE BEING INSTALLED IN A LEVEL, PLUMB MANNER THAT IS CONSISTENT THROUGHOUT. THIS WILL ALSO FACILITATE COLOR BLENDING OF THE TILES (SEE COLOR BLENDING NOTES ON THIS SHEET FOR ADDITIONAL INSTRUCTIONS).

AT THE CORNER OR END OF A WALL, THE TYPICAL INSTALLATION DETAILS WILL VARY, PLEASE REFER TO THE SHOP DRAWINGS FOR PROJECT SPECIFIC DETAILS AND SECTIONS. ANY CORNER CONDITION MAY REQUIRE FIELD CUTTING OF THE LAST FIELD TILE IN A ROW. CARE SHOULD BE TAKEN TO ENSURE THAT THE REMAINING TILE PIECE IS LARGE ENOUGH FOR INSTALLATION. THE PREFERRED MINIMUM CUT TILE WIDTH IS 3" BASED SOLELY ON VISUAL APPEAL. HOWEVER, SMALLER WIDTHS CAN BE USED BASED ON FIELD CONDITIONS. PLEASE SEE VERTICAL CUT TILE DETAIL 4/T-D1 FOR ADDITIONAL INFORMATION. IT IS ACCEPTABLE TO MINIMIZE SMALL TILE WIDTHS. BY REVIEWING THE HORIZONTAL ROW APPROXIMATELY 16 TO 24 TILES FROM THE END OF THE WALL AND COMPARE THE REMAINING DISTANCE TO THE WIDTH EXPOSURE OF THE TILES. THIS WILL HELP TO DETERMINE IF A "SLIGHT" STRETCHING OF THE TILE SPACING MAY BE REQUIRED TO ENSURE THE LAST TILE IN THE ROW FITS APPROPRIATELY WITH THE CORNER OR END CONDITION, HOWEVER, DO NOT PULL TO THE EXTREME ANY MORE THAN 5 OR 6 TILES POSITIONED SIDE BY SIDE. THE MAXIMUM AMOUNT OF "SHIFTING" ALLOWED PER TILE IS $\frac{1}{16}$ "(+). SEE SHOP DRAWING DETAILS FOR PROJECT SPECIFIC CONDITIONS.

EACH NEXCLAD TRUE TILE IS PROVIDED WITH FOUR (4) FASTENING HOLES WHICH ALLOWS FLEXIBILITY IN THE INSTALLATION OF FASTENERS IN FIELD CUT TILES. WHEN INSTALLING FIELD TILES, CARE SHOULD BE TAKEN TO FASTEN EACH TILE WITH TWO (2) STAINLESS STEEL FASTENERS, EQUALLY SPACED (OR BALANCED) ON THE TILE. REFER TO FASTENER SCHEDULE FOR TYPE OF FASTENERS REQUIRED AND TYPICAL FASTENER INSTALLATION DIAGRAM FOR PROPER INSTALLATION.

REFER TO ADDITIONAL NOTES AND DETAILS ON THIS SHEET FOR FURTHER DETAILED INSTALLATION INSTRUCTIONS.

THIS VERTICAL DIMENSION CAN VARY 16"± MAXIMUM STRING LINE ON THE -TO ACCOMMODATE OUTERMOST EDGE OF COURSING OUT WITH THE TILE FOR ALIGNMENT WALL OPENINGS, ETC. OF EACH TILE COURSING THIS TILE JOINT DIMENSION CAN INCREASE, BUT ONLY CHALK LINE ON THE FACE OF TO 1 MAXIMUM. THIS THE WALL FOR ALIGNMENT SHOULD ONLY BE DONE AS OF EACH TILE COURSING NEEDED TO AVOID A "SLIVER" OF TILE AT THE THIS OUTER EDGE OF END OF A WALL. THE TILE SHOULD BE TERRA COTTA -THE "SIGHT LINE" FOR VISUAL ALIGNMENT OF BOTH THE VERTICAL AND HORIZONTAL SPACING. REFERENCE ELEVATION AT BASE-OF WALL PER WALL ELEVATIONS 1) A STRING LINE AND/OR CHALK LINE IS ACCEPTABLE METHODS FOR LAYOUT OF THE WALL TILE COURSING. 2) ALL TILES SHOULD BE INSTALLED PLUMB AND LEVEL BASED ON THE "SIGHT LINE" AS A REFERENCE POINT. HOWEVER, THE

