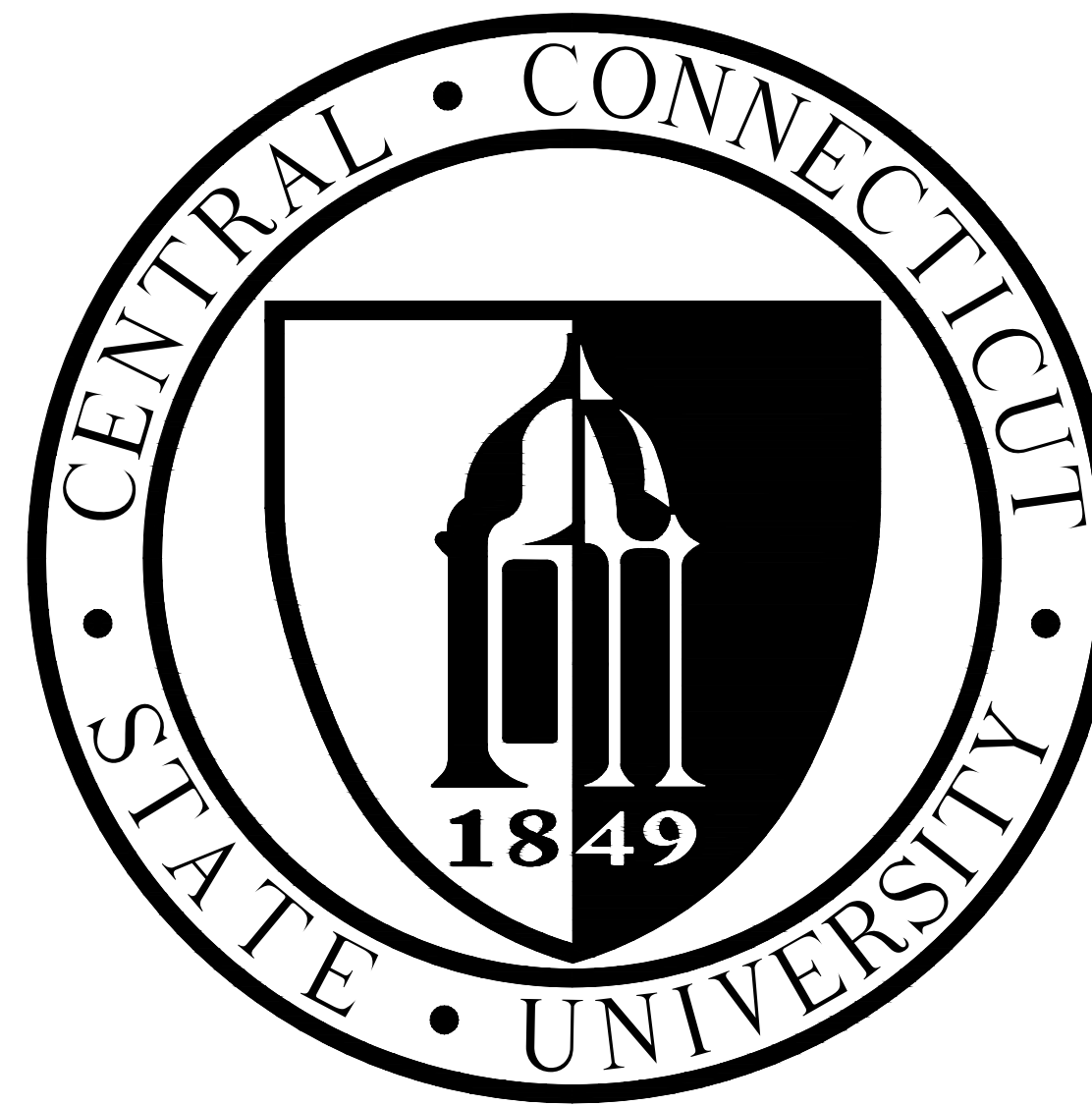


# Central Connecticut State University

1615 Stanley Street - New Britain, CT 06050



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ASSISTANT CHIEF ADMINISTRATIVE OFFICER

## TRACK & SOCCER FIELD FENCING

SEPTEMBER 1st, 2014

### LIST OF DRAWINGS

TITLE SHEET

S-1 FENCE AND GATES SITE PLAN

D-1 FENCE AND GATES DETAILS AND ELEVATIONS

Central  
Connecticut  
State  
University



1615 Stanley Street  
New Britain, CT 06050

REVISIONS

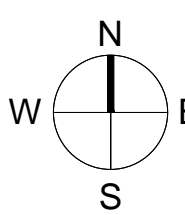
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TRACK AND  
SOCCER FIELDS

