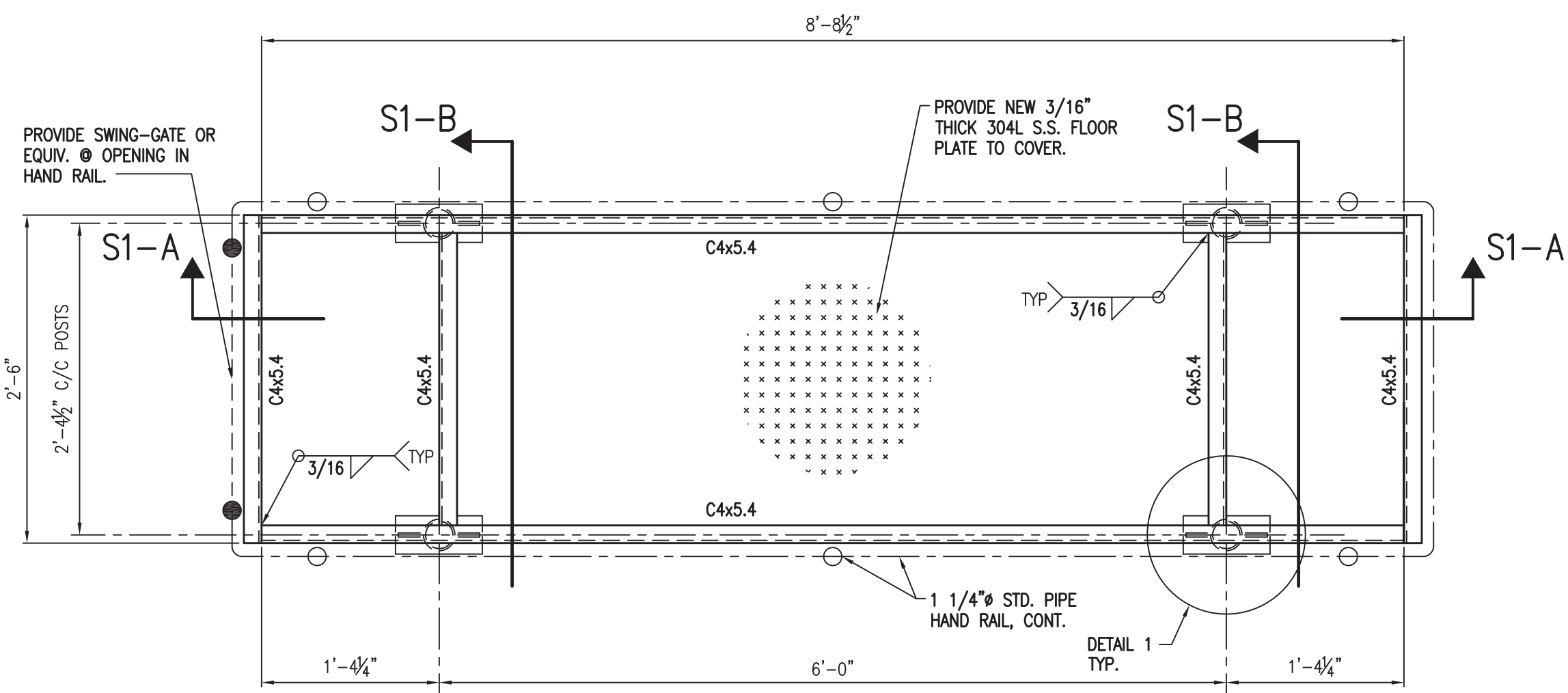
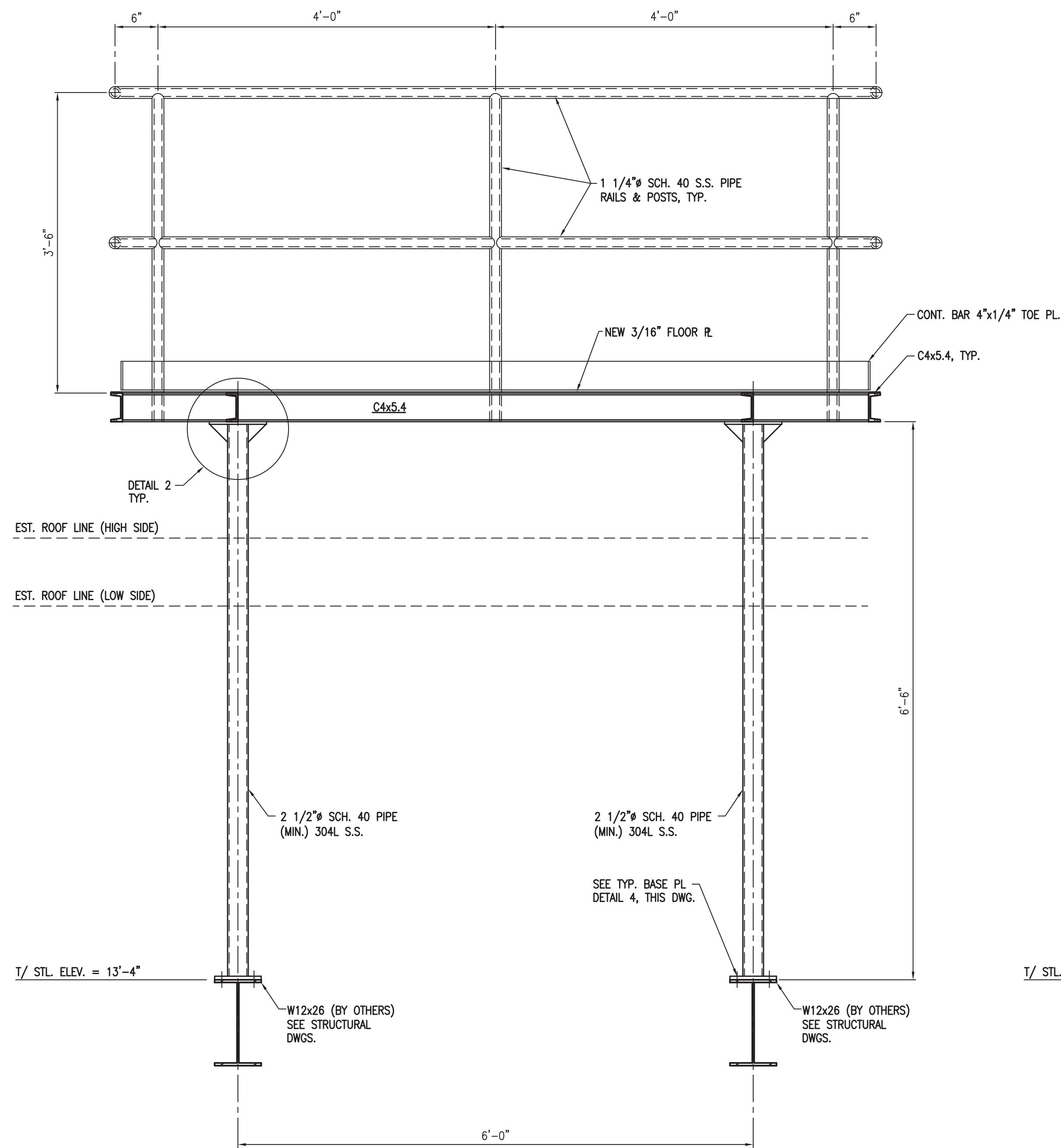




