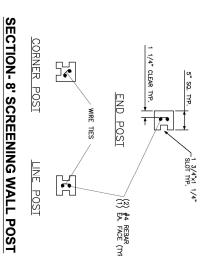
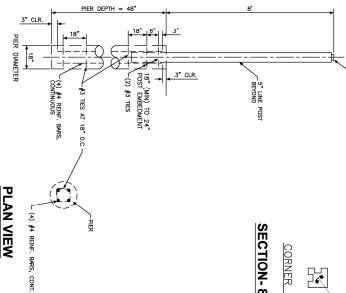


SECTION - 8' SCREENING WALL AND PIER **LINE POST PIER**

LINE POST PIERS WILL HAVE NO REBAR.





SECTION - 8' SCREENING WALL AND PIER **END POST PIER**

END POST PIERS WILL HAVE REBAR.
END POST PIERS ARE DESIGNATED AS THE FIRST
THREE POSTS AT THE END OF THE WALL.

WOODCAST STANDARD PANEL

WOODCAST PANEL - SECTION

WOODCAST PANEL CAP

WOODCAST CAP - SECTION

└1/2"x1-3/4" GROOVE

#3 REINFORCING BAR, CONT.

TOP VIEW-CAP



(1) #4 REBAR (1) EA. FACE (TYP.)

- Reinforcing material:

 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 gauge, ASTM-A 82. Yy = 70,000 psi min galvanized.

 c. All ties and strucps shall conform to the requirements of ASTM-A/ 615, grade 40.
- proement steel shall be fabricated in dance with the CRSI Standard Detail.
- nforcement steel bars and wire fabric shall be roughly cleaned before placing and again before concrete is placed. Shall be accurately thosed and secured in place. No brick of parous strials may be used to support the steel off the ing bars shall be cold—bent only. heat to bend reinforcement steel shall be
- 1. Footing, pier or beam bottom (3")
 2. Earth—formed pier or beam side (2")
 3. Formed footing, pier or beam sides, exposed (1")
 4. Precast exposed to weather: panels (3/4"), posts (1-1/4")

ons and Notes

- roject has been designed in accordance with ternational Buiding Code, 2010 Edition.

- 2. Applied loads:
 a. Wind Velocity (V) = 90 ...,
 b. Exposure: C
 c. Importance Factor (I) = 1.0
 d. Velocity Pressure Exposure Coefficient (KZ) = 0.85
 e. Wind Directionality Factor (Kd) = 0.85
 f. Tapographic Factor (KZI) = 1.0
 g. Wind Pressure P = 0.00256(Kz)(xz)(Kd)(V^2)(I) $P = 0.00256(Kz)(0.85)(1.0)(0.85)(90)^2(1.0)$ P = 15.0 psf
- Screening wall is to be constructed entirely on the project property.

- 1. Concrete Materials:
 a. Concrete shall be normal weight concrete having sand and grovel or crushed stone aggregate. Mixed with ASIM—C150, type I or III portland cement to meet the minimum compressive strength as follows:
 1. panels & post: 5000 psi @ 28 days
 2. footings & piers: 3000 psi @ 28 days
 3. sidewalk & non-structural: 3000 psi @ 28 days
 5. Water used for concrete shall be clean water and free from injurious amounts of ails, acids, alkalites, organic or other deleterious substances.
 c. All concrete permanently exposed to the weather shall contain an air—entraining admixture resulting in 3 to 6 percent entrained air or recommended by the monufacturer. concrete permanently exposed to the weather contain an air—entraining admixture resulting to 6 percent entrained air or recommended by the
- Fresh poured corcrete shall be tamped in to place using steel rammer, slicing tools, or mechanical vibrator, until concrete is thoroughly compact and without valid. Excavation for footing shall be on 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

- wire mesh shall be 9 gauge galvanized having norizontal bars and 4 vertical on 16 inch centers ing workmarship

- all reinforcement with the following nce between reinforcing steel and face of
- ss within continuous unscheduled reinforcing shall have a minimum lap of 30 bar diameters

BY DATE

- All design criteria based on construction on natural ground. Screenwall not to be constructed on berms or fill dirt.

NO. REVISION

WOODCAST HILLTOP CONCRETE 18775 FM 2493 FLINT, TX 75762 (903) 630-5465

