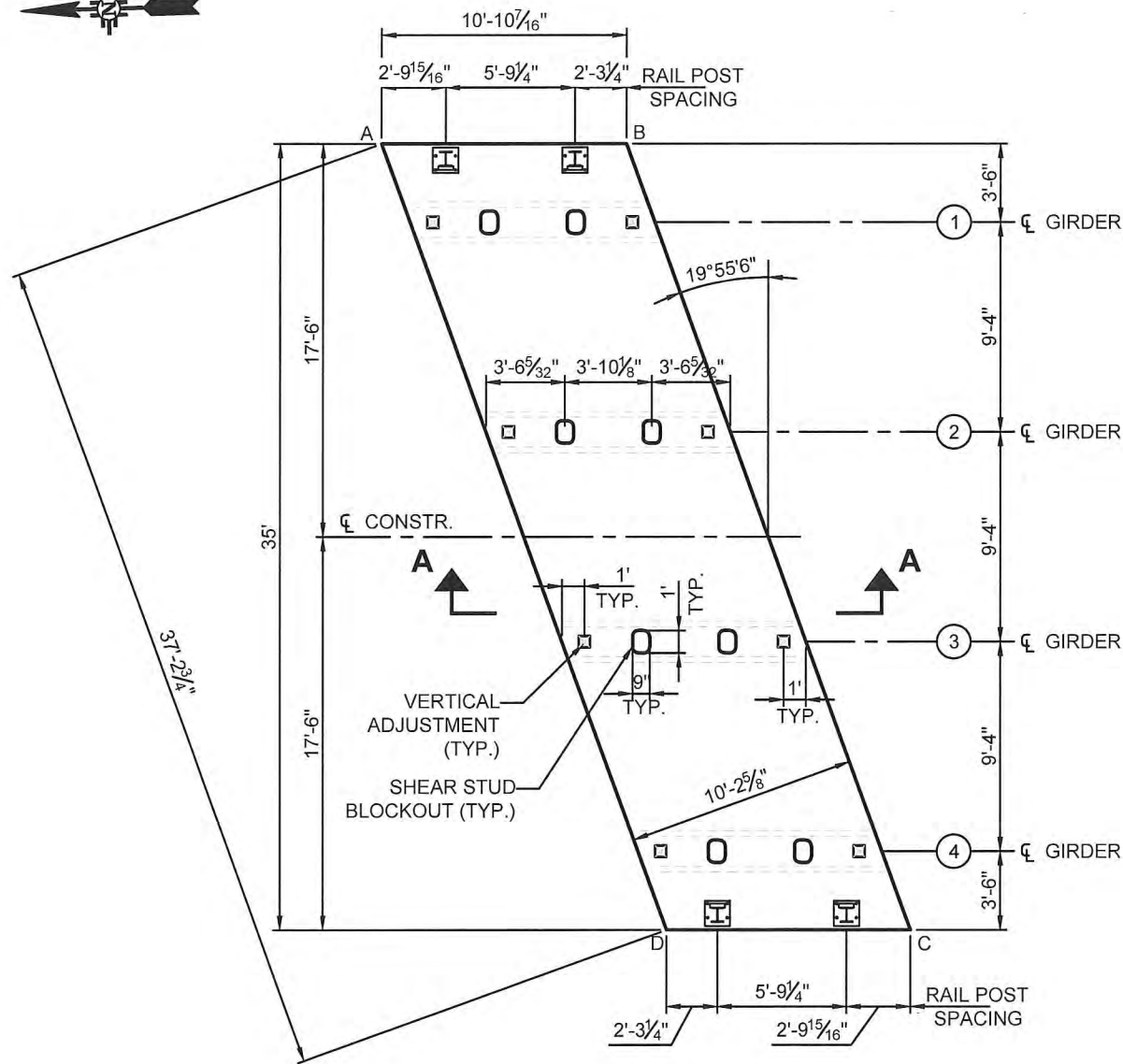




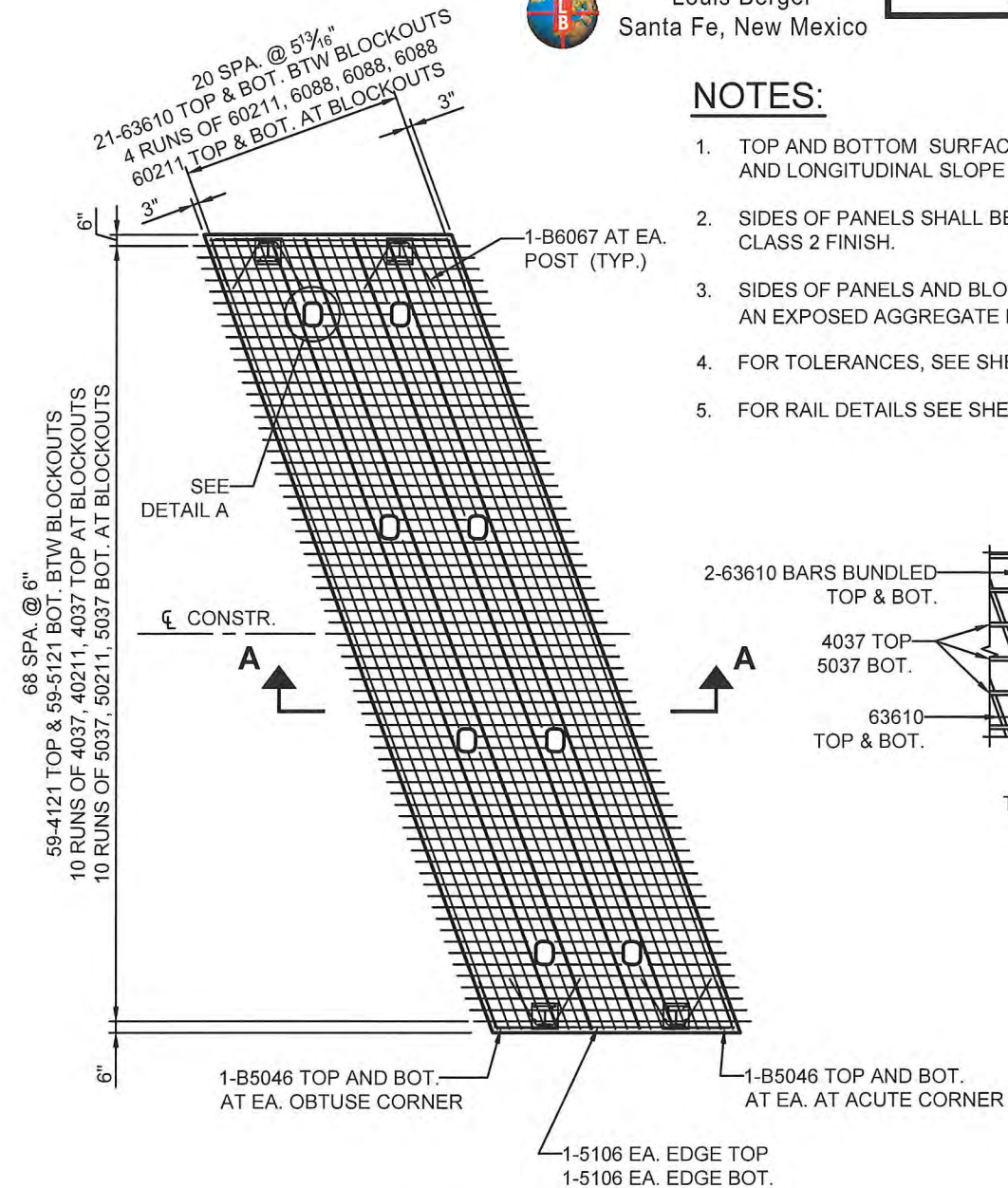
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-36



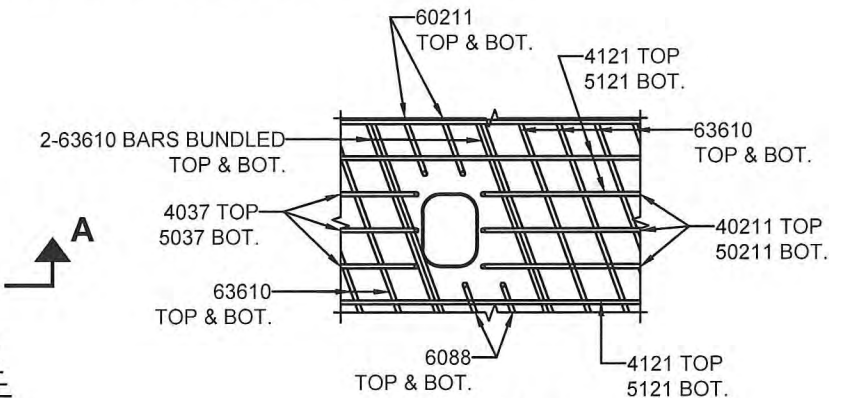
PANEL GEOMETRIC PLAN



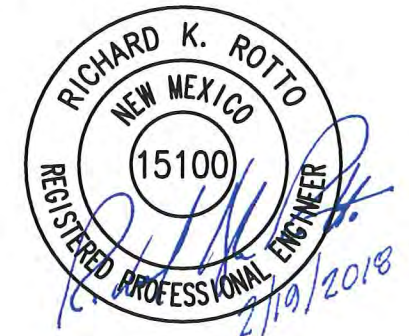
PANEL REINFORCEMENT PLAN

NOTES:

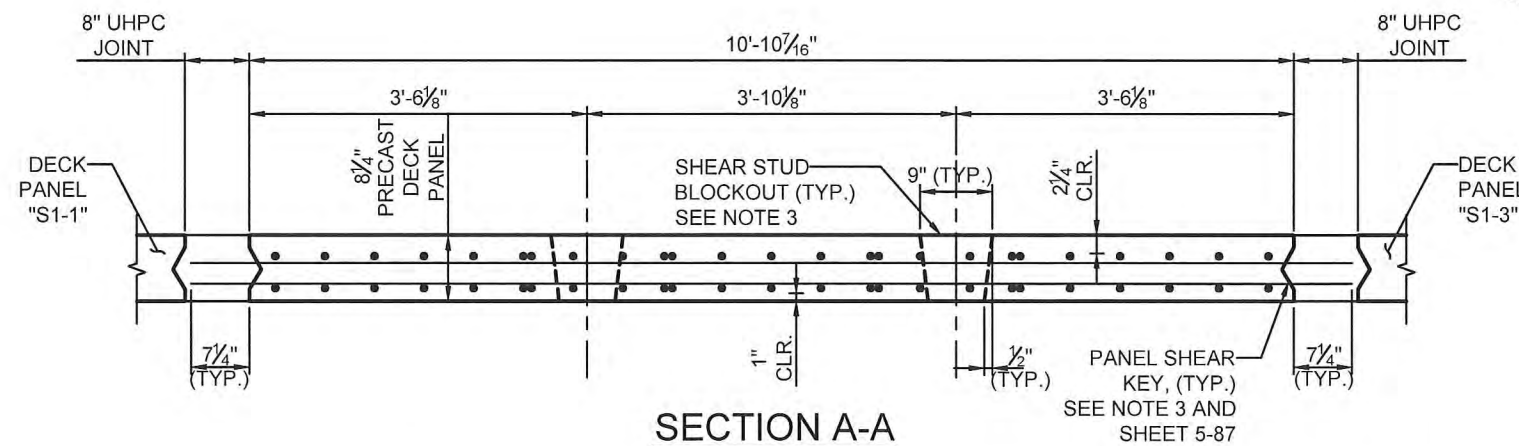
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S1-2 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10584.8835	10294.0180	838+87.69	-17.50	3884.523
B	10574.0138	10293.9786	838+98.56	-17.50	3884.560
C	10561.4586	10258.9328	839+11.24	17.50	3885.115
D	10572.3283	10258.9722	839+00.37	17.50	3885.090



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION
NM-93 OVER I-40 BRIDGE REHABILITATION
BRIDGE No. 7345
DECK PANEL DETAILS S1-2

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

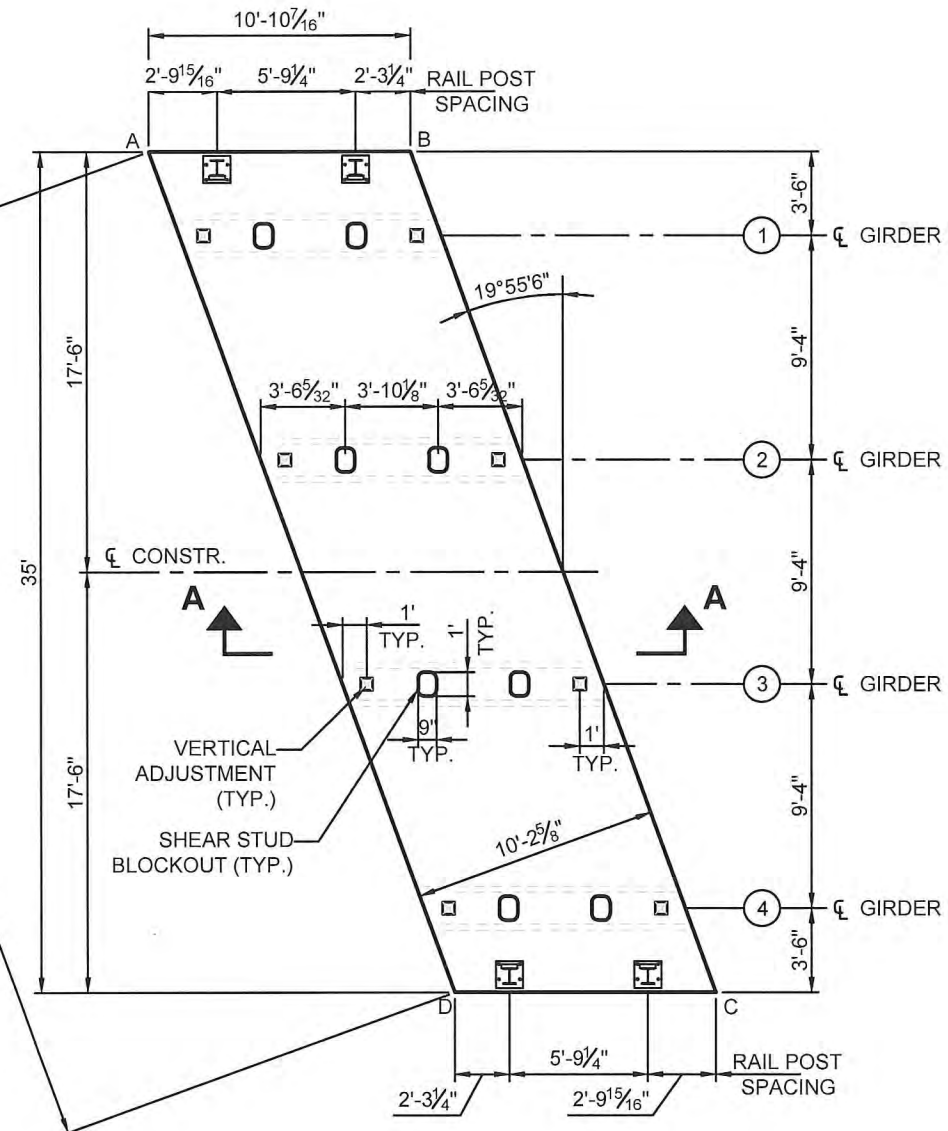
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



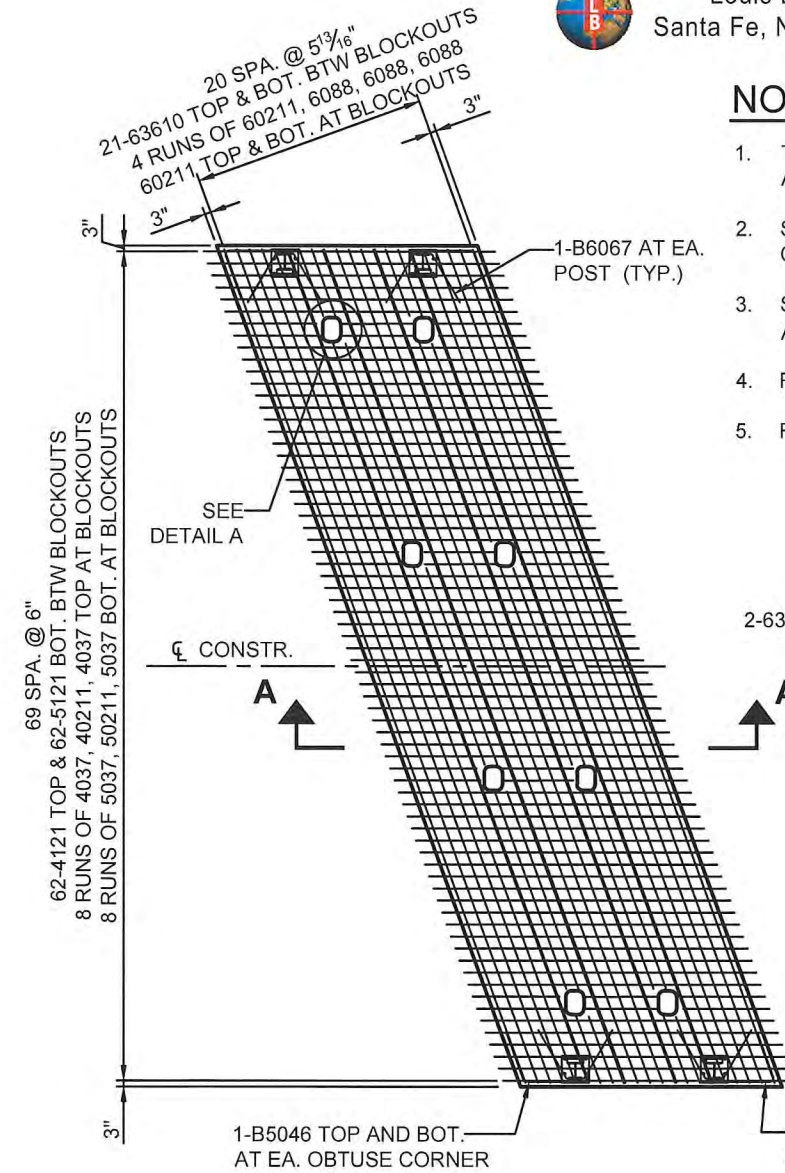
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-37



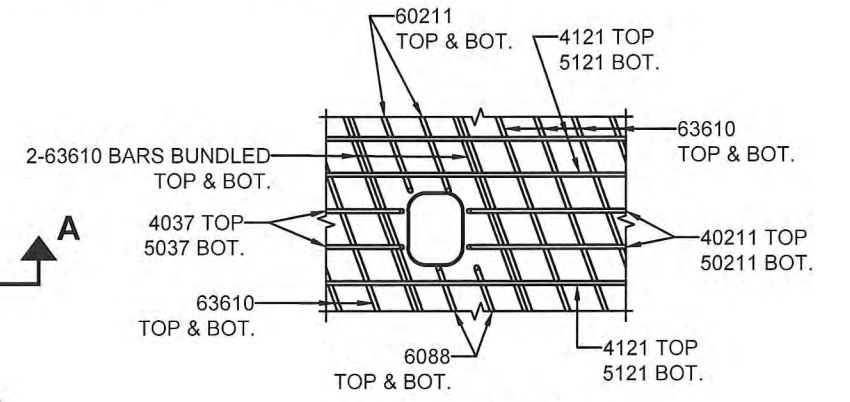
PANEL GEOMETRIC PLAN



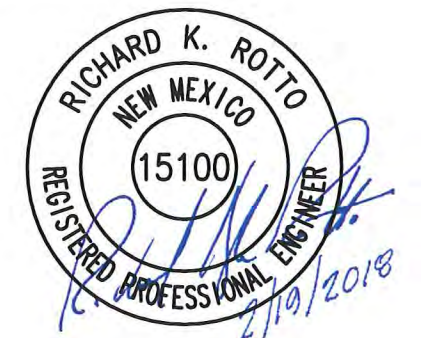
PANEL REINFORCEMENT PLAN

NOTES:

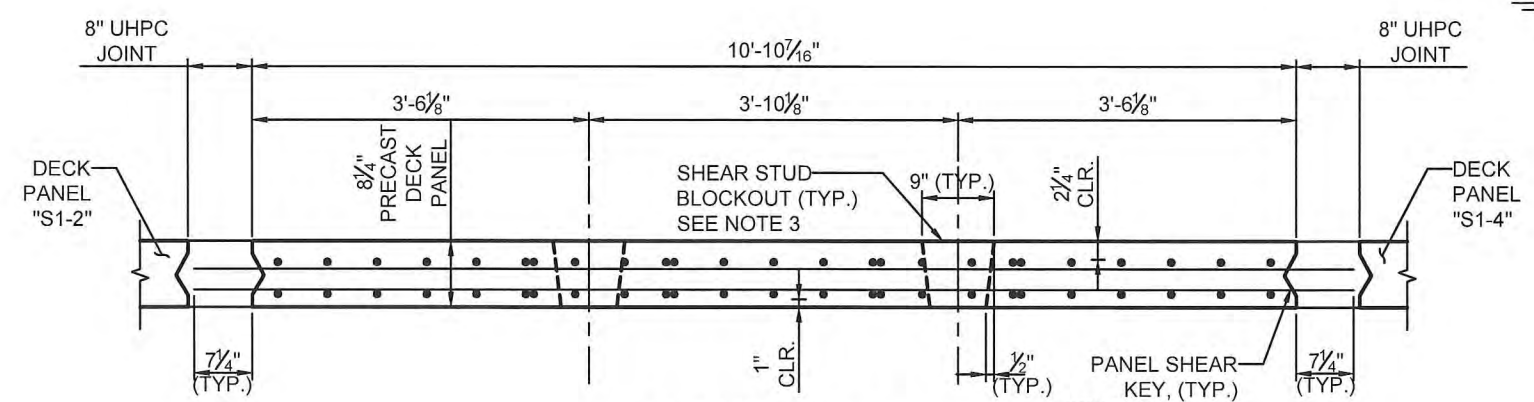
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S1-3 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10573.3471	10293.9761	838+99.23	-17.50	3884.562
B	10562.4774	10293.9367	839+10.10	-17.50	3884.588
C	10549.9222	10258.8909	839+22.78	17.50	3885.131
D	10560.7919	10258.9303	839+11.91	17.50	3885.117