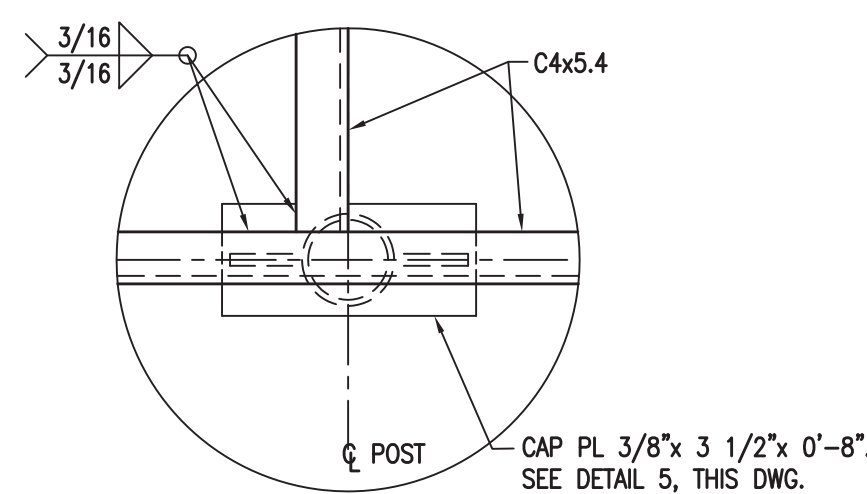
MAINTENANCE PLATFORM PLAN VIEW

SCALE: 1"=1'-0"



