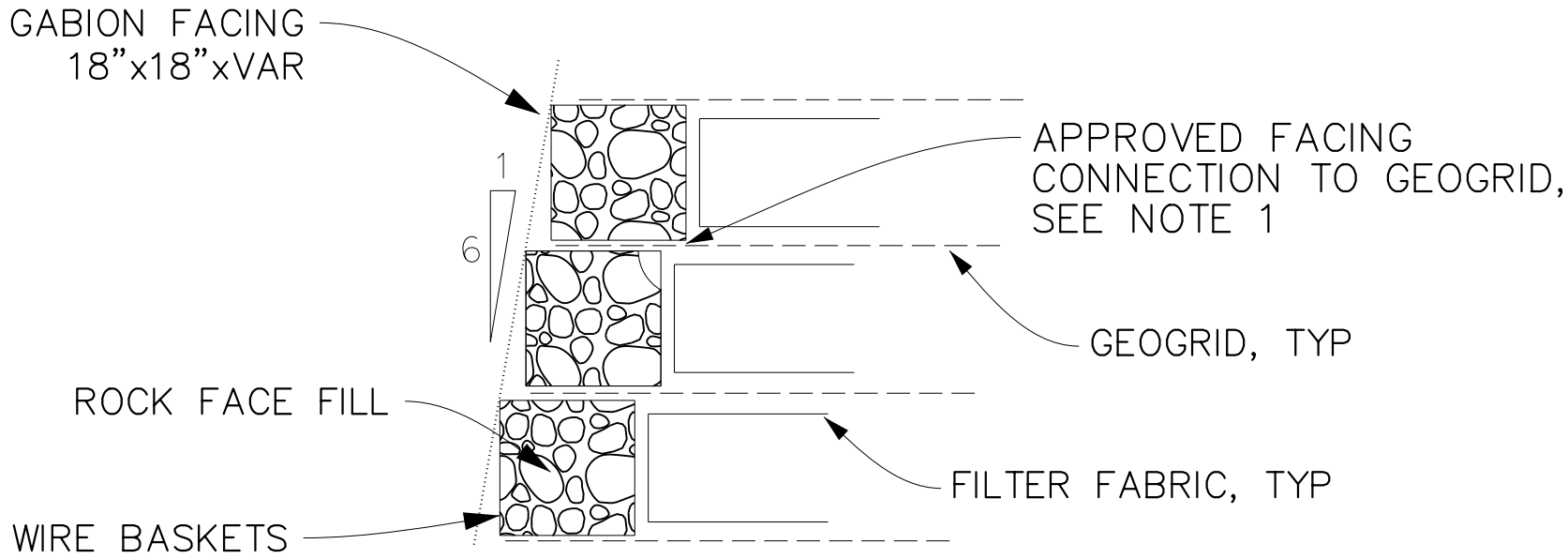
