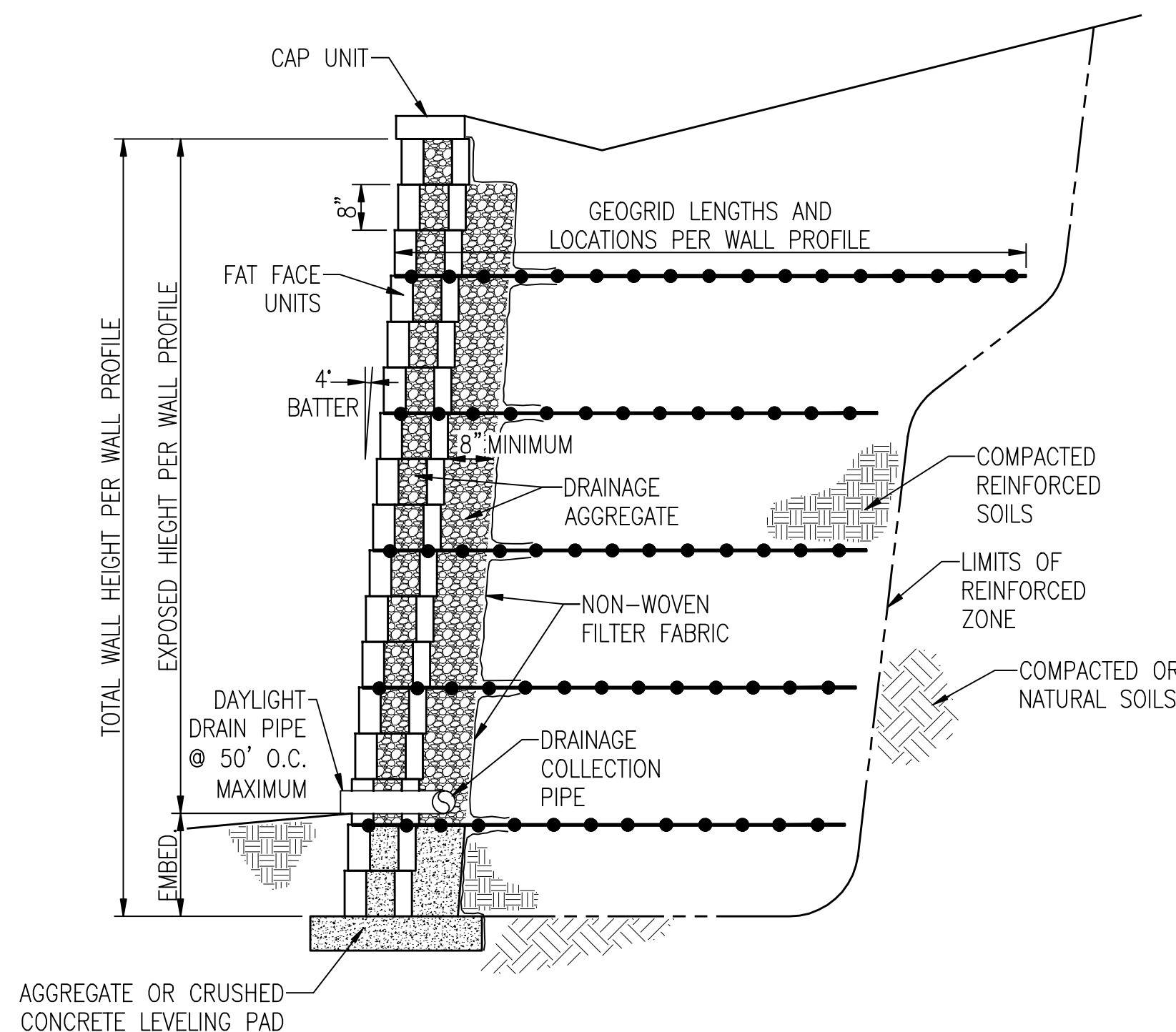
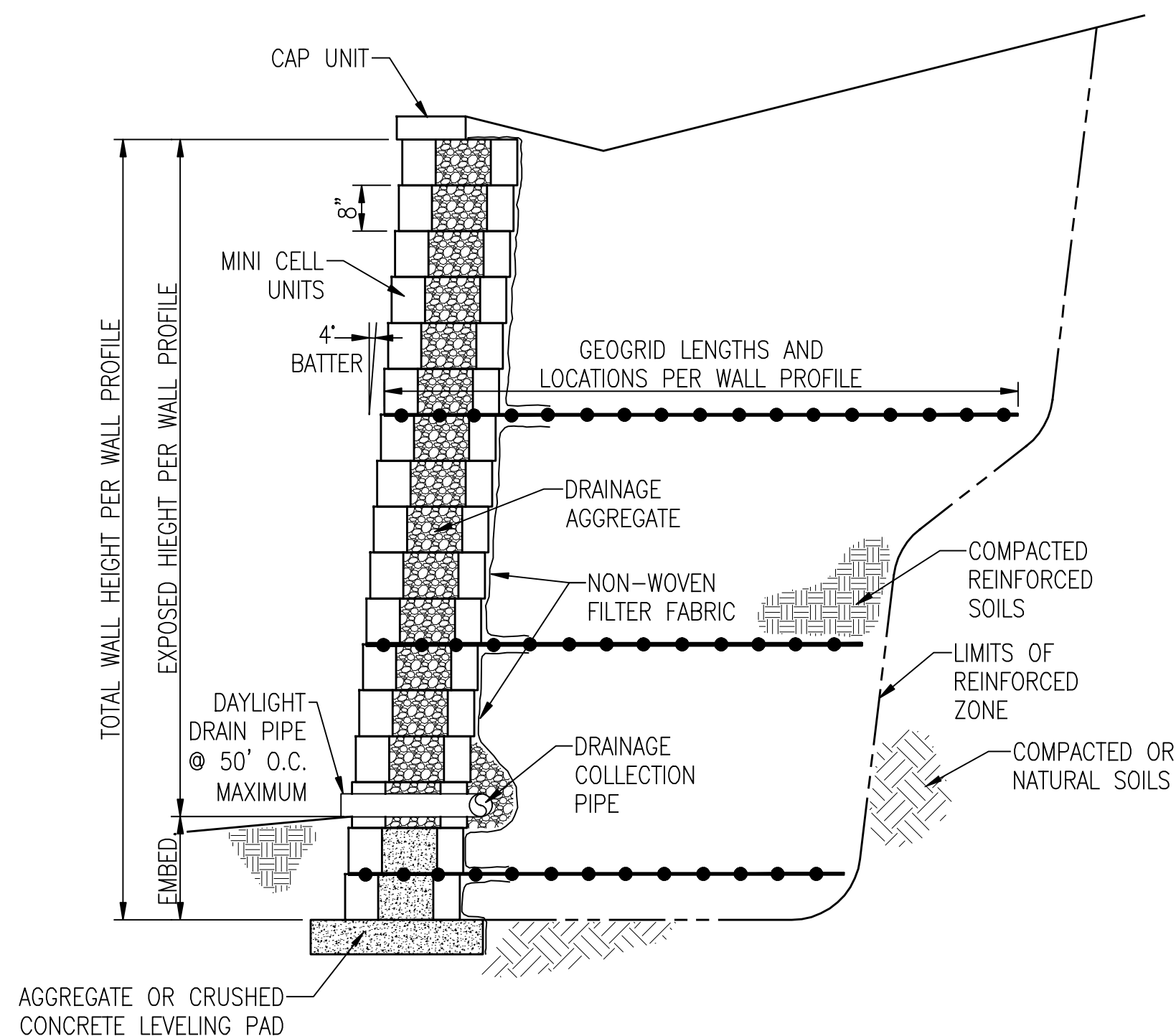


