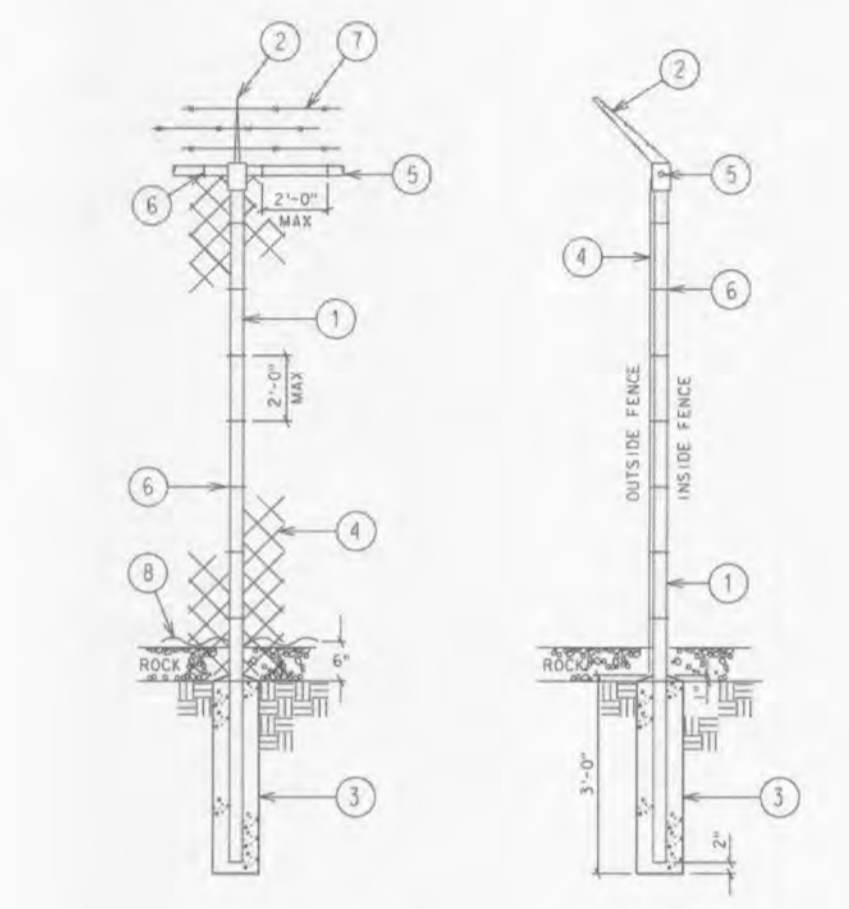


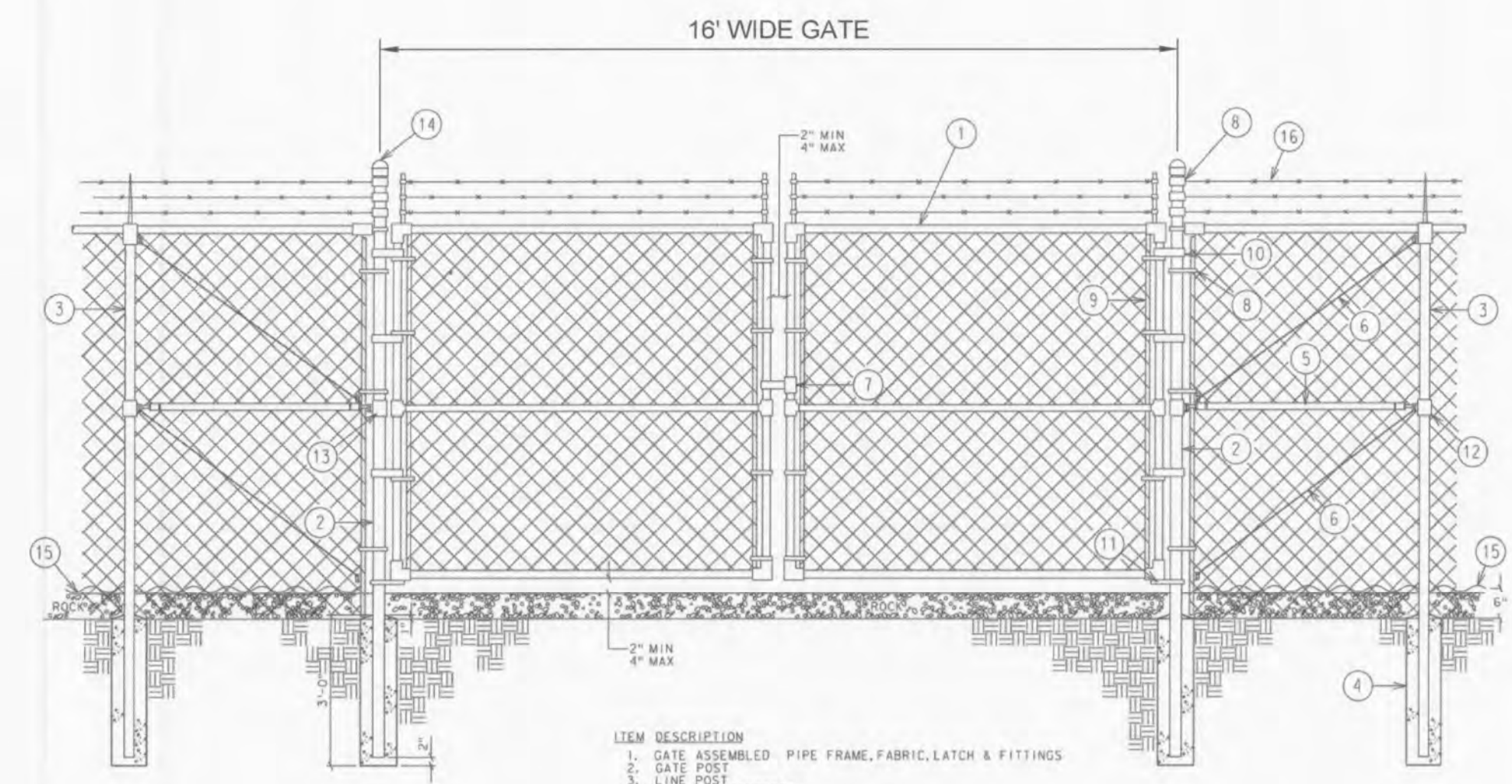
- ITEM DESCRIPTION**
1. TERMINAL GATE POST
 2. GATE FRAME (AS REQUIRED)
 3. MAN GATE SECTION
 4. BAND W/2 ATTACHMENTS FOR BRACE RAIL AND TRUSS
 5. BOTTOM GATE HINGE
 6. TOP GATE HINGE
 7. TRUSS ROD
 8. TRUSS TIGHTENER
 9. FABRIC (AS REQUIRED)
 10. BRACE RAIL (AS REQUIRED)
 11. BRACE RAIL ATTACHMENT (AS REQUIRED)
 12. BRACE RAIL LENGTH (AS REQUIRED)
 13. BRACE RAIL (AS REQUIRED)
 14. BRACE RAIL LENGTH (AS REQUIRED)

