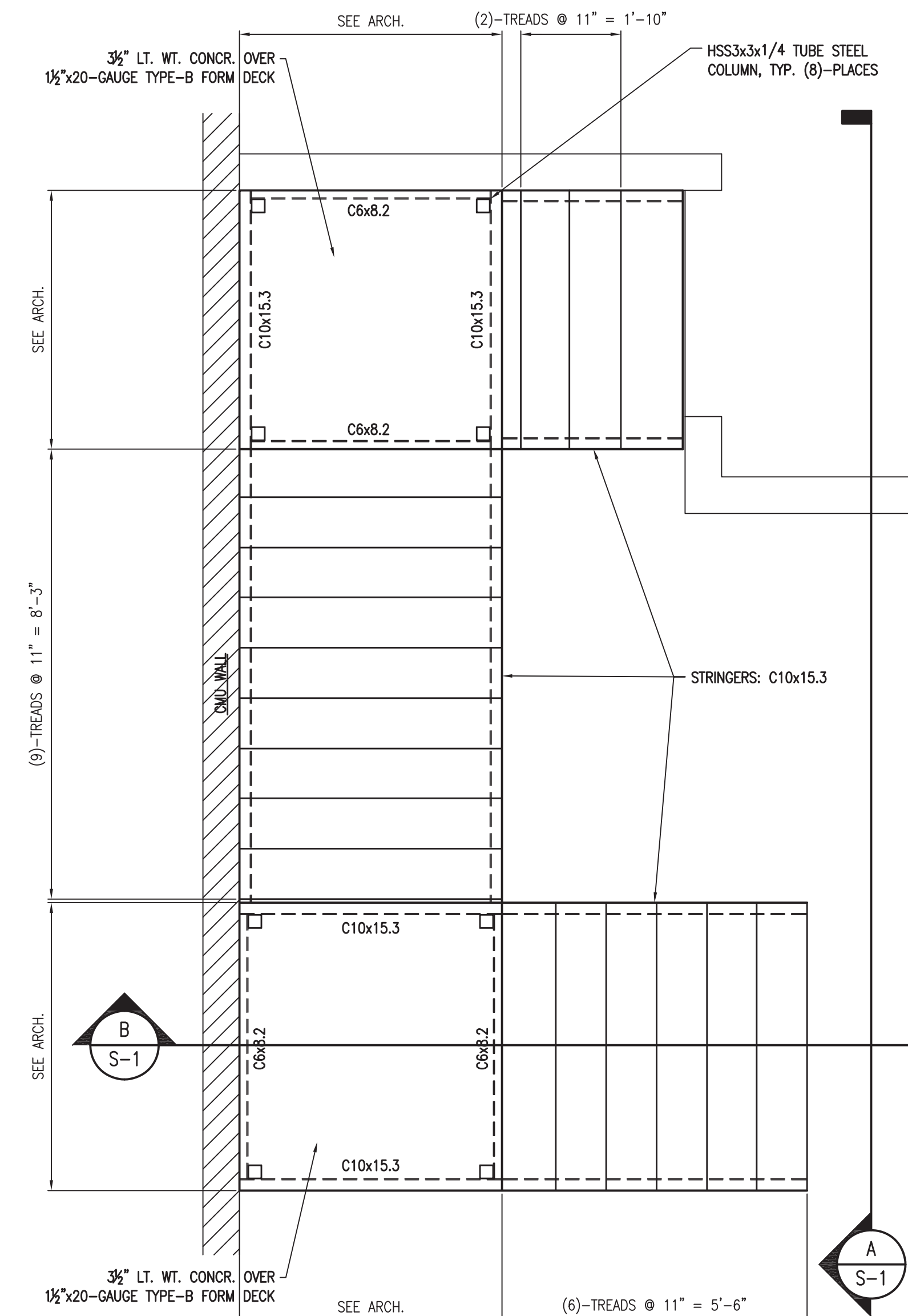




NEW STAIR PLAN VIEW

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

NOTE: REF. ARCHITECTURAL PLANS FOR EXISTING CONDITIONS & LOCATION OF STAIR.

