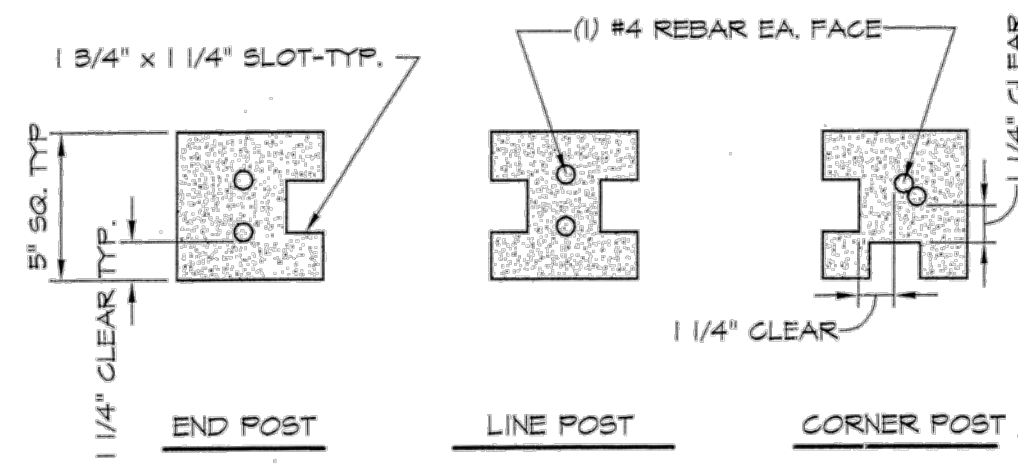
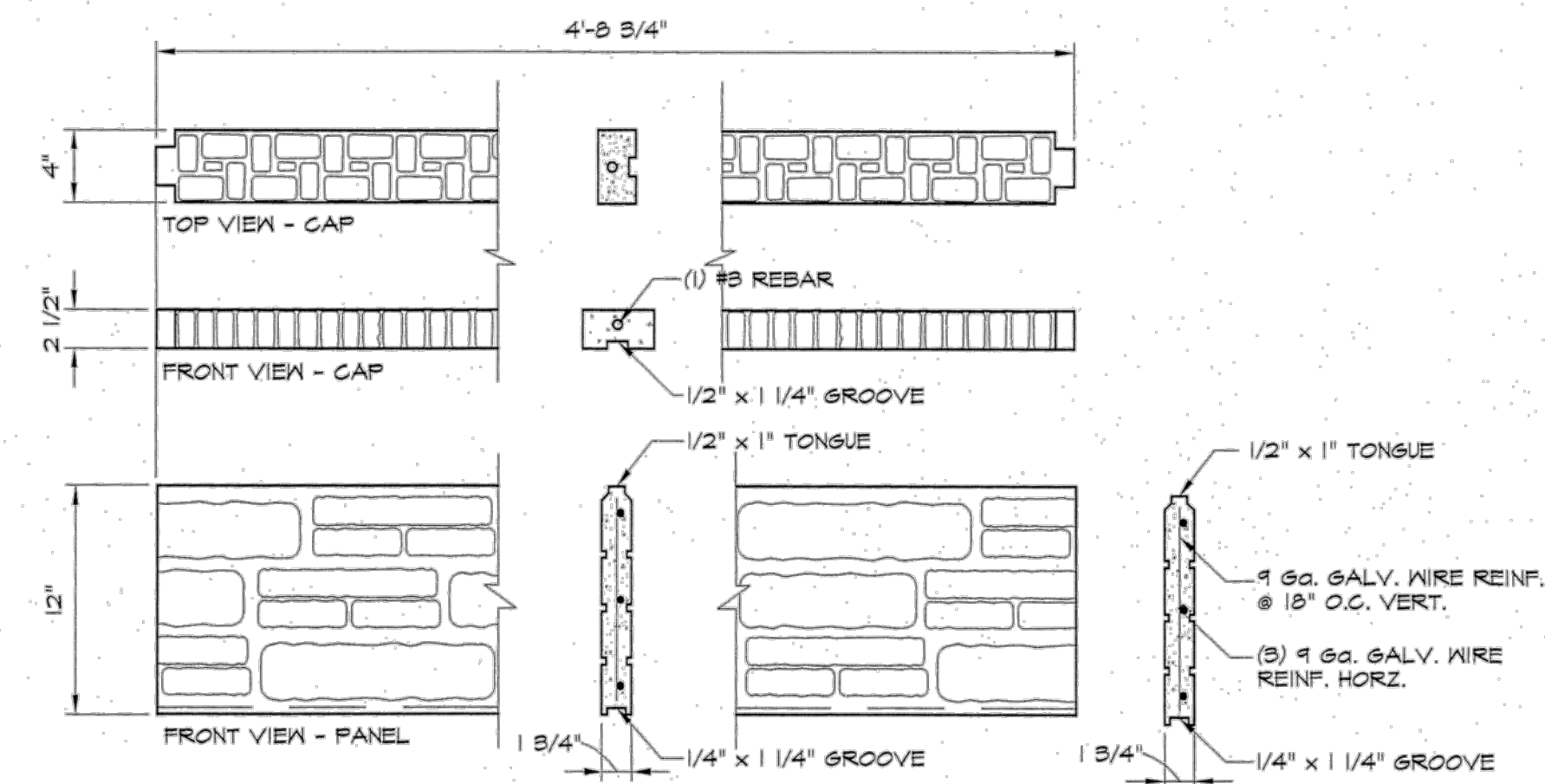