"TYPICAL MAN GATE SECTION"



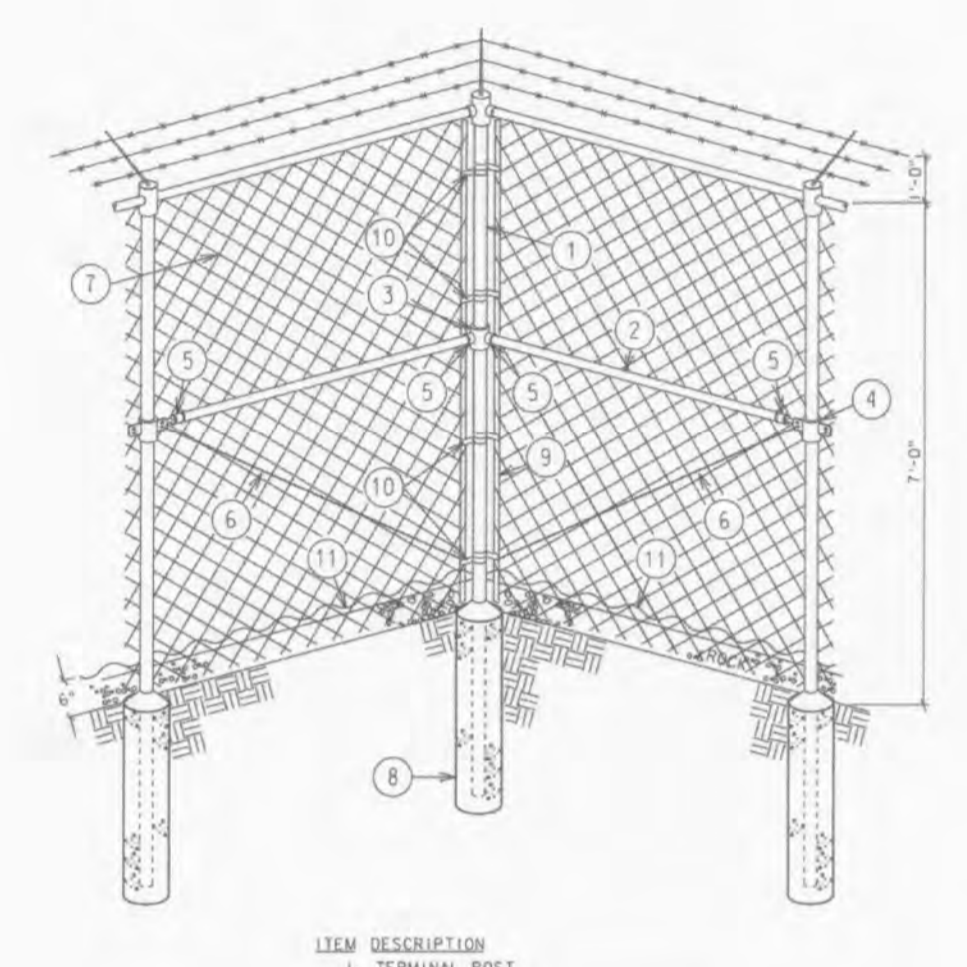
- ITEM DESCRIPTION**
1. LINE POST
 2. EXTENSION ANGLE
 3. 200# GALV. STEEL
 4. TOP RAIL
 5. FABRIC
 6. BRACE RAIL
 7. BRACE RAIL ATTACHMENT
 8. BRACE RAIL
 9. BRACE RAIL ATTACHMENT
 10. BRACE RAIL
 11. BRACE RAIL ATTACHMENT