TRACK & SOCCER  
FIELD  
FENCING

KEY PLAN

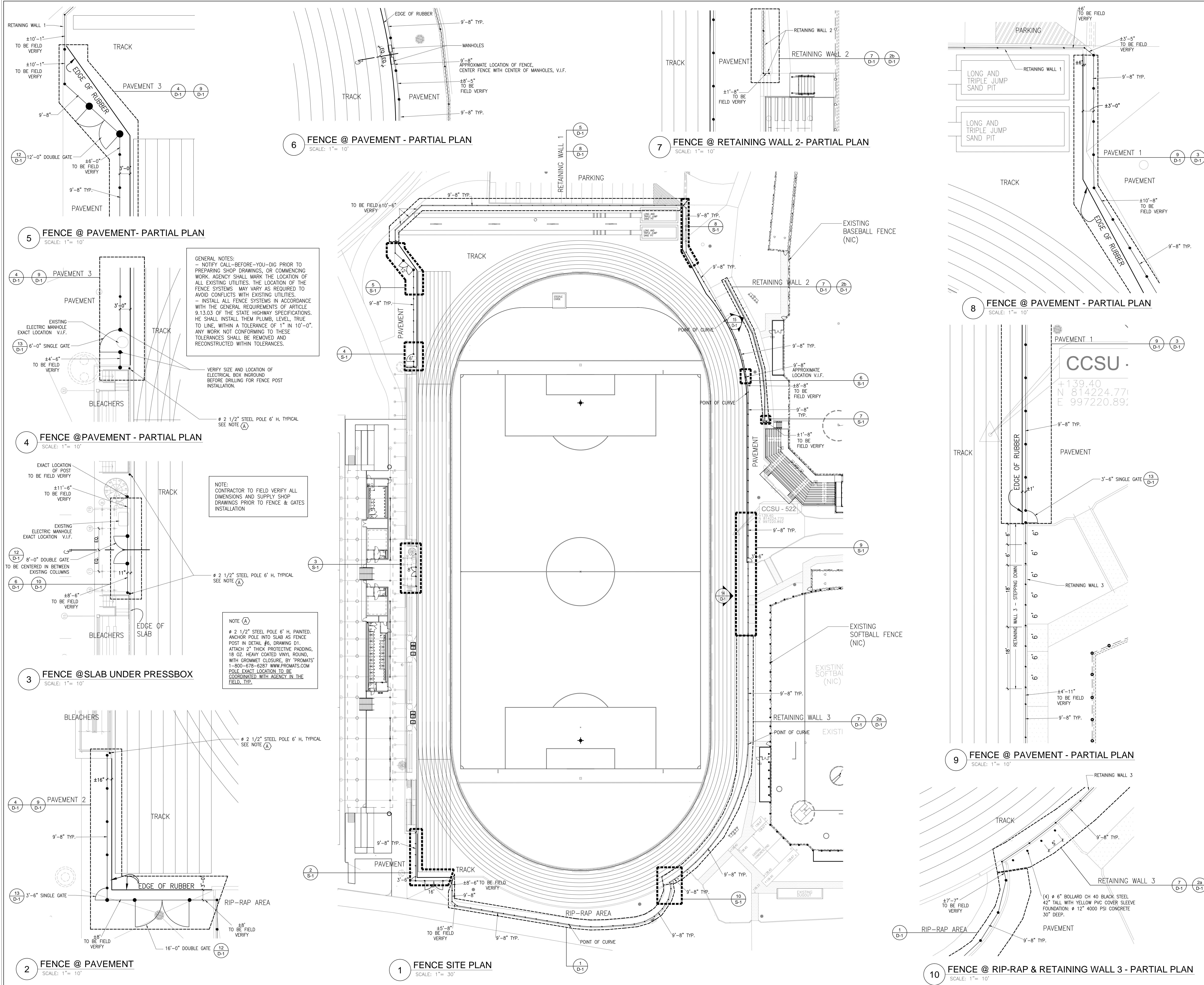
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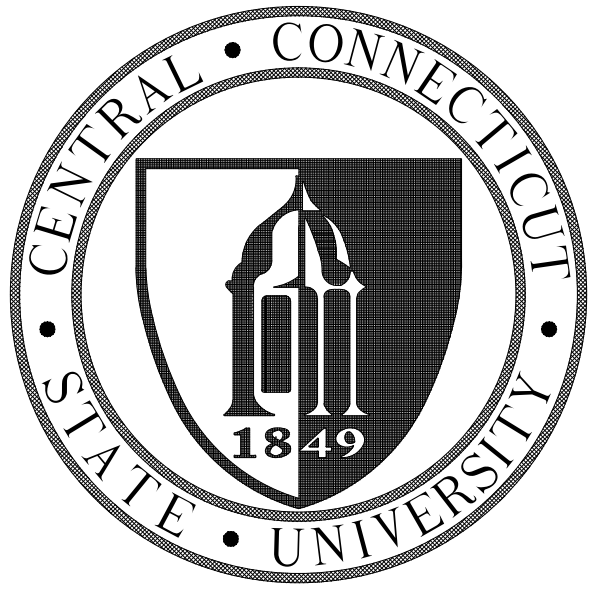
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DPW PROJECT No.:	---
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FENCE & GATES  
SITE PLAN