FOR REFERENCE ONLY

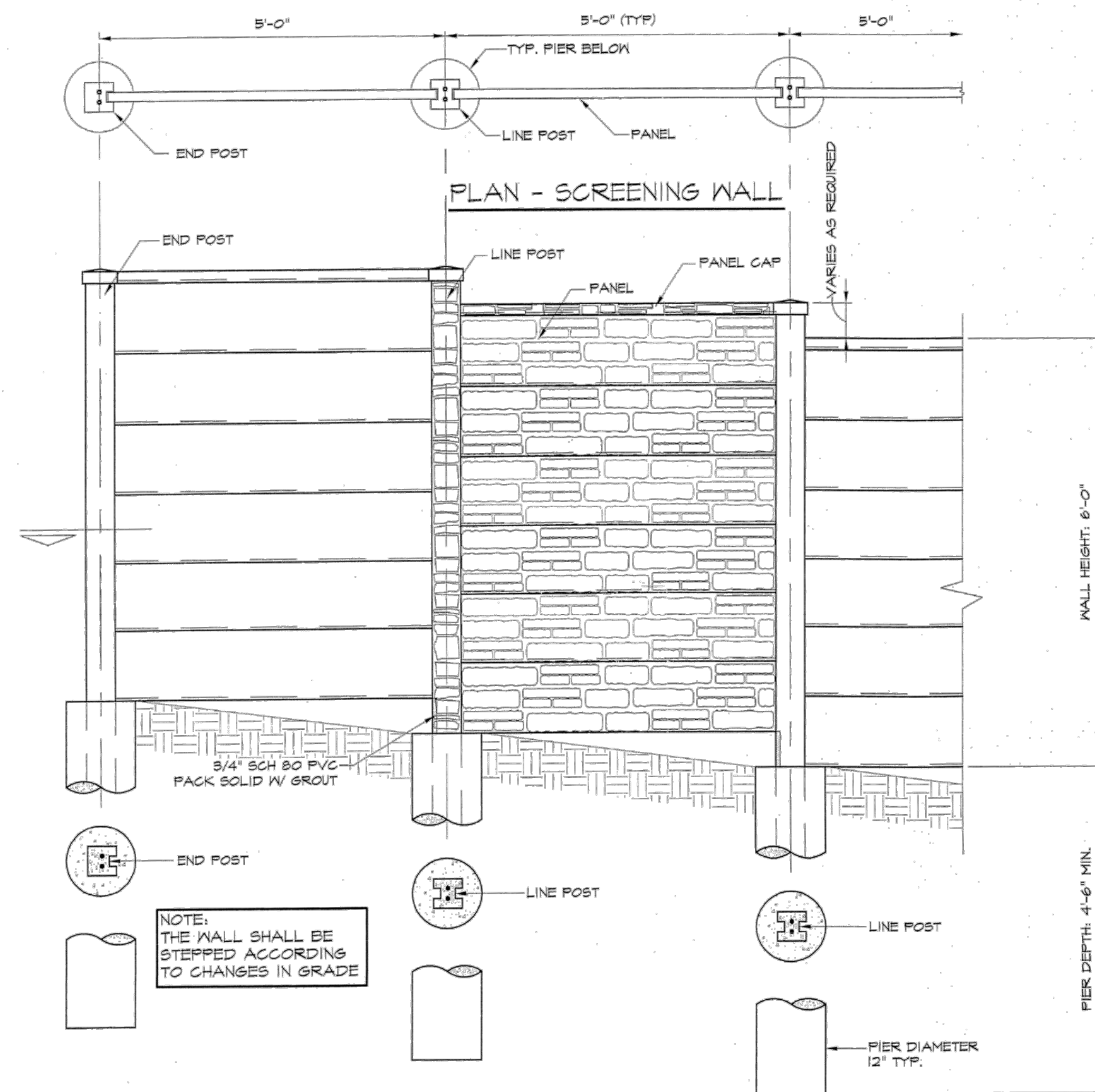


SECTIONS 5" x 5" POST
SCALE 2" = 1'-0"



DETAILS - PANEL & CAP
SCALE 1/2" = 1'-0"

FOR REFERENCE ONLY

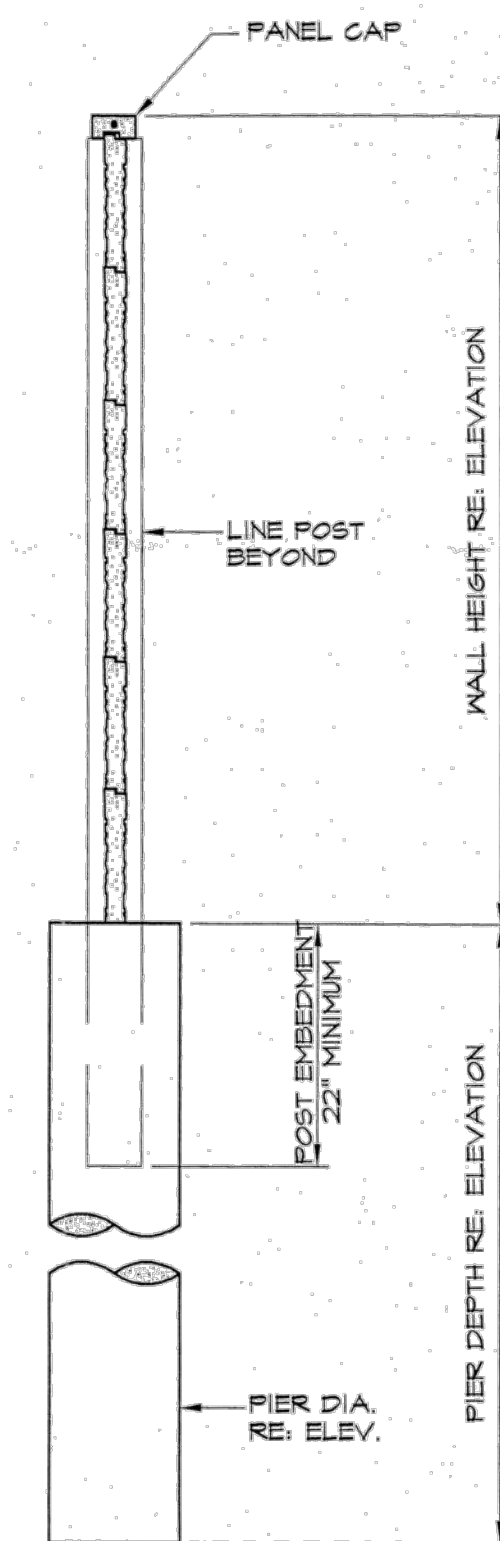


ELEVATION - SCREENING WALL
SCALE 3/4" = 1'-0"

AS-BUILT

THIS RECORD DRAWING IS COMPILATION OF A COPY OF THE SEALED ENGINEERING DRAWING FOR THIS PROJECT; MODIFIED BY ADDENDA, CHANGE ORDERS, AND INFORMATION FURNISHED BY THE CONTRACTOR. THE INFORMATION SHOWN ON THE RECORD DRAWINGS IS PROVIDED BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER. THE ORIGINAL SEALED DRAWING ARE ON FILE AT THE OFFICES OF WINKELMANN AND ASSOCIATES, INC.

Maura S. Boilla
WINKELMANN AND ASSOCIATES, INC. 10-19-2016 DATE



SECTION - SCREENING WALL
SCALE 3/4" = 1'-0"

SPECIFICATIONS AND NOTES:

General

- This project has been designed in accordance with the International Building Code, 2006 Edition.
- Applied Loads:
Basic Wind Speed:.....
Horizontal Load:.....
Exposure:.....
Height & Exposure Coef.:.....
Classification:.....
Wind Load =
Seismic Design Category:.....