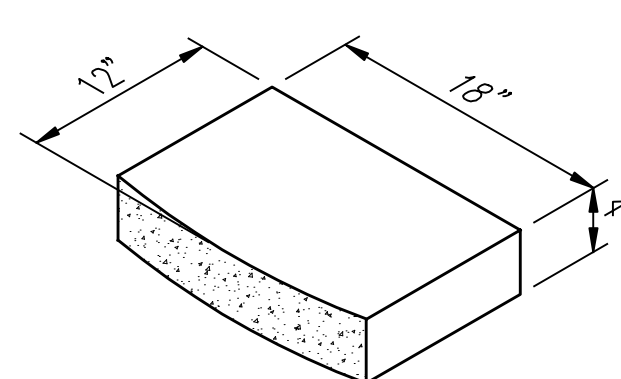
1
1 **EXAMPLE WALL PROFILE**
MSE WALL UNITS HORIZ: 1" = 10'
VERT: 1" = 5'



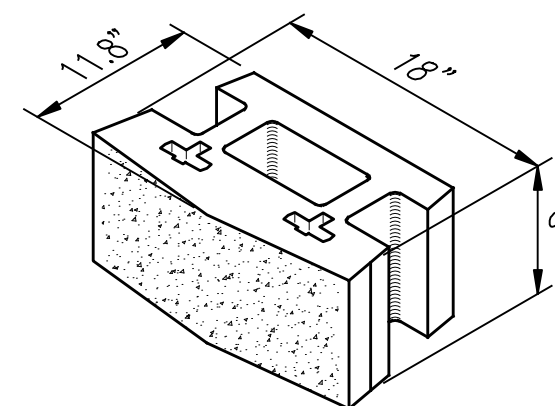
2
1 **TYPICAL CROSS SECTION**
FAT FACE UNITS 1/2" = 1'-0"