"TYPICAL LINE POST SECTION"



- ITEM DESCRIPTION**
1. GATE ASSEMBLY - PIPE FRAME, FABRIC, LATCH & FITTINGS
 2. TERMINAL GATE POST
 3. BRACE RAIL (AS REQUIRED)
 4. BRACE RAIL ATTACHMENT (AS REQUIRED)
 5. BRACE RAIL (AS REQUIRED)
 6. BRACE RAIL ATTACHMENT (AS REQUIRED)
 7. BRACE RAIL (AS REQUIRED)
 8. BRACE RAIL ATTACHMENT (AS REQUIRED)
 9. BRACE RAIL (AS REQUIRED)
 10. BRACE RAIL ATTACHMENT (AS REQUIRED)
 11. BRACE RAIL (AS REQUIRED)
 12. BRACE RAIL ATTACHMENT (AS REQUIRED)
 13. BRACE RAIL (AS REQUIRED)
 14. BRACE RAIL ATTACHMENT (AS REQUIRED)
 15. BRACE RAIL (AS REQUIRED)

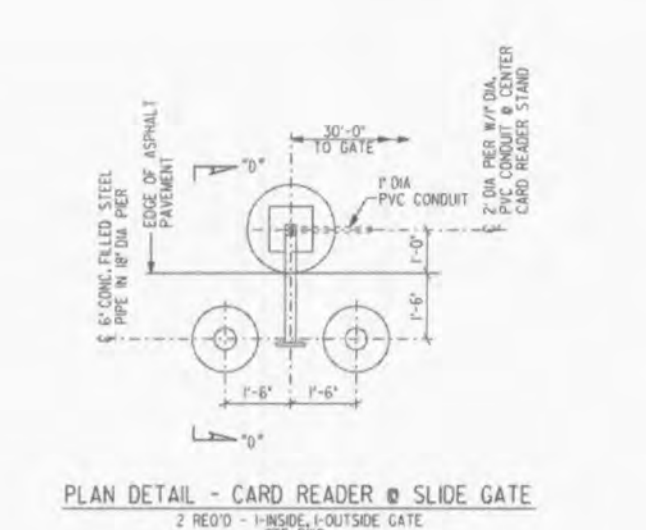
"TYPICAL DRIVE GATE SECTION"



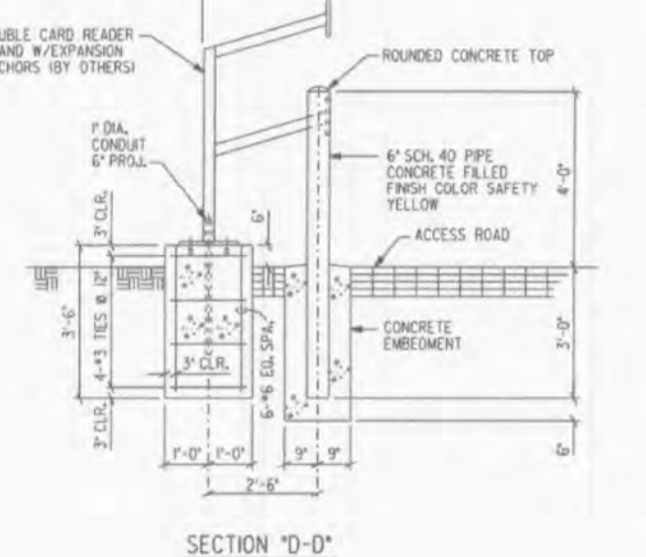
- ITEM DESCRIPTION**
1. TERMINAL GATE POST
 2. BRACE RAIL
 3. BRACE RAIL ATTACHMENT
 4. BRACE RAIL
 5. BRACE RAIL ATTACHMENT
 6. BRACE RAIL
 7. BRACE RAIL ATTACHMENT
 8. BRACE RAIL
 9. BRACE RAIL ATTACHMENT
 10. BRACE RAIL
 11. BRACE RAIL ATTACHMENT

"TYPICAL CORNER SECTION"