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION
BRIDGE No. 7345

DECK PANEL DETAILS
S1-3

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

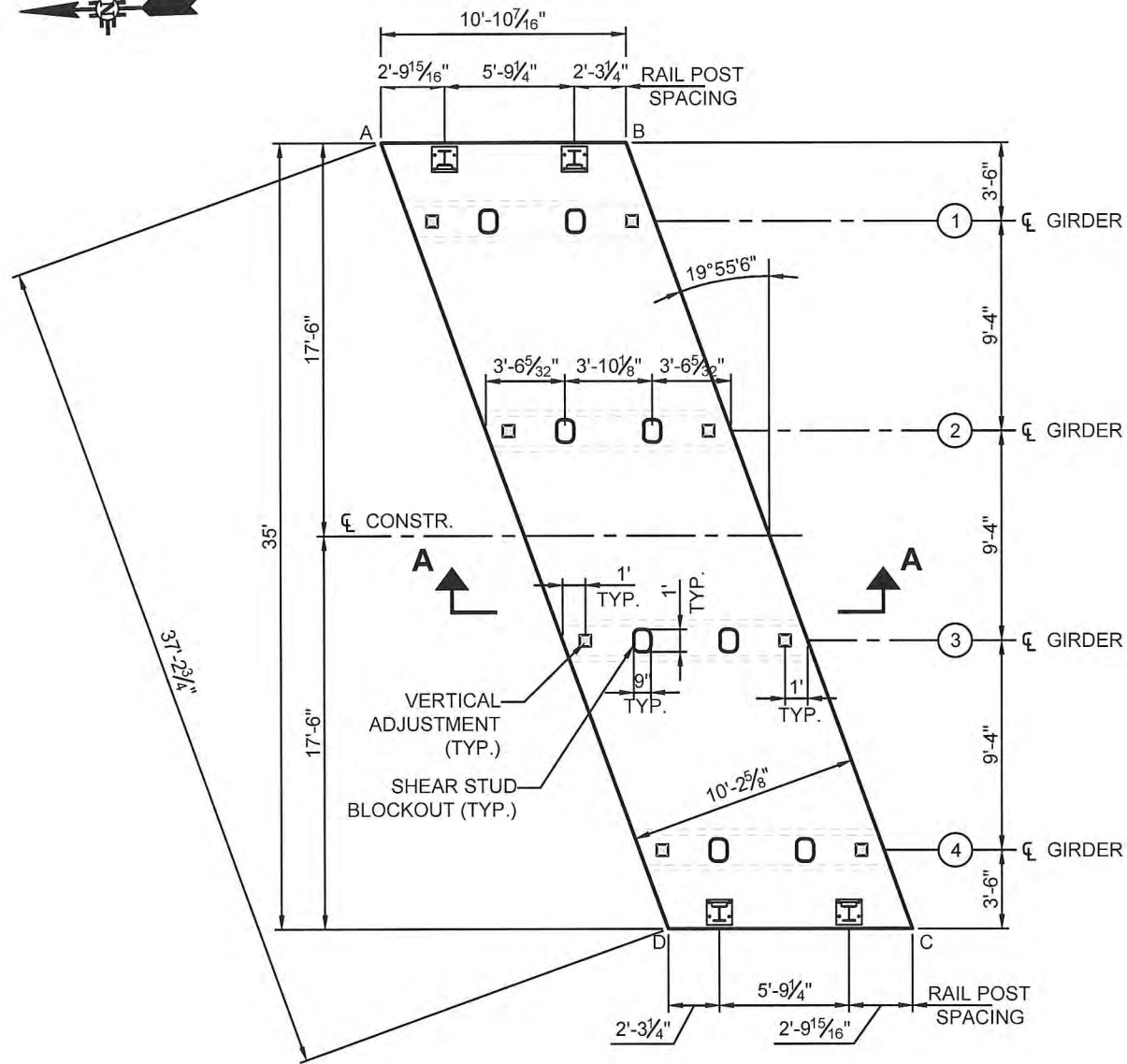
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



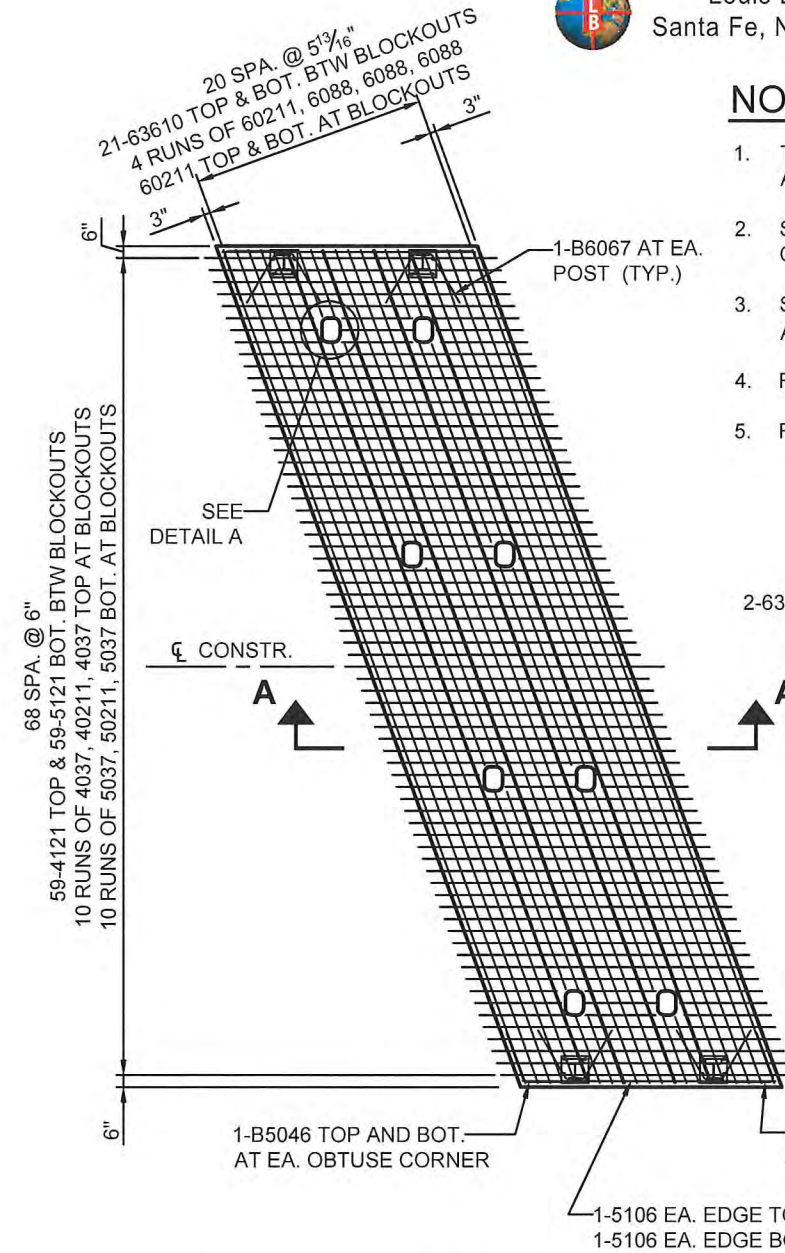
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-38



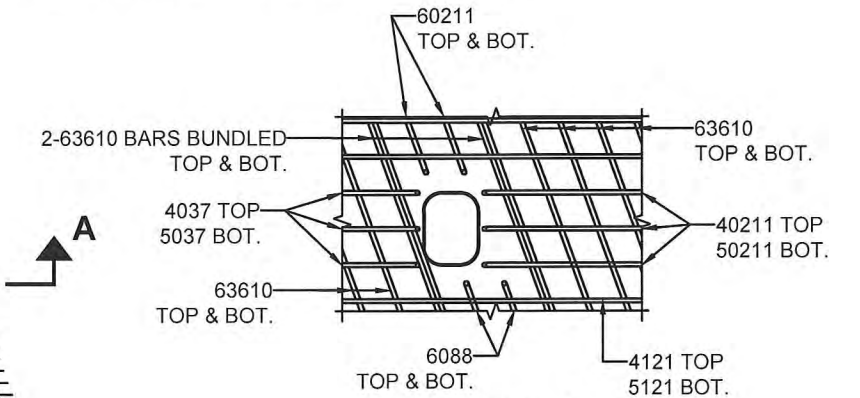
PANEL GEOMETRIC PLAN



PANEL REINFORCEMENT PLAN

NOTES:

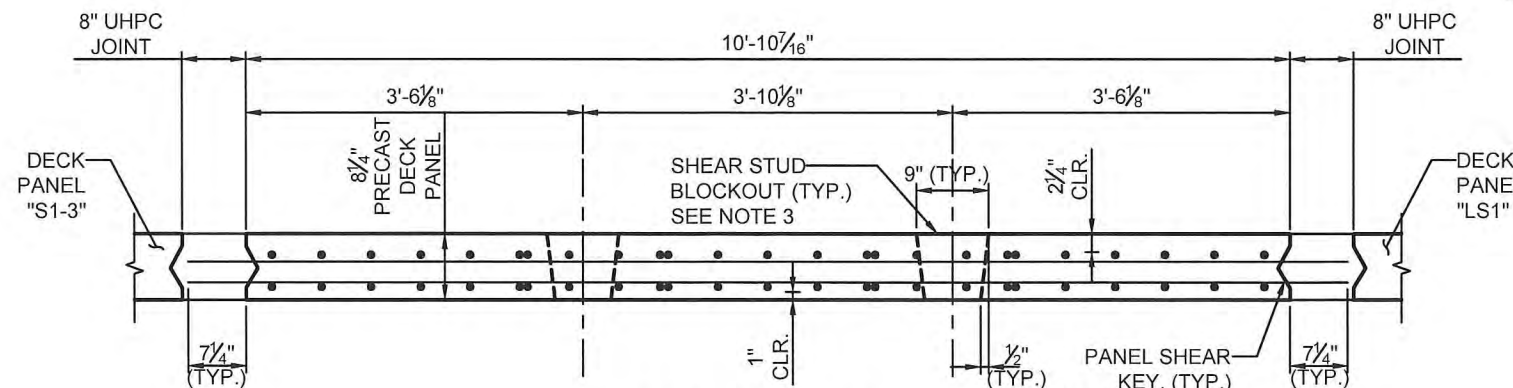
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S1-4 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10561.8107	10293.9343	839+10.77	-17.50	3884.590
B	10550.9410	10293.8948	839+21.64	-17.50	3884.605
C	10538.3858	10258.8490	839+34.32	17.50	3885.135
D	10549.2556	10258.8885	839+23.45	17.50	3885.131



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
S1-4

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

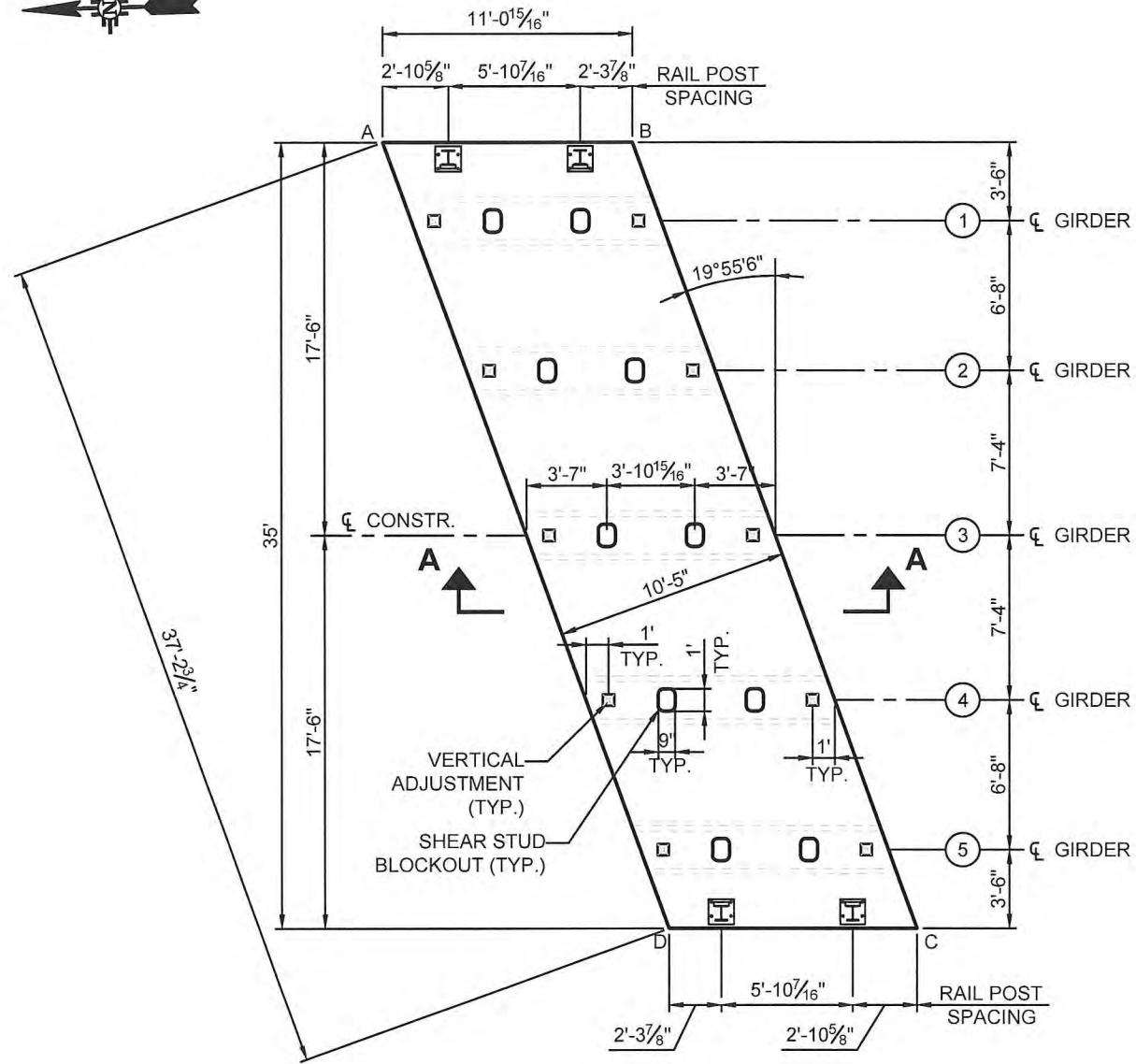
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



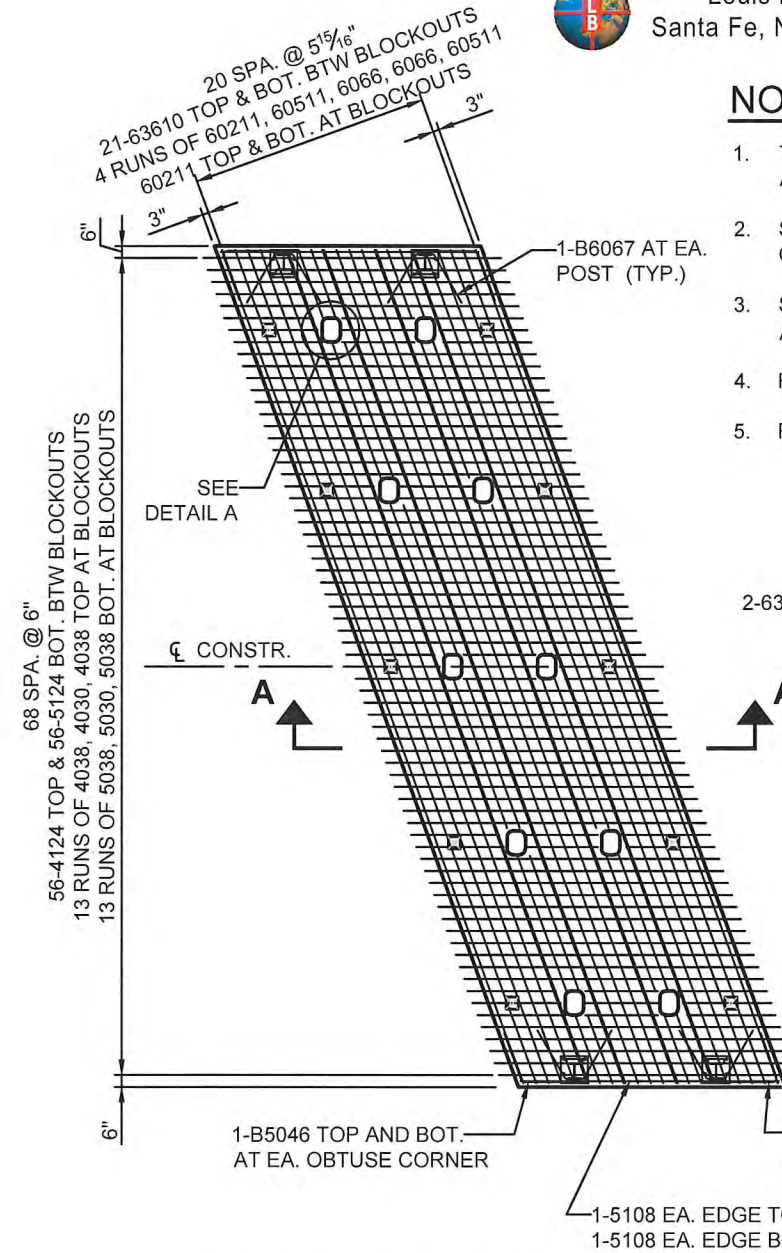
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-41



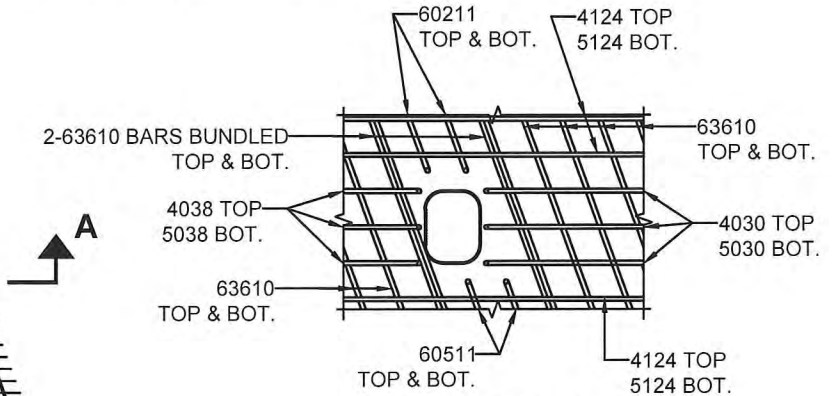
PANEL GEOMETRIC PLAN



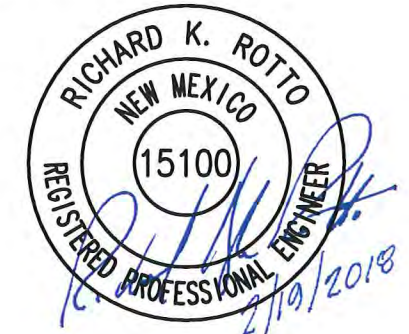
PANEL REINFORCEMENT PLAN

NOTES:

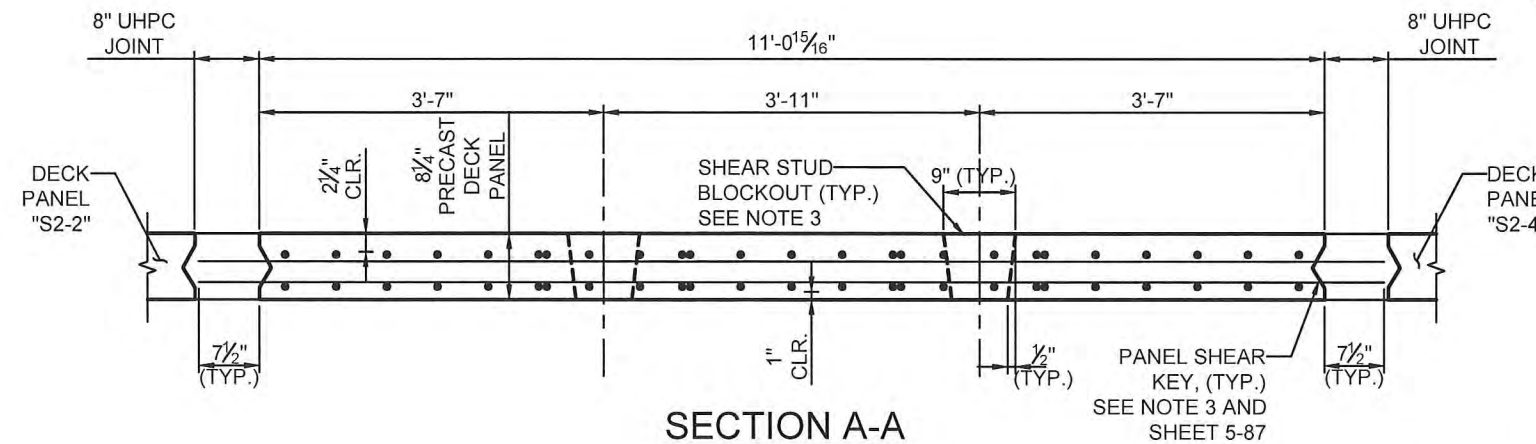
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S2-3 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10517.8349	10293.7747	839+54.74	-17.50	3884.589
B	10506.7556	10293.7345	839+65.82	-17.50	3884.562
C	10494.2002	10258.6887	839+78.50	17.50	3885.044
D	10505.2795	10258.7289	839+67.42	17.50	3885.083



SECTION A-A

BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION
NM-93 OVER I-40 BRIDGE REHABILITATION
BRIDGE No. 7345
DECK PANEL DETAILS S2-3

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

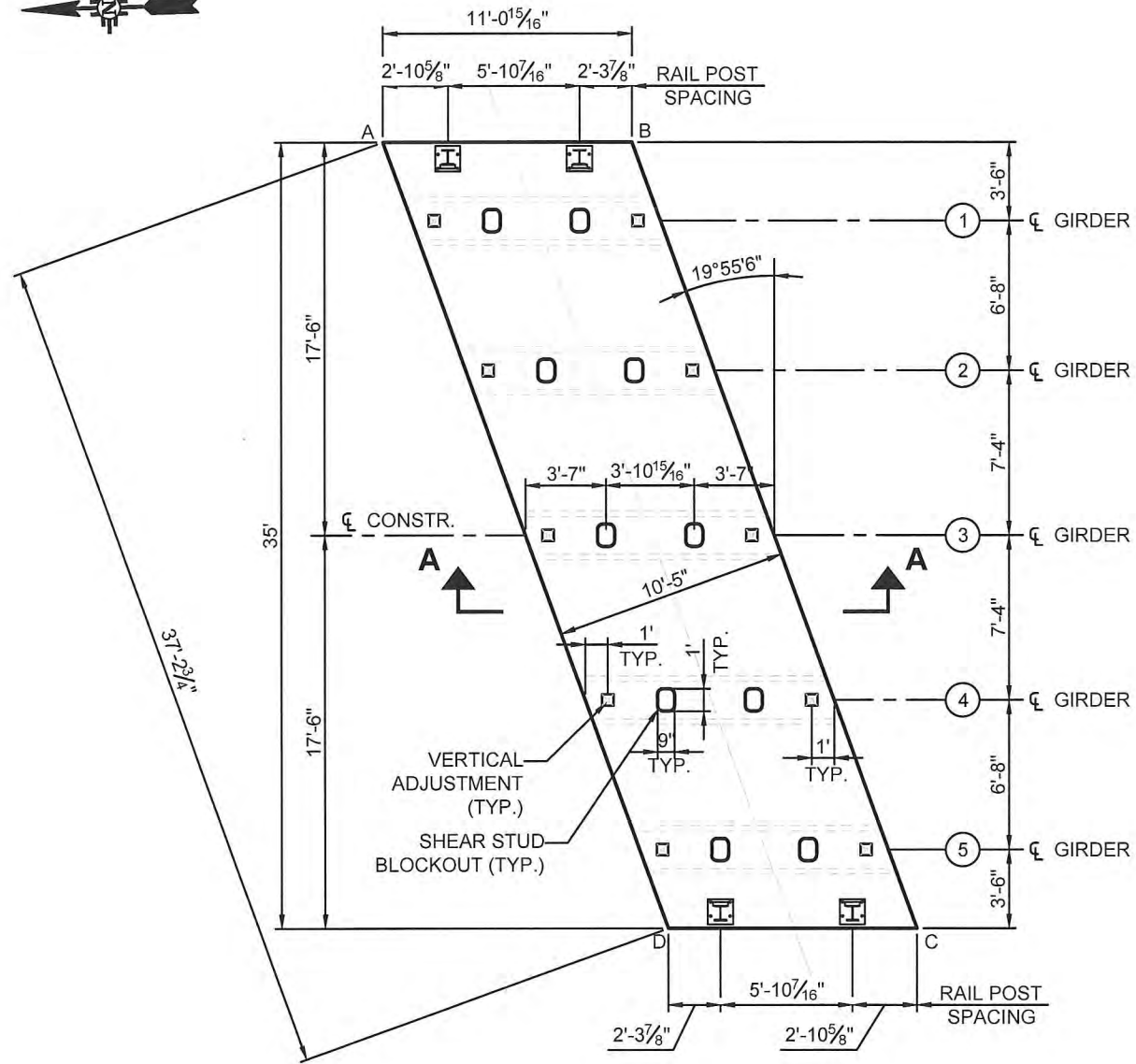
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



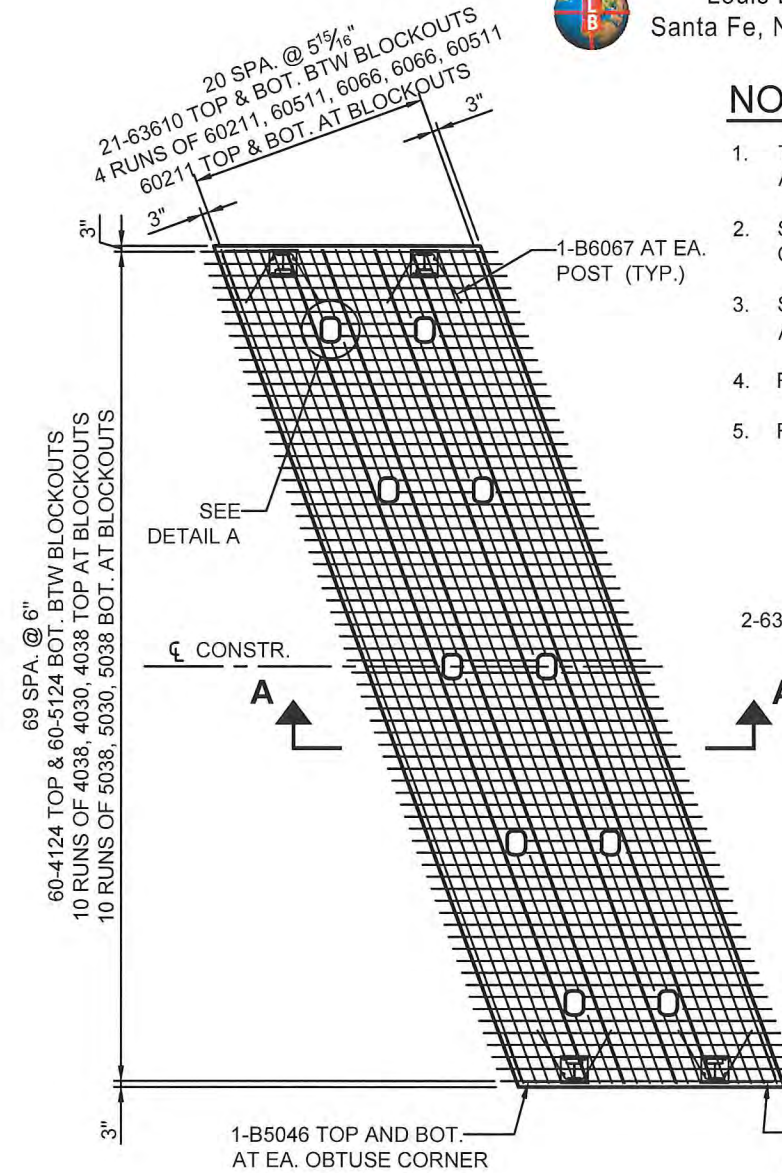
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-42



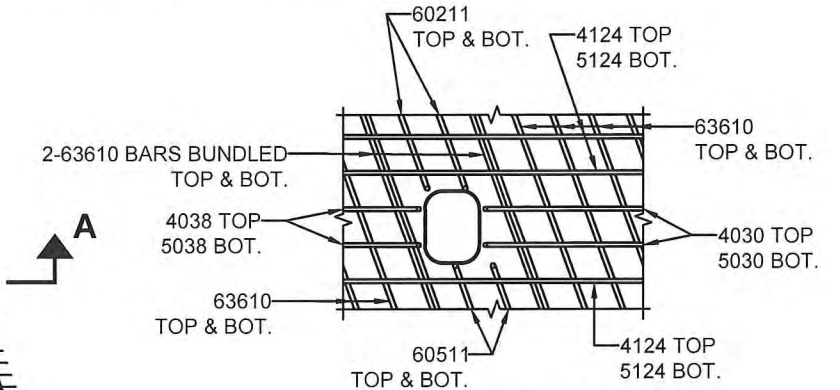
PANEL GEOMETRIC PLAN



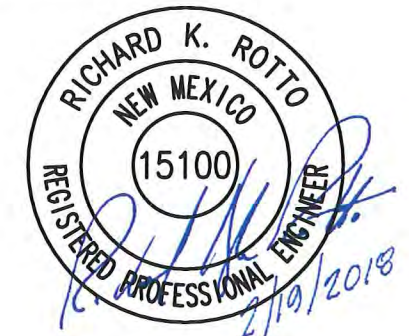
PANEL REINFORCEMENT PLAN

NOTES:

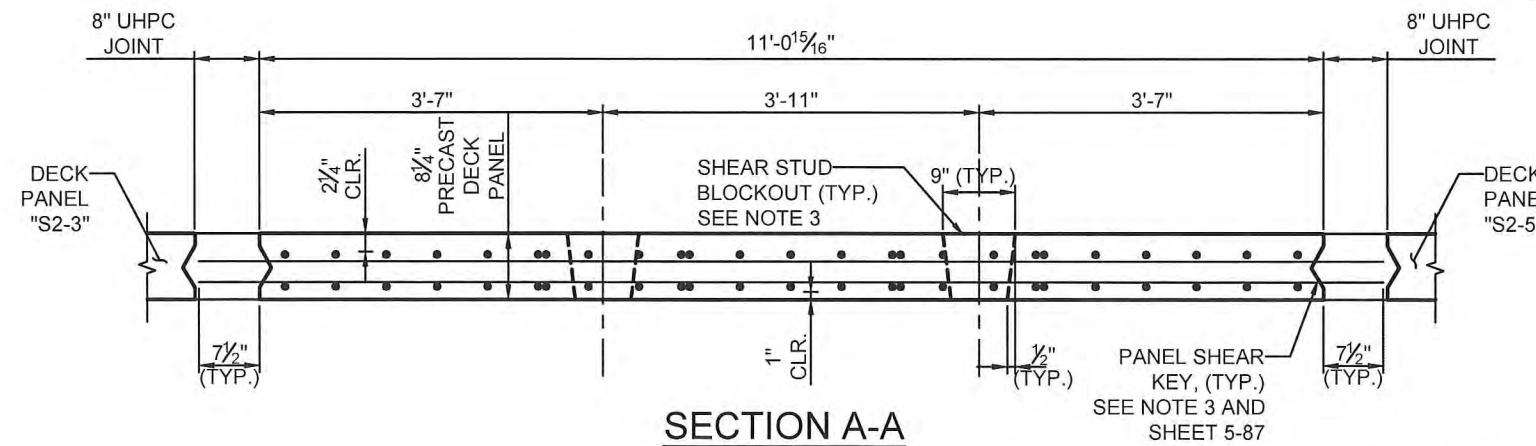
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S2-4 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10506.0889	10293.7320	839+66.49	-17.50	3884.561
B	10495.0097	10293.6918	839+77.57	-17.50	3884.523
C	10482.4543	10258.6460	839+90.25	17.50	3884.992
D	10493.5336	10258.6862	839+79.17	17.50	3885.042



SECTION A-A

BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION
NM-93 OVER I-40 BRIDGE REHABILITATION
BRIDGE No. 7345
DECK PANEL DETAILS S2-4
STA. 840+48.62 SHEET NO. 5-42

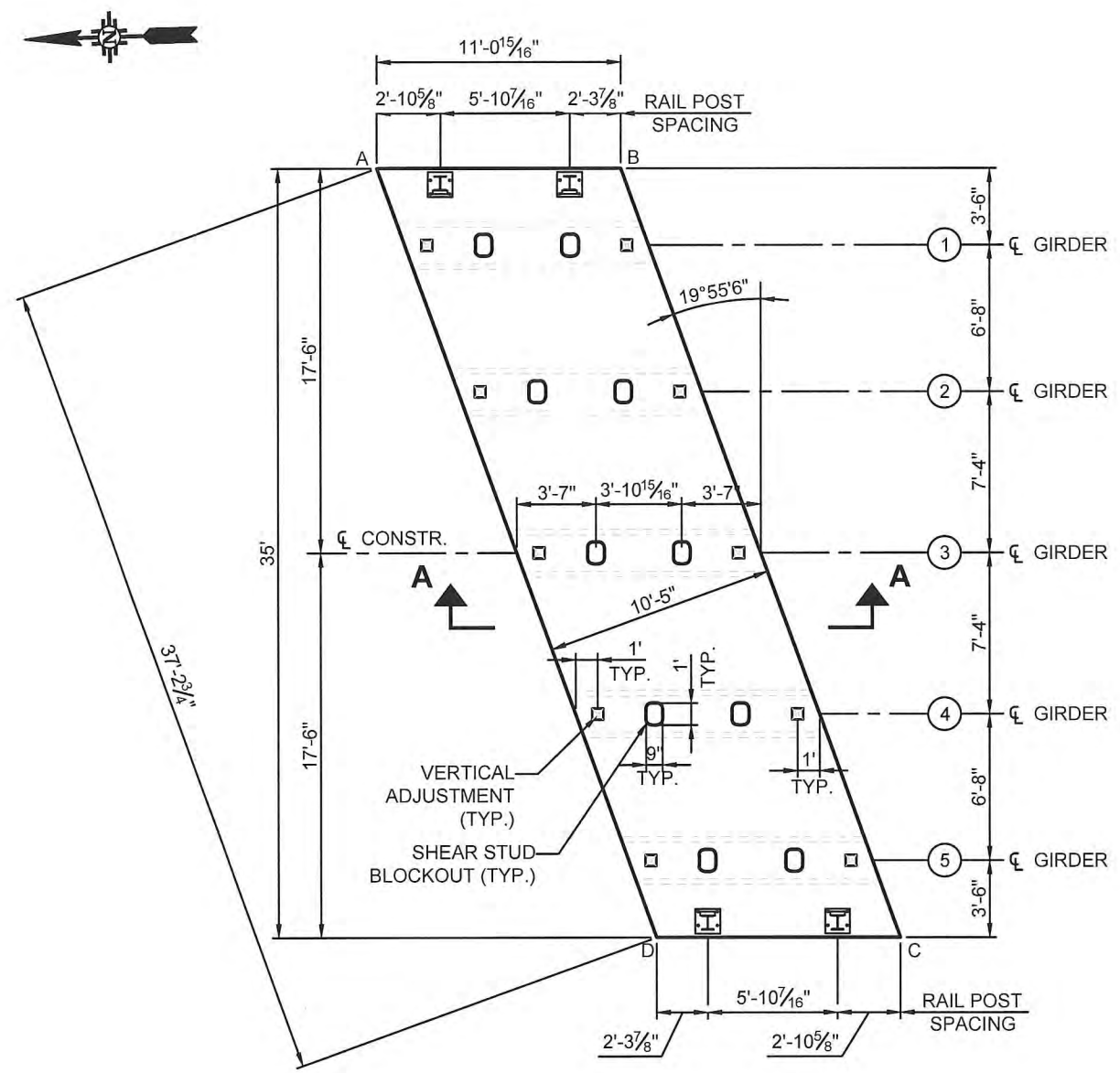
DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018

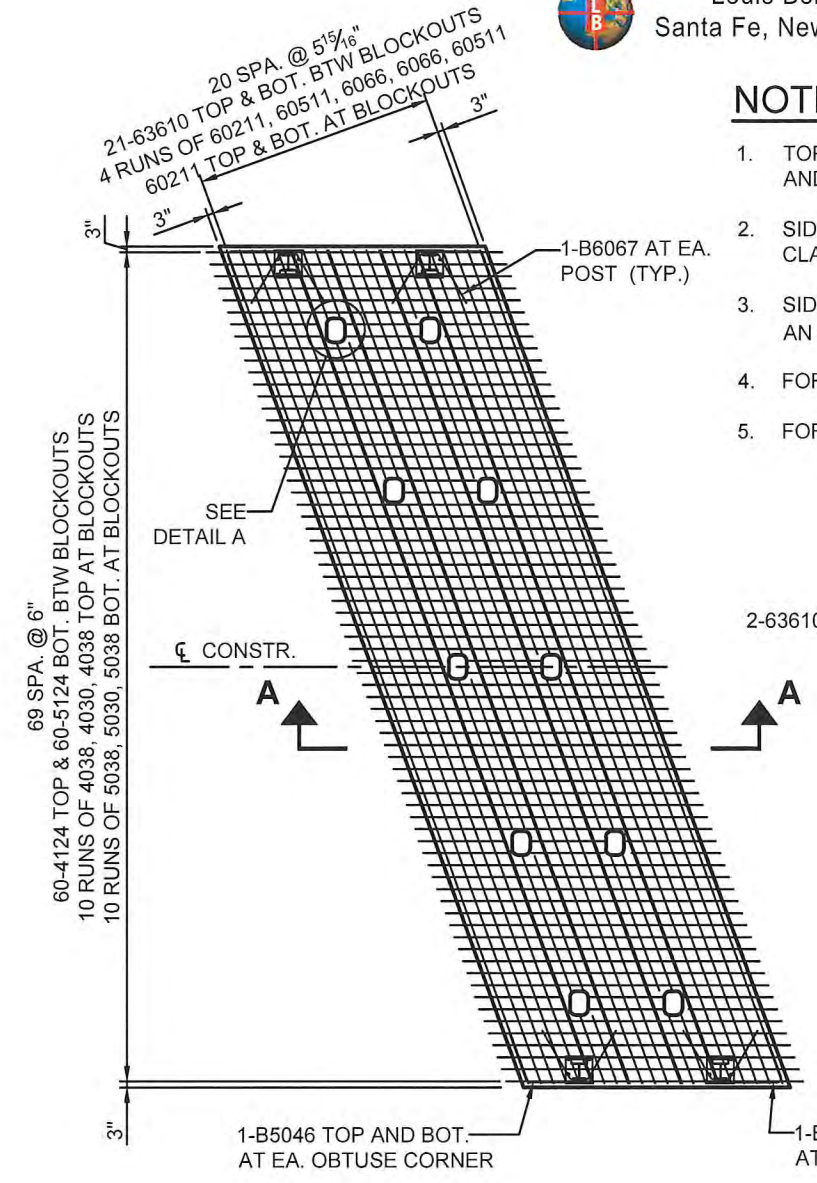
Louis Berger
Santa Fe, New Mexico

NOTES:

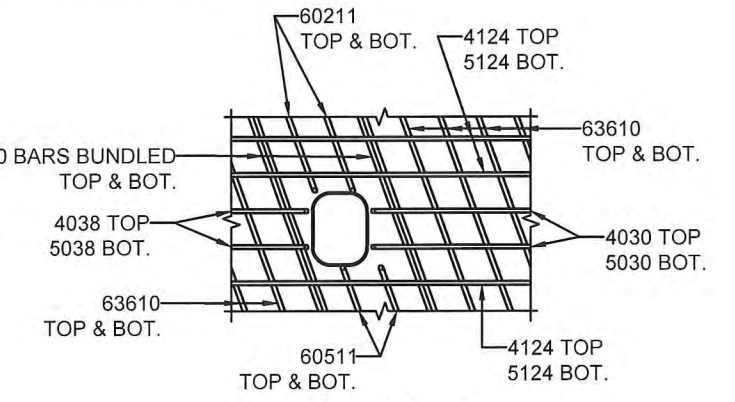
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



PANEL GEOMETRIC PLAN



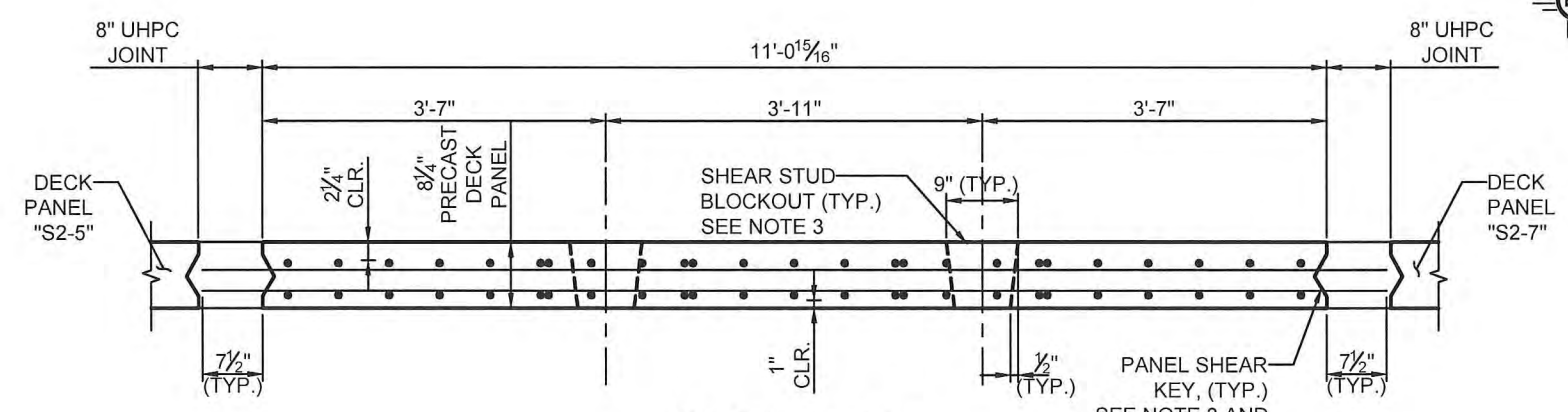
PANEL REINFORCEMENT PLAN



DETAIL A



PANEL SLAB S2-6 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10482.5971	10293.6468	839+89.98	-17.50	3884.468
B	10471.5178	10293.6066	840+01.06	-17.50	3884.408
C	10458.9624	10258.5608	840+13.74	17.50	3884.852
D	10470.0417	10258.6010	840+02.66	17.50	3884.924



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION
NM-93 OVER I-40 BRIDGE REHABILITATION
BRIDGE No. 7345
DECK PANEL DETAILS S2-6
STA. 840+48.62 SHEET NO. 5-44

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

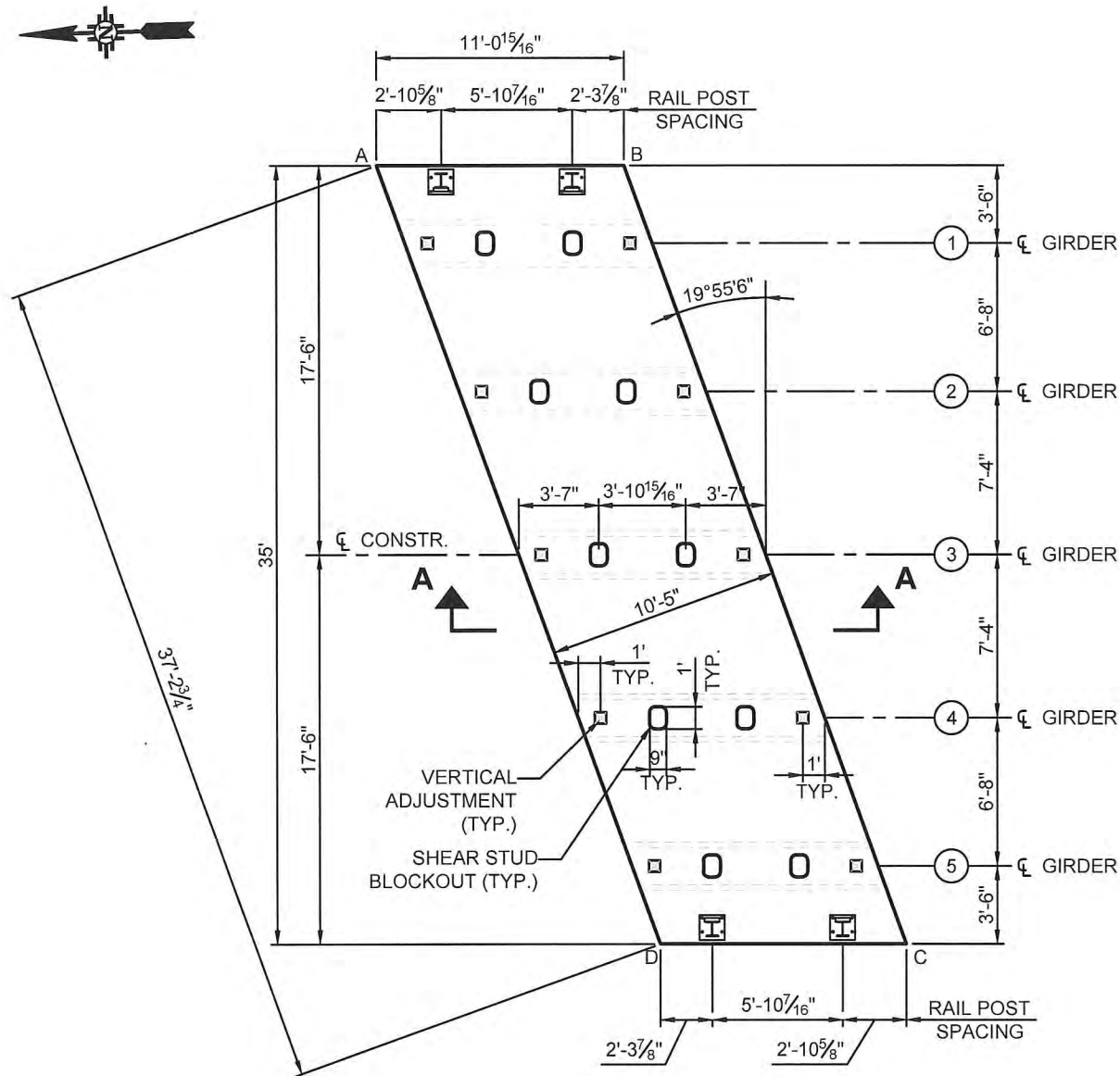
APPROVED FOR CONSTRUCTION: *Kimberly Coleman* DATE: 2/20/2018



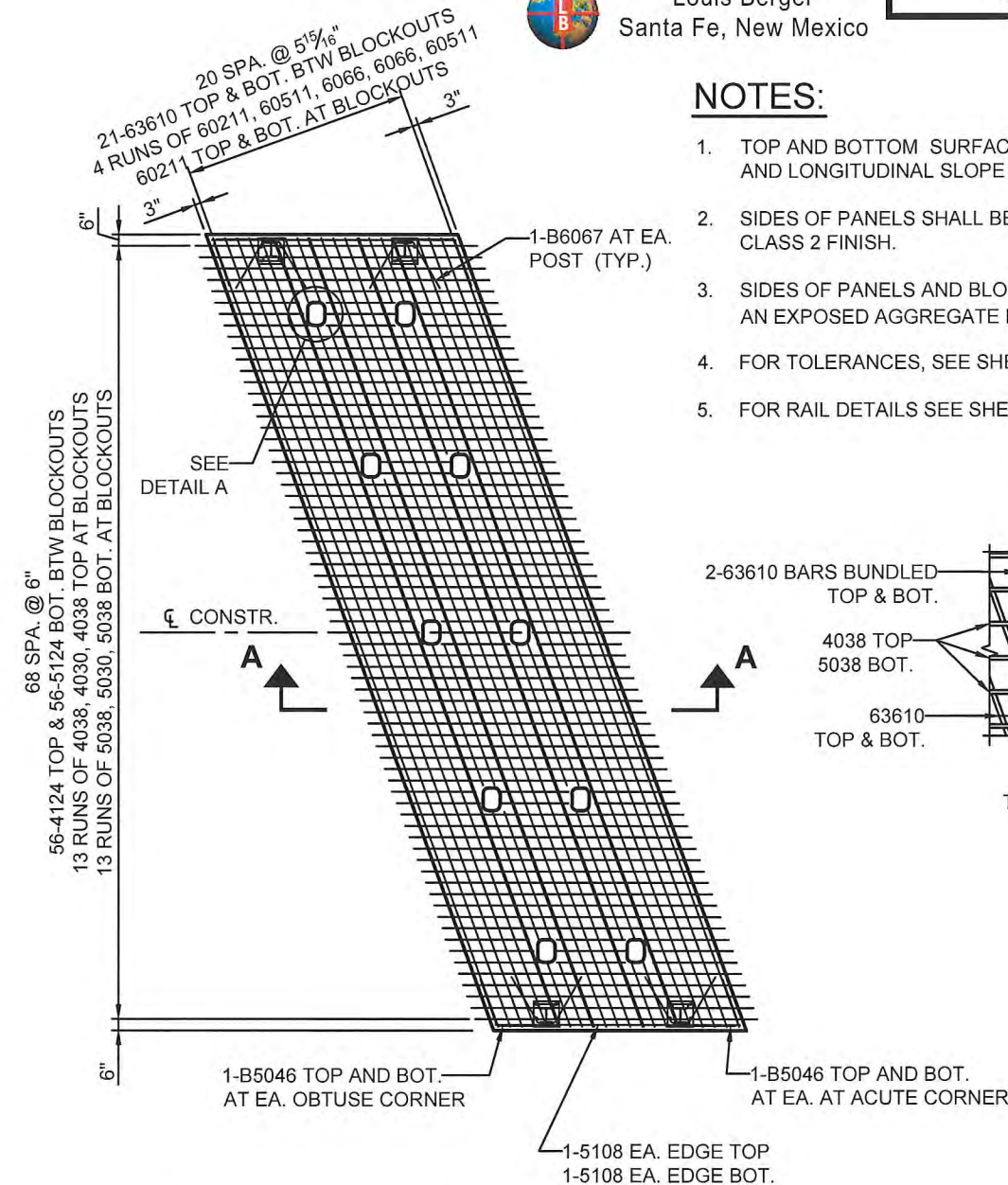
Louis Berger
Santa Fe, New Mexico

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.

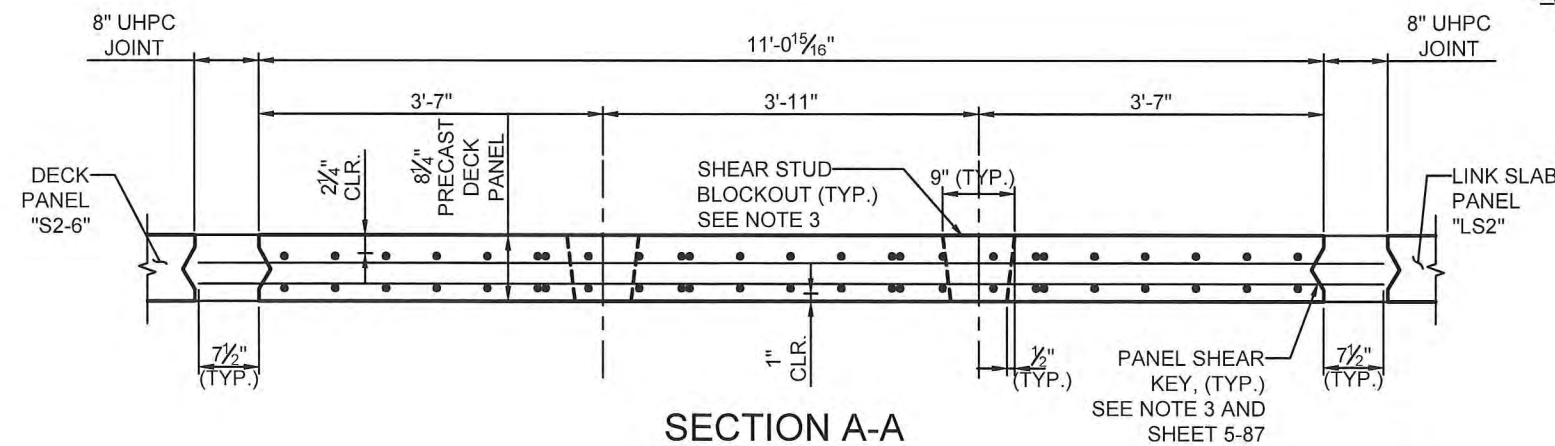


PANEL GEOMETRIC PLAN

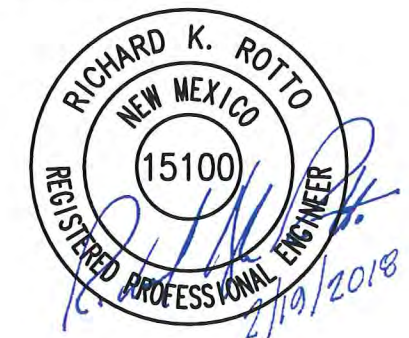


PANEL REINFORCEMENT PLAN

PANEL SLAB S2-7 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10470.8512	10293.6042	840+01.73	-17.50	3884.404
B	10459.7719	10293.5639	840+12.81	-17.50	3884.333
C	10447.2165	10258.5181	840+25.49	17.50	3884.764
D	10458.2958	10258.5584	840+14.41	17.50	3884.847



SECTION A-A



REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
S2-7

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

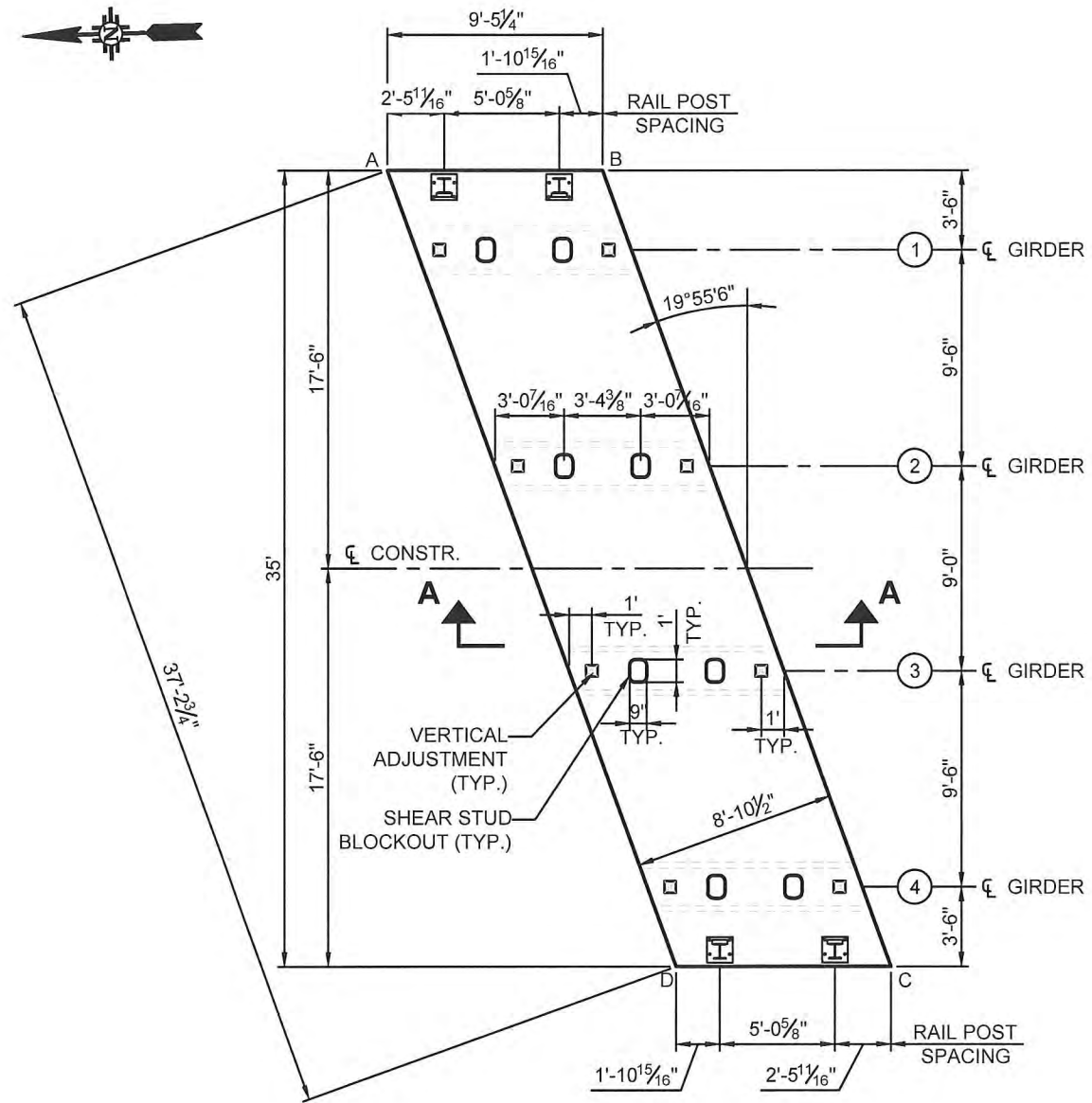
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



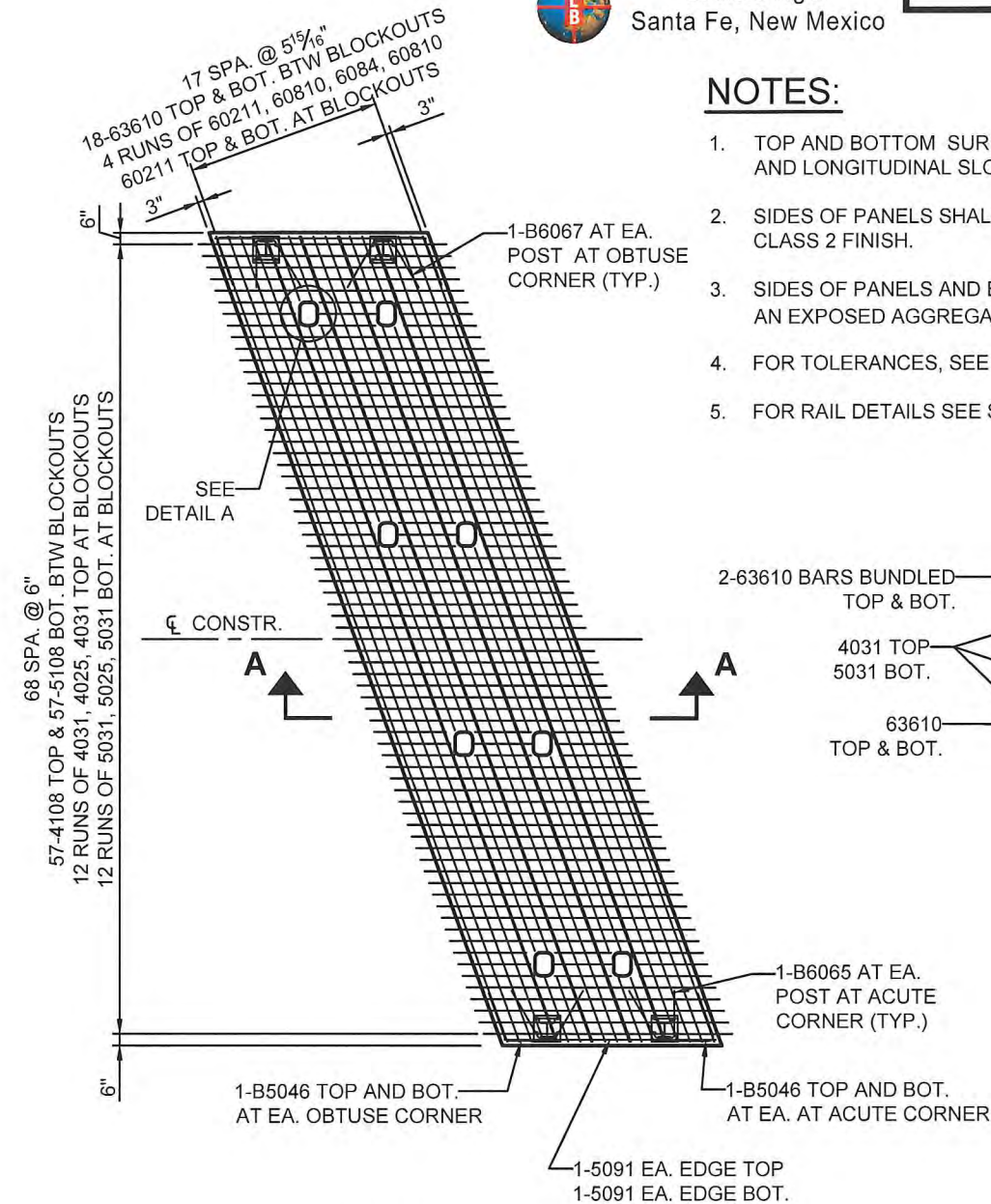
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-46



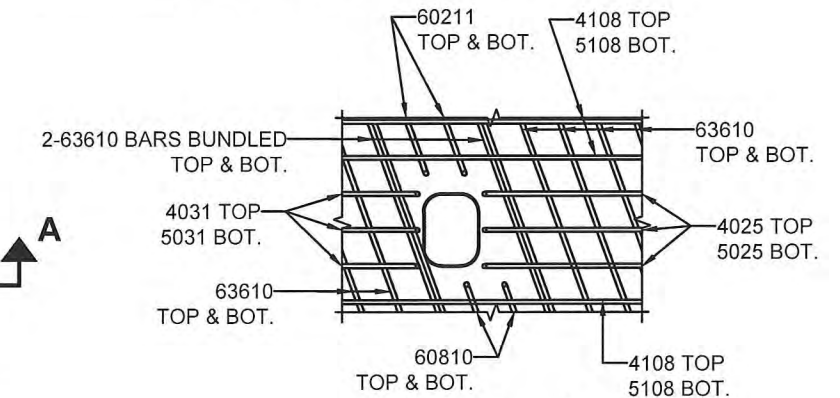
PANEL GEOMETRIC PLAN



PANEL REINFORCEMENT PLAN

NOTES:

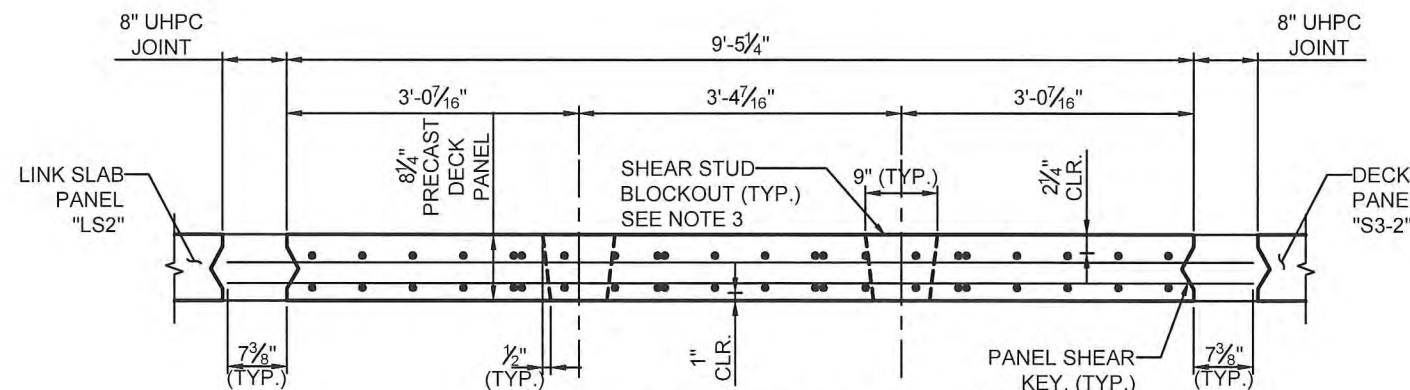
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S3-1 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10450.1971	10293.5292	840+22.38	-17.50	3884.263
B	10440.7597	10293.4949	840+31.82	-17.50	3884.186
C	10428.2043	10258.4491	840+44.50	17.50	3884.596
D	10437.6417	10258.4834	840+35.06	17.50	3884.683



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
S3-1

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

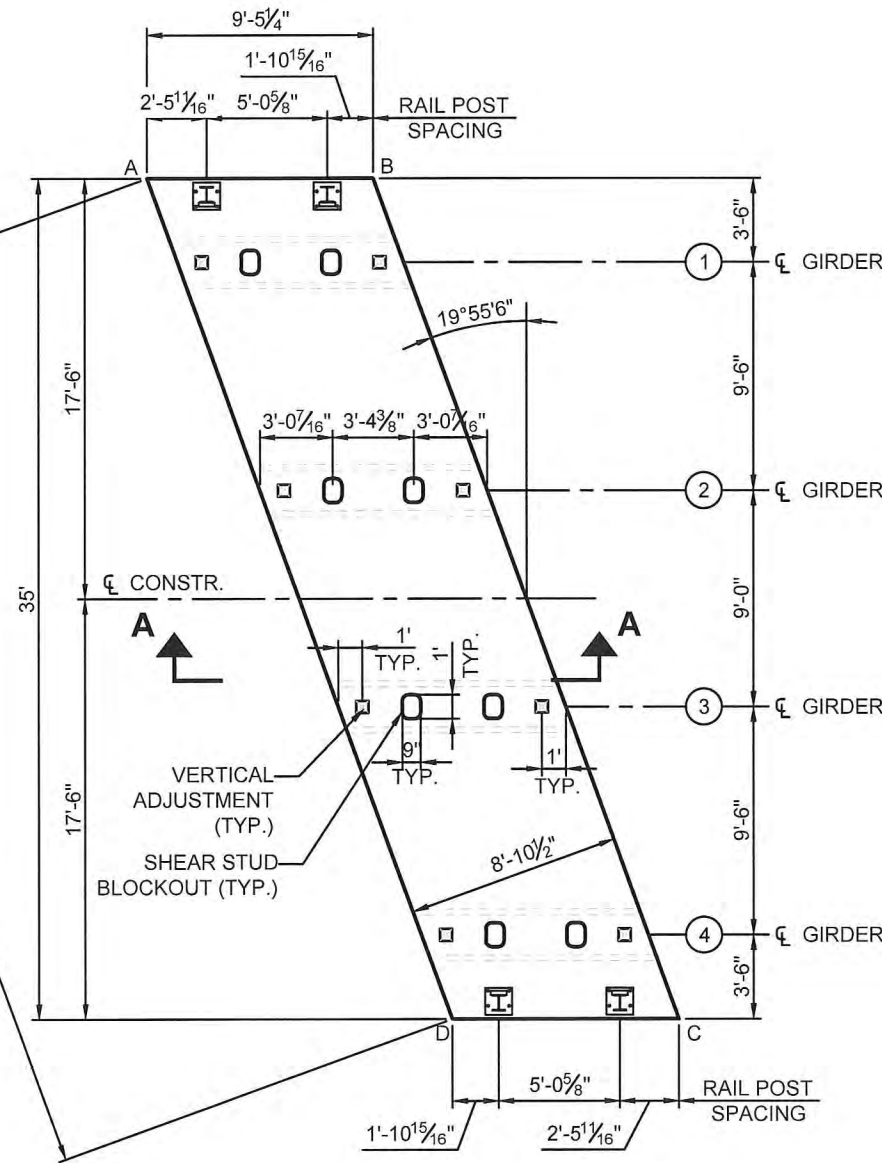
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



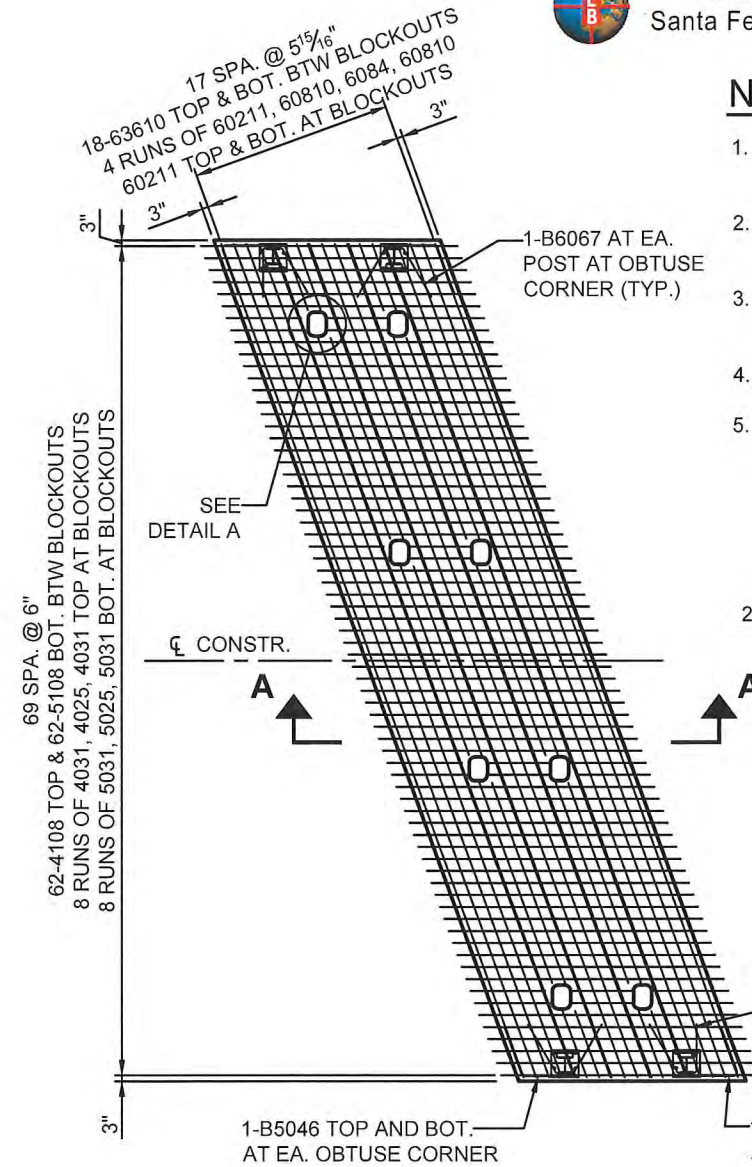
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-47



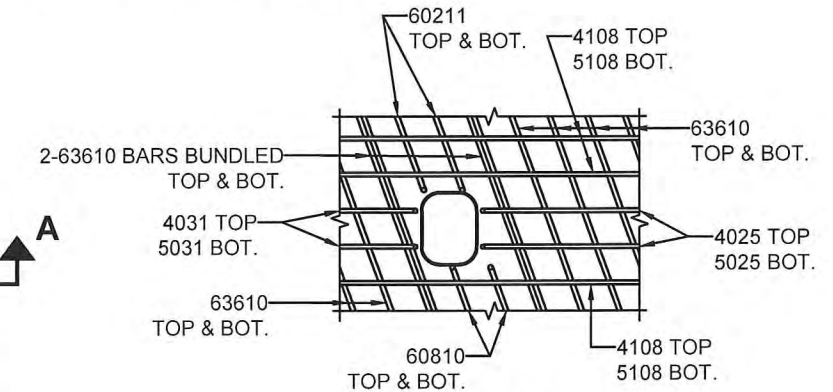
PANEL GEOMETRIC PLAN



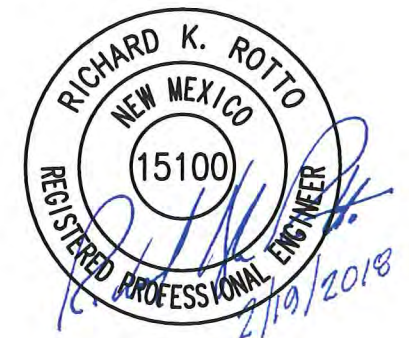
PANEL REINFORCEMENT PLAN

NOTES:

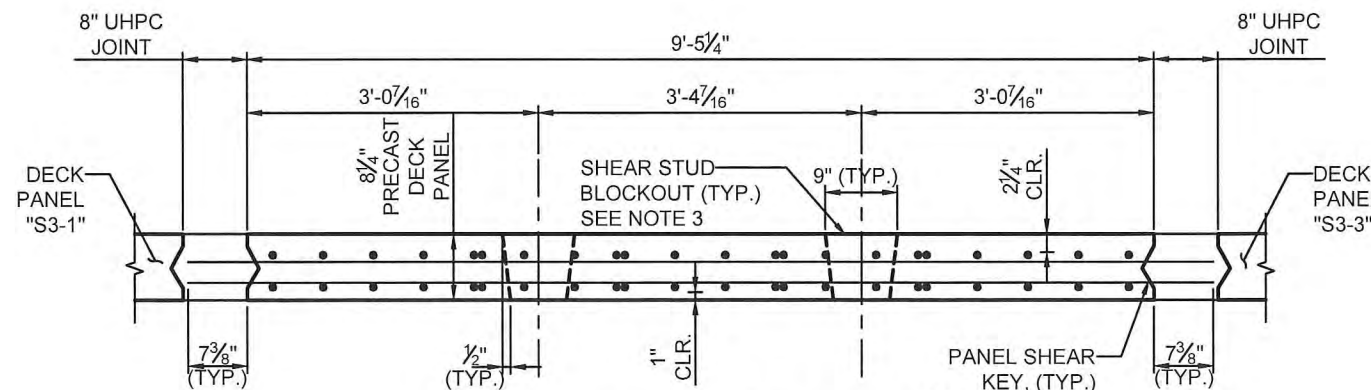
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S3-2 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10440.0930	10293.4925	840+32.48	-17.50	3884.181
B	10430.6556	10293.4583	840+41.92	-17.50	3884.096
C	10418.1002	10258.4125	840+54.60	17.50	3884.495
D	10427.5376	10258.4467	840+45.17	17.50	3884.590



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
S3-2

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

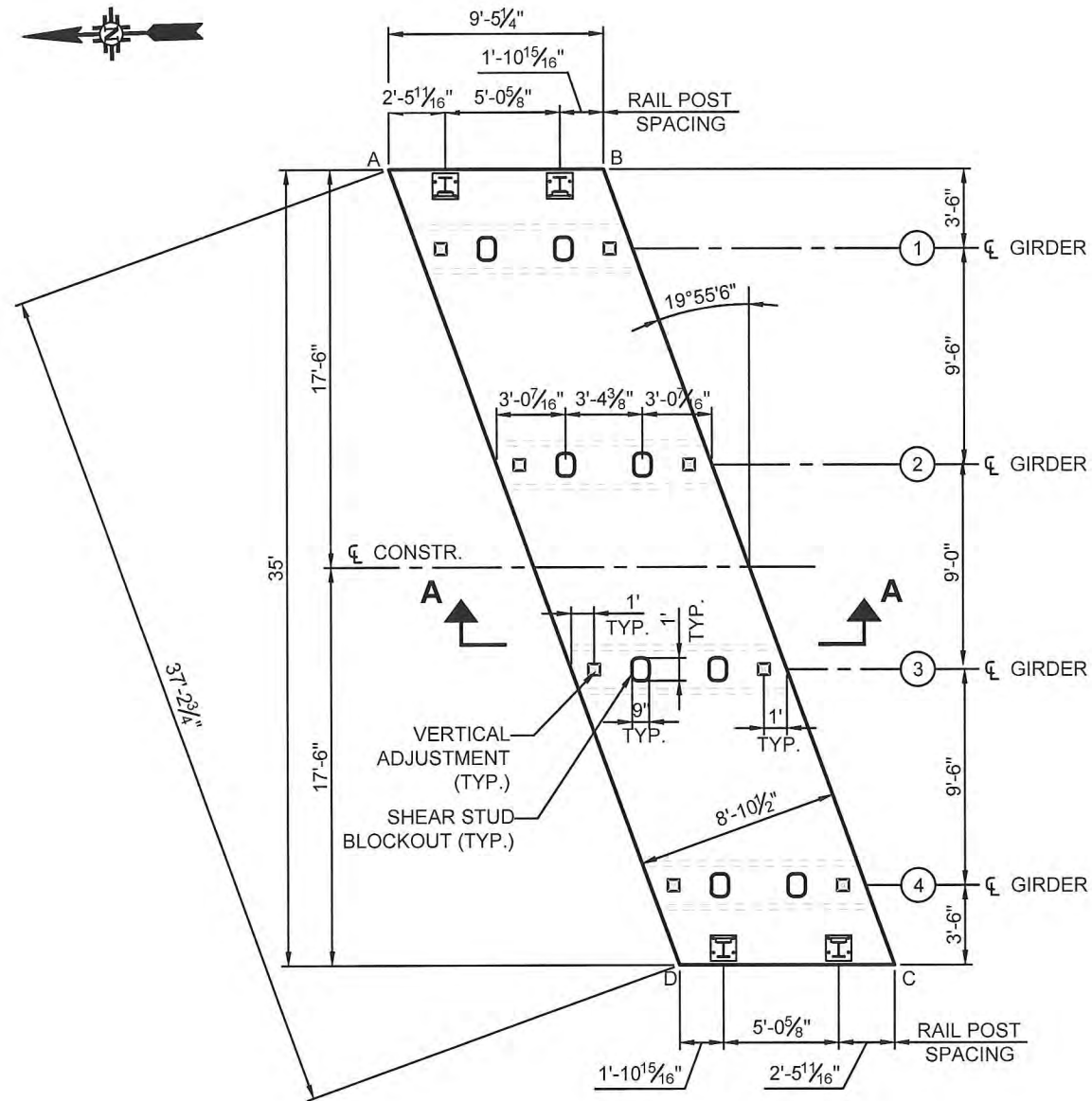
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



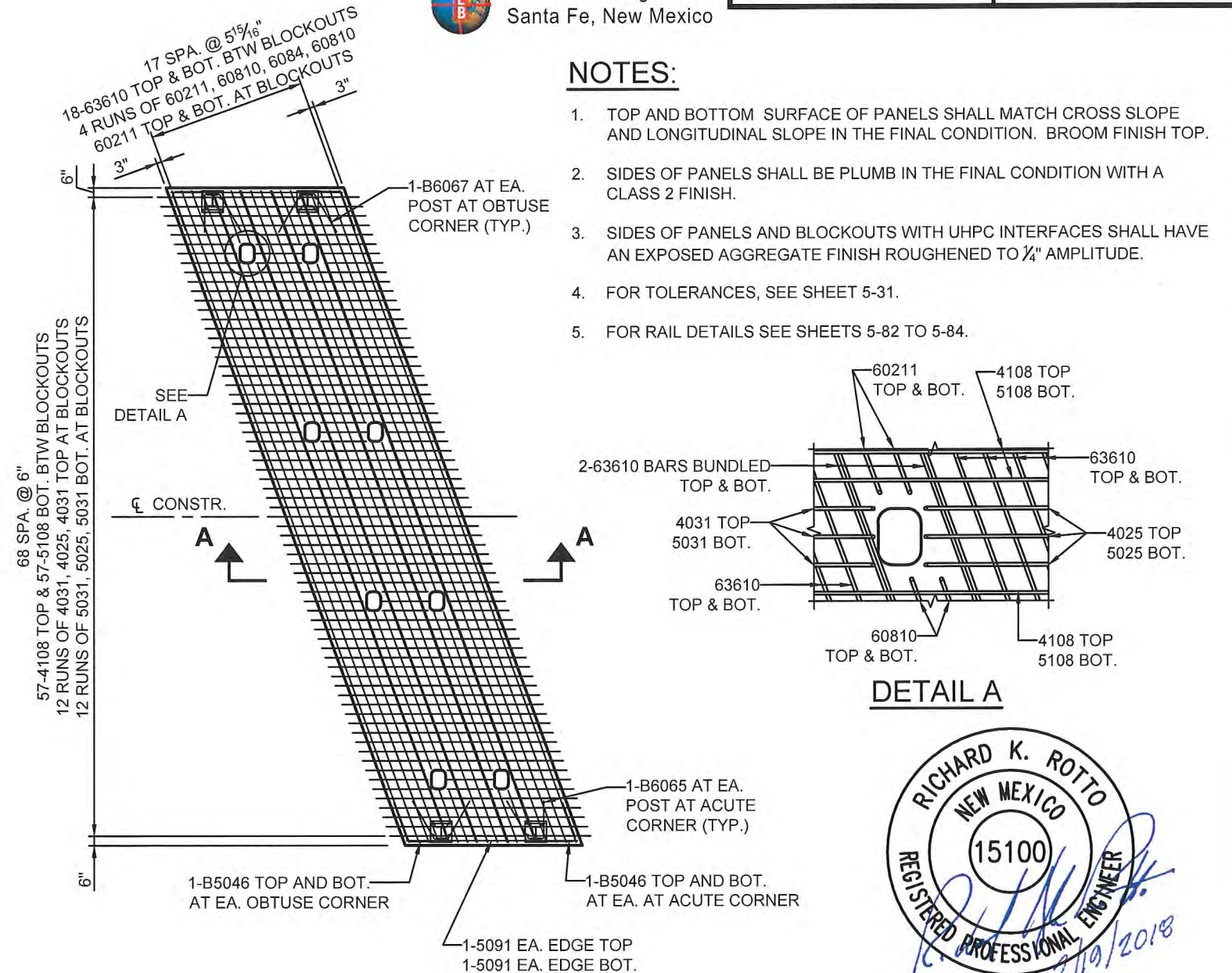
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-48



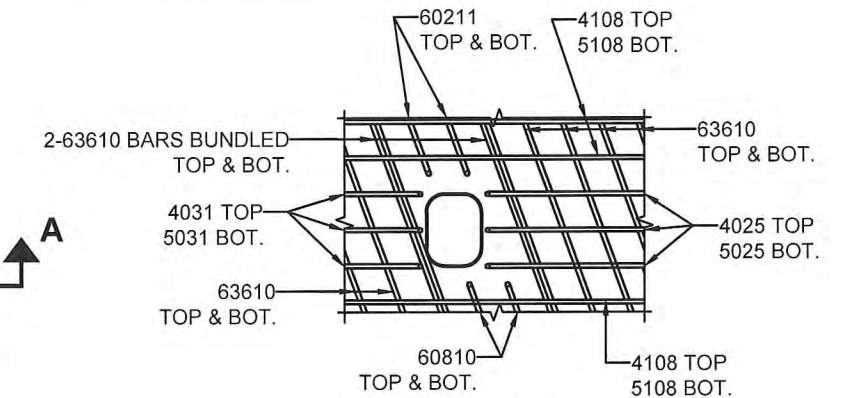
PANEL GEOMETRIC PLAN



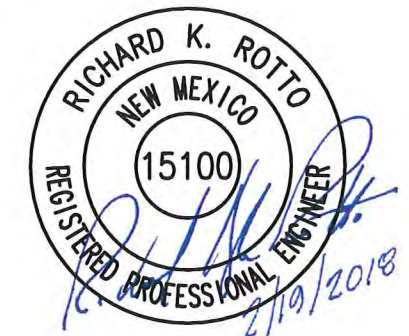
PANEL REINFORCEMENT PLAN

NOTES:

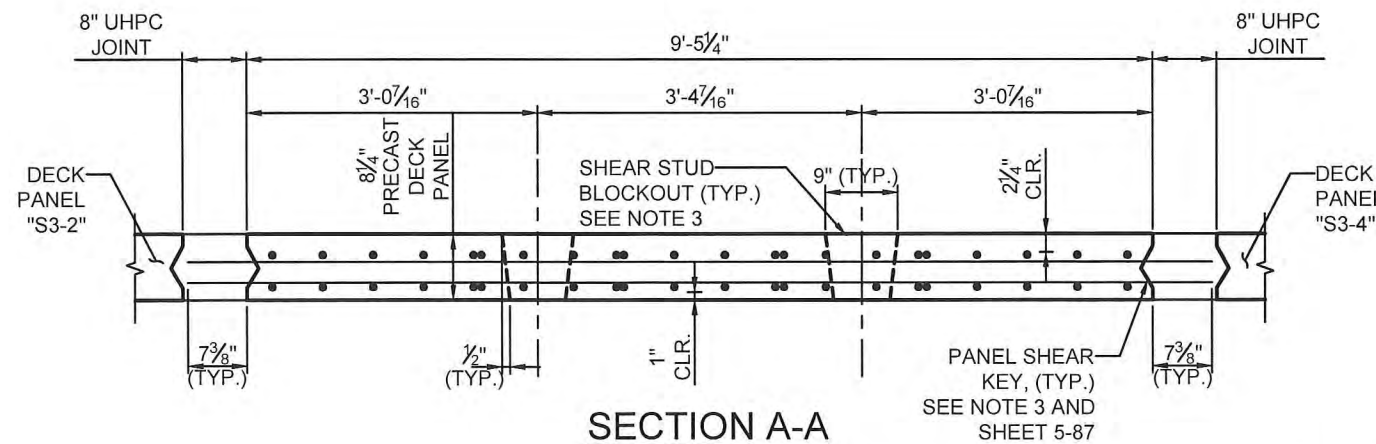
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S3-3 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10429.9889	10293.4559	840+42.59	-17.50	3884.089
B	10420.5515	10293.4216	840+52.03	-17.50	3883.996
C	10407.9961	10258.3758	840+64.71	17.50	3884.384
D	10417.4335	10258.4101	840+55.27	17.50	3884.488



SECTION A-A

BRIDGE				REVISIONS			
NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
1							
2							
3							

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
S3-3

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

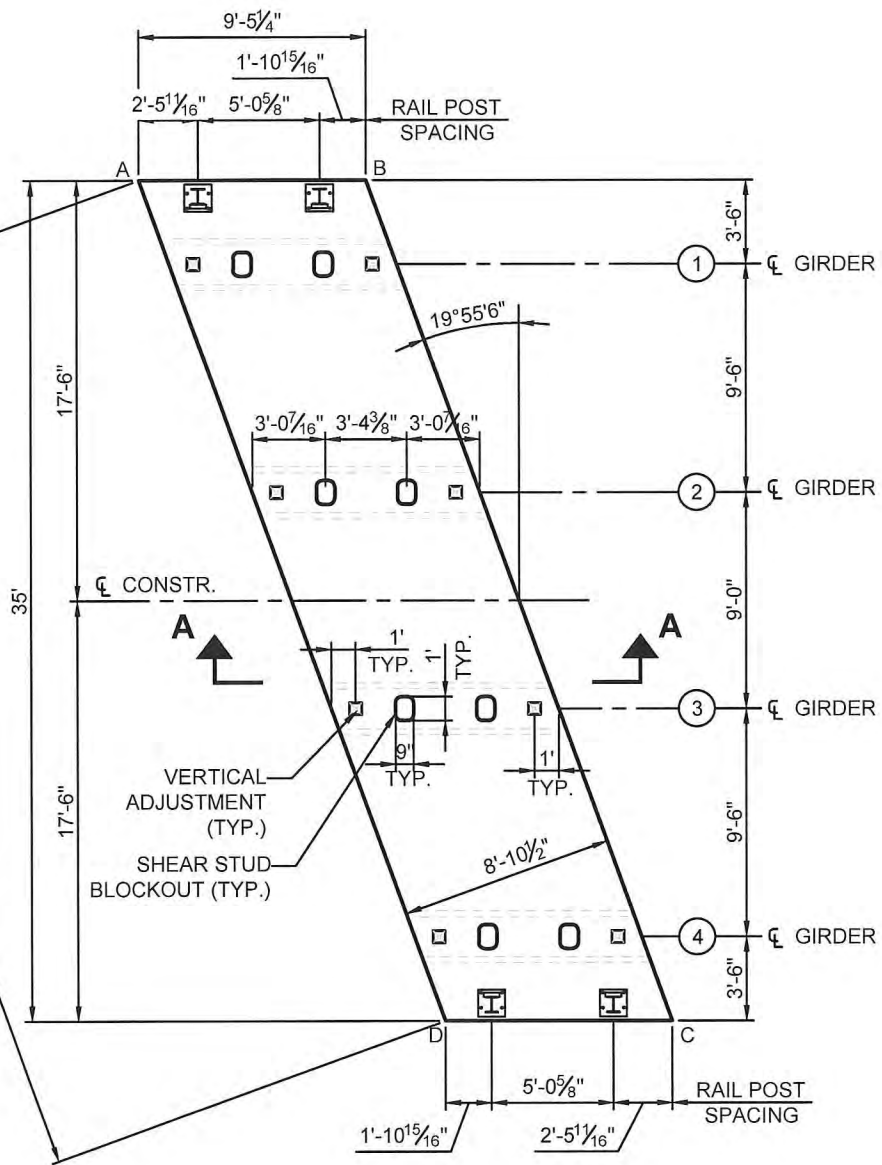
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



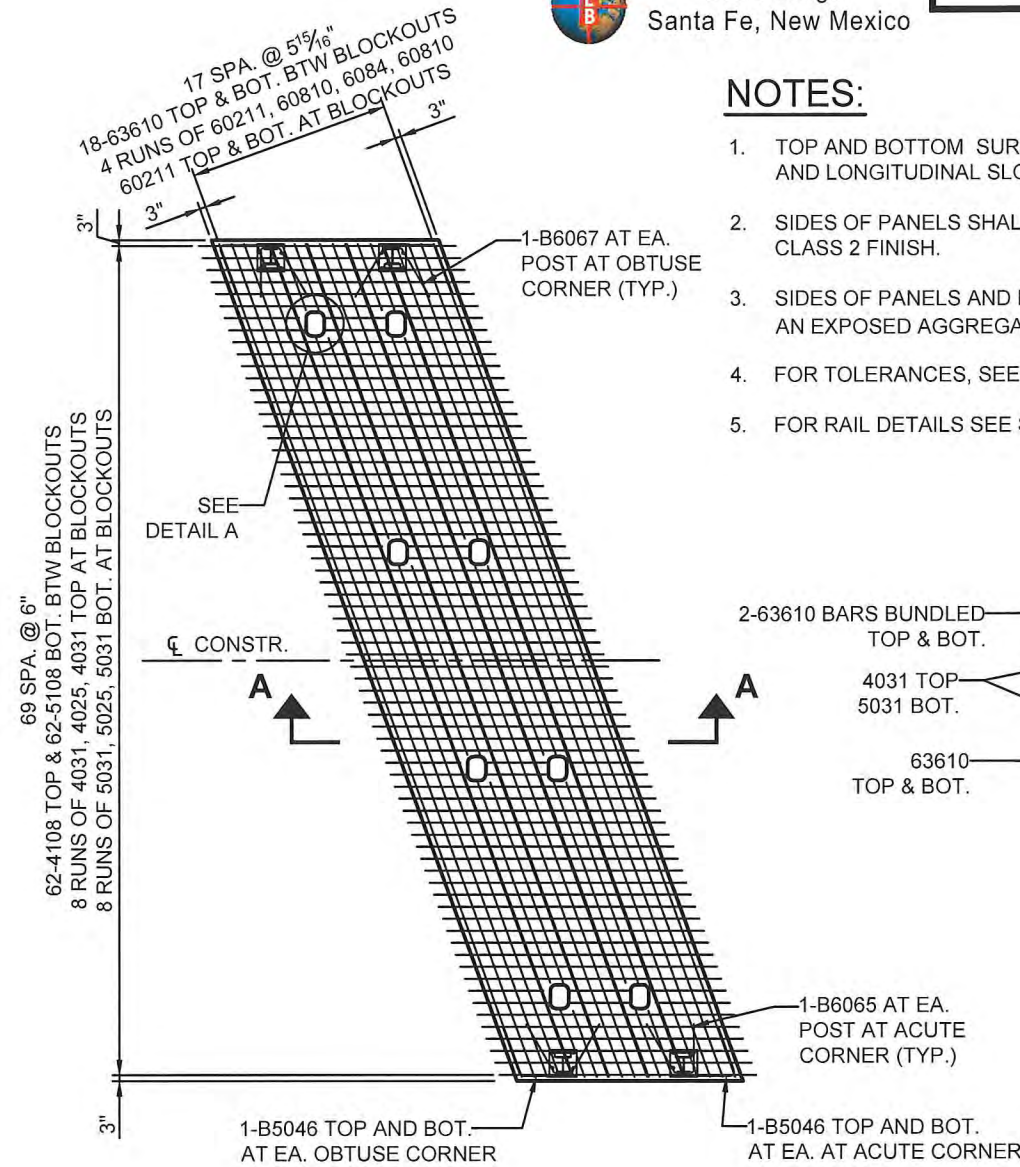
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-49



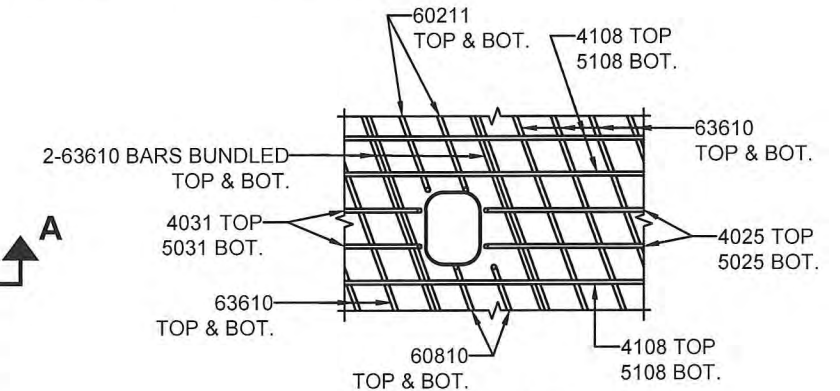
PANEL GEOMETRIC PLAN



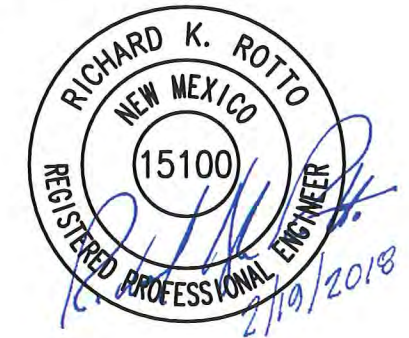
PANEL REINFORCEMENT PLAN

NOTES:

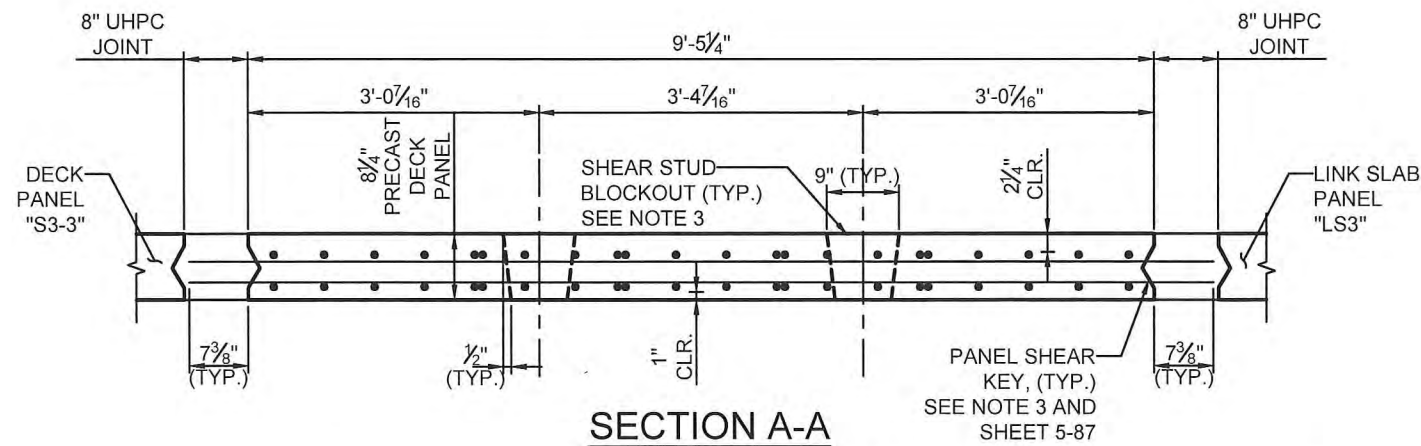
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S3-4 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10419.8848	10293.4192	840+52.69	-17.50	3883.989
B	10410.4474	10293.3849	840+62.13	-17.50	3883.888
C	10397.8920	10258.3391	840+74.81	17.50	3884.265
D	10407.3294	10258.3734	840+65.37	17.50	3884.377



SECTION A-A

BRIDGE				REVISIONS			
NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
1							
2							
3							

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
S3-4

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

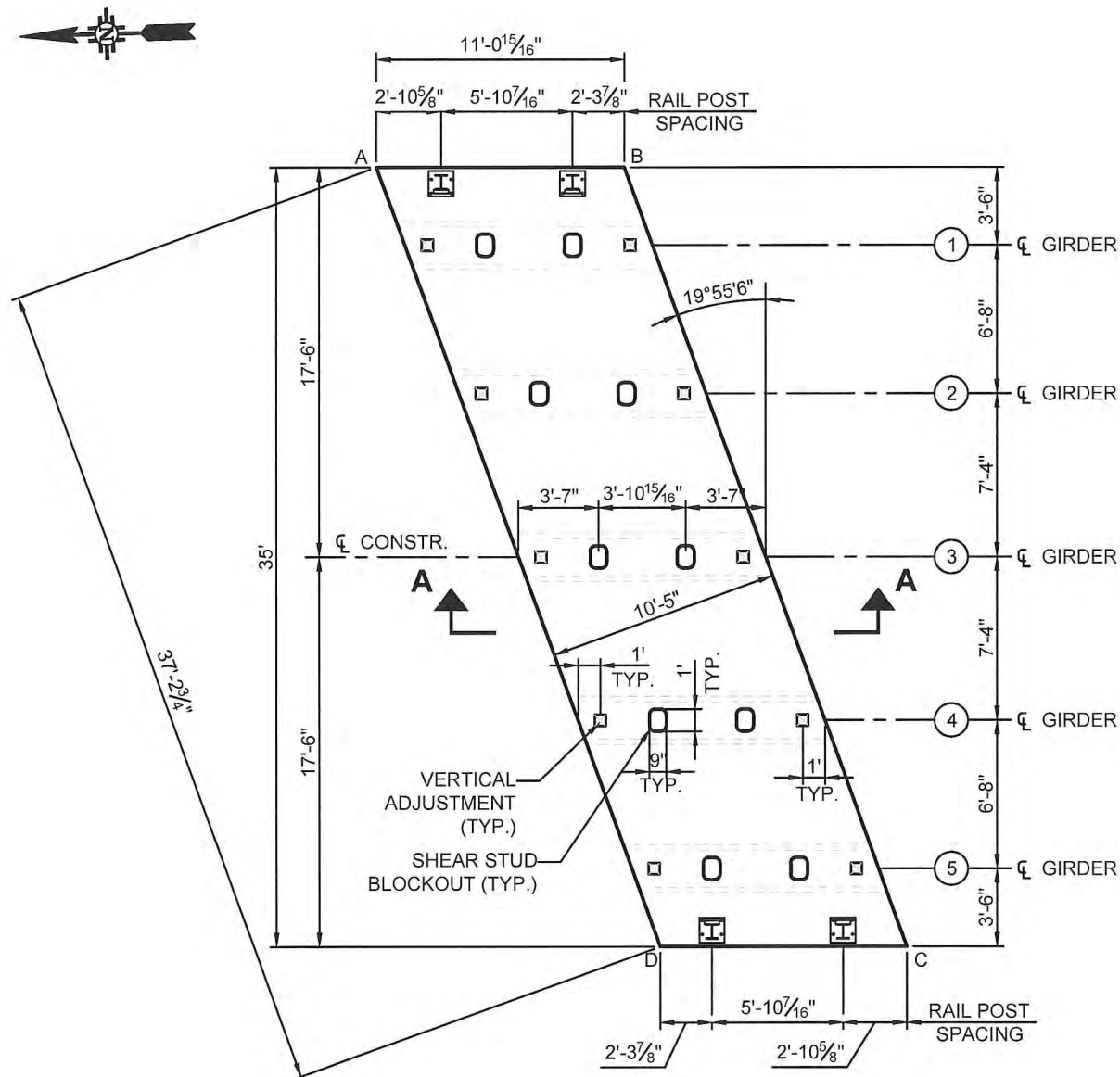
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



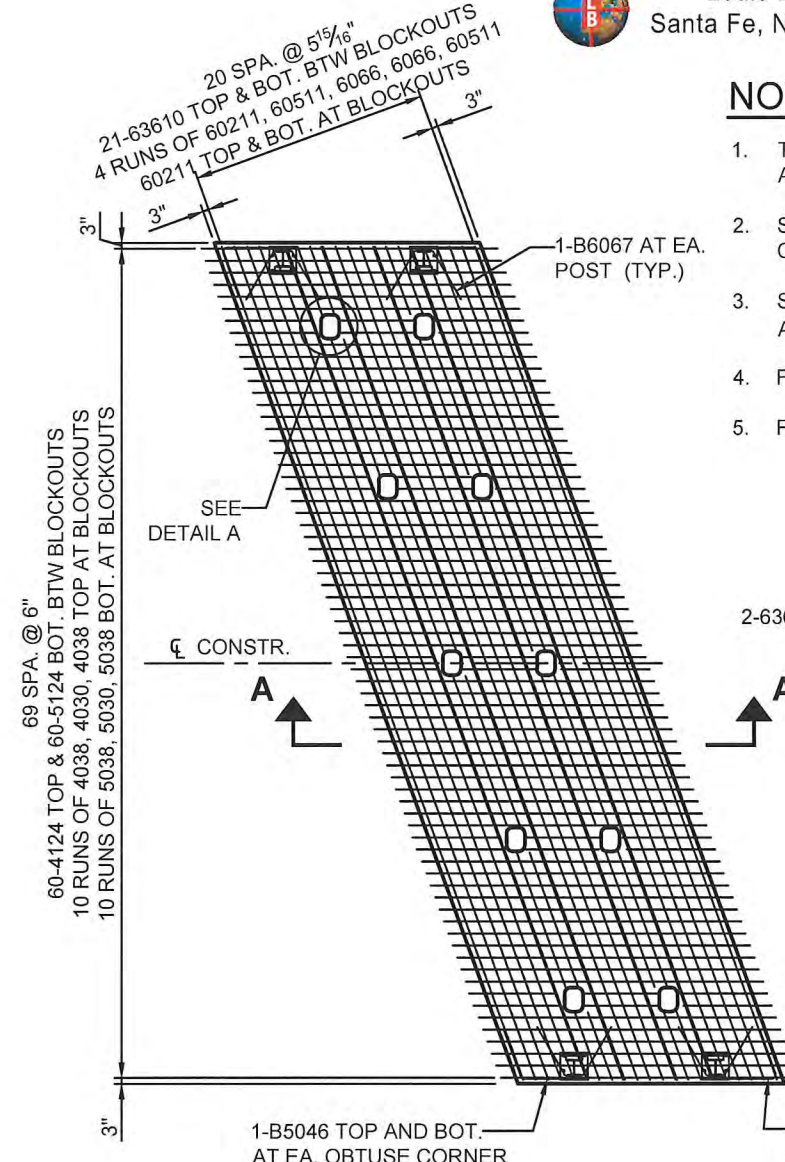
Louis Berger
Santa Fe, New Mexico

NOTES:

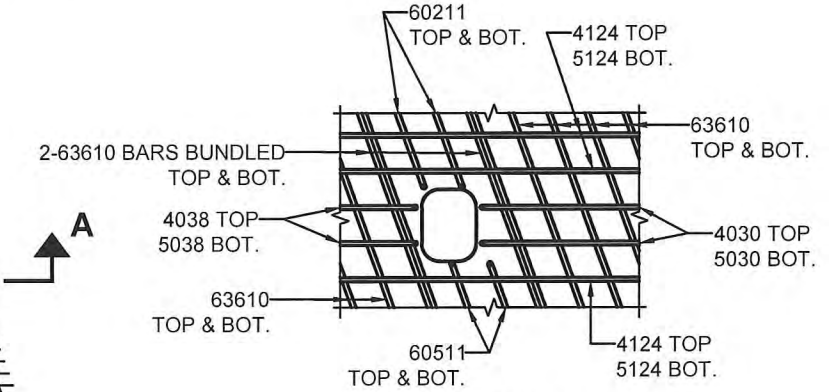
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



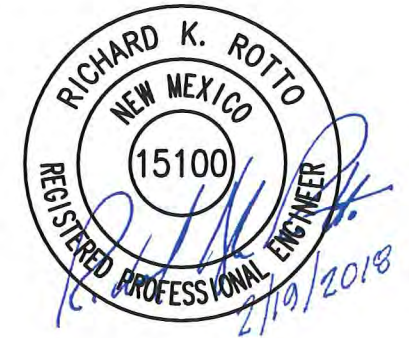
PANEL GEOMETRIC PLAN



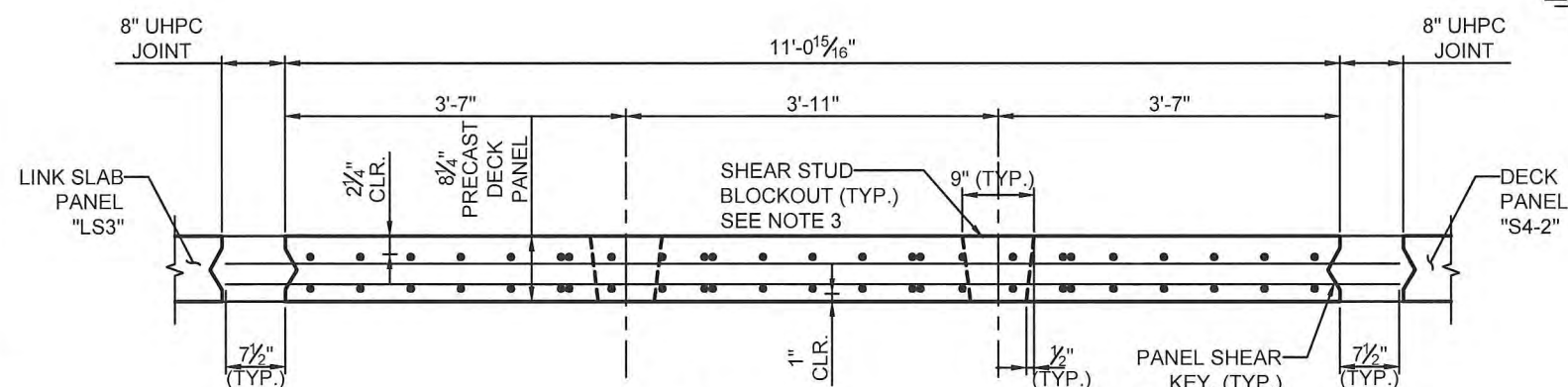
PANEL REINFORCEMENT PLAN



DETAIL A



PANEL SLAB S4-1 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10400.8412	10293.3501	840+71.74	-17.50	3883.777
B	10389.7620	10293.3099	840+82.82	-17.50	3883.639
C	10377.2066	10258.2641	840+95.50	17.50	3883.993
D	10388.2859	10258.3043	840+84.42	17.50	3884.143



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION
NM-93 OVER I-40 BRIDGE REHABILITATION
BRIDGE No. 7345
DECK PANEL DETAILS S4-1

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

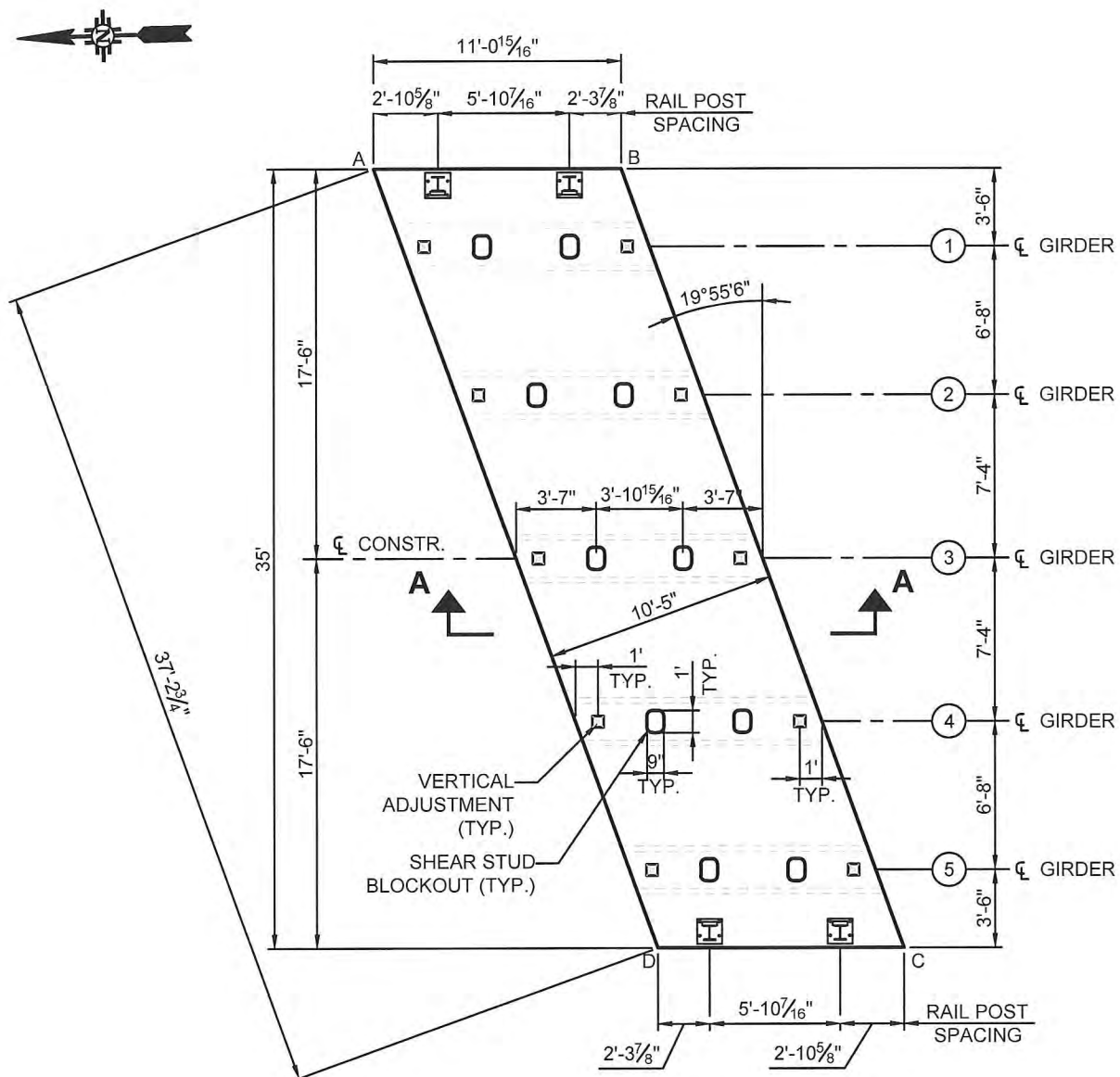
APPROVED FOR CONSTRUCTION: *Kimberly Coleman* DATE: 2/20/2018



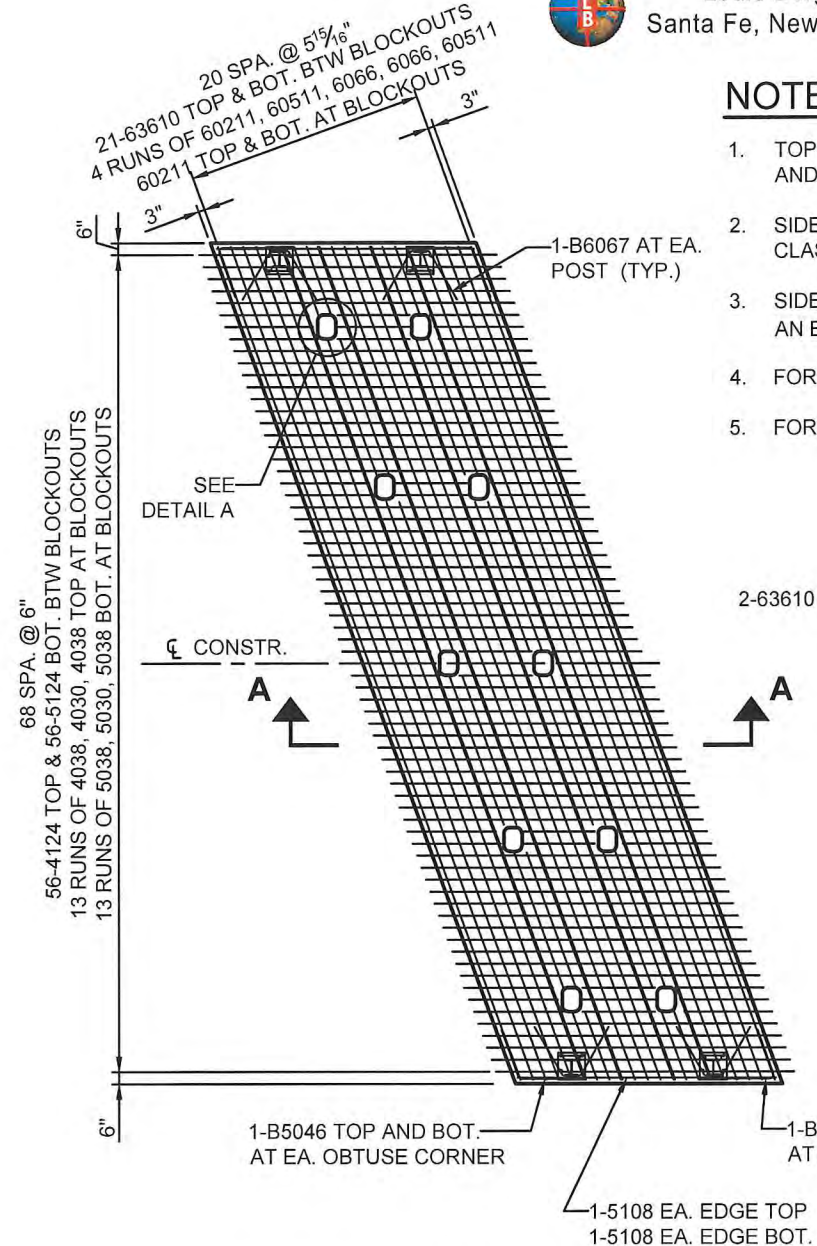
Louis Berger
Santa Fe, New Mexico

NOTES:

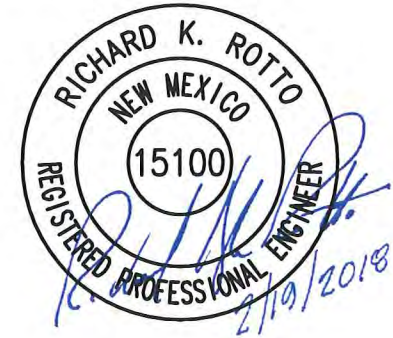
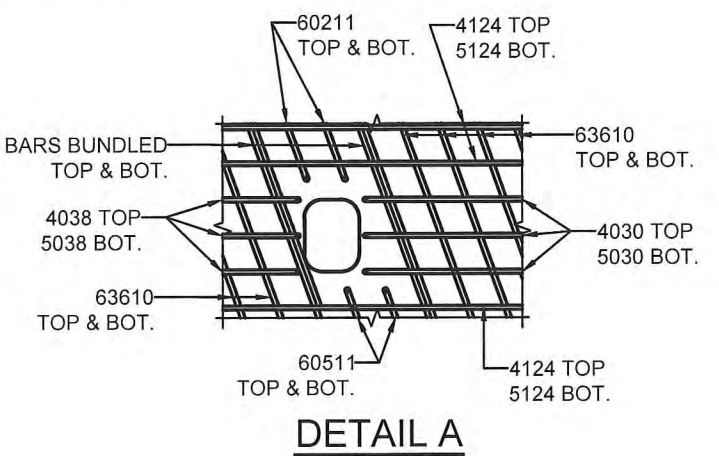
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



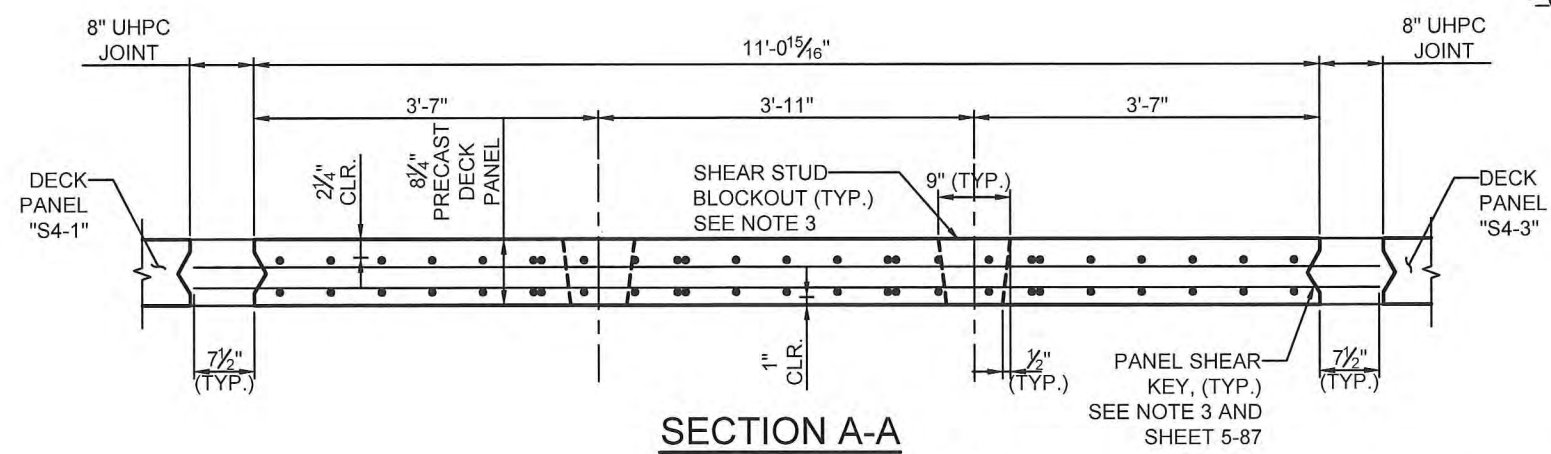
PANEL GEOMETRIC PLAN



PANEL REINFORCEMENT PLAN



PANEL SLAB S4-2 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10389.0953	10293.3074	840+83.48	-17.50	3883.631
B	10378.0160	10293.2672	840+94.56	-17.50	3883.482
C	10365.4607	10258.2214	841+07.24	17.50	3883.823
D	10376.5399	10258.2616	840+96.16	17.50	3883.984



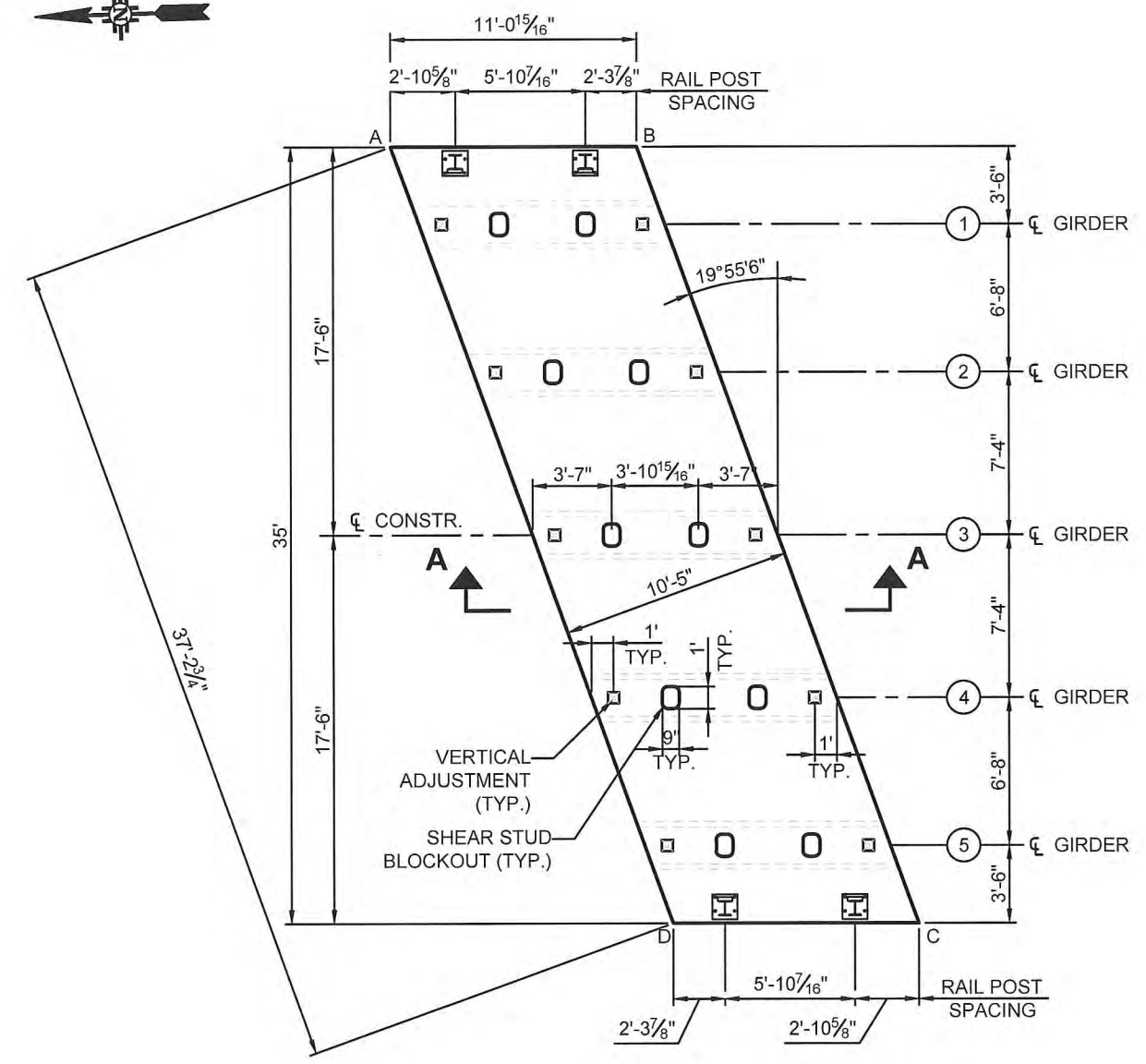
SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

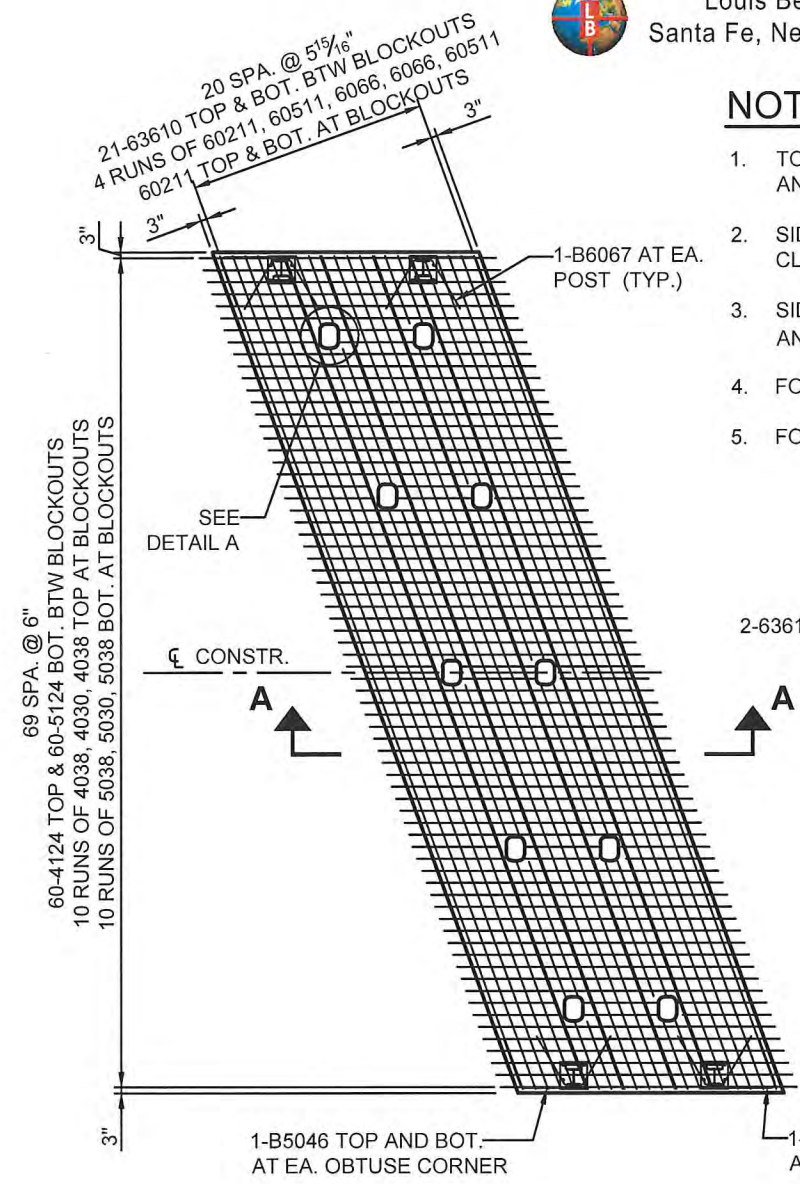
NEW MEXICO DEPARTMENT OF TRANSPORTATION
NM-93 OVER I-40 BRIDGE REHABILITATION
BRIDGE No. 7345
DECK PANEL DETAILS S4-2

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: *Kimberly Coleman* DATE: 2/20/2018



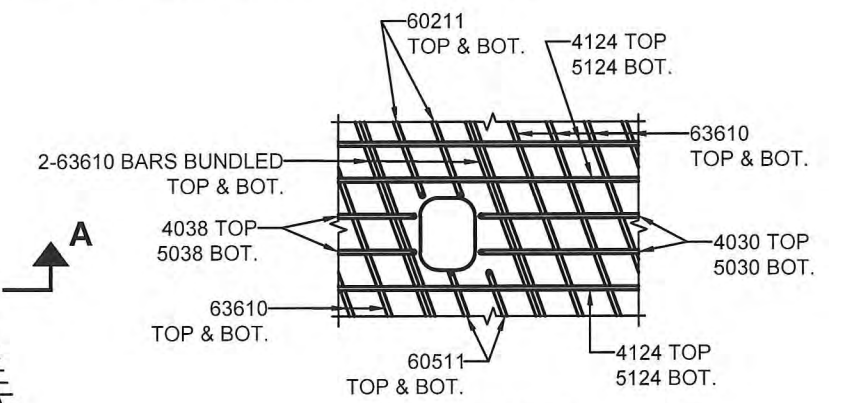
PANEL GEOMETRIC PLAN



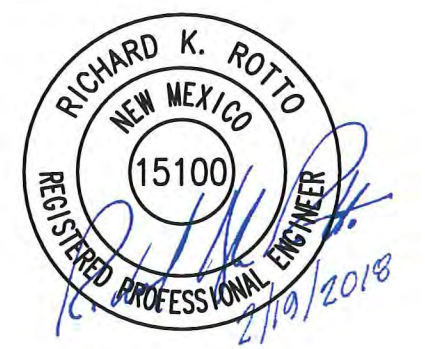
PANEL REINFORCEMENT PLAN

NOTES:

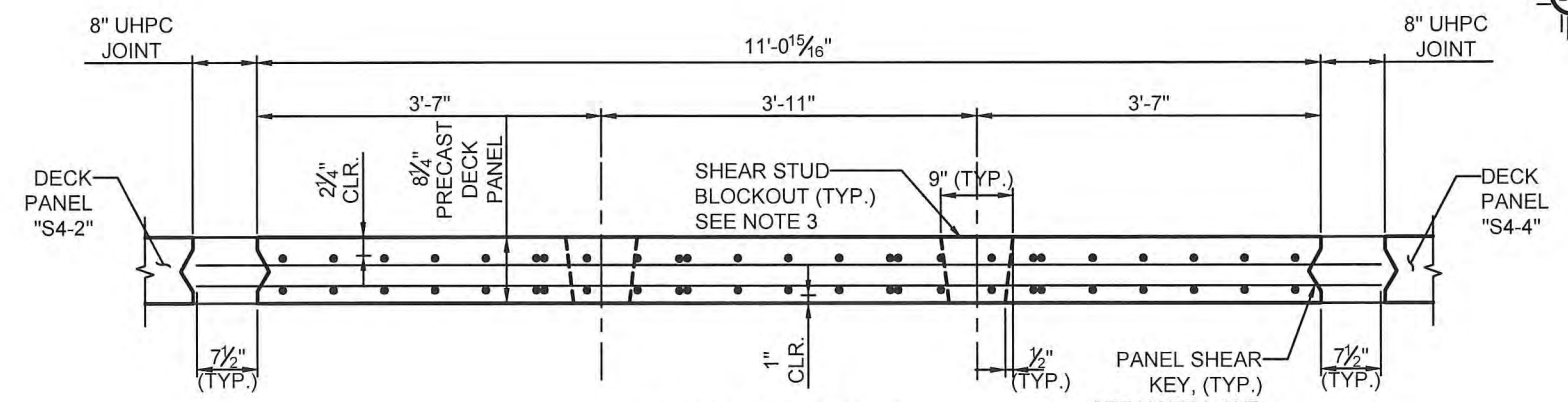
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S4-3 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10377.3494	10293.2648	840+95.23	-17.50	3883.472
B	10366.2701	10293.2246	841+06.31	-17.50	3883.312
C	10353.7147	10258.1788	841+18.99	17.50	3883.640
D	10364.7940	10258.2190	841+07.91	17.50	3883.813



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

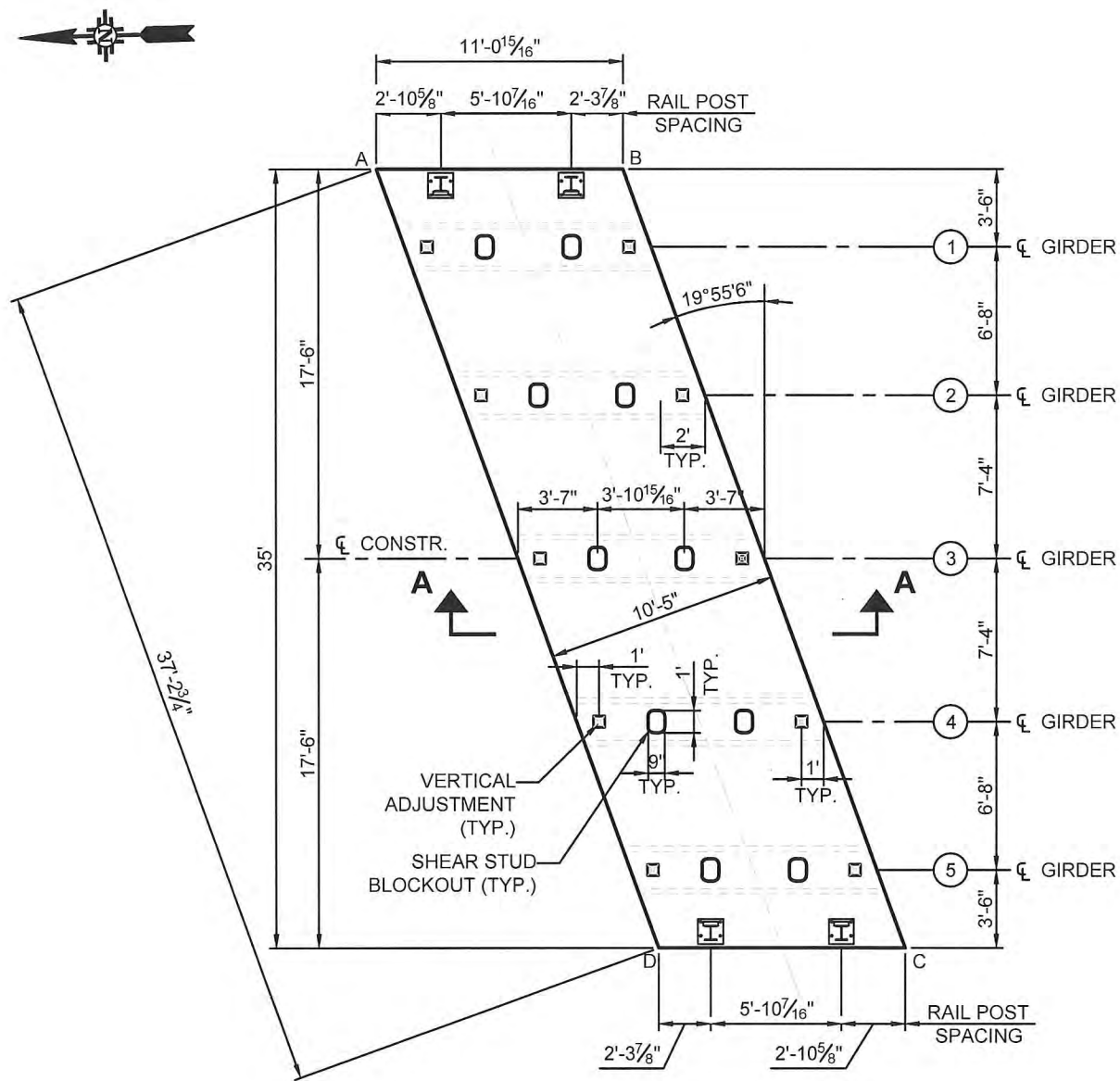
DECK PANEL DETAILS
S4-3



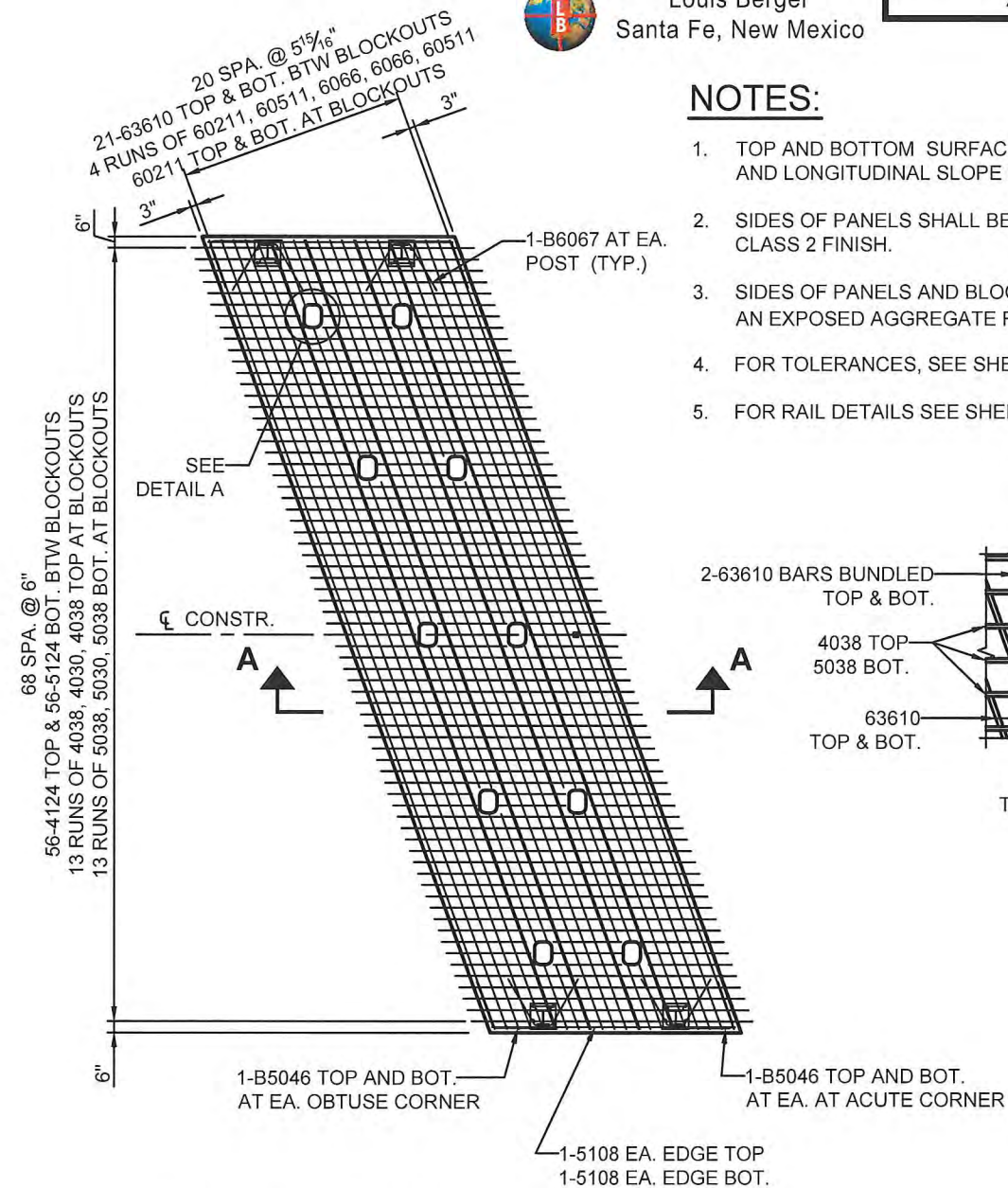
Louis Berger
Santa Fe, New Mexico

NOTES:

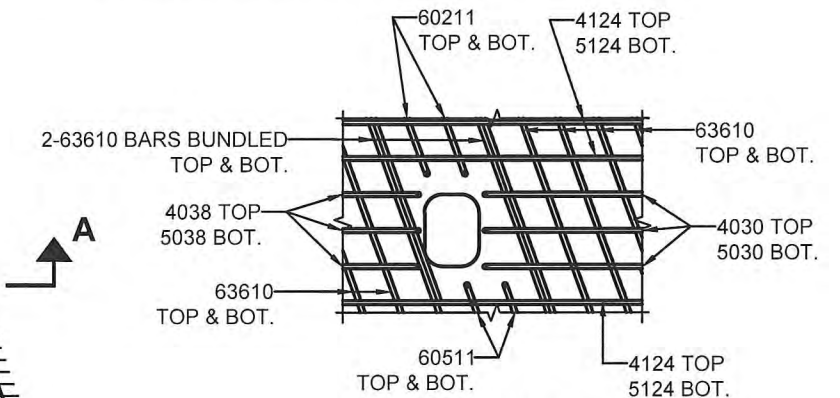
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



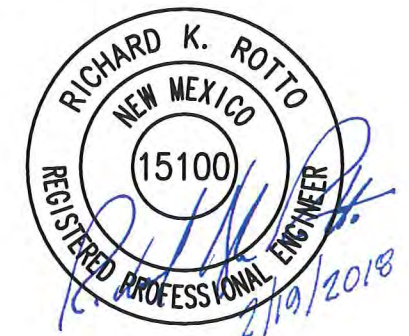
PANEL GEOMETRIC PLAN



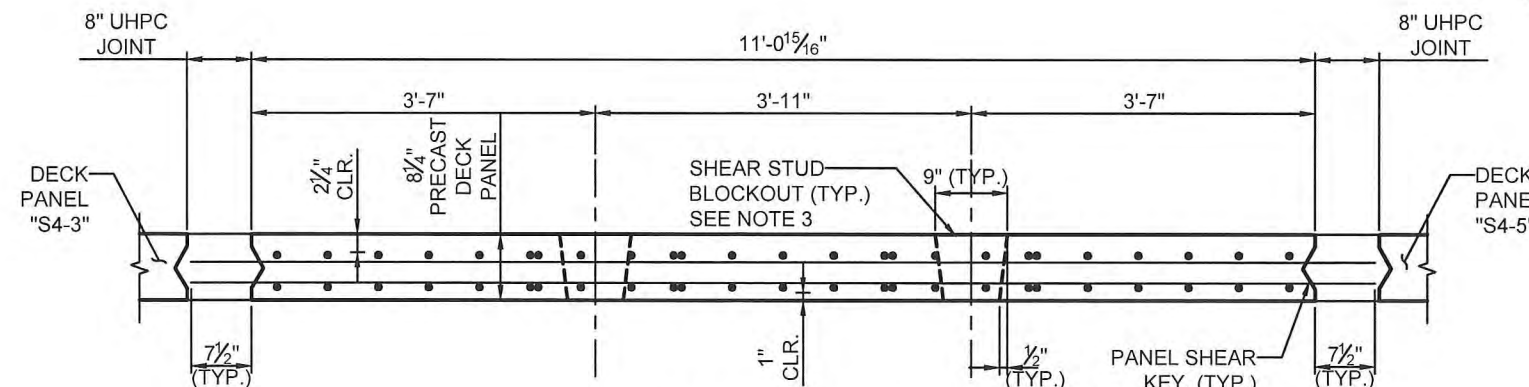
PANEL REINFORCEMENT PLAN



DETAIL A



PANEL SLAB S4-4 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10365.6035	10293.2222	841+06.97	-17.50	3883.302
B	10354.5242	10293.1820	841+18.05	-17.50	3883.131
C	10341.9688	10258.1362	841+30.74	17.50	3883.446
D	10353.0481	10258.1764	841+19.66	17.50	3883.630



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
S4-4

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

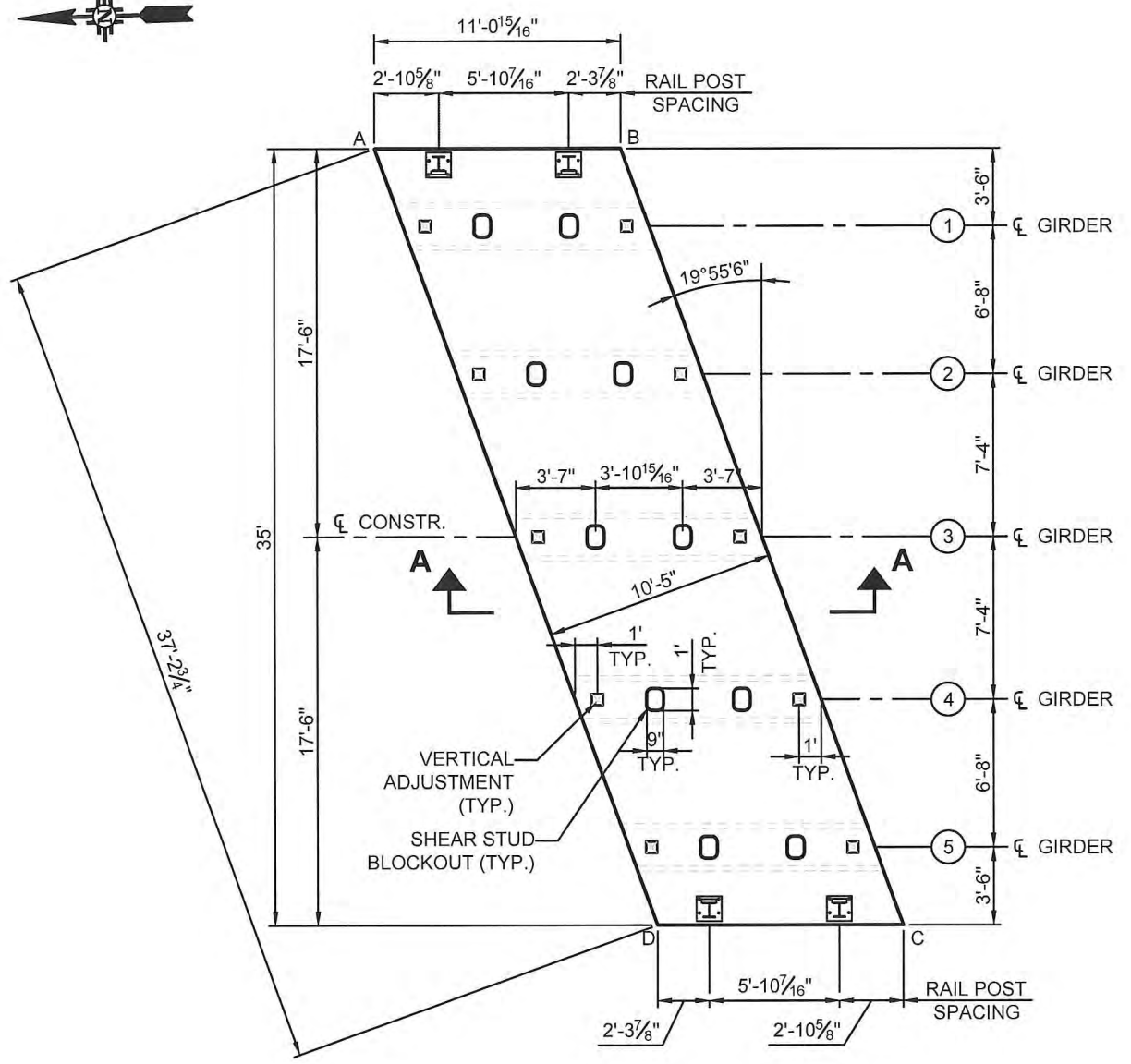
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



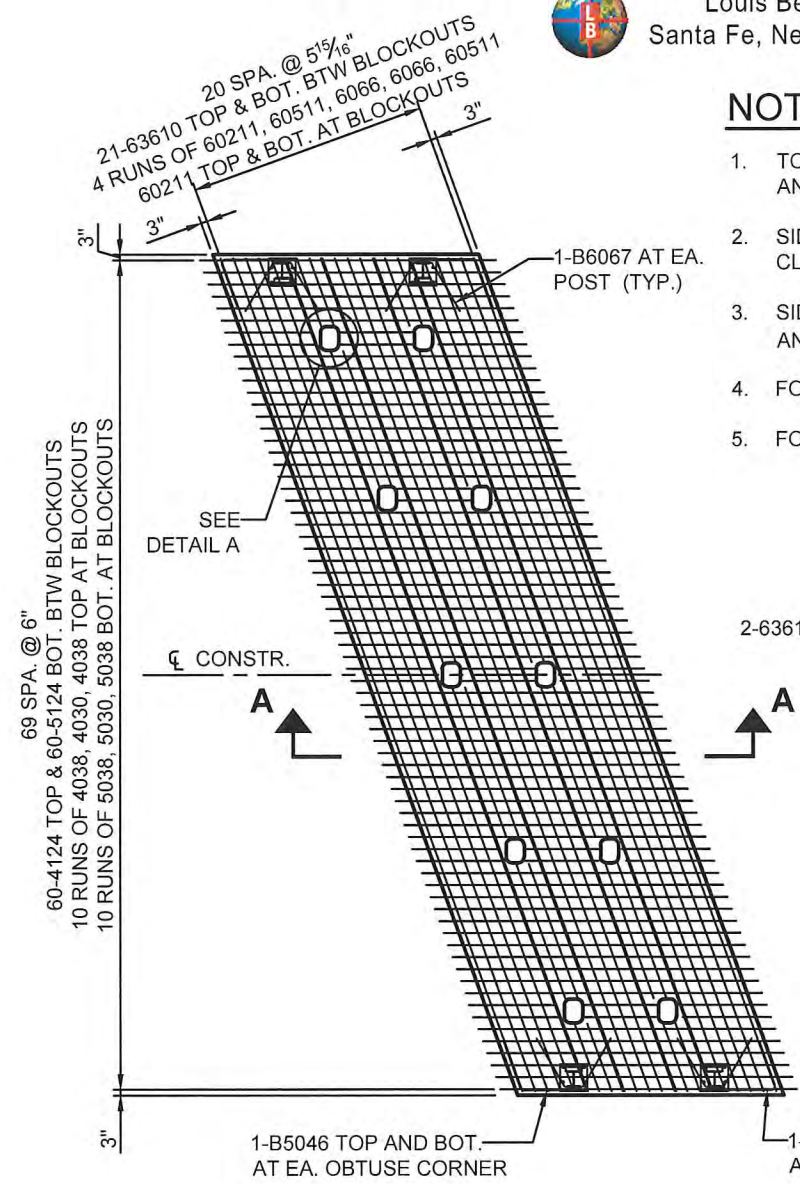
Louis Berger
Santa Fe, New Mexico

NOTES:

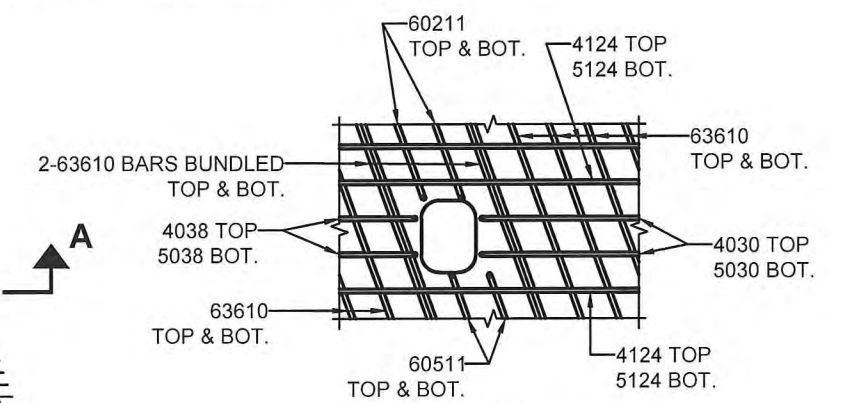
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



PANEL GEOMETRIC PLAN



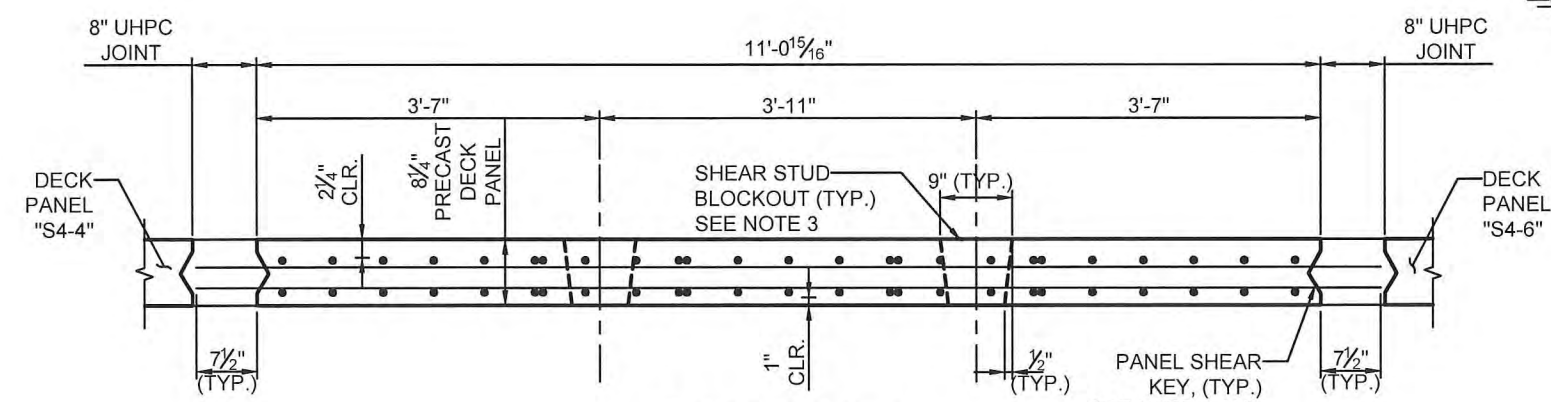
PANEL REINFORCEMENT PLAN



DETAIL A



PANEL SLAB S4-5 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10353.8575	10293.1795	841+18.72	-17.50	3883.120
B	10342.7783	10293.1393	841+29.80	-17.50	3882.937
C	10330.2229	10258.0935	841+42.48	17.50	3883.240
D	10341.3021	10258.1337	841+31.40	17.50	3883.435



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION
NM-93 OVER I-40 BRIDGE REHABILITATION
BRIDGE No. 7345
DECK PANEL DETAILS S4-5

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