BUILDING No.:	DRAWING No.:
71	S1







REVISIONS

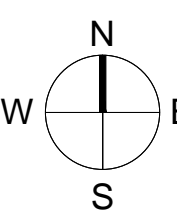
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TRACK AND  
SOCCER FIELDS

TRACK & SOCCER  
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FENCING

KEY PLAN

NOT TO SCALE



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DPW PROJECT No.:	---
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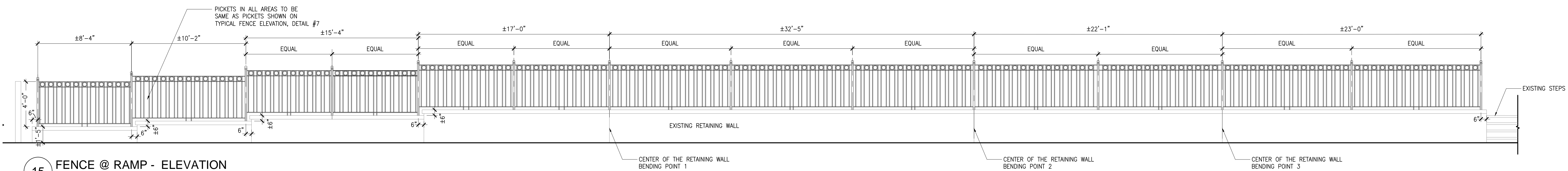
FENCE & GATES  
DETAILS AND  
ELEVATIONS

BUILDING No.:

DRAWING No.:

71

D1

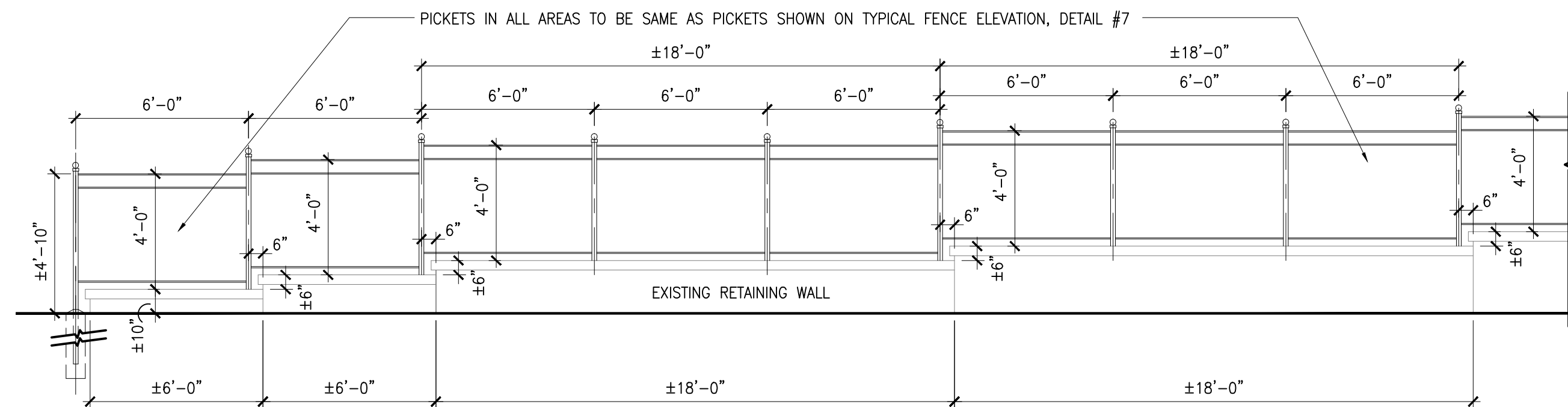


15 FENCE @ RAMP - ELEVATION

SCALE: 1/4" = 1'-0"

GENERAL NOTES:  
- NOTIFY CALL-BEFORE-YOU-DIG PRIOR TO PREPARING SHOP DRAWINGS, OR COMMENCING WORK. AGENCY SHALL MARK THE LOCATION OF ALL EXISTING UTILITIES. THE LOCATION OF THE FENCE SYSTEMS MAY VARY AS REQUIRED TO AVOID CONFLICTS WITH EXISTING UTILITIES.  
- INSTALL ALL FENCE SYSTEMS IN ACCORDANCE WITH THE GENERAL REQUIREMENTS OF ARTICLE 9.13.03 OF THE STATE HIGHWAY SPECIFICATIONS. HE SHALL INSTALL THEM PLUMB, LEVEL, TRUE TO LINE, WITHIN A TOLERANCE OF 1" IN 10'-0". ANY WORK NOT CONFORMING TO THESE TOLERANCES SHALL BE REMOVED AND RECONSTRUCTED WITHIN TOLERANCES.