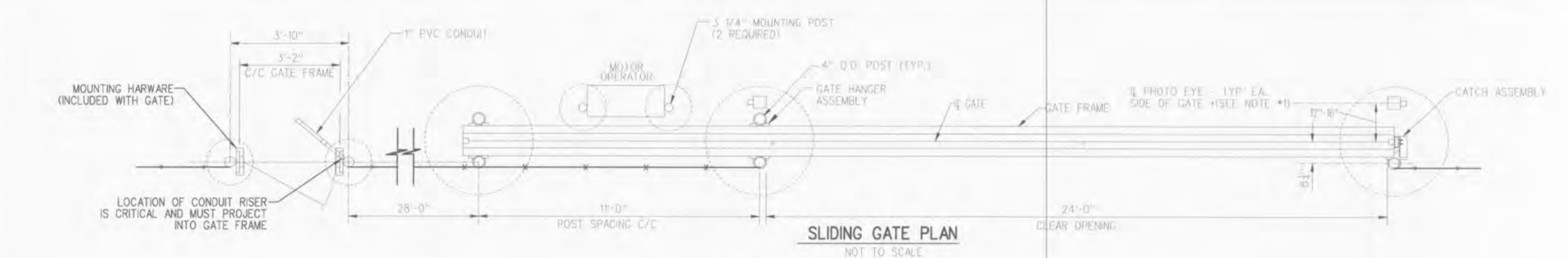
FENCE & GATE EXAMPLES



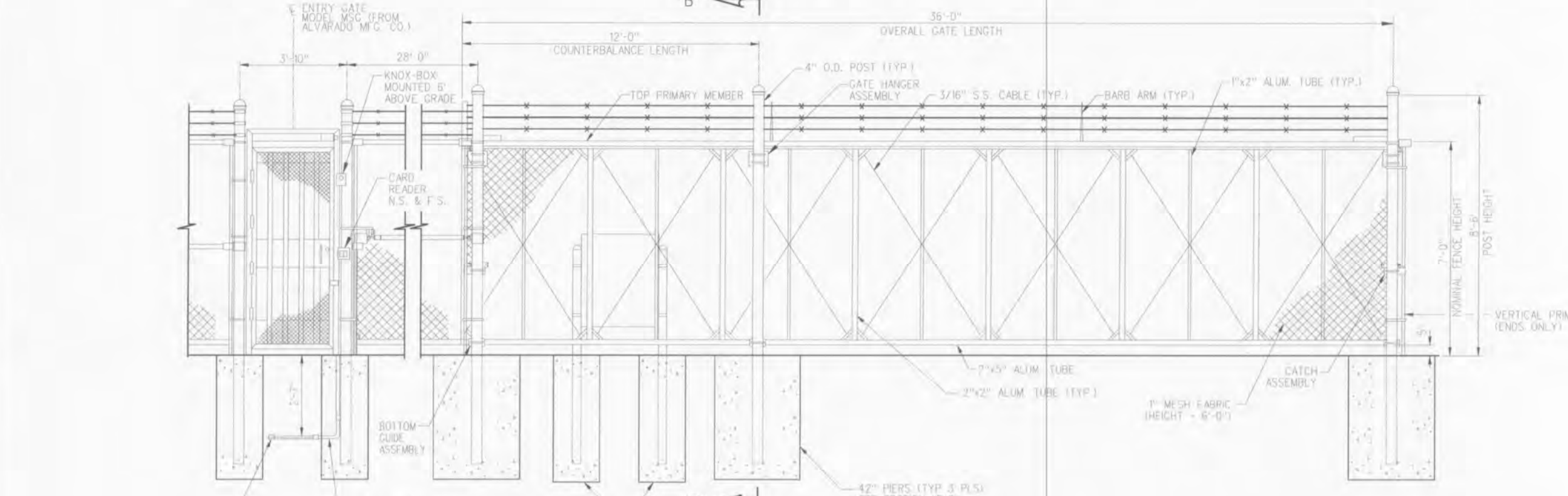
PLAN DETAIL - CARD READER @ SLIDE GATE



SECTION "D-D"