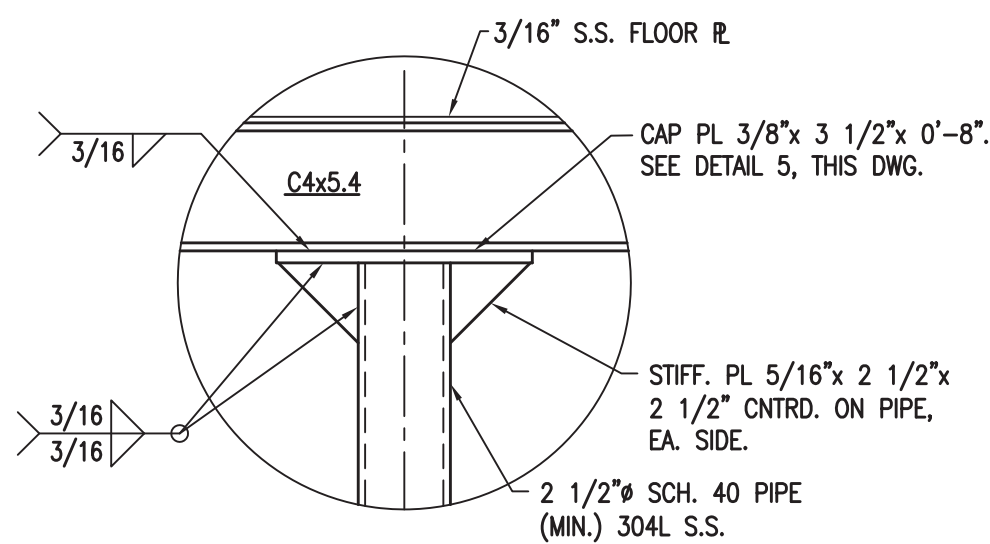
S1-A: PLATFORM ELEVATION VIEW

SCALE: 1"=1'-0"



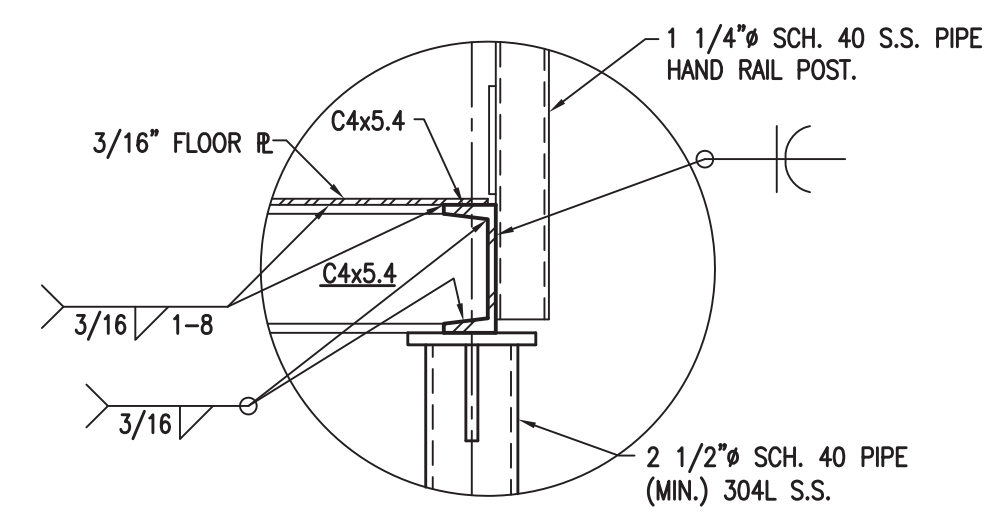
DETAIL 1

SCALE: 1"=1'-0"



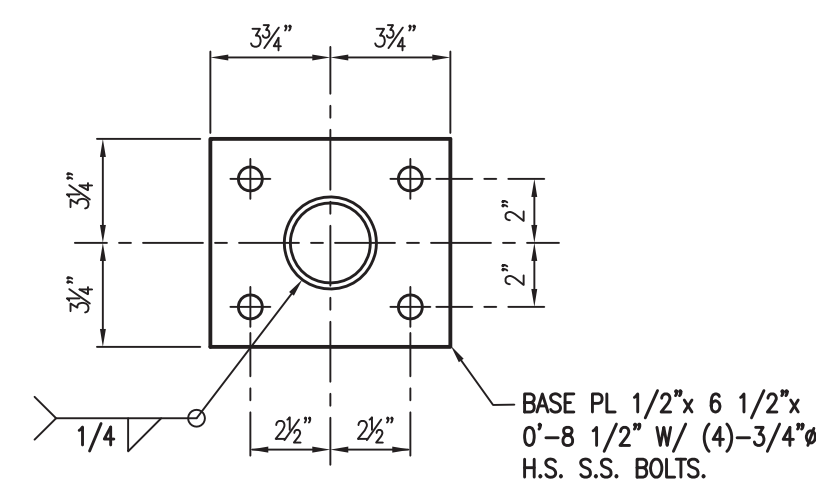
DETAIL 2

SCALE: 1"=1'-0"