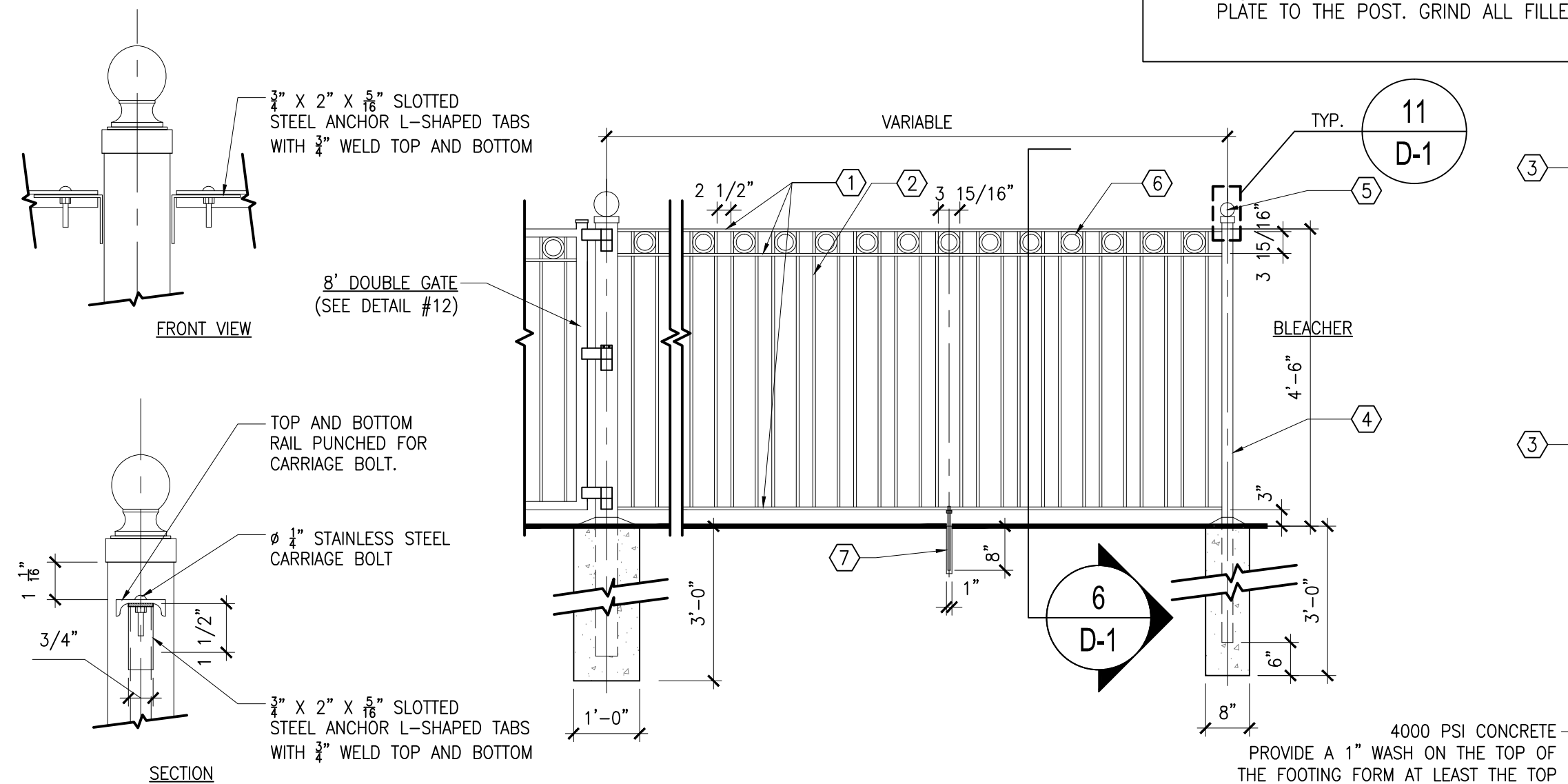
NOTE:  
CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND SUPPLY SHOP DRAWINGS PRIOR TO FENCE & GATES INSTALLATION



14 FENCE @ RETAINING WALL - PARTIAL ELEVATION

SCALE: 1/4" = 1'-0"

NOTE:  
SPACING BETWEEN PICKETS & BETWEEN POST AND ADJOINING PICKETS SHOULD NEVER EXCEED 3 15/16" IN ALL FENCE PANELS (TYPICAL AND VARIABLE) & ALL GATES.



11 FENCE ANCHOR DETAILS, TYPICAL

SCALE: 3" = 1'-0"

10 TYPICAL FENCE ELEVATION @ CONCRETE SLAB UNDER THE PRESS BOX

SCALE: 1/2" = 1'-0"

13 3'-6" & 6'-0" WIDE SINGLE GATE ELEVATION

N.T.S.