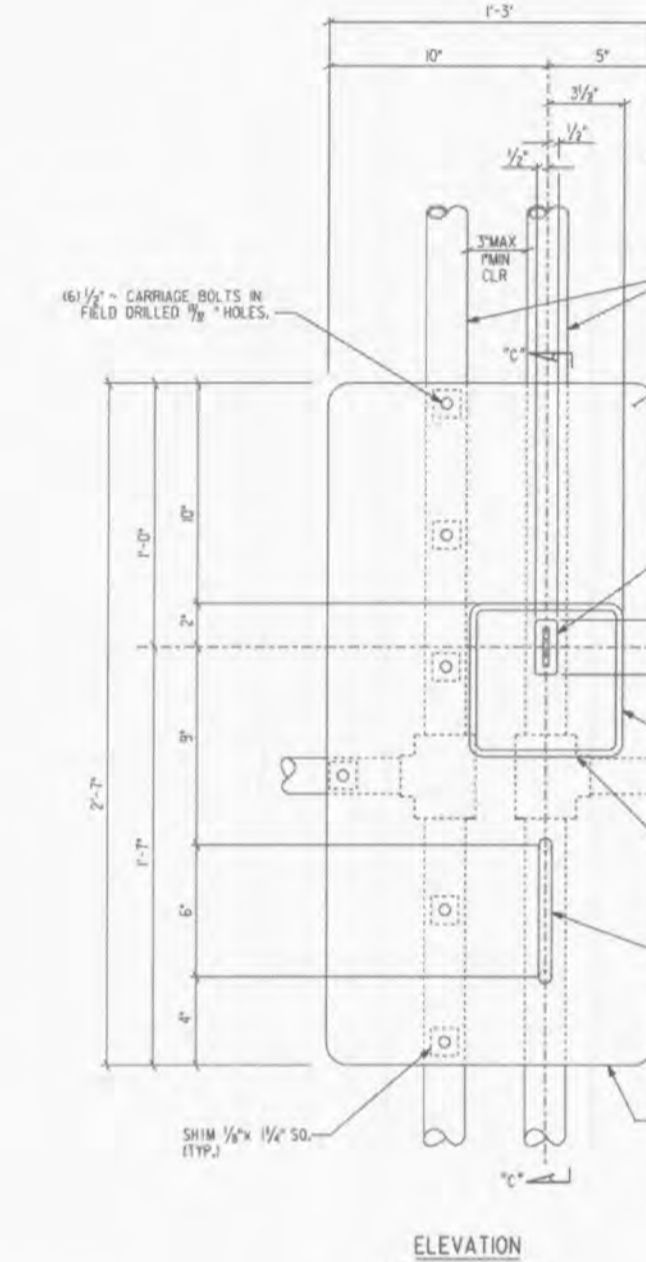


SLIDING GATE PLAN

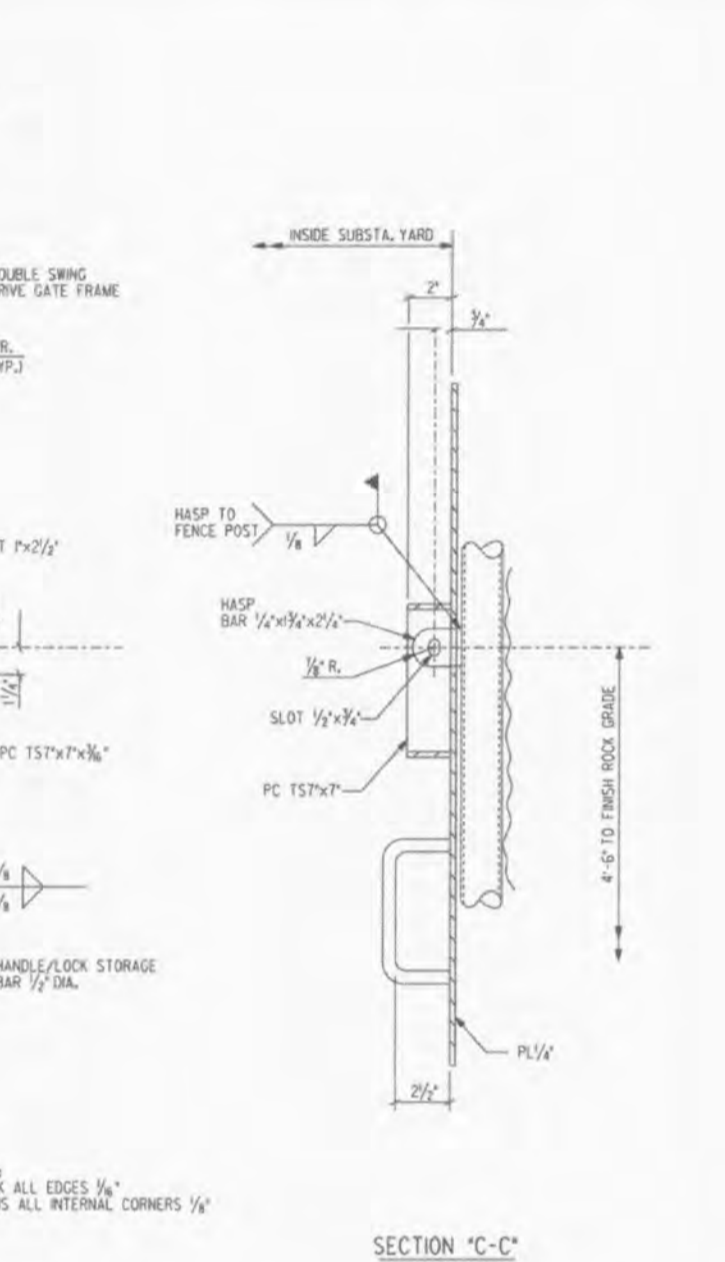


ELEVATION LOOKING FROM OUTSIDE SUBSTATION ENTRY & SLIDING GATE

