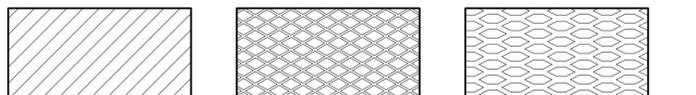


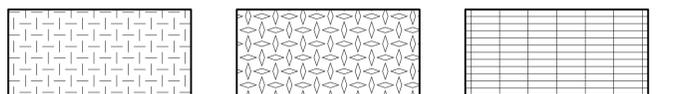
METAL PATTERNS



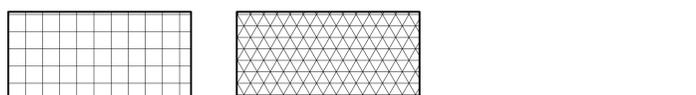
ALUMINUM (IBWC) Aluminum
BRASS (AC) Copper, Brass, or Bronze
STEEL (AC) Steel



ANSI131 (AC) Cast Iron, Iron, or Semi-Steel
EXPANDED (IBWC) Expanded Metal Grates or Rungs
PERFORATED (IBWC) Perforated Metal Grates or Rungs

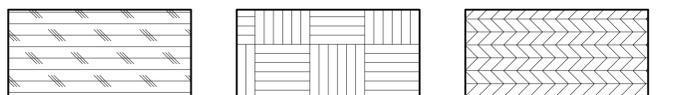


D-PLATE (IBWC) Diamond Plate
D-TREAD (IBWC) Diamond Tread
GRATE (AC) Rectangular Grating



NET (AC) Wire Mesh
NET3 (AC) Woven Wire Fencing

WOOD PATTERNS

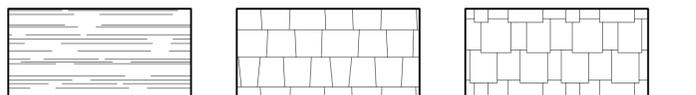


CORK (AC) Cork
AR-PARQ1 (AC) Wood Flooring
PLYWOOD (IBWC) Plywood



WOOD1 (IBWC) Finished Wood
WOOD2 (IBWC) Finished Wood

ARCHITECTURAL PATTERNS

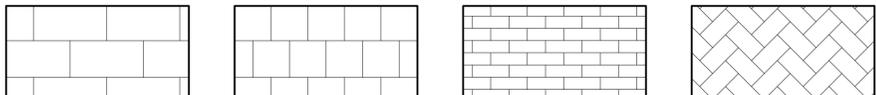


AR-ROOF (AC) Asphalt Shingles
ROOFING (IBWC) Shingles
SHAKES (IBWC) Shake Roof Tiles

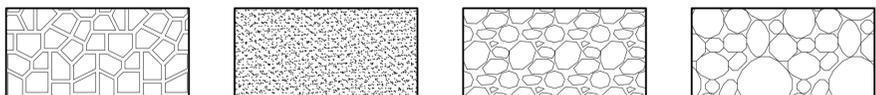


SIDING (IBWC) Wood Siding
SPANISH (IBWC) Spanish Roof Tiles
GOST-GLASS (AC) Glass

GRAVEL, ROCK, & BRICK PATTERNS



AR-B816 (AC) 8"x16" CMUs
AR-B88 (AC) 8"x8" CMUs
AR-BRSTD (AC) Standard bricks
AR-HBONE (AC) Paving stones

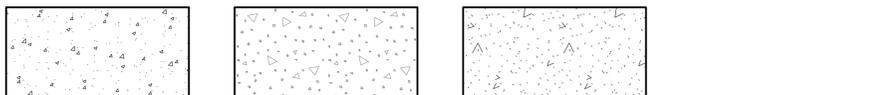


FLAGSTONE (IBWC) Flagstone
AR-SAND (AC) Sand
GRAVEL (AC) Gravel or rock type 1
IMPERVIOUS (IBWC) Gravel or rock type 2



POROUS (IBWC) Gravel or rock type 3
RIPRAP (IBWC) Riprap

CONCRETE PATTERNS

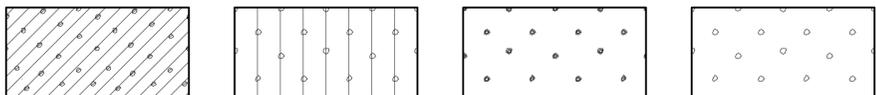


AR-CONC (AC) New concrete
CONCRETE (IBWC) Existing concrete
GROUT (IBWC) Grout or concrete in secondary placement

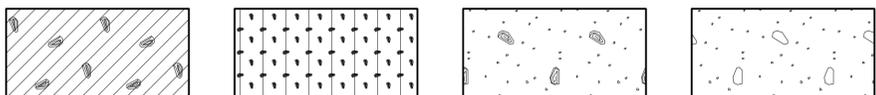
USCS PATTERNS



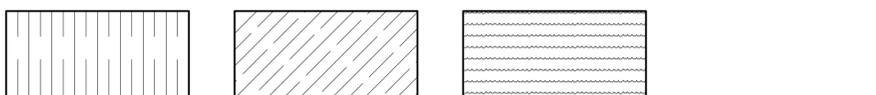
USCS02 (IBWC) CL-Low Plasticity Clay
USCS01 (IBWC) CH-High Plasticity Clay
USCS08 (IBWC) ML-Low Plasticity Silt
USCS07 (IBWC) MH-High Plasticity Silt



