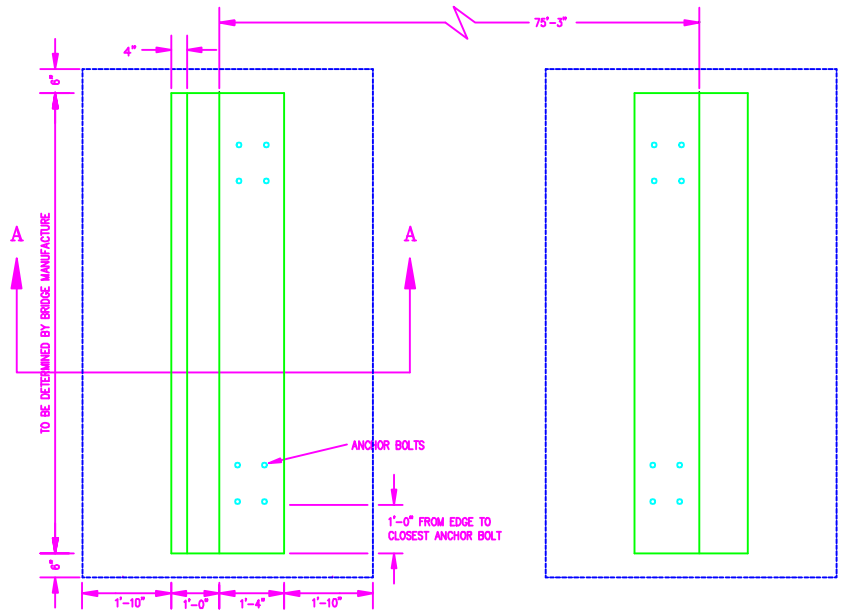
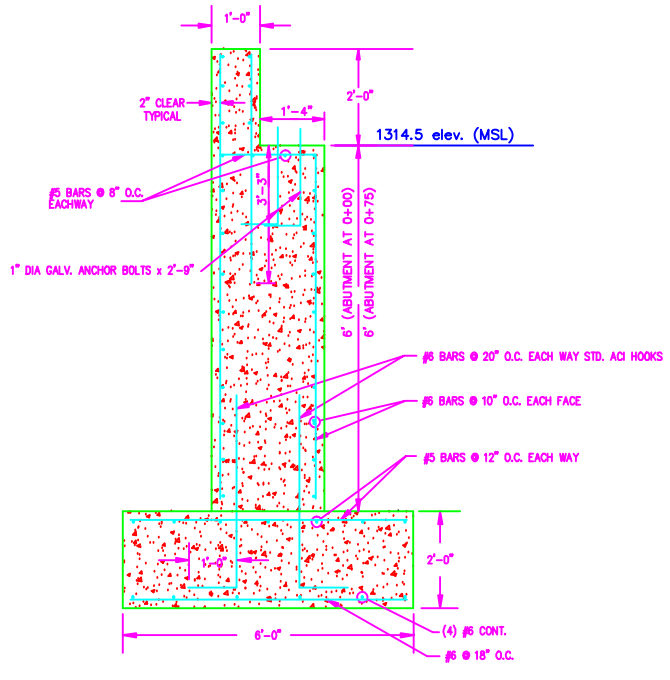
Abutment Detail

CONCRETE ABUTMENT PLAN

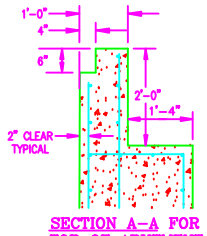


STRUCTURAL GENERAL NOTES:

1. DESIGN LIVE LOADS: DECK – 85 PSF, WIND LOAD PRESSURES – 30 PSF.
2. THE MAXIMUM TOTAL LOAD SOIL BEARING PRESSURE DOES NOT EXCEED 2000 PSF FOR WALL AND PAD FOOTINGS. FOOTINGS SHALL BEAR INTO UNDISTURBED SOIL. IF POORER SOIL OR UNUSUAL SOIL CONDITIONS ARE ENCOUNTERED, COORDINATE ADJUSTMENTS WITH THE ENGINEER.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI @ 28 DAYS.
4. NO ALUMINUM CONDUIT SHALL BE IMBEDDED IN ANY CONCRETE.
5. ALL REINFORCING STEEL SHALL MEET ASTM A615–GRADE 60 MINIMUM.
6. CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE 2" CLEAR OF FORMED EXPOSED SURFACES AND 3" CLEAR FOR FOOTINGS (TYPICAL UNLESS OTHERWISE NOTED).
7. REINFORCEMENT SHALL BE CONTINUOUS AND LAPPED 30 BAR DIAMETERS (2'–0" MIN.) EXCEPT AS NOTED AND PROVIDE CORNER BARS OF SAME SIZE AND SPACING.
8. TEMPORARY BRACING AND SHORING AGAINST WIND AND ERECTIONS CONDITIONS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
9. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS WITH DRAWINGS AND EXISTING CONDITIONS.



SECTION A–A



SECTION A–A FOR TOP OF ABUTMENT AT STATION 0+00.0 & 0+75

CITY OF WICHITA PUBLIC WORKS ENGINEERING

75 ft. PEDESTRIAN BRIDGE AT FUNSTON AND FABRIQUE

CITY ENGINEER: JAMES L. ARMOUR, P.E., L.S.

PROJECT NUMBER	OCA NUMBER	DATE
472–84510	132720	05/07

CITY ENGINEER'S OFFICE
CITY HALL – SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202–1620
(316) 268–4501

DESIGN	DRAWN
S.B.	A.S.

SHEET 4 OF 4