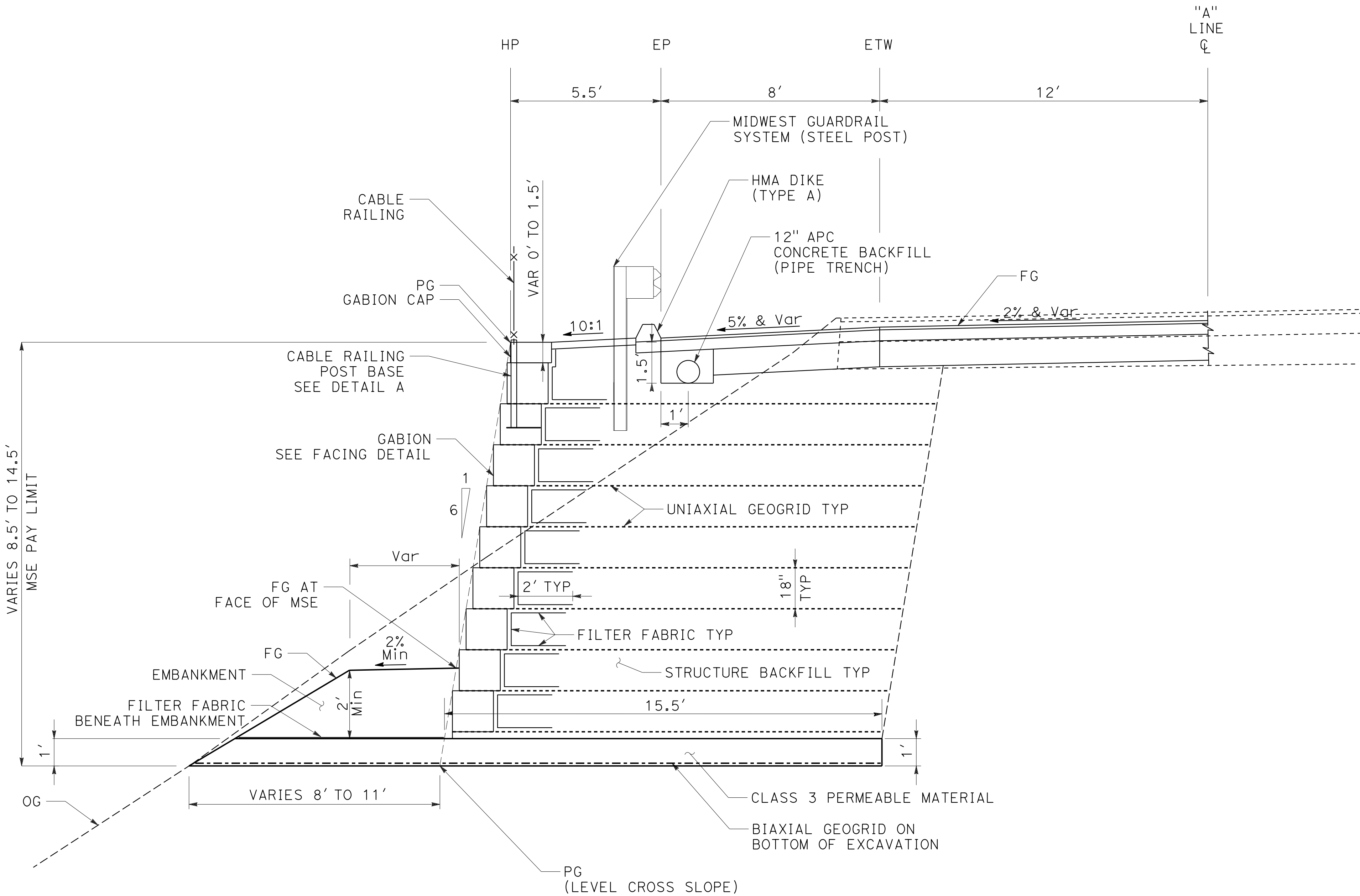