T/3RD LANDING = 11'-3 1/2"

T/2ND LANDING = 9'-6 1/4"

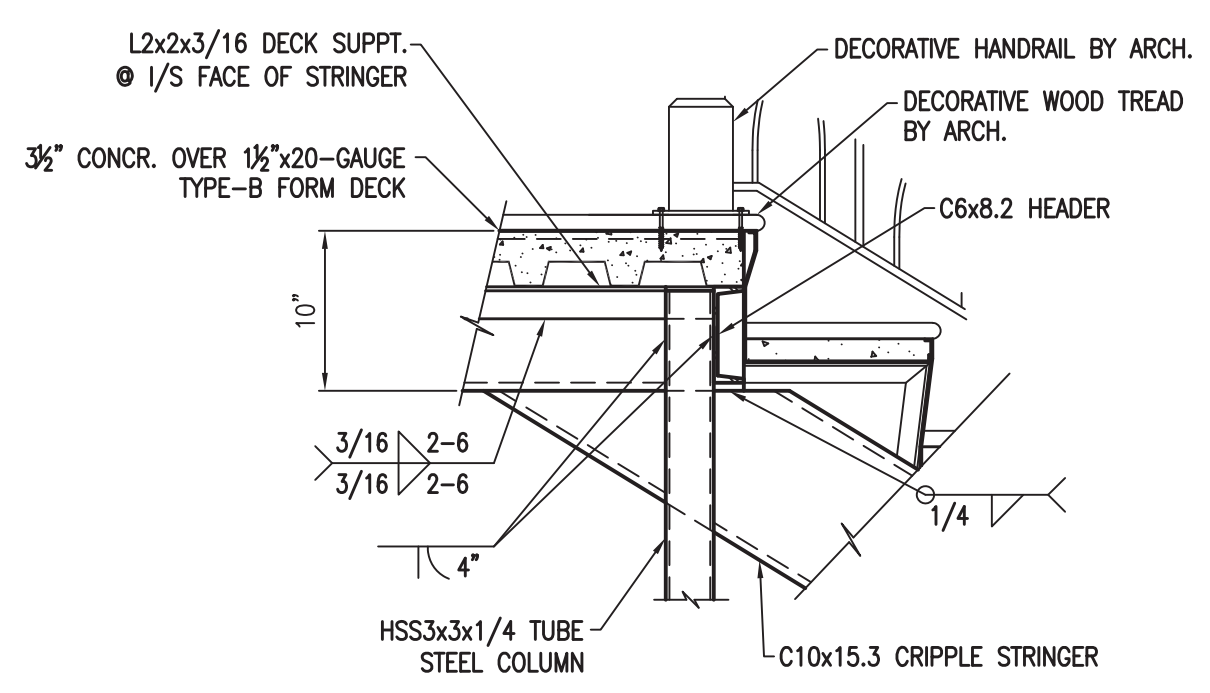
T/1ST LANDING = 3'-1 1/2"

GRADE = 0'-0"

