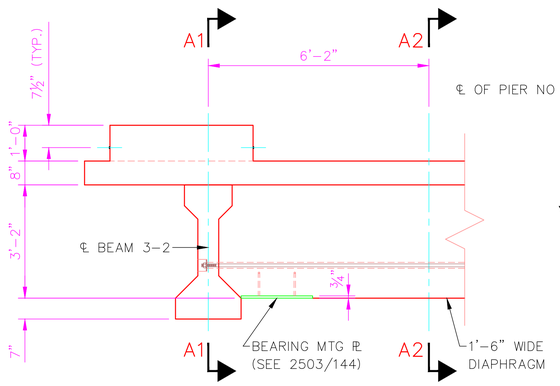
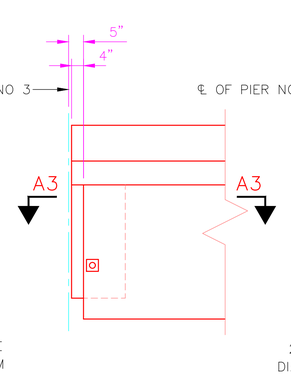
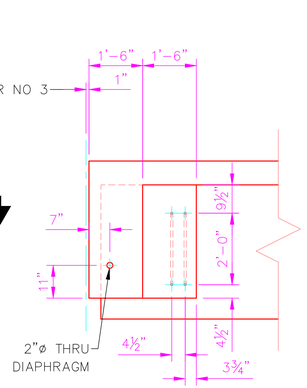


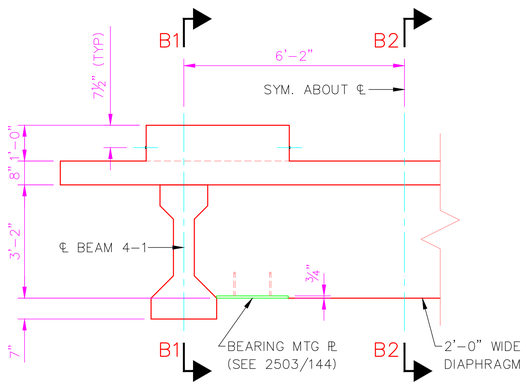
SECTION A–A
PIER NO 3



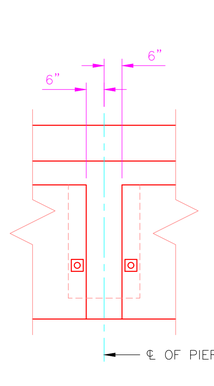
SECTION A1–A1



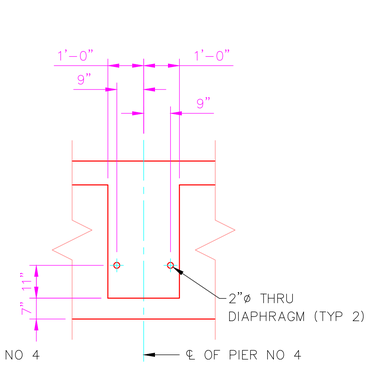
SECTION A2–A2



SECTION B–B
PIER NO 4



SECTION B1–B1



SECTION B2–B2

SECTION C–C
PIER NO 5

SECTION C1–C1

SECTION C2–C2

SECTION D–D
PIER NO 6

SECTION D1–D1

SECTION D2–D2

NOTES

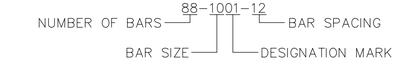
CONCRETE

CLASSES:	28–DAY CYLINDER STRENGTH (PSI)	MAXIMUM AGGREGATE SIZE (IN)
CAST–IN–PLACE COLUMNS	4,000	1½
DRILLED SHAFT FOUNDATIONS	4,000	1½
PRECAST PIER CAPITALS	6,000	¾
SWITCH SLAB	4,000	1½

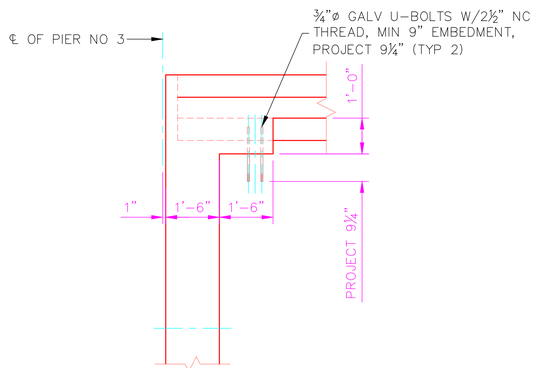
REINFORCEMENT
GRADE:
AASHTO M31/ASTM A615 GRADE 60, DEFORMED BARS
COVER:

CAST–IN–PLACE COLUMNS:	2 IN UNLESS NOTED OTHERWISE
DRILLED SHAFT FOUNDATIONS:	3 IN UNLESS NOTED OTHERWISE
PRECAST PIER CAPITALS:	1¼ IN UNLESS NOTED OTHERWISE
SWITCH SLAB–TOP:	2 IN UNLESS NOTED OTHERWISE
SWITCH SLAB–SOFFIT:	1 IN UNLESS NOTED OTHERWISE

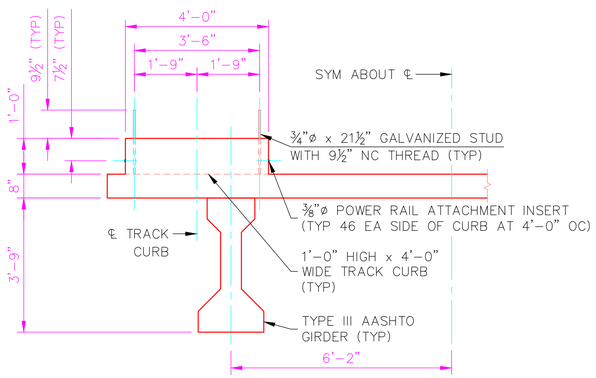
DIMENSIONING
ALL DIMENSIONS ARE GIVEN IN FEET AND INCHES UNLESS NOTED OTHERWISE
REINFORCING BAR DESIGNATION



SEE DRAWING RC105 FOR BEARING MOUNTING PLATE LOCATIONS FOR PIERS NOS 3, 4, 5 AND 6.



SECTION A3–A3



SWITCH SLAB & CURB
TYPICAL SECTION
CURB SHOWN IN THE MAXIMUM
TRACK SEPARATION POSITION

DATE:
REV: REVISION DESCRIPTION:

ABC

ANDY'S BEST CAD
1323 CARLYLE PARK CIRCLE
HIGHLANDS RANCH, CO 80129
303–808–3352
WWW.ANDYSBESTCAD.COM

DRAWN: ABC
DESIGNED:
CLIENT:
DATE: 03/14/22
SCALE: AS SHOWN

PROJECT:
SWITCH SUPERSTRUCTURE
REINFORCED CONCRETE
ENGINEERING DRAWINGS

DRAWING TITLE:
SWITCH
SUPERSTRUCTURE
DETAILS #2

DRAWING NO:
RC103
OF