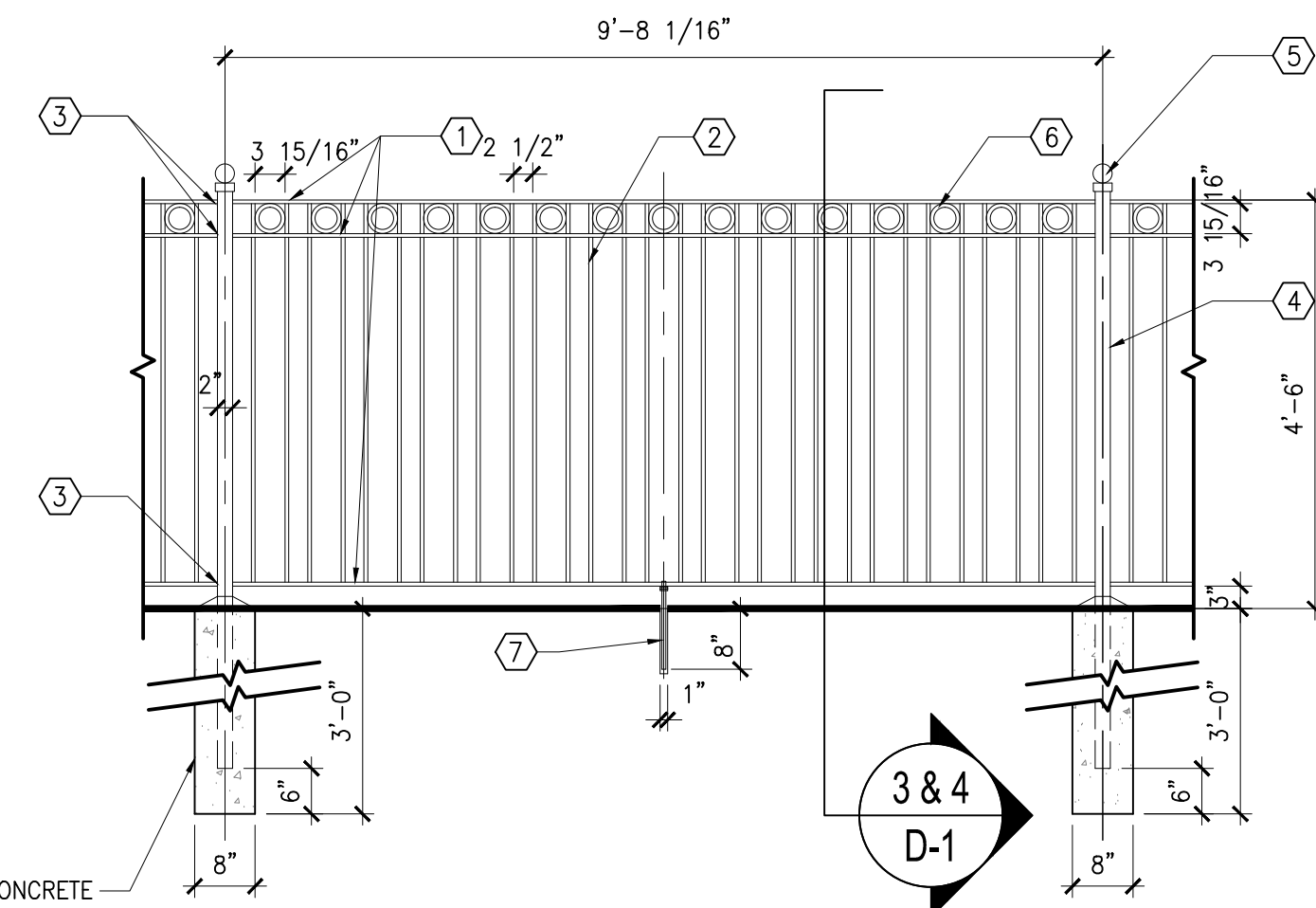
12 SHOWN ONE SIDE ONLY 8'-0", 12'-0" & 16'-0" WIDE DOUBLE GATE ELEVATION

N.T.S.

