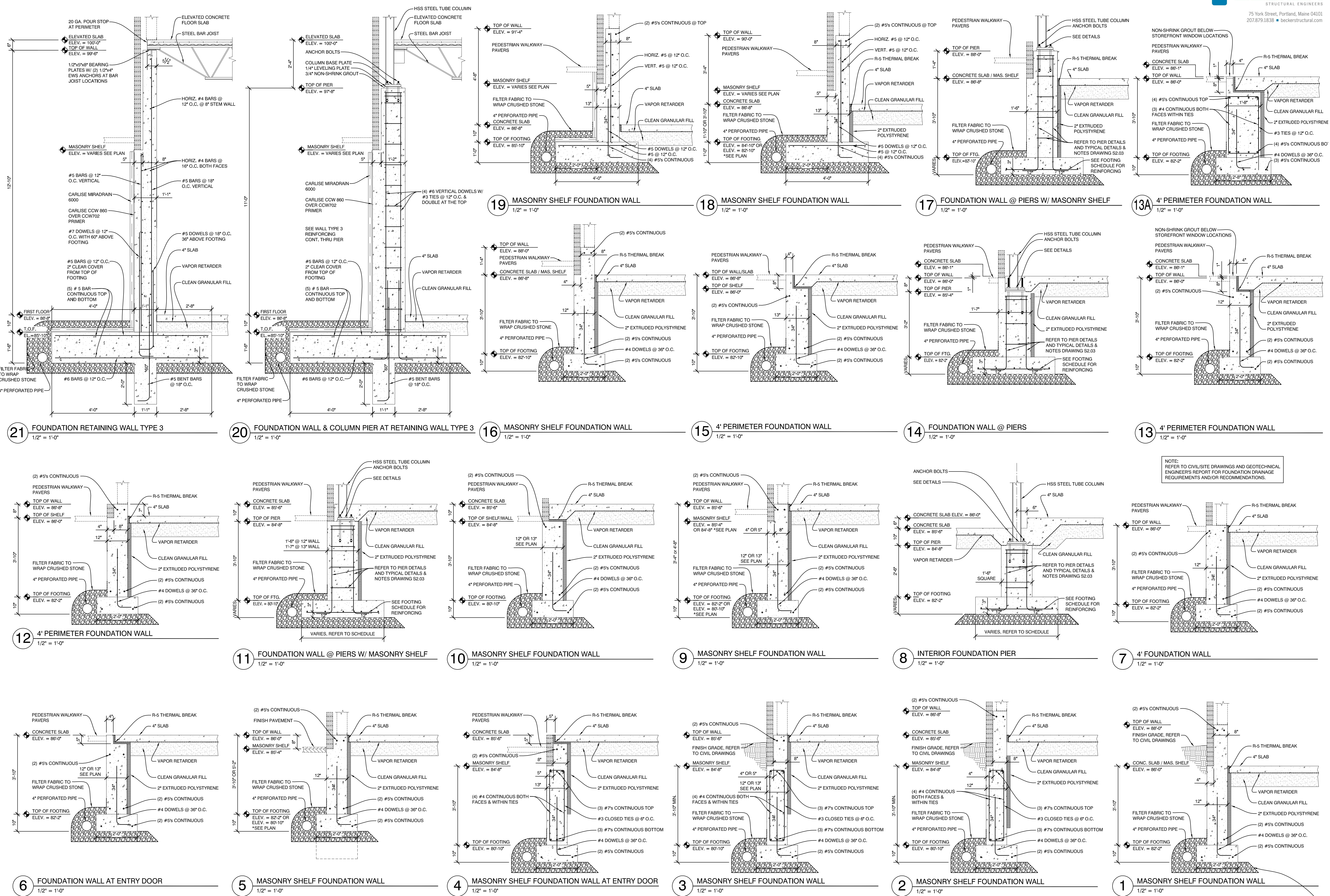


Monday, March 28, 2016 2:43:01 PM



4.5 FOUNDATION DRAINAGE
WE RECOMMEND AN UNDERDRAIN SYSTEM BE INSTALLED ON THE OUTSIDE EDGE OF THE GEOTEXTILE FABRIC WRAPPED CRUSHED STONE LAYER RECOMMENDED BELOW PERIMETER FOOTINGS. THE UNDERDRAIN PIPE SHOULD CONSIST OF 4" DIAMETER, PERFORATED SDR-35 FOUNDATION DRAIN PIPE BEDDED IN THE LAYER OF GEOTEXTILE WRAPPED CRUSHED STONE PROVIDED BELOW FOUNDATIONS. THE UNDERDRAIN PIPE MUST HAVE A POSITIVE GRAVITY OUTLET PROTECTED FROM FREEZING, CLOGGING, AND BACKFLOW. SURFACE GRADES SHOULD BE SLOPED AWAY FROM THE BUILDING FOR POSITIVE SURFACE DRAINAGE.

AT LEAST 6" OF COMPACTED CRUSHED STONE WRAPPED IN NON-WOVEN GEOTEXTILE, SUCH AS MIRAF-160N OR EQUIVALENT, SHOULD BE INSTALLED BELOW PERIMETER FOOTINGS. FOOTINGS SUPPORTED ON RAP IMPROVED GROUND SHOULD BE UNDERLAIN WITH AT LEAST 6" OF COMPACTED CRUSHED STONE.

Mixed Use Development
York & High Street
Portland, Maine

REVISION:
03/17/16 BSE CONSTRUCTION MARKUPS

ISSUED:
01/13/16 FOR STRUCTURAL REVIEW
02/24/16 FOR STRUCTURAL REVIEW
FOR BUILDING PERMIT 02/26/16
03/28/16 FOR CONSTRUCTION

project architect: KAK
drawn by: JJD

FOUNDATION DETAILS

sheet number:
S2.01