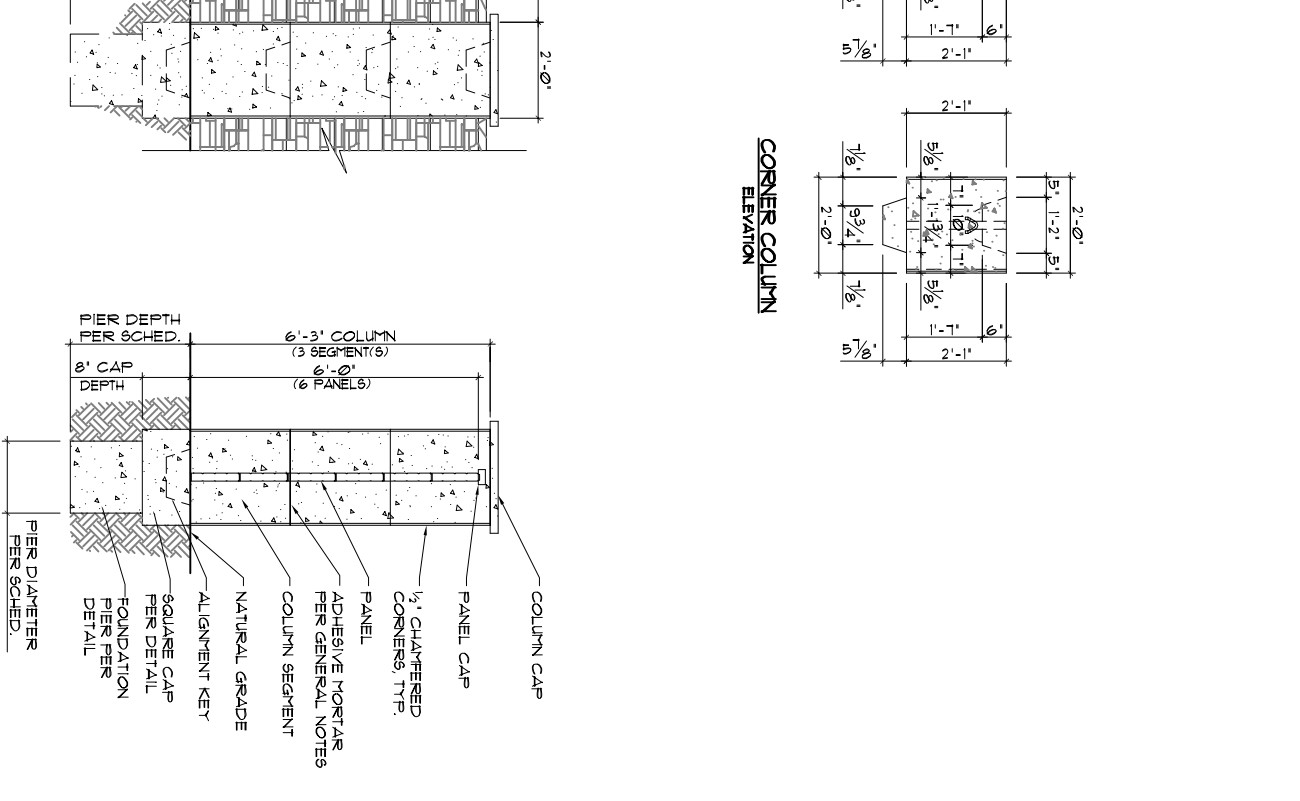