- Product to be manufactured by a NFCA Certified Plant.
Manufacturer: Superior Concrete Products
Contact:

- Screening Wall is to be constructed entirely on the project property.
- Should drainage be required, the bottom panel shall be raised 2"-4" above grade by means of a concrete filled "Schedule 80 PVC Pipe" placed in the groove of the respective posts.
- Standard integral color selected from Superior Concrete Products color chart, "Red, Terra Cotta and Grey" integral colors, white and custom colors are upgraded colors available at an additional cost.

Concrete

- Concrete Materials:
a. Concrete shall be normal weight concrete having sand and gravel or crushed stone aggregates, mixed with ASTM-C150, Type I or Type II Portland Cement to meet the minimum compressive strengths as follows:
-panels & posts: 5000 psi @ 28 days
-footings & piers: 2500 psi @ 28 days
-sidewalks & non-structural: 3500 psi @ 28 days
b. Water used for concrete shall be clean water and free from injurious amounts of oils, acids, alkalies, organic or other deleterious substances.
c. All concrete permanently exposed to the weather shall contain an air-entraining admixture resulting in 3 to 6% entrained air or as recommended by the manufacturer.
- Concrete Workmanship:
a. Fresh poured concrete shall be tamped into place by steel rammer, slicing tools or mechanical vibrator, until concrete is thoroughly compact and without void.
b. Make excavations for footings to undisturbed soil or to the depth noted on the drawings. Leave the bottom bearing surface clean and smooth. If footing excavations are made deeper than intended, only concrete shall be used for fill. Remove all loose material from excavations prior to concrete pour.

Reinforcements

- Reinforcing Materials:
a. Deformed type bars shall conform to ASTM-A 615, Grade 60, placed as shown on the drawings.
b. Steel Reinforcing wire shall meet U.S. Steel wire gage, ASTM-A 82, fy = 70,000 psi min. Galvanized.
c. All ties and stirrups shall conform to the requirements of ASTM-A 615, grade 40.
- Reinforcing Workmanship:
a. Reinforcement steel shall be fabricated in accordance with the CRSI Standard Details. Reinforcing bars shall be cold-bent only. Use of heat to bend reinforcement steel shall cause for rejection.
b. Reinforcement steel, bars and wire fabric shall be thoroughly cleaned before placing and again before the concrete is placed, shall be accurately positioned and secured in place. Provide standard bar chairs for all beam steel. No brick or porous materials may be used to support the steel off the ground.
c. Install all reinforcement with the following clearances between reinforcing steel and face of concrete:
a. Footing, pier, or beam bottom: 3"
b. Earth-formed pier or beam sides: 2"
c. Formed footing, pier or beam sides, exposed: 1"
d. Precast exposed to weather: panels 3/4"; posts 1 1/4"
d. Splices within continuous unscheduled reinforcing steel shall have a minimum lap of 30 bar diameters.

Soils

- Footing size is based on the following minimum soil properties:
Soil Compaction: 90% Std. Proctor
Bearing Capacity: 1,500 psf
Frictional Resistance: 250 psf
Lateral Bearing: 100 psf/ft of depth

Wind Load provided in General Notes #1 and 2 may not reflect this project. Pier depth given above was established for another project. Actual pier diameter and depth shall be based on local codes, wind load requirements, soil conditions and other relevant criteria. This "generic" Shop Drawing is not specific to this project therefore Superior Concrete Products shall not be responsible for pier size and stability of wall.

Be advised shop drawing reflects digging piers into earth. Shop drawing does not constitute core drilling piers into concrete slabs.

Mow Strip and Drainage Cap may or may not pertain to this project. This will be determined at time of order.

SCREENING WALL
WILL BE PERMITTED
SEPARATELY

FOR REFERENCE ONLY

REVISIONS

MASONRY SCREENING WALL DETAIL
6'-0" SCREENING WALL

SUPERIOR-COBBLESTONE™
Manufactured By
SUPERIOR CONCRETE PRODUCTS
PO BOX 201825 ARLINGTON TX 76006
1 (800) 942-9255 (617) 277-9255

DATE:
DRAWN:

SHEET
C-08.16