WIDTH OF A HORIZONTAL TILE JOINT MAY VARY WITHIN THAT

JOINT DUE TO THE HAND CRAFTED ASPECTS OF THE TILES.

TYPICAL INSTALLATION DETAIL

NEXCLAD TRUE TILE COLOR BLENDING NOTES:

BLENDING: BLENDING IS ONE OF THE MOST IMPORTANT ASPECTS OF CORRECTLY INSTALLING TERREAL TERRACOTTA TILE WALL CLADDING. PLEASE SEE NOTES BELOW AND ON SHEET T-C1.

WHETHER INSTALLING A SINGLE COLOR OR MULTIPLE COLORS, ALL TERRACOTTA TILES MUST BE BLENDED.

PATTERN OR HOT SPOTS IN THE TERRACOTTA TILE INSTALLATION.

COLORS WITHIN A GIVEN SHIPMENT OF TERREAL TERRACOTTA TILES WILL VARY SLIGHTLY DUE TO SUBTLE CHANGES IN CLAY COMPOSITION AND KILN FIRING TEMPERATURES. SUCH COLOR VARIANCES ARE NOT A DEFECT BUT A NATURAL DESIRABLE FEATURE THAT GIVES TERRACOTTA TILES DEPTH AND CHARACTER. UNLESS THE ARCHITECT OR OWNER SPECIFIES A PATTERN, THERE SHOULD BE NO VISIBLE

TERREAL DOES NOT PRE-BLEND THE TERRACOTTA TILE. IT IS THE INSTALLER'S RESPONSIBILITY TO EVALUATE THE TERRACOTTA TILES FOR COLOR SHADE AND RANGE AND THEN PROPERLY BLEND THEM TO ACHIEVE A HARMONIOUS COLOR INSTALLATION WITHOUT BLOTCHES, HOTSPOTS OR PATTERNS.

THE PERSON RESPONSIBLE FOR THE BLENDING OF THE SHADES OF COLOR SHOULD RANDOMLY SELECT TERRACOTTA TILES FROM AT LEAST FOUR (4) DIFFERENT PALLETS. THE BLENDING PROCESS SHOULD INCLUDE THE CONTINUOUS INCLUSION OF PALLETS INTO THE INSTALLATION ROTATION (A SINGLE NEW PALLET SHOULD BE INSERTED INTO THE BLENDING PROCESS PRIOR TO THE MATERIAL ON THE PREVIOUS THREE (3) PALLETS BEING CONSUMED).

THROUGH THE AFOREMENTIONED BLENDING PROCESS, THE INSTALLATION WILL PROVIDE A PROPER BLEND AND A HARMONIOUS FACADE WITHOUT COLOR VARIATION GROUPING/PATTERNING. AFTER THE INSTALLATION OF ABOUT 75-100 TERRACOTTA TILES, THE INSTALLATION SHOULD BE INSPECTED FROM THE GROUND LEVEL AT A DISTANCE GREATER THAN 40 FEET TO DETERMINE THAT THERE ARE NO STREAKS OR BLOTCHES. TO ENSURE A GOOD RANGE OF TONES, THIS INSPECTION MUST BE DONE AT REGULAR INTERVALS DURING THE INSTALLATION OF THE TERRACOTTA TILES.

COLOR BLENDING WITH DIFFERENT COLOR TILE: BLENDING DIFFERENT TERRACOTTA TILE COLORS CAN PROVIDE A UNIQUE AND AESTHETICALLY PLEASING INSTALLATION.