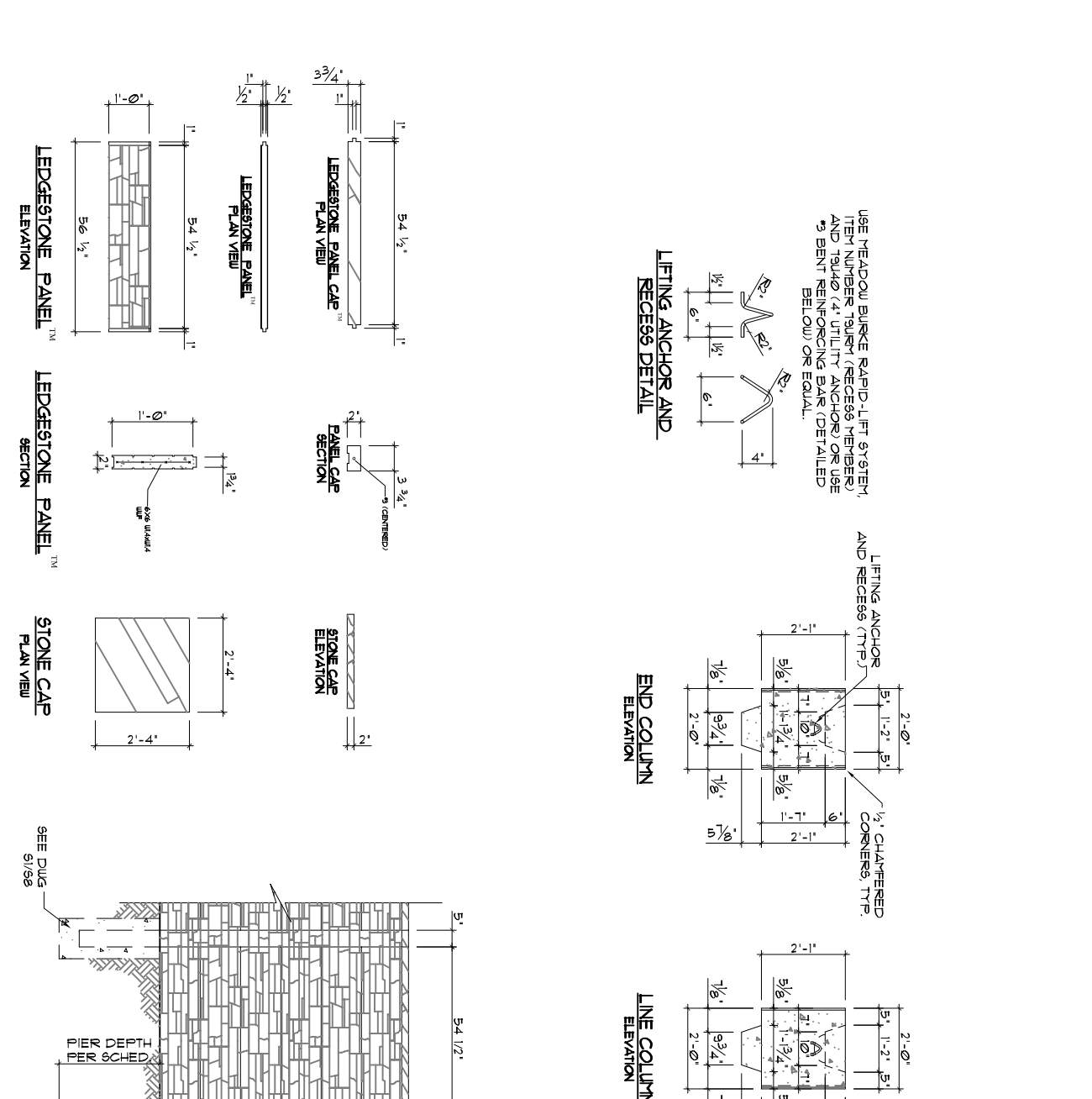