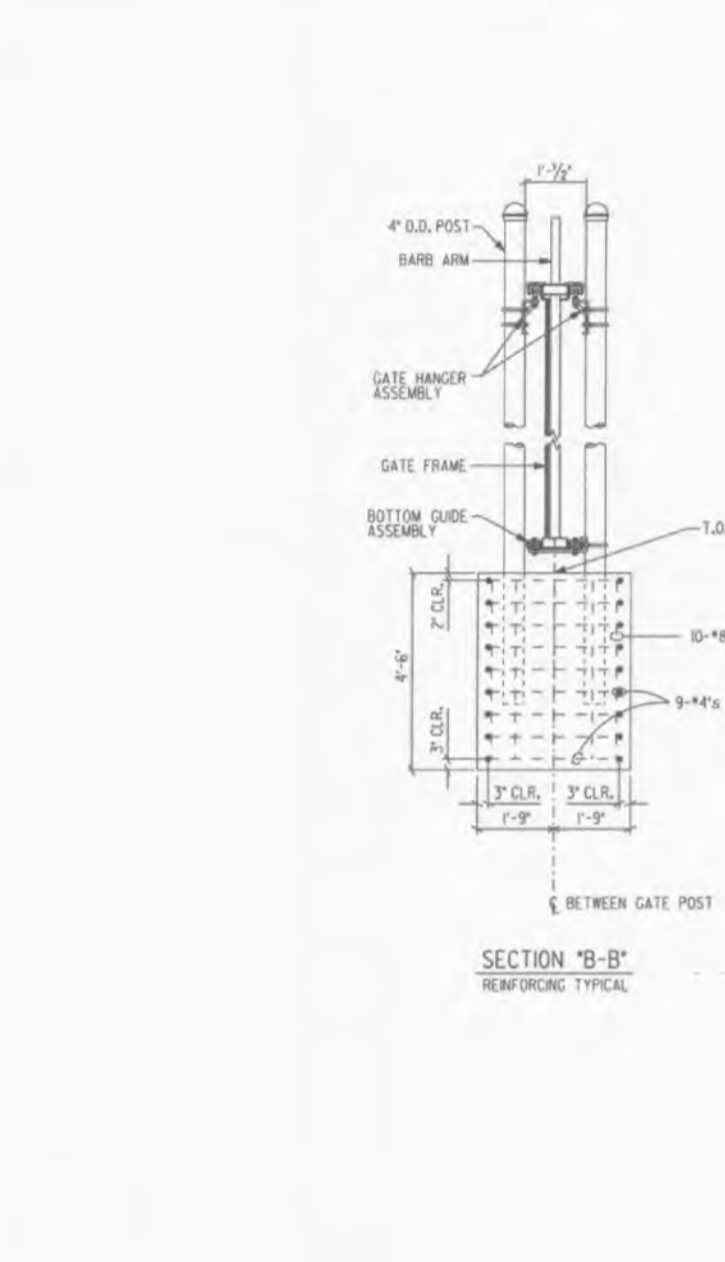
NOTE:
THIS DETAIL ORIENTATION WAS MODIFIED TO MATCH THE PROPOSED MAIN ACCESS GATE PLAN BELOW.