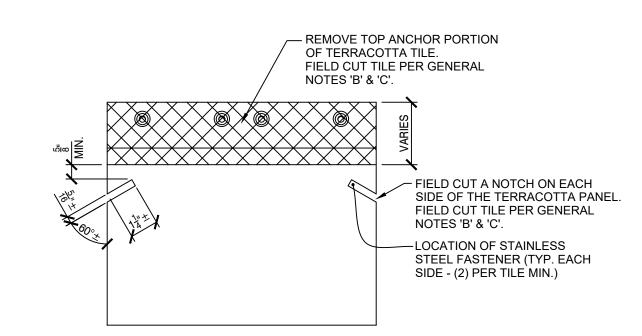
FOR TYPICAL MULTI-COLOR BLENDING PERCENTAGES. THE INSTALLER SHOULD MAKE A DRAWING TO DETAIL THE LAYOUT AND TO HELP DETERMINE THE PROPER NUMBER OF TERRACOTTA TILES OF EACH COLOR. FOR UNIQUE OR SPECIFIC BLENDING PATTERNS PROVIDED BY THE ARCHITECT, PLEASE REFER TO THE TERRACOTTA SHOP DRAWINGS FOR ADDITIONAL INFORMATION.

IN ORDER TO MAINTAIN THE CORRECT COLOR BLEND, PULL TERRACOTTA TILES FROM DIFFERENT PALLETS OF EACH COLOR AS PREVIOUSLY MENTIONED ABOVE. PREMIX THESE TILES IN THE DESIRED PERCENTAGE AND USE THIS SELECTION OF TERRACOTTA TILES FOR INSTALLATION. THIS WILL PROVIDE EVEN DISTRIBUTION. ADDITIONAL CARE SHOULD BE TAKEN BY THE INSTALLATION PERSONNEL TO AVOID CLUMPING OF A SINGLE COLOR OR RANGE.

AFTER THE INSTALLATION OF ABOUT 75-100 TILES, THE INSTALLATION SHOULD BE INSPECTED FROM THE GROUND LEVEL AT A DISTANCE GREATER THAN 40 FEET TO DETERMINE THAT THERE ARE NO STREAKS OR BLOTCHES. TO ENSURE A GOOD COLOR BLEND, THIS INSPECTION MUST BE DONE AT REGULAR INTERVALS.

NOTE: IT MAY BE HELPFUL TO LAY OUT THE TERRACOTTA TILE BLEND ON THE GROUND SO THE INSTALLER HAS A VISUAL EXAMPLE. MAKE ONE PERSON RESPONSIBLE FOR THE ONGOING AND END RESULT OF THE BLENDING.

NOTE: WHEN NEARING THE END OF THE PROJECT, IF IT'S DETERMINED THAT ADDITIONAL MATERIAL WILL BE NEEDED TO COMPLETE THE INSTALLATION, RESERVE SEVERAL PALLETS OF THE INITIAL SHIPMENT TO BLEND WITH LATER SHIPMENTS TO MAINTAIN A CONSISTENT RANGE.