NOTES:

1. STACK GABION BASKETS ON TOP OF UNIAXIAL GEOGRID.
UNIAXIAL GEOGRID EXTENDS TO EXTERIOR FACE OF GABION BASKET.
2. PLACE CABLE RAILING POST BASES IN GABION BASKETS
BEFORE FILLING WITH ROCKS.
3. SEE DRAINAGE PROFILES FOR THREE DI'S TO BE PLACED
INLINE WITH 12" APC.
4. SEE CONSTRUCTION DETAILS C-3 FOR ADDITIONAL
GABION BASKET DETAILS.



FACING DETAIL



MECHANICALLY STABILIZED EMBANKMENT

"A" Sta 311+80 TO Sta 316+60

LIVE LOAD: Surcharge = 240 lb/ft²

SOIL PARAMETERS:

Internal design $\phi = 34^\circ$, $\gamma = 120 \text{ lb/ft}^3$

External design ϕ (Retained Backfill) = 35° , $\gamma = 120 \text{ lb/ft}^3$

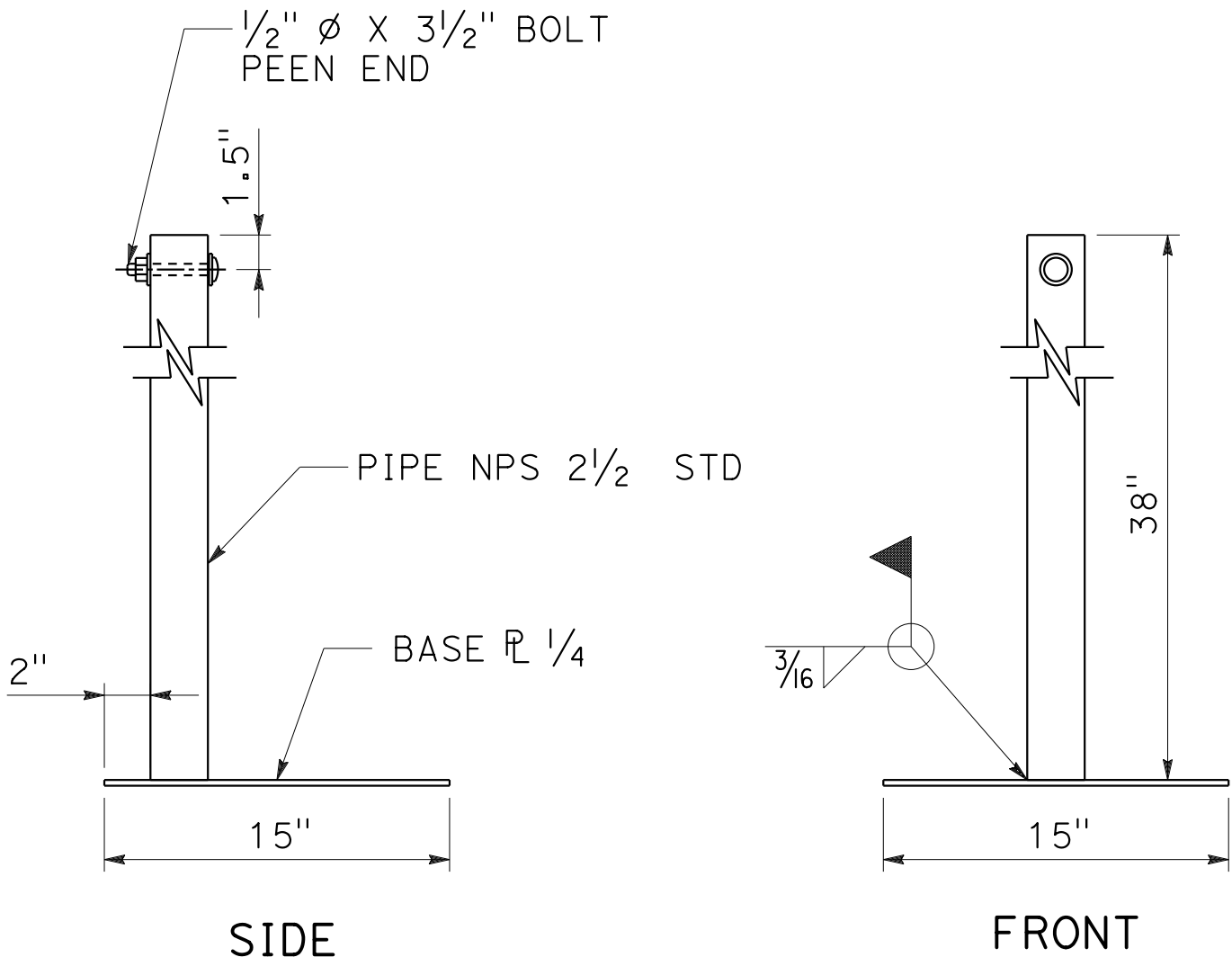
ϕ (Foundation) = 34°

$k_h = 0.24$

SOIL REINFORCEMENT:

Geosynthetic reinforcement:

Uniaxial Geogrid Long Term Design Strength = 1,800 lb/ft

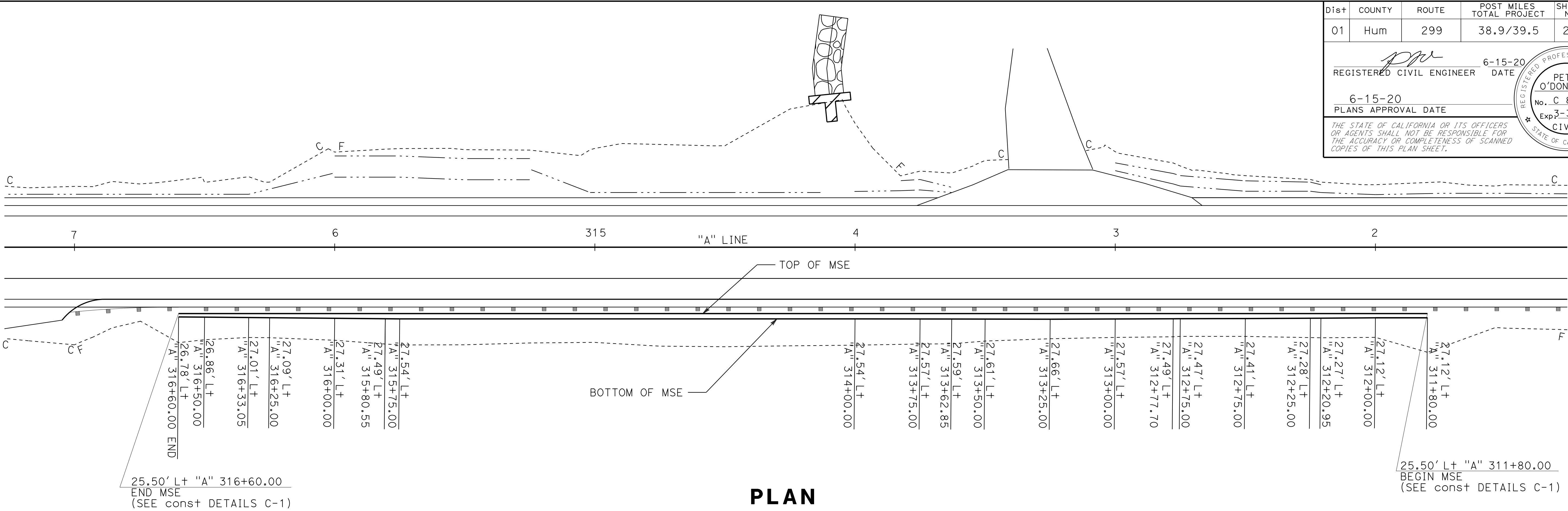


DETAIL A
CABLE RAILING POST BASE

CONSTRUCTION DETAILS

NO SCALE

C-1



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	299	38.9/39.5	22	91

REGISTERED CIVIL ENGINEER

6-15-20
DATE

6-15-20
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