FENCE PANEL REFERENCE

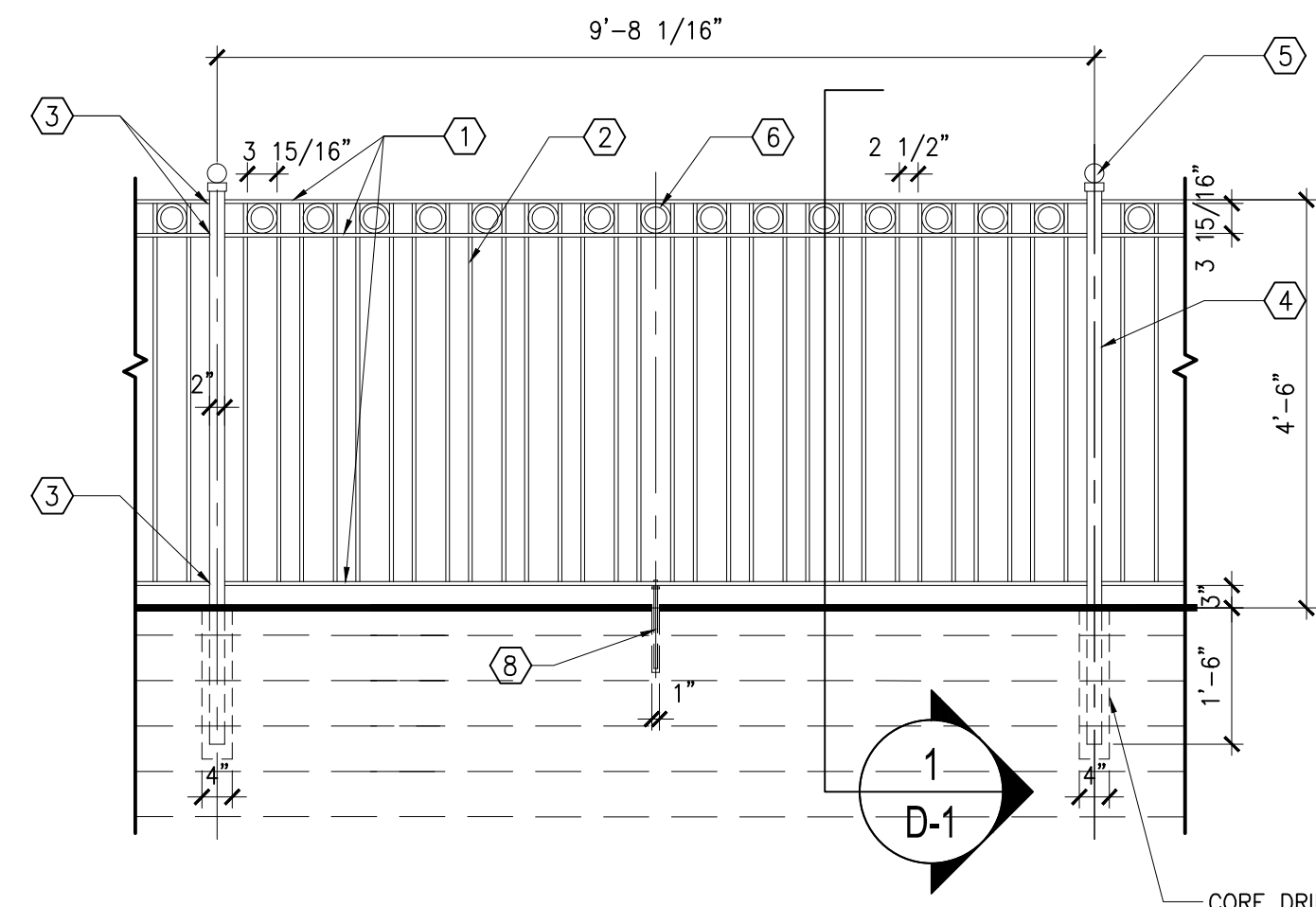
- 1 TOP, INTERMEDIATE AND BOTTOM RAIL: 1 1/2" x 1/2" x 1/8" STEEL CHANNEL, PREPUNCH FOR PICKETS
- 2 FENCE PICKETS: 3/4" x 3/4" x 1/8" SOLID STEEL BAR STOCK. WELD CONTINUOUSLY, 2 SIDES, TO THE UNDERSIDE OF THE BOTTOM, INTERMEDIATE AND TOP RAILS.
- 3 FENCE PANEL ANCHOR
- 4 FENCE POST: 2" x 2" x 1/8" STEEL TUBE
- 5 POST CAP: 2 1/2" x 3/4" HOLLOW STEEL BALL, PLUG WELDED THRU A 1/2" HOLE IN A 2 1/2" x 2 1/2" x 3/8" THICK STEEL POST CAP PLATE WITH 1/8" RADIUS CORNERS. CONTINUOUSLY WELD THE CAP PLATE TO THE POST. GRIND ALL FILLET WELDS TO A UNIFORM RADIUS AND FINISH SMOOTH.