SCHEDULE OF RECOMMENDED FOUNDATION PIER MIN. SIZES

2" x 2" COLUMN 6'-0" MAX COLUMN HEIGHT

Exposure	Bedrock		Gravel		Sand		Clay		Unknown Fill / Organics
	Pier Diameter (in)	Pier Depth (in)	Pier Diameter (in)	Pier Depth (in)	Pier Diameter (in)	Pier Depth (in)	Pier Diameter (in)	Pier Depth (in)	
Wind Speed (mph)									
80	24	30	4x6	24	4x6	24	4x6	30	4x6
100	24	30	4x6	24	4x6	24	4x6	30	4x6
80	24	30	4x6	24	4x6	24	4x6	30	4x6
100	24	30	4x6	24	4x6	24	4x6	30	4x6

Note: Foundation pier minimum length shall exceed distance required locally for frost protection.



SPECIFICATION DATA:

- PRODUCT NAMES: UNFINISHED LEDGESTONE COLUMN
- MANUFACTURER: SIGNATURE STONE, LLC 211 30TH STREET GREELEY, CO 80631
- PRODUCT'S DESCRIPTION: PRODUCTS ARE INTENDED FOR RESIDENTIAL, COMMERCIAL AND INDUSTRIAL EXTERIOR FENCING, SCREENING WALLS AND NOISE BARRIERS.
- COMPOSITION AND MATERIALS: A MIX OF HIGH STRENGTH PORTLAND CEMENT, IRON OXIDE COLORS PLACED AND CAST WITHIN FACTORY MOLD. FILLED HOLDS ARE VIBRATED AFTER SETUP OF MIX CURED AND PACKAGED FOR SHIPMENT.
- LIMITATIONS: FENCE SYSTEM IS DESIGNED FOR TYPICAL CONDITIONS AND APPLICATIONS. FOUNDATION REQUIREMENTS VARY BY SOIL TYPE AND LOCAL CODES. INSTALLATION BY LOCAL PROFESSIONAL ENGINEER OR EXETER PROJECT. FENCE SYSTEM SHOULD NOT BE USED AS AN EARTH RETENTION SYSTEM UNLESS MODIFICATIONS IN DESIGN AND CONSTRUCTION ARE DONE BY A REGISTERED PROFESSIONAL ENGINEER AND APPROVED BY THE MANUFACTURER.
- TECHNICAL DATA FOR CONCRETE MIX: PRE-CAST FENCE COLUMN: MIN. 28 DAY COMPRESSIVE STRENGTH = 4,000 psi. CAST-IN-PLACE FOUNDATION PIERS: MIN. 28 DAY COMPRESSIVE STRENGTH = 3,000 psi.
- BUILDING CODES: DESIGN OF FENCE COLUMN, PANELS AND FOUNDATION PIERS IS BASED ON MOST RECENT VERSIONS OF IBC, IBC, AND ACI CODES.
- INSTALLATION: ALIGNMENT KEY TO BE CAST INTO PIER FOR BEDGESTONE AND LEDGESTONE PANELS. THE PIER AND REINFORCING SHALL BE DESIGNED BY LOCAL ENGINEER OR AS SHOWN IN SCHEDULE AFTER PIER HAS REACHED SPECIFIED STRENGTH. COLUMN SEGMENT IS POSITIONED INTO ALIGNMENT KEY AND BONDED IN PLACE BY APPLYING AN ADHESIVE MORTAR CONTAINING AN ACRYLIC ADDITIVE (MONOCURE OR EQUAL) WITH A MINIMUM BOND STRENGTH OF 150 PSI ON ALL ADJOINING SURFACES.
- DRAINAGE: THE LONG-TERM PERFORMANCE OF ALL FOUNDATIONS, INCLUDING THE SIGNATURE STONE FENCE FOUNDATION, DEPENDS ON PROPER GRADING. POSITIVE DRAINAGE AWAY FROM THE FENCE FOUNDATIONS TO THE EXTENT POSSIBLE IS RECOMMENDED AT ALL TIMES. PANELS CAN BE ARRANGED TO ALLOW FOR CONTINUOUS OR INTERMITTENT DRAINAGE BENEATH THE FENCE WHERE NECESSARY.

GENERAL NOTES:

- ALL CONSTRUCTION TO MEET LOCAL CODES AND APPENDENTS
 - ALL CONCRETE FOOTINGS SHALL USE TYPE II CEMENT.
 - ALL REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60, UNLESS APPROVED BY A GEOTECHNICAL ENGINEER.
 - FENCE WALL STANDARD DESIGN IS FOR A WIND LOAD OF 100 mph. 3 sec. gust.
 - APPROVAL OF THE ENGINEER IS REQUIRED WHEN FENCE IS USED UNDER A CONDITION WHERE THE SPECIFICATIONS ARE DIFFERENT THAN SHOWN.
 - THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AT THE JOB SITE.
 - THE COLUMN, PANELS AND CAPS ARE MADE OF CONCRETE AND ARE MANUFACTURED BY A NATIONAL READY MIX CONCRETE ASSOCIATION APPROVED MANUFACTURER.
 - A FULLY DIMENSIONED PLOT PLAN IS REQUIRED FOR A BUILDING PERMIT AND MUST BE PROVIDED WITH EACH STANDARD PLAN.
 - LOCATION AND FENCE HEIGHT SHALL COMPLY WITH CITY/COUNTY FENCING CODES AND CURRENT CONDITIONS.
 - ALL WORK SHALL COMPLY WITH CITY/COUNTY GRADING ORDINANCES.
 - ADHESIVE MORTAR SHALL HAVE MIN. TENSILE STRENGTH OF 300 psi. CONTRACTOR SHALL COMPLETELY COAT ADJOINING SURFACES OF COLUMN SEGMENTS.
- NOTE: ALL DIMENSIONS SHOWN ON THIS SHEET ARE FOR INFORMATION PURPOSES ONLY. ACTUAL DIMENSIONS MAY VARY DUE TO MANUFACTURING AND MOLDING TOLERANCES.

THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS ARE INSTRUMENTS OF SERVICE ARE THE EXCLUSIVE PROPERTY OF THE ENGINEER AND THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED. REUSE, REPRODUCTION IN WHOLE OR IN PART IS PROHIBITED EXCEPT BY WRITTEN PERMISSION FROM THE ENGINEER. TITLE TO THESE PLANS AND SPECIFICATIONS SHALL REMAIN WITH THE ENGINEER WITHOUT PREJUDICE. AND VISUAL EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

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351 Linden Street, Ste 140, Fort Collins, CO 80524 F: 970-206-9441



SIGNATURE STONE 6' FENCE SYSTEM™

NO.	DATE	REVISION/ISSUE

CLIENT:
SIGNATURE STONE
211 W. 30TH STREET
GREELEY, CO 80631
GREG MILLER
970-351-0270

DESIGNER: HAP/WMK
DATE: 6/22/06
SCALE: AS SHOWN

REV: S4

NO: S8