A
S-1

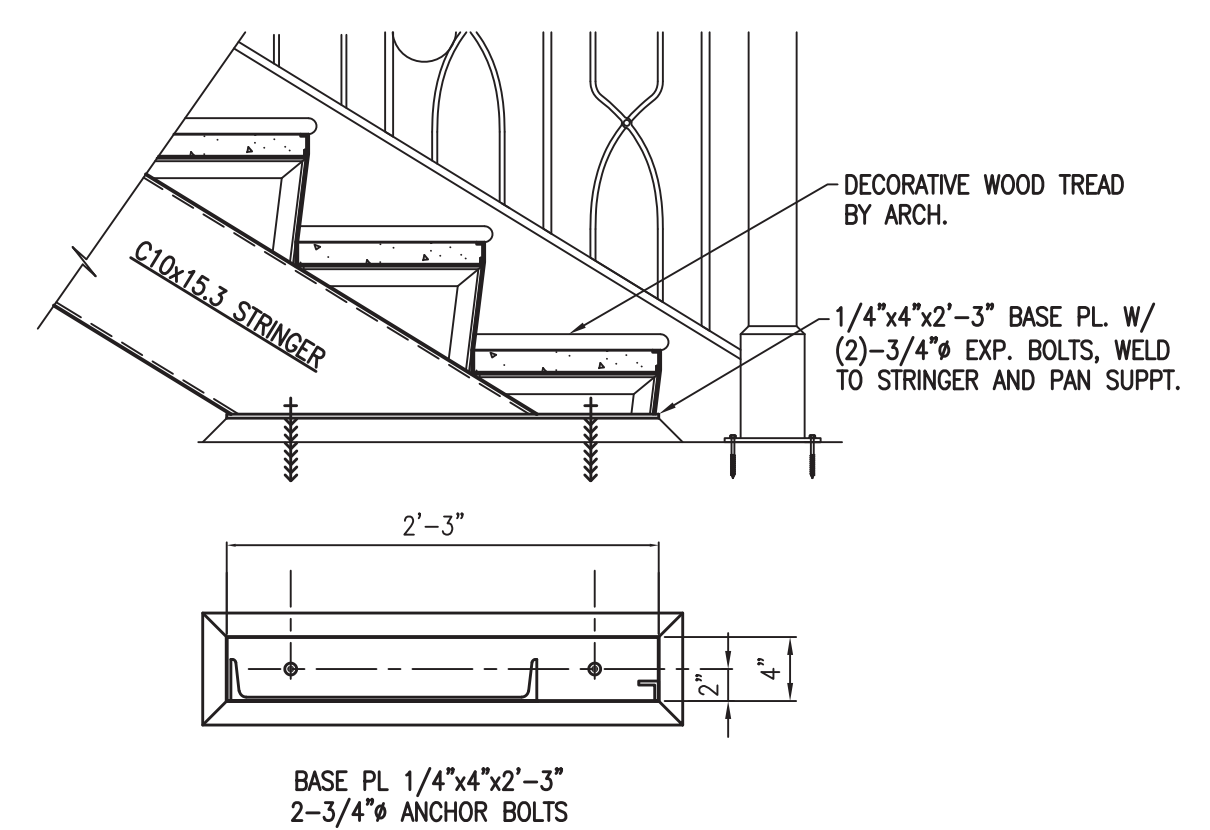
SECTION AT BALCONY

SCALE: NONE



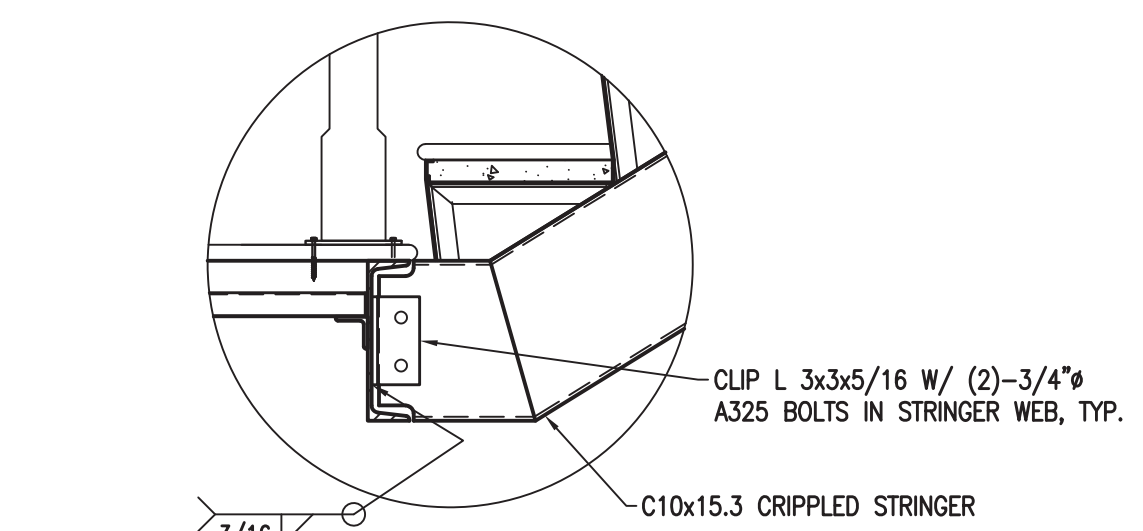
TYPICAL STRINGER @ LANDING

SCALE: NONE



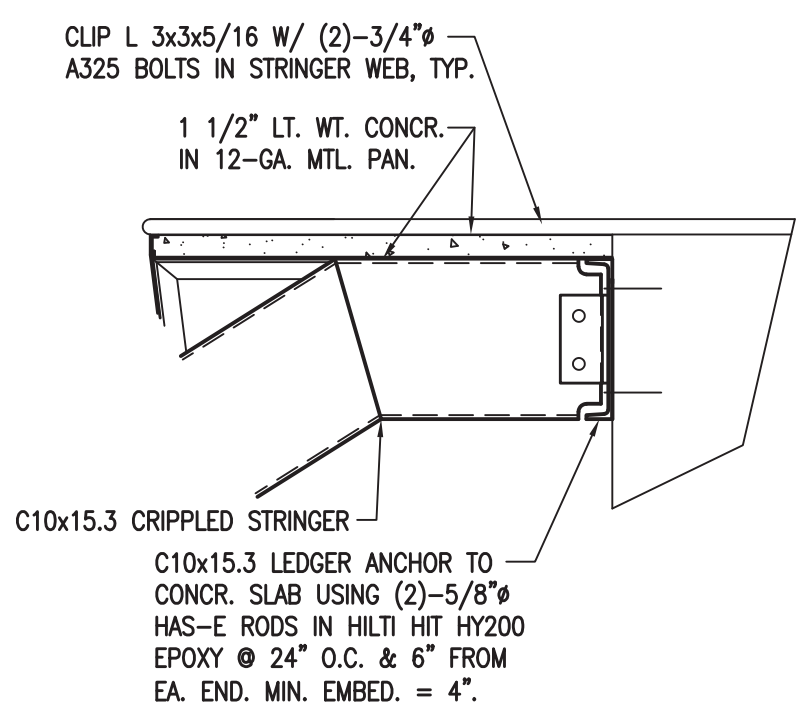
TYPICAL STRINGER BASE DETAIL

SCALE: NONE



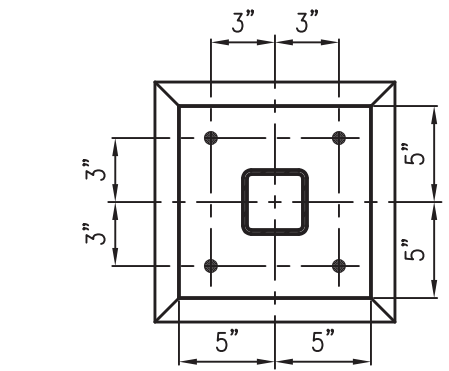
DETAIL 1 - TYPICAL STRINGER CONNECTION

SCALE: NONE



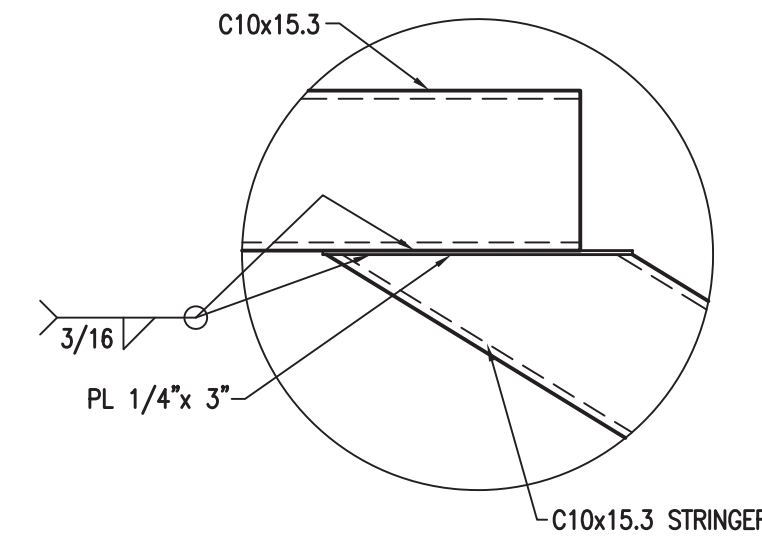
DETAIL 2 - TYPICAL STRINGER CONNECTION