- 6 ORNAMENTAL RINGS: 3/4" x 1/2" x 3/8" SOLID STEEL RING WELD AT QUARTER POINTS TO THE PICKETS, THE INTERMEDIATE RAIL AND THE TOP RAIL BAR. GRIND AND FINISH ALL WELDS.
- 7 FOR ALL PANELS 8'-0" LONG OR MORE: @ CENTER OF FENCE PANEL, PREDRILL A 5/8" HOLE. CORE DRILL 1/2", 8" DEEP INTO PAVEMENT TO ANCHOR A 1/2" TREADED GALVANIZED ROD 8" LONG WITH DOUBLE NUT AT THE BOTTOM. FILL WITH HIGH STRENGTH GROUT.
- 8 FOR ALL PANELS 8'-0" LONG OR MORE: @ CENTER OF FENCE PANEL, PREDRILL A 5/8" HOLE. CORE DRILL 1/2", 8" DEEP INTO WALL TO ANCHOR A 1/2" TREADED GALVANIZED ROD 8" LONG WITH DOUBLE NUT AT THE BOTTOM. FILL WITH HIGH STRENGTH GROUT.



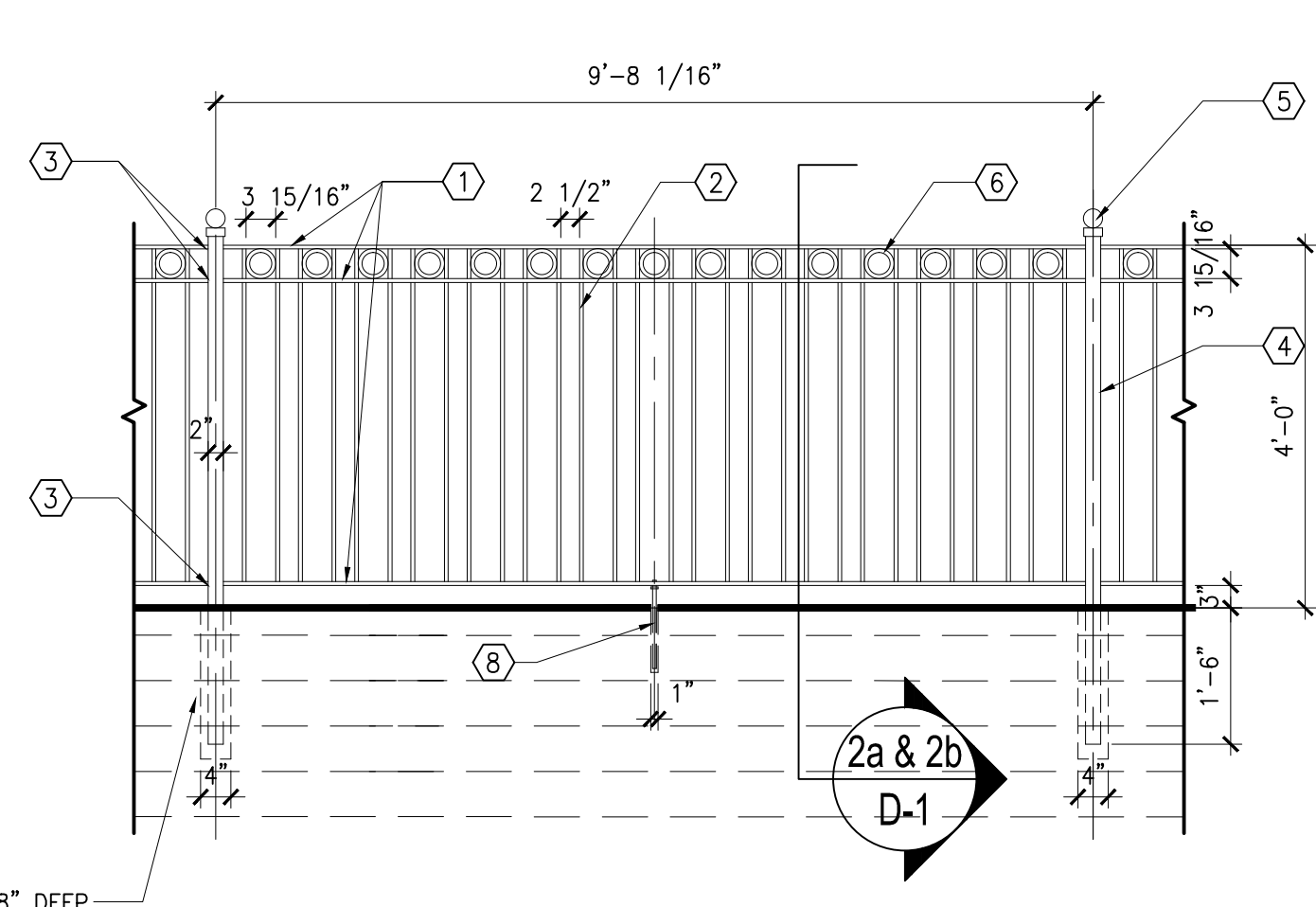
9 TYPICAL FENCE ELEVATION @ PAVEMENT AREAS

SCALE: 1/2" = 1'-0"