USCS12 (IBWC) SC-Clayey Sand
USCS13 (IBWC) SM-Silty Sand
USCS14 (IBWC) SP-Poorly Graded Sand
USCS15 (IBWC) SW-Well Graded Sand

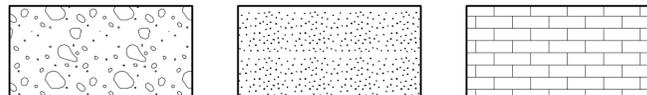


USCS03 (IBWC) GC-Clayey Gravel
USCS04 (IBWC) GM-Silty Gravel
USCS05 (IBWC) GP-Poorly Graded Gravel
USCS06 (IBWC) GW-Well Graded Gravel

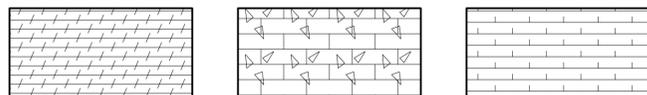


USCS10 (IBWC) OL-Low Plasticity Organic Silt
USCS09 (IBWC) OH-High Plasticity Organic Silt
USCS11 (IBWC) PT-Peat

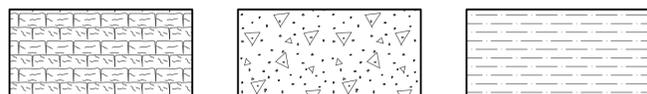
GEOLOGY PATTERNS



CONGLOMERATE (IBWC) Conglomerate
SANDSTONE (IBWC) Sandstone
AR-BRSTD (AC) Limestone



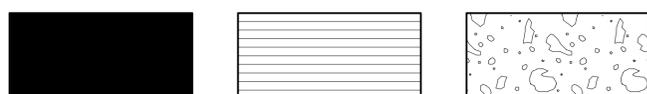
DOLOMITE (IBWC) Dolomite
CHERT (IBWC) Cherty Limestone
CHALK (IBWC) Chalk or Marl



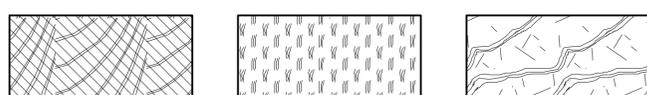
A-LIMESTONE (IBWC) Clayey, Shaley, or Argillaceous Limestone
GRAYWACKE (IBWC) Graywacke
ANSI36 (AC) Shale



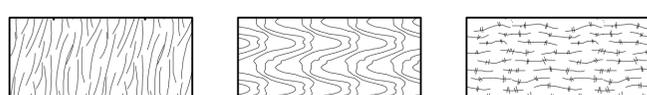
ANSI33 (AC) Sandy Shale
CLAY (AC) Clay
MUDST (AC) Mudstone or Siltstone



COAL (IBWC) Coal
LINE (AC) Carbonaceous Shale
BRECCIA (IBWC) Breccia



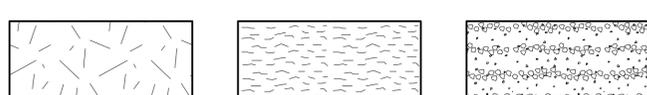
SLATE (IBWC) Slate
SOAPSTONE (IBWC) Soapstone
GNEISS (IBWC) Gneiss



SCHIST (IBWC) Schist
C-SCHIST (IBWC) Contorted Schist
ANDESITE (IBWC) Andesite



BASALT (IBWC) Basalt
DIORITE (IBWC) Diorite
GABBRO (IBWC) Gabro



GRANITE (IBWC) Granite
RHYOLITE (IBWC) Rhyolite
TUFF (IBWC) Tuff

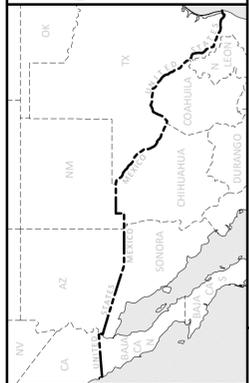
NOTES:

- These are examples of USIBWC standard hatch patterns.
- See USIBWC Drawing and CAD Standards for complete guidelines on creating drawings for USIBWC projects.
- IBWC pattern definitions contained in file IBWC_Patterns.pat.

LEGEND



HATCH PATTERN NAME
(AC) = AutoCAD system pattern
(IBWC) = IBWC provided pattern
HATCH DESCRIPTION



INTERNATIONAL BOUNDARY AND WATER COMMISSION
 UNITED STATES AND MEXICO
 UNITED STATES SECTION
 FOR USE ON ALL USIBWC PROJECTS
 STANDARD DRAWING
 DRAWING LAYOUTS

DESIGNED	ANDREA GLOVER, PE
DRAWN	ANDREA GLOVER
CHECKED	
TECHNICAL APPROVAL	
ADMIN APPROVAL	
USIBWC HQ-ESD	04-03-2018

SOLICITATION/RFP NUMBER	N/A
CONTRACT NUMBER	N/A
HATCH PATTERNS	
26442	

CAD File Name: 3D-26442-USIBWC-Hatch-Patterns.dwg
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 Plot Style Table Name: IBWC_Plot1.ctb
 Plot Scale: 1:1
 Paper Size: ANSI Full Sheet D (24.00 x 36.00 inches)
 Plot Device: DWG To PDF.pc3
 Date and Time Plotted: 4/16/2018 11:37 AM
 Date Last Saved: 4/13/2018 9:59 AM
 AutoCAD Version: 2018 (AutoCAD)
 IBWC Border V20170817