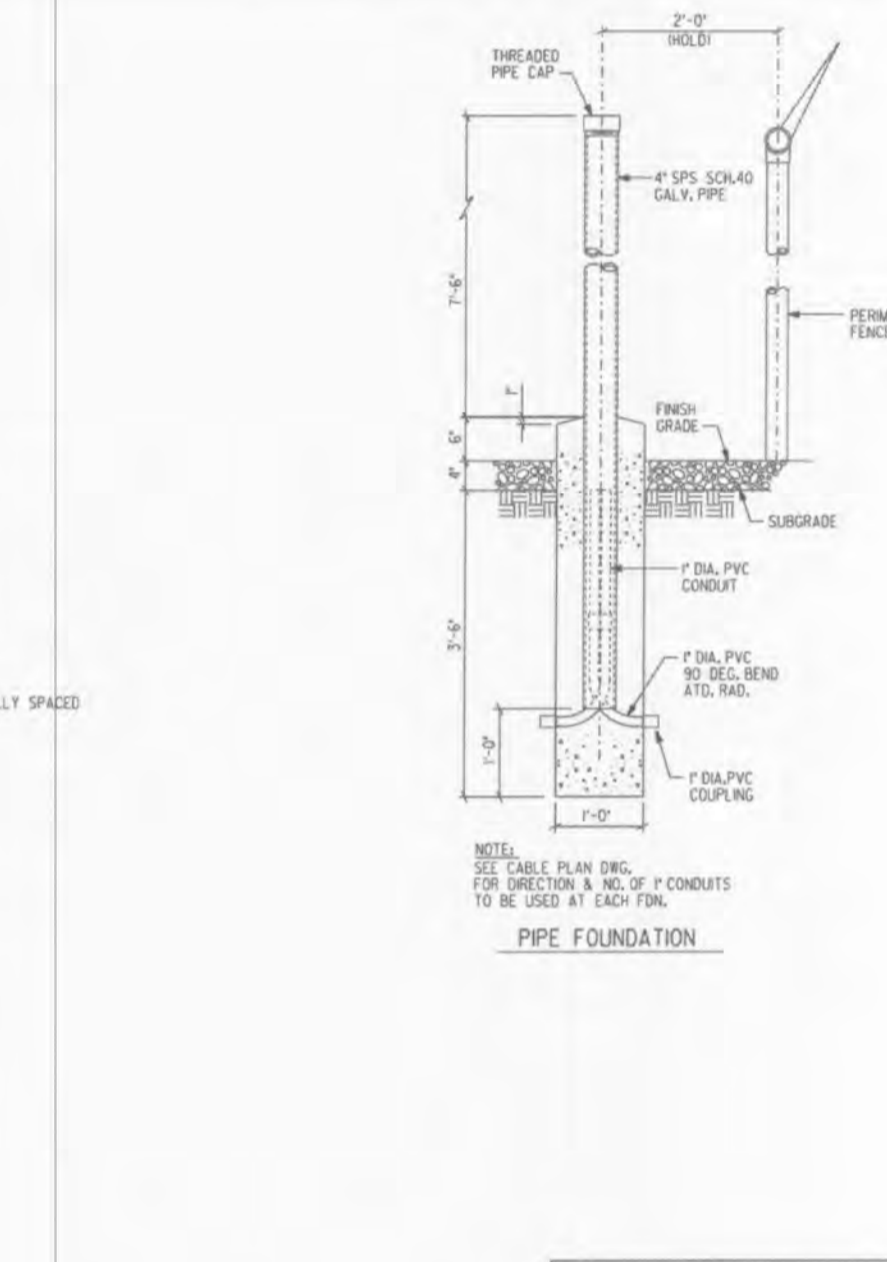
INSIDE ACCESS ONLY LOCK DETAIL



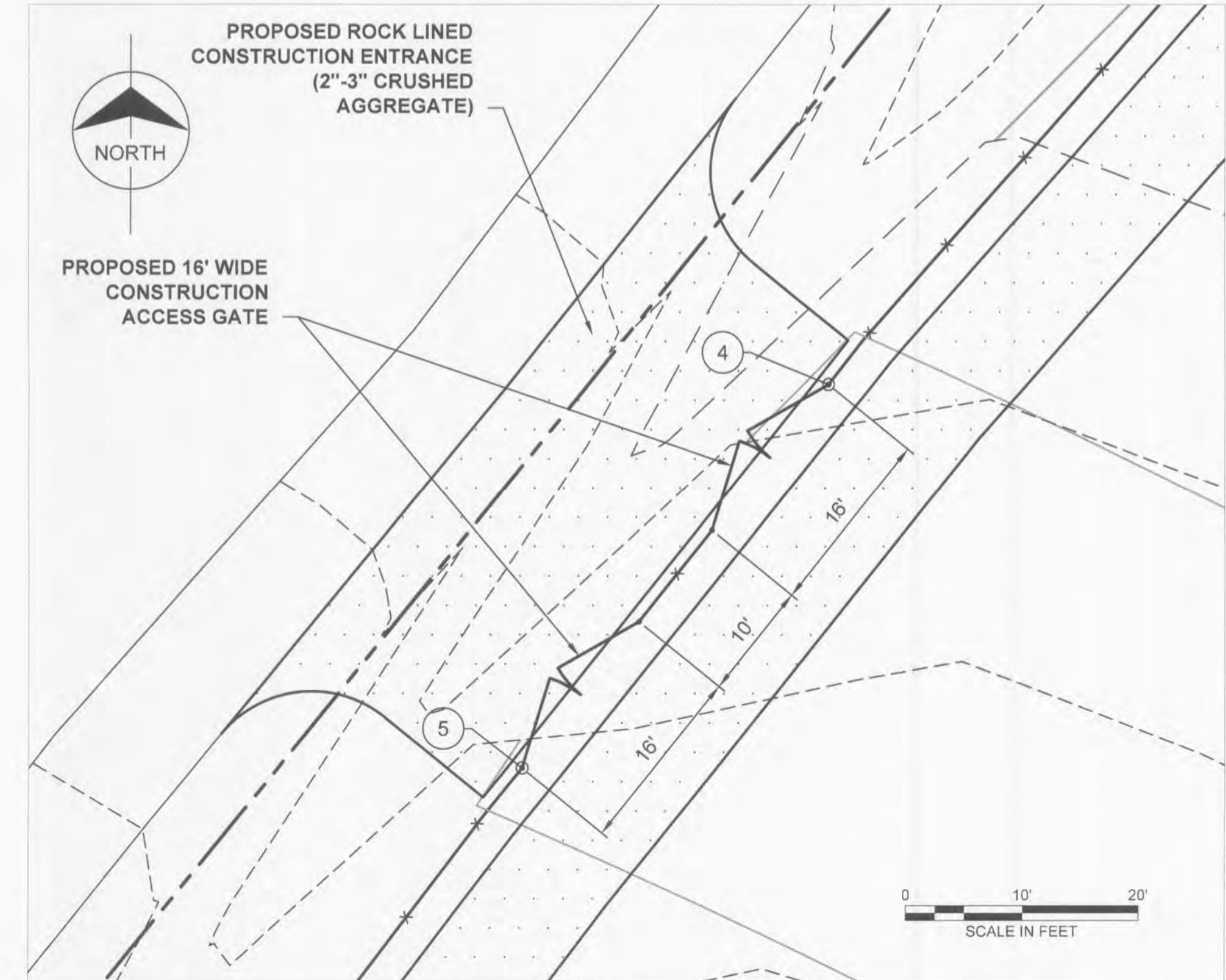
SECTION "C-C"