PETER O'DONNELL

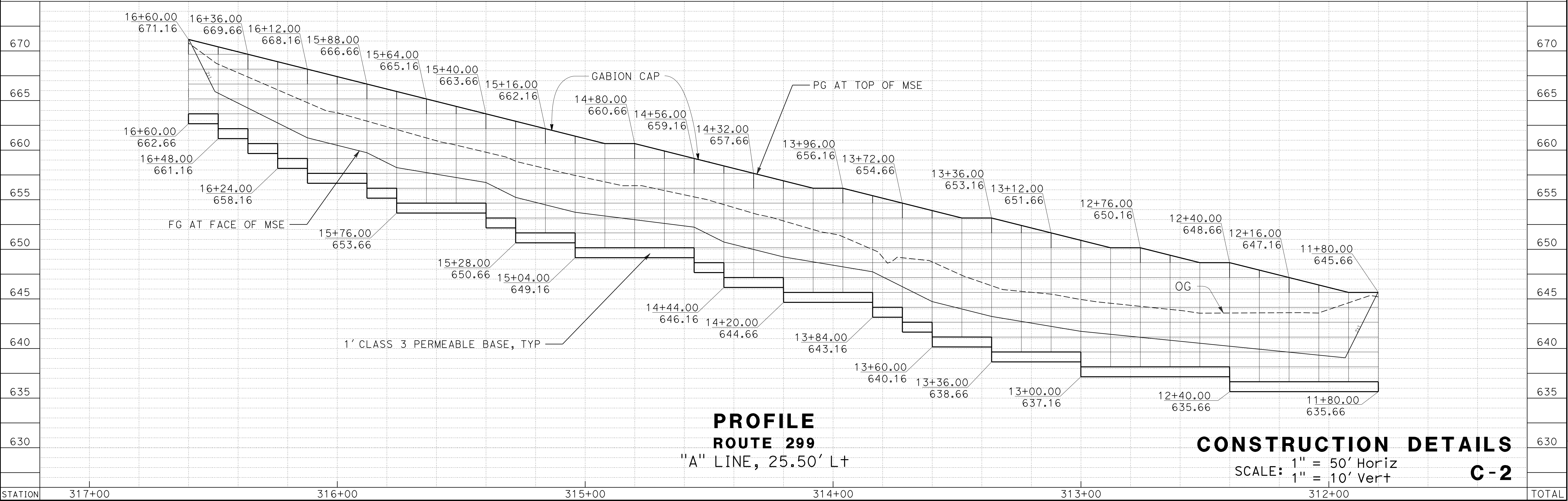
No. C 81761

Exp 3-31-22

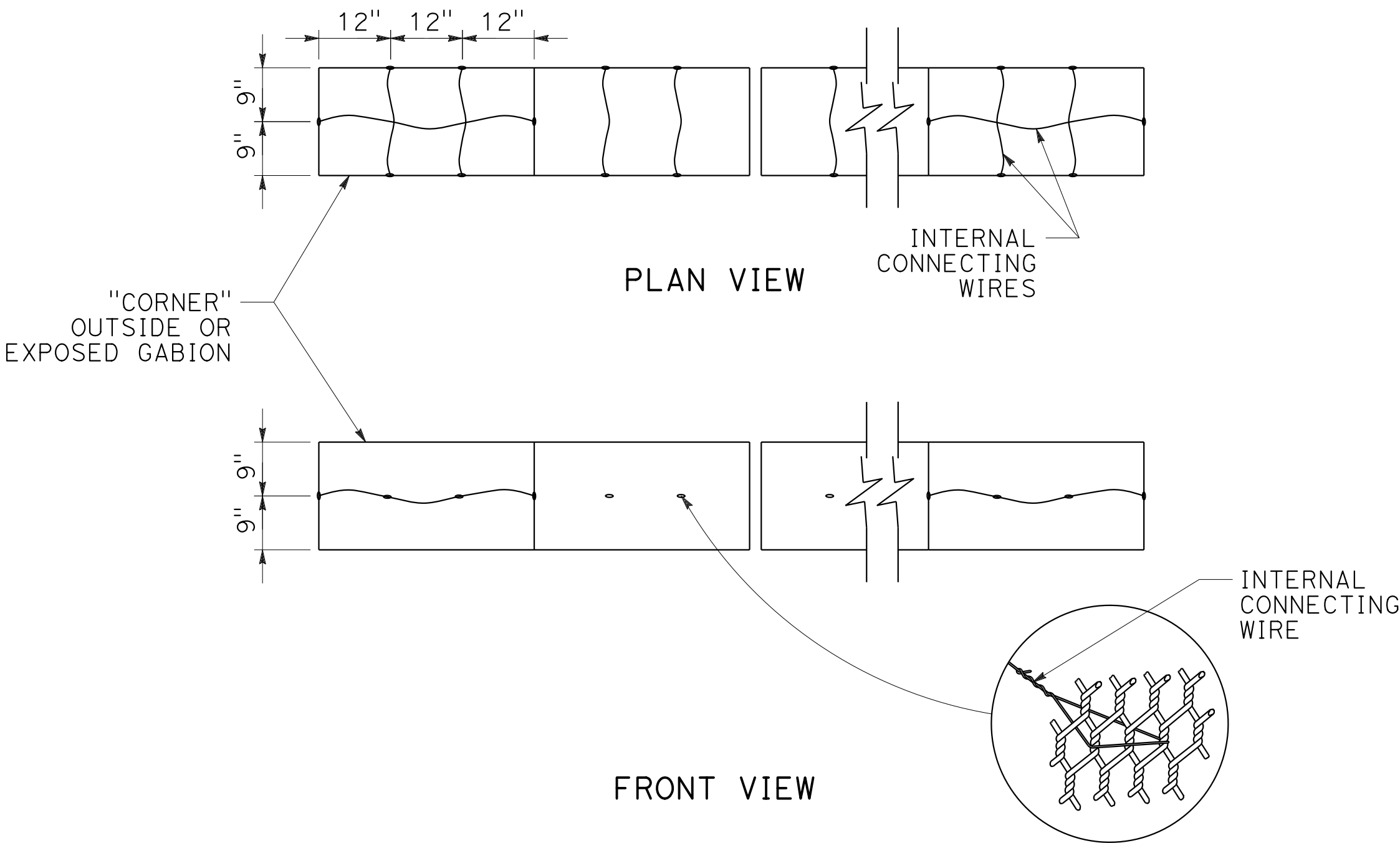
CIVIL

STATE OF CALIFORNIA

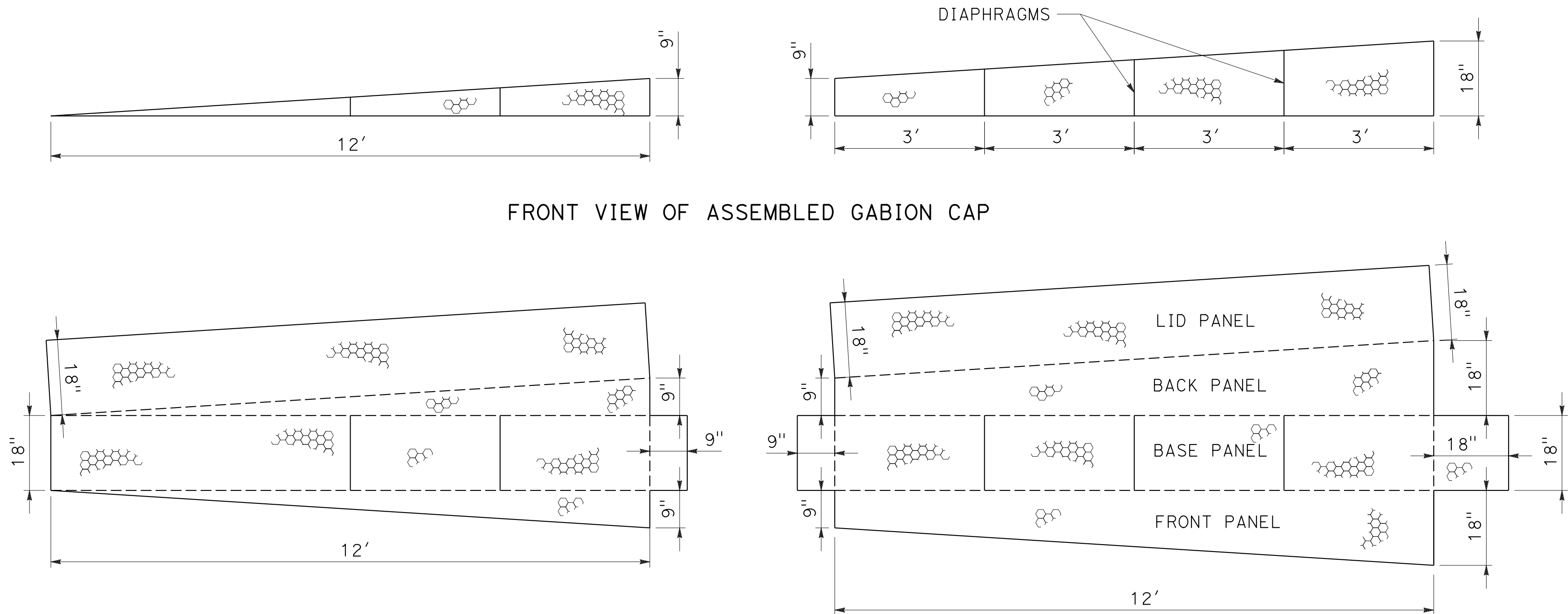
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- NOTES:**
- SEE STD PLANS D100A & D100B FOR DETAILS NOT SHOWN.
 - INTERNAL CONNECTING WIRE (13.5-GAGE) TO BE INSTALLED ACROSS WIDTH OF INTERIOR GABIONS AND ACROSS WIDTH AND LENGTH OF END GABIONS.
 - PREFORMED STIFFENERS (11-GAGE OR 9-GAGE) ARE AN ACCEPTABLE ALTERNATIVE TO INTERNAL CONNECTING WIRES. INSTALL THEM AS RECOMMENDED BY MANUFACTURER OR AS DIRECTED BY THE ENGINEER AT 1/2 POINTS.
 - PLACE ROCK IN END GABION CELL FIRST, AND CONTINUE BY FILLING INTERIOR GABION CELLS.