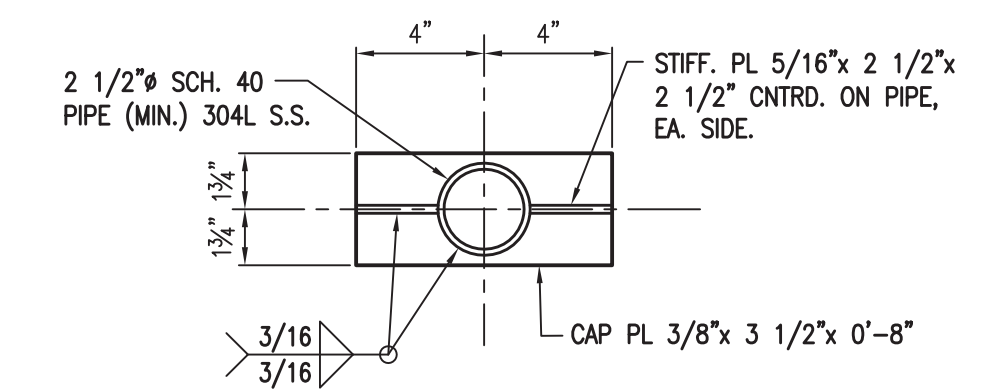
DETAIL 3

SCALE: 1"=1'-0"