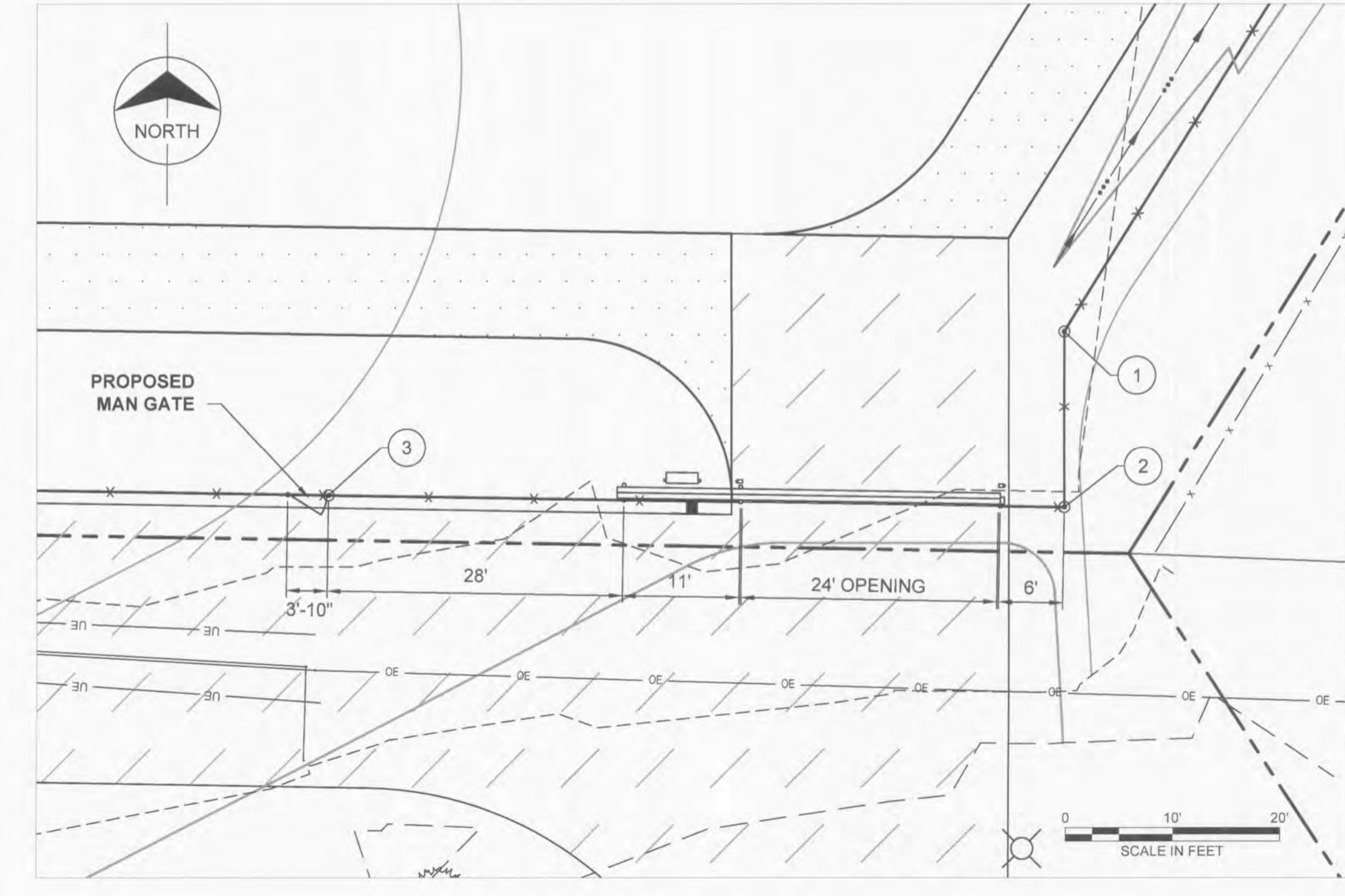
SECTION "B-B"



GATE & MISC. DETAILS EXAMPLES



CONSTRUCTION ACCESS GATE PLAN

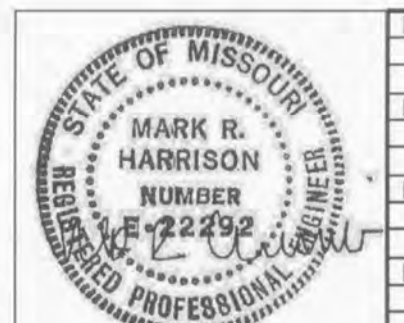


MAIN ACCESS GATE PLAN

FENCE POST COORDINATE TABLE		
POINT	NORTHING	EASTING
1	1089425.31	769916.77
2	1089408.92	769916.77
3	1089410.03	769847.44
4	1090618.86	769205.26
5	1090586.14	769178.93

NOTE:
COORDINATES SHOWN ARE APPROXIMATE POST LOCATIONS BASED ON THE DESIGN PLAN. ACTUAL POST LOCATIONS SHOULD BE FIELD ADJUSTED TO MATCH THE TYPICAL SECTIONS SHOWN ON SHEET CP02 BASED ON THE ACTUAL CONSTRUCTION CONDITIONS.

NOTE:
THE DETAILS SHOWN ON THIS SHEET ARE AMEREN TYPICAL FENCE DETAILS AS PROVIDED IN SECTION 02831 OF THE CONTRACT SPECIFICATION "POS-SPEC-000139" FOR PHOTOVOLTAIC SOLAR POWER INSTALLATION AT BELLEAU SUBSTATION.



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Date: 06/27/2014
Mark R. Harrison
Professional Engineer
#E-22292

REV	PROJ ID	DATE	DRWN	RW	APPR

O'FALLON RENEWABLE ENERGY CENTER

TYPICAL FENCE DETAILS

Ameren
CP13
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