SCALE: NONE



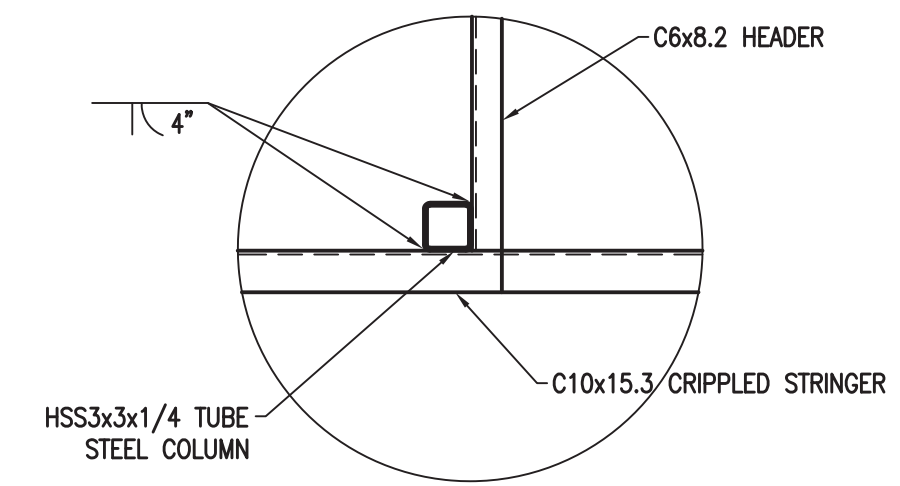
TYPICAL COLUMN BASEPLATE

SCALE: NONE



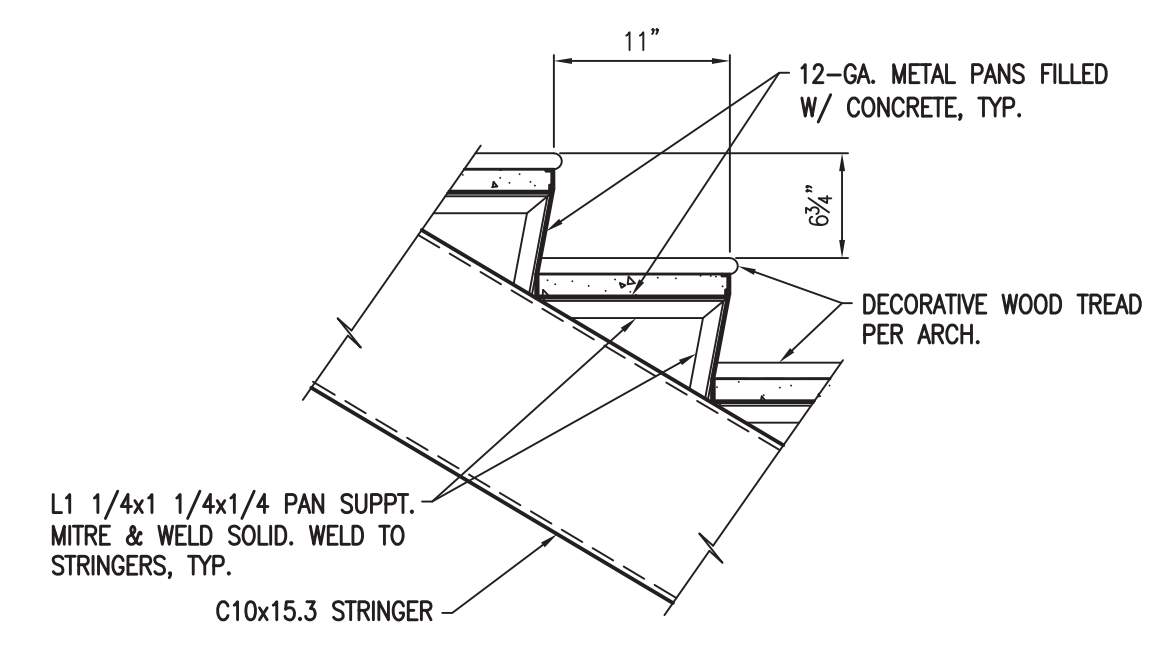
TYPICAL CRIPPLE STRINGER

SCALE: NONE



TYPICAL PLAN @ LANDING POST

SCALE: NONE



TYPICAL STAIR TREAD DETAIL

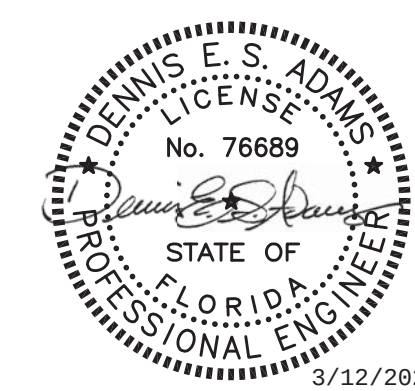
SCALE: NONE

GENERAL NOTES

- CODES & STANDARDS
A. FLORIDA BUILDING CODE, 6TH EDITION.
B. ASCE 7-10: MINIMUM DESIGN LOADS FOR BUILDINGS
C. AISC 360-10: MANUAL OF STEEL CONSTRUCTION
- DESIGN LOADS
A. DEAD..... SELF WT.
B. LIVE (STAIRS)..... 100 PSF
- SEISMIC DESIGN
A. SEISMIC IMPORTANCE FACTOR..... $I_e = 1.00$
B. MAPPED SPECTRAL RESPONSE ACCELERATIONS.....
 $S_s = 0.131$
 $S_1 = 0.067$
C. SITE CLASS "D" (ASSUMED)
D. SPECTRAL RESPONSE COEFFICIENTS..... $S_{ps} = 0.139$
 $S_{ps} = 0.107$
E. SEISMIC DESIGN CATEGORY "B"
- SNOW LOADS
A. GROUND SNOW LOAD..... "R" = 0 PSF