FASTENER

- EXTERIOR

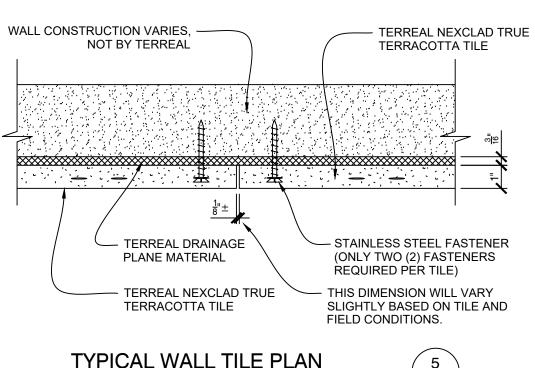
DRIVEN STRAIGHT, GOOD

SUBSTRATE

EXPOSED ON BACKSIDE OF

PENETRATION MIN. 3 THREADS

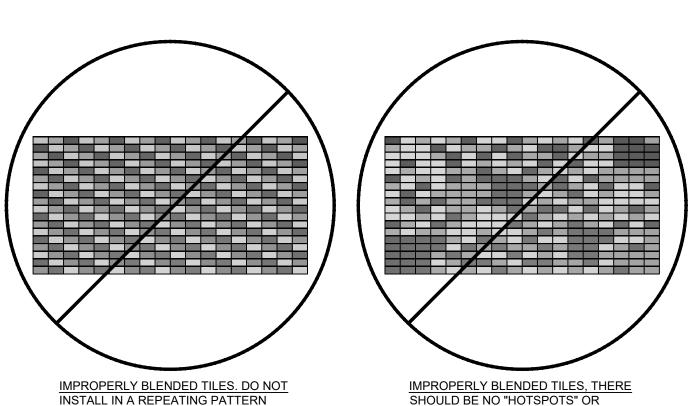
SHEATHING

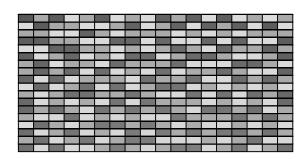


TYPICAL WALL TILE PLAN

TERRA COTTA -

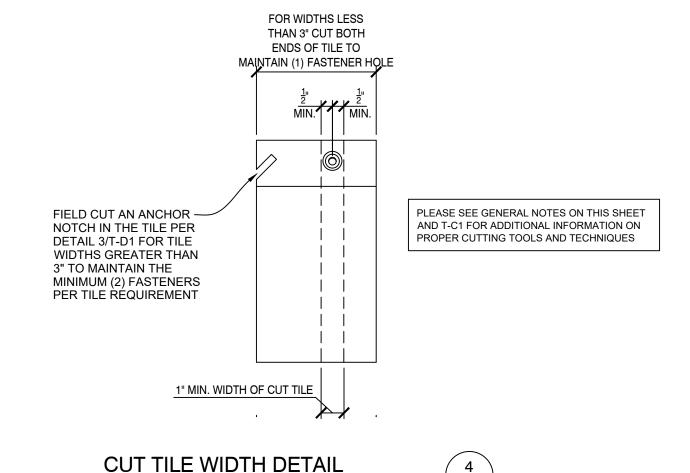
TILE



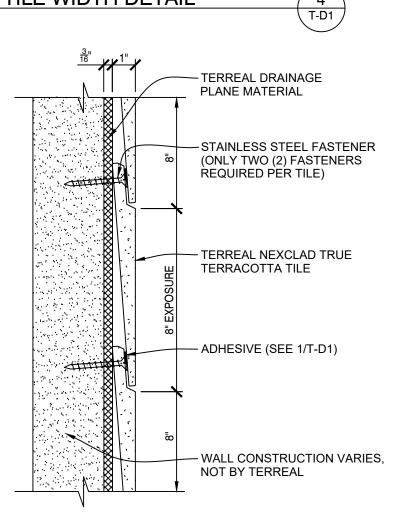


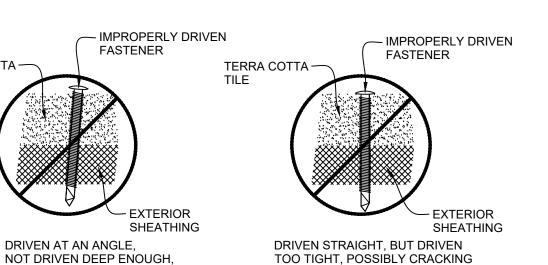
PLEASE NOTE: DETAILS SHOW BLENDING OF THREE (3) COLORS AS AN EXAMPLE ONLY. IT IS NOT PROJECT SPECIFIC.

PROPERLY BLENDED TILES



DIAGONAL PATTERNS VISIBLE





OR BREAKING THE TILE

NOTE: REFER TO ADDITIONAL NOTES AND DETAILS FOR FASTENER TYPE AND SUBSTRATE MATERIAL

INADEQUATE PENETRATION INTO



SHEATHING