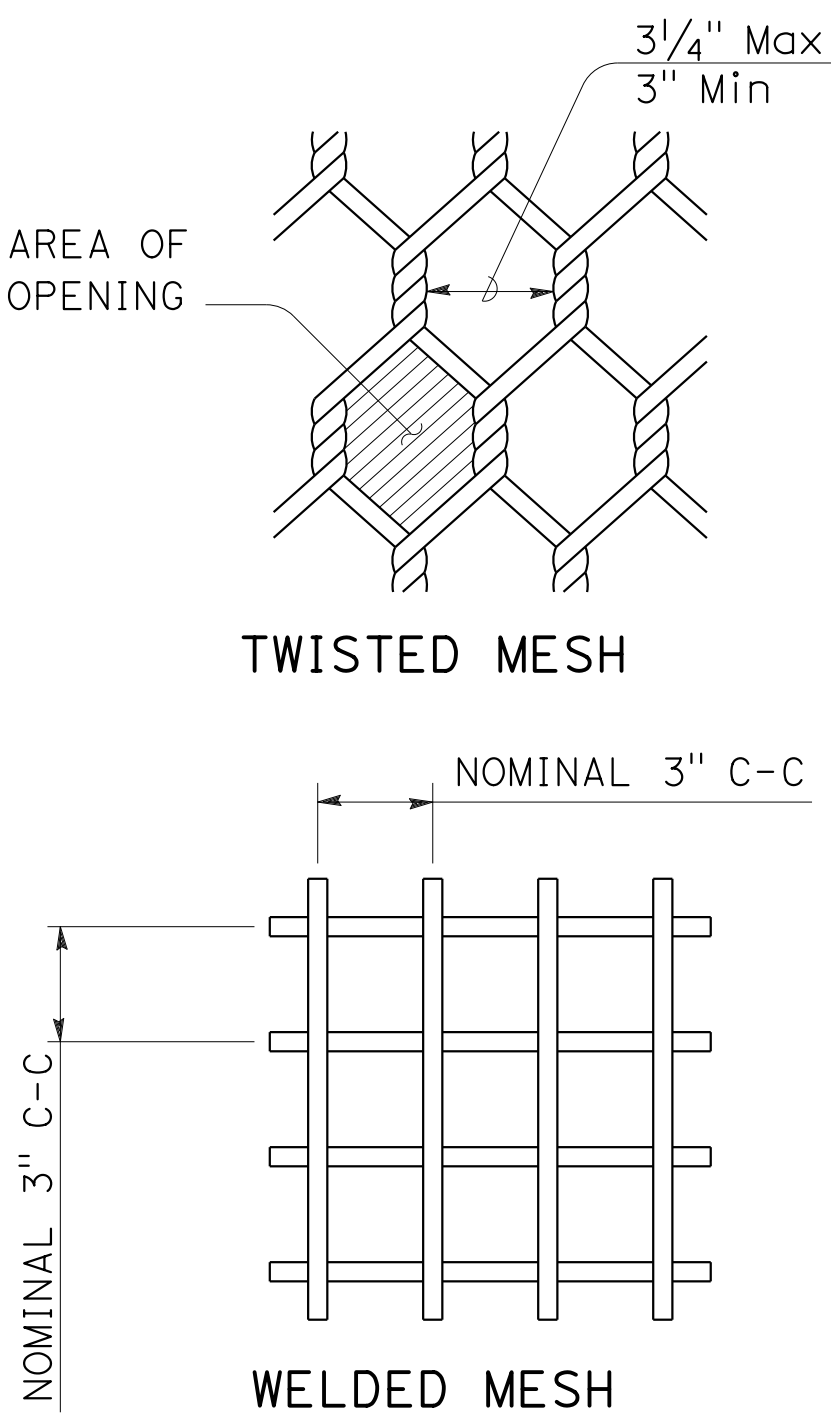


13.5-GAGE INTERNAL CONNECTING WIRES

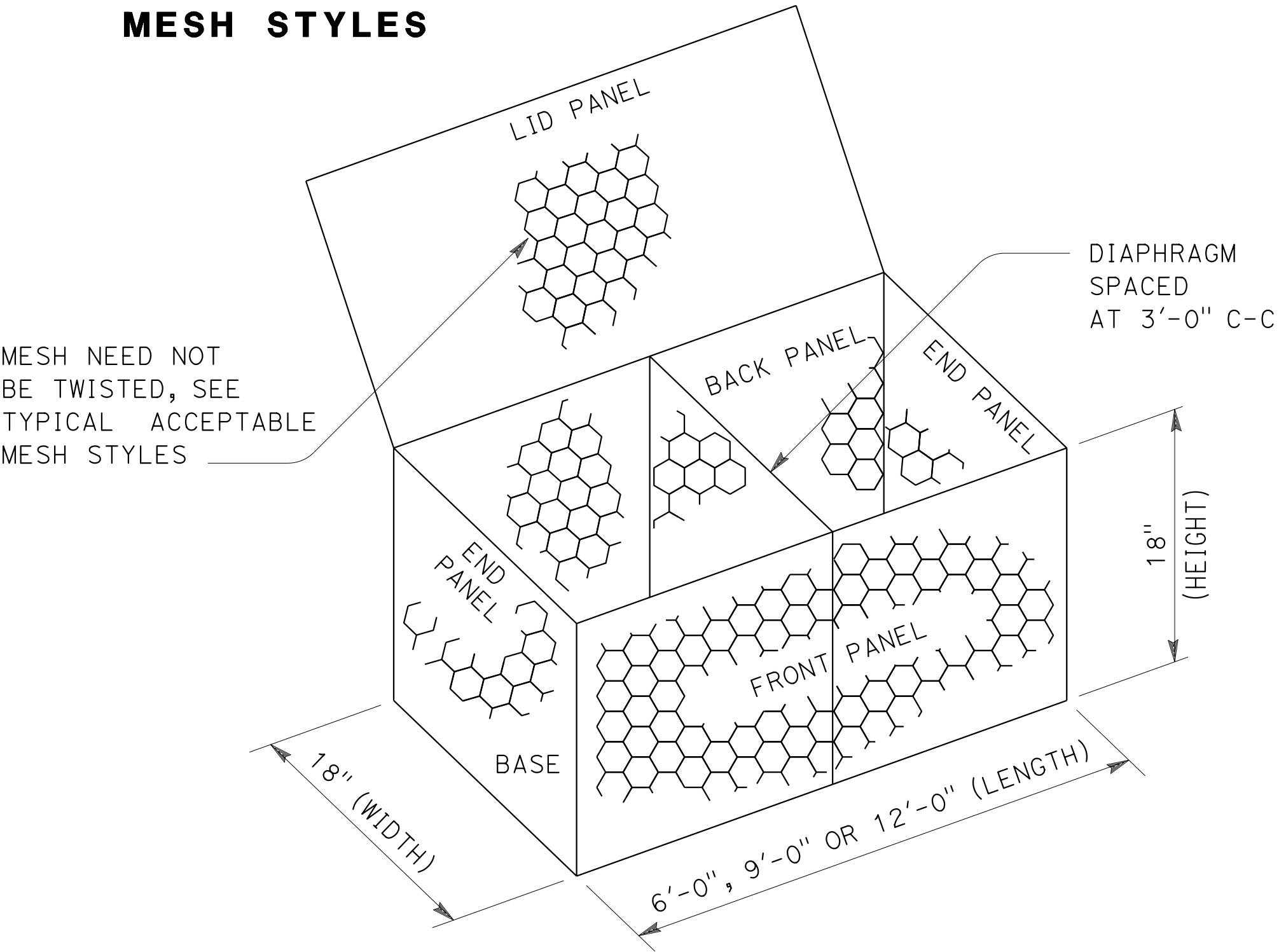


GABIONS FOR MSE FACING

NOTE:
AREA OF OPENING NOT TO EXCEED 10.3 SQUARE INCHES.



TYPICAL ACCEPTABLE MESH STYLES



TYPICAL GABION BASKET

CONSTRUCTION DETAILS

NO SCALE

C-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	299	38.9/39.5	23	91
REGISTERED CIVIL ENGINEER			6-15-20	DATE	
6-15-20			PLANS APPROVAL DATE		
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PETER O'DONNELL No. C 81761 Exp 3-31-22 CIVIL STATE OF CALIFORNIA					