STEEL STAIR NOTES:

- ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE AISC SPECIFICATIONS FOR BUILDINGS, AISC 360-10 (ALLOWABLE STRESS DESIGN).
- SHOP ASSEMBLE STAIRS IN GREATEST PRACTICAL SECTIONS. ALL CONNECTIONS ARE TO BE WELDED, UNLESS SHOWN OR NOTED OTHERWISE. EXPOSED WELDS SHALL BE GROUND SMOOTH.
- PREPARE STEEL IN ACCORDANCE WITH SSPC SP-6 & PAINT PER ARCHITECT INSTRUCTIONS.
- ALL STRUCTURAL STEEL WIDE FLANGE OR WT SHAPES SHALL CONFORM TO ASTM A992, GR. 50.
- HSS MEMBERS SHALL CONFORM TO ASTM A500, GR. B. STEEL PIPE SHALL CONFORM TO ASTM A53, GR. B.
- ALL OTHER STEEL SHAPES SHALL CONFORM TO ASTM A36 OR A572, GR. 50.
- ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 GR. 36, WITH HEAVY HEX NUTS.
- UNLESS OTHERWISE NOTED, ALL SHOP CONNECTIONS SHALL BE MADE BY WELDING OR HIGH STRENGTH BOLTING. ALL FIELD CONNECTIONS SHALL BE BOLTED.
- ALL BOLTS SHALL BE MINIMUM 3/4" DIAMETER CONFORMING TO ASTM A-325. FIELD CONNECTIONS SHALL BE DESIGNED AS BEARING TYPE CONNECTIONS WITH TREADS INCLUDED IN THE SHEAR PLANE.
- WELDS SHALL BE PERFORMED BY AWS CERTIFIED WELDERS USING E70XX ELECTRODES.
- UNLESS OTHERWISE SHOWN, ALL BEAM CONNECTIONS SHALL BE STANDARD FRAMED CONNECTIONS AS SHOWN IN PART 10 OF THE AISC MANUAL OF STEEL CONSTRUCTION, AND SHALL COMPLY WITH THE TYPICAL CLIP ANGLE CONNECTION DETAIL SHOWN ON THESE DRAWINGS. IN NO CASE SHALL THE LENGTH OF THE FRAMED CONNECTIONS BE LESS THAN ONE-HALF OF THE "T" DIMENSION OF THE BEAM WEB. SHEAR TABS AND SINGLE ANGLE CONNECTIONS SHALL NOT BE USED UNLESS APPROVED BY THE ENGINEER.
- GUSSET PLATES SHALL BE 3/8" THICK MINIMUM.
- ALL STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123.
- NO OPENINGS SHALL BE FIELD CUT IN STRUCTURAL STEEL MEMBERS WITHOUT APPROVAL OF THE ENGINEER.
- CONTRACTOR TO COORDINATE AND ADJUST LIMITS OF GRATING, FLOOR PLATE AND GUARDRAIL AS REQUIRED TO PROVIDE CLEARANCE FOR EQUIPMENT, EQUIPMENT SUPPORTS, AND STRUCTURAL MEMBERS AND CONNECTIONS, AND MAINTAIN OSHA AND BUILDING CODE CLEARANCE REQUIREMENTS.
- STAIRS AND LADDERS SHALL COMPLY WITH OSHA REQUIREMENTS AND SHALL BE SHOP ASSEMBLED WHERE SHIPPING AND ERECTION PERMIT.



PI-TECH, INC.
P.O. BOX 15268, FERNANDINA BEACH, FL 32035
904.556.7087 ~ FL COA# 76689

NEW LOBBY STAIR DETAILS
FLEET LANDING ATLANTIC BEACH

SOUTHEASTERN ORNAMENTAL IRON CO.
JACKSONVILLE, FL

REVISIONS

DRWN BY: ATF

CHECKED BY: DESA

DATE: MARCH 12, 2020

SHEET NO.

S-1
SHEET 1 OF 1