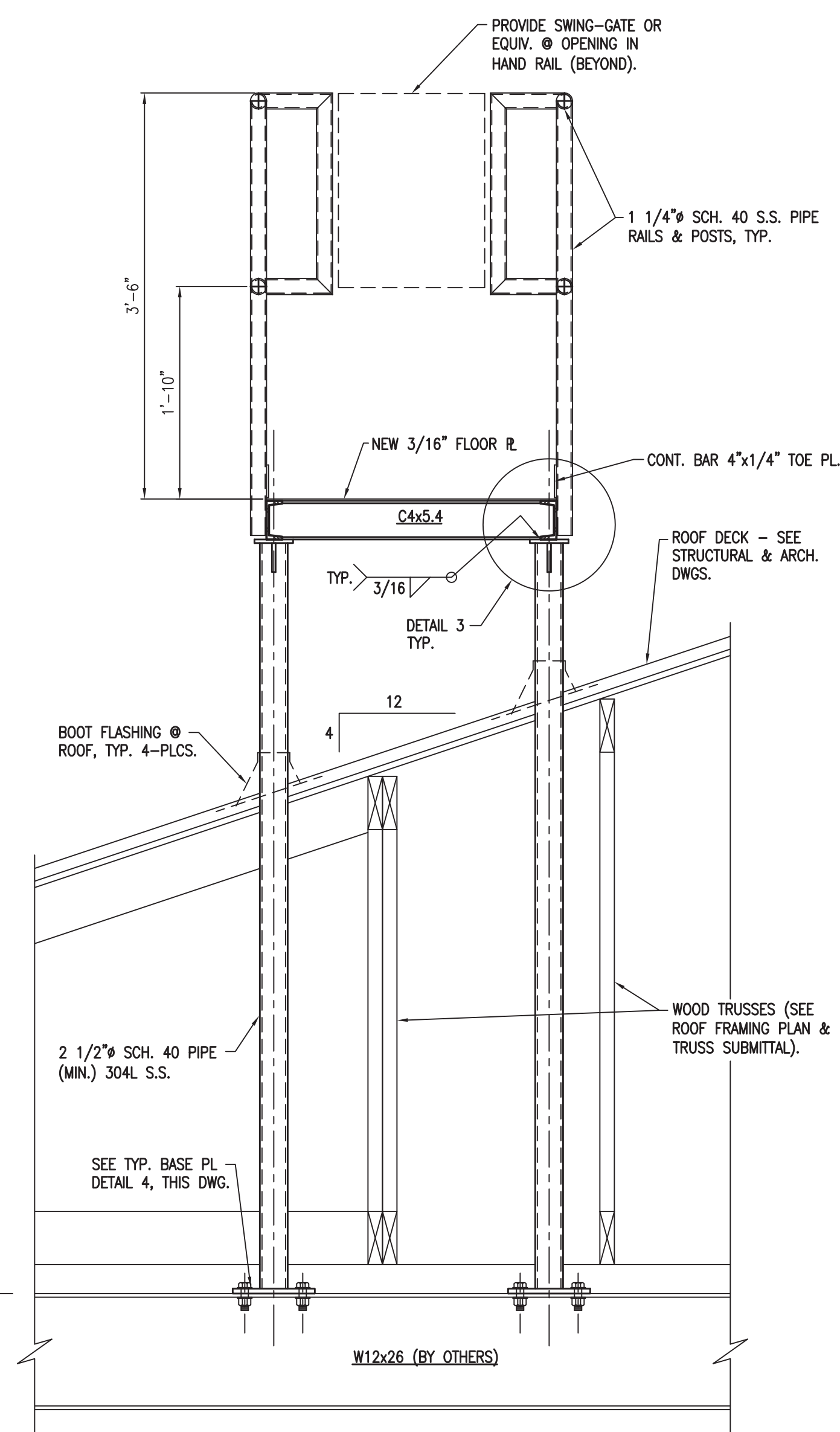
DETAIL 4

SCALE: 1"=1'-0"



DETAIL 5

SCALE: 1"=1'-0"

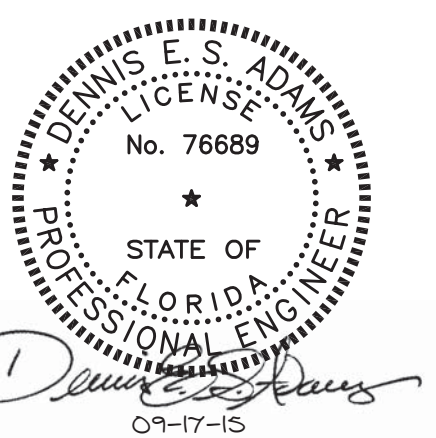


S1-B: PLATFORM ELEVATION VIEW

SCALE: 1"=1'-0"

GENERAL NOTES

- DESIGN LOADS
 - NEW PLATFORM LIVE LOAD..... 60 PSF
- DESIGN WIND LOADS
 - ULTIMATE DESIGN WIND SPEED..... $V_{ult} = 130$ MPH
 - NOMINAL DESIGN WIND SPEED..... $V_{nd} = 101$ MPH
 - RISK CATEGORY..... II
 - WIND EXPOSURE CATEGORY "C"
- SNOW LOADS
 - GROUND SNOW LOAD P_g 0 PSF
- SEISMIC DESIGN
 - SEISMIC IMPORTANCE FACTOR..... $I = 1.00$
 - MAPPED SPECTRAL RESPONSE ACCELERATIONS.....
 $S_{a1} = 0.126$
 $S_{a2} = 0.066$
 - SITE CLASS "D"
 - SPECTRAL RESPONSE COEFFICIENTS..... $S_{w1} = 0.135$
 $S_{w2} = 0.105$
 - SEISMIC DESIGN CATEGORY "B"
 - NON BUILDING STRUCTURE TYPE:
NOT DETAILED FOR SEISMIC RESISTANCE
- CODES
 - FLORIDA BUILDING CODE, 5TH EDITION & IBC 2012.
 - ALL STEEL WORK SHALL COMPLY WITH APPLICABLE STANDARDS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INCLUDING THE SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, LATEST EDITION AND THE AMERICAN WELDING SOCIETY'S STRUCTURAL WELDING CODE, AWS D1.1-LATEST EDITION.
- STRUCTURAL STEEL
 - ALL STEEL SHALL BE AISI TYPE 304L STAINLESS STEEL.
 - STRUCTURAL CHANNEL SECTIONS SHALL CONFORM TO ASTM A276, 304L S.S.
 - ALL PIPE SECTIONS SHALL CONFORM TO ASTM A312 SCHEDULE 40 UNLESS NOTED OTHERWISE.
 - ELECTRODES SHALL BE 308L STAINLESS STEEL.
 - ALL BOLTS SHALL CONFORM TO ASTM A320 GR. B8 OR EQUIVALENT AISI 304 S.S.



PI-TECH, INC.

P.O. BOX 15268
FERNANDINA BEACH, FL ~ 904.556.7087

ROOFTOP MAINTENANCE PLATFORM
ST. FRANCIS OF ASSISI CATHOLIC CHURCH

TIM YOUNG CONSTRUCTION, INC.
JACKSONVILLE, FL

REVISIONS

DRWN BY: DESA

CHECKED BY: DSP

DATE: SEPTEMBER 17, 2015

SHEET NO.

S-1
SHEET 1 OF 1