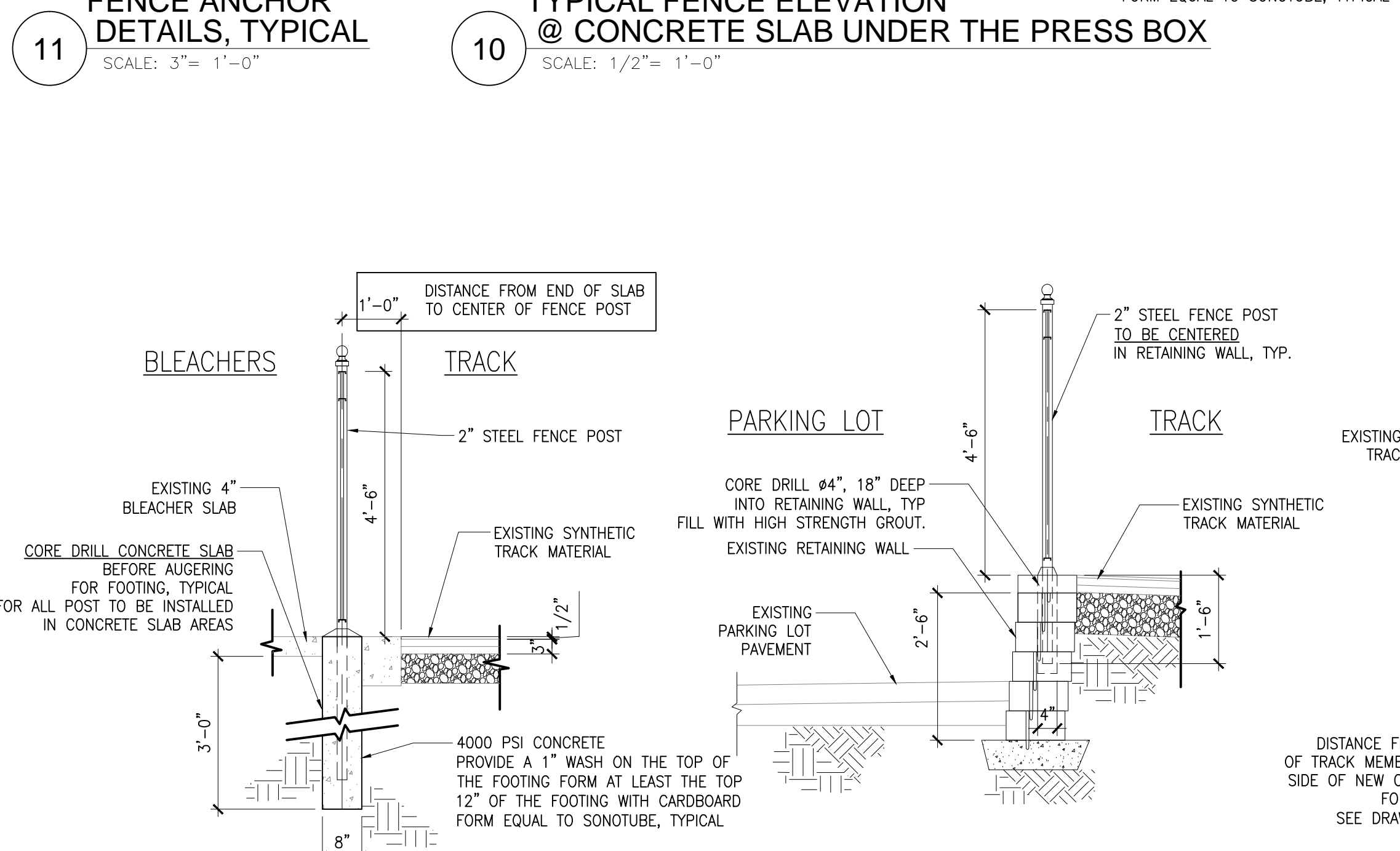
8 TYPICAL FENCE ELEVATION @ RETAINING WALL 1

SCALE: 1/2" = 1'-0"



7 TYPICAL FENCE ELEVATION @ RETAINING WALL 2 @ 3

SCALE: 1/2" = 1'-0"



6 FENCE DETAIL @ CONCRETE SLAB

SCALE: 1/2" = 1'-0"

5 FENCE DETAIL @ RET. WALL 1

SCALE: 1/2" = 1'-0"

4 FENCE DETAIL @ PAVEMENT 2 & 3

SCALE: 1/2" = 1'-0"

3 FENCE DETAIL @ PAVEMENT 1

SCALE: 1/2" = 1'-0"

2b FENCE DETAIL @ RET. WALL 2

SCALE: 1/2" = 1'-0"

2a FENCE DETAIL @ RET. WALL 3

SCALE: 1/2" = 1'-0"

1 FENCE DETAIL BESIDES CURB

SCALE: 1/2" = 1'-0"