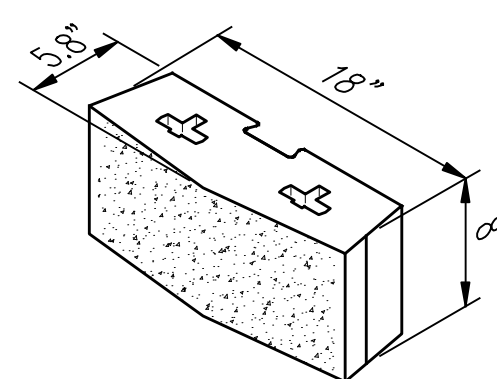
3
1 **TYPICAL CROSS SECTION**
MINI CELL UNITS 1/2" = 1'-0"



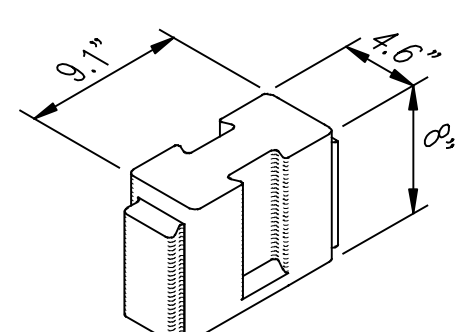
4
1 **CAP UNIT**
1" = 1'-0"



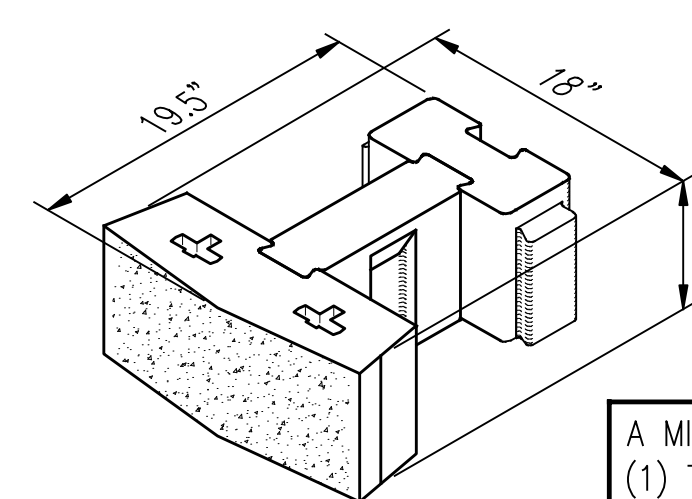
5
1 **FAT FACE UNIT**
1" = 1'-0"



6
1 **THIN FACE UNIT**
1" = 1'-0"

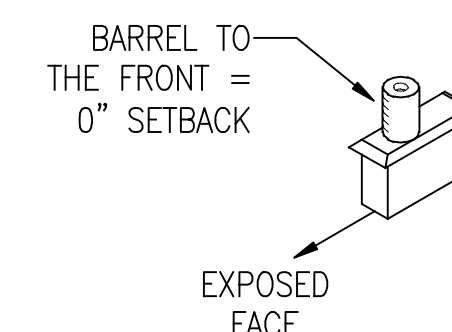


7
1 **ANCHOR UNIT**
1" = 1'-0"



8
1 **MINI CELL UNIT**
1" = 1'-0"

A MINI CELL UNIT CONTAINS:
(1) THIN FACE UNIT
(2) ANCHOR UNITS



9
1 **ALIGNMENT PLUG**
3" = 1'-0"

GENERAL NOTES:

- STRIP ALL VEGETATION AND ORGANIC SOIL FROM THE WALL AREA, INCLUDING THE GEOSYNTHETIC REINFORCEMENT EMBEDMENT LENGTH. PLAN EXCAVATION DIVERSION DITCHES TO ROUTE SURFACE WATER AROUND EXCAVATION DURING WALL CONSTRUCTION.
- BENCH CUT ALL EXCAVATED SLOPES TO THE LINES AND GRADES SHOWN ON THE DRAWINGS. CHECK AND VERIFY WALL LOCATION AND ALIGNMENT PRIOR TO STARTING WALL CONSTRUCTION. WALL CONTRACTOR RESPONSIBLE FOR TEMPORARY EXCAVATION SUPPORT OF STRUCTURES / UTILITIES.
- SITE SOIL ENGINEER SHALL VERIFY FOUNDATION SOILS AS BEING COMPETENT PER THE DESIGN STANDARDS, PARAMETERS, AND/OR LOCAL BUILDING CODES. DO NOT OVER EXCAVATE SOIL UNLESS DIRECTED BY SITE SOILS ENGINEER TO REMOVE UNSUITABLE SOIL. REPLACE WITH APPROVED COMPACTED FILL.
- MINIMUM EMBEDMENT DEPTH OF WALL BELOW FINISH GRADE SHALL BE AS SHOWN ON PLANS. FOR WALL HEIGHTS BELOW 10 FT. USE 6", ABOVE 10 FT. USE H/20. WHEN THERE IS A SLOPE BELOW THE WALL, CONSULT THE SITE SOILS ENGINEER.
- FOLLOW ALL APPLICABLE PROVISIONS OF THE MANUFACTURERS INSTALLATION INSTRUCTIONS. WRITTEN PROJECT SPECIFICATIONS SHALL BE USED AS GUIDANCE WHEN INSTRUCTIONS AND SPECIFICATIONS CONFLICT.
- LEVELING PAD SHALL CONSIST OF COMPACTED DRAINAGE STONE, MINIMUM 6" THICK. CONTRACTOR MAY USE COMPACTED SAND AND GRAVEL OR LEAN CONCRETE WITH APPROVAL OF WALL DESIGN OR PROJECT ENGINEER.
- DRAINAGE STONE / UNIT FILL SHALL BE AASHTO 57 OR 67 STONE AND INSTALLED WITHIN THE ENTIRE GRAVITYSTONE (GS) UNIT. GRAVITYSTONE FAT FACE UNITS REQUIRE THE DRAINAGE FILL BE EXTENDED TO AT LEAST 8" BEHIND THE FAT FACE UNITS.
- THE DRAINAGE COLLECTION PIPE SHALL PROVIDE GRAVITY FLOW TO OUTLETS AT A MINIMUM 1% (1/100) SLOPE. MAXIMUM OUTLET SPACING 50 FT.
- BACKFILL AND COMPACT SOIL FILL AS EACH COURSE OF GS UNITS IS INSTALLED. BACKFILL STONE FIRST, THEN SOIL, THEN COMPACT BOTH.
- CONTRACTOR IS RESPONSIBLE FOR MOISTURE CONTROL OF NATURAL SITE SOILS USED AS FILL, WHEN FILL WAS APPROVED BY THE ENGINEER.
- SOIL COMPACTION SHALL BE DONE BY ANY MEANS THAT ACHIEVES AT LEAST 95% OF MAXIMUM STANDARD PROCTOR DENSITY (ASTM D-698). PROJECT SPECIFICATIONS WITH MORE STRINGENT COMPACTION REQUIREMENTS SHALL GOVERN. COMPACTION WITHIN 2 FT. OF THE BACK OF GS WALL UNITS SHALL BE DONE WITH SMALL HAND OPERATED EQUIPMENT, LIKE VIBRATING PLATE COMPACTORS.
- SOIL COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE SITE SOILS ENGINEER, BUT NOT LESS THAN EVERY 250 SQ. FT. OF WALL FACE NOR EVERY 2 FEET CHANGE IN FILL ELEVATION.
- SEE WALL PROFILE (ELEVATION VIEW) FOR GEOGRID TYPE, LENGTH, ELEVATION AND HORIZONTAL LOCATION REQUIRED.
- GEOGRID SHALL BE THE TYPE AND LENGTH AS SHOWN ON PLANS. PULL GEOGRID TIGHT PRIOR TO BACKFILLING, AND STAKE OR HOLD, UNTIL FILL IS PLACED OVER THE GEOGRID.
- PROVIDE PERMANENT, STABILIZED DRAINAGE SWALES AT TOP OF WALL TO DIRECT SURFACE WATER FLOW AROUND THE ENDS OF THE WALL.
- ESTABLISH TURF IMMEDIATELY AFTER THE WALL IS COMPLETED.
- FINAL WALL LOCATION AND ALIGNMENT SHALL BE SURVEYED IN THE FIELD, AND REPORTED TO THE OWNERS ENGINEER.

CAUTION:

IF EXISTING CONDITIONS ARE DIFFERENT THAN THOSE STATED IN THESE DRAWINGS AND SPECIFICATIONS, OR THE SITE SOILS REPORT. THE CONTRACTOR MUST CONTACT THE ENGINEER AND/OR THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH WALL CONSTRUCTION.



WESTBLOCK SYSTEMS



M S E

DRAWING: **GENERAL WALL LAYOUT AND SRW UNIT DETAILS**
DESIGN: MRS SCALE: AS NOTED SHEET: **1 of 4**
DRAWN: PATTYH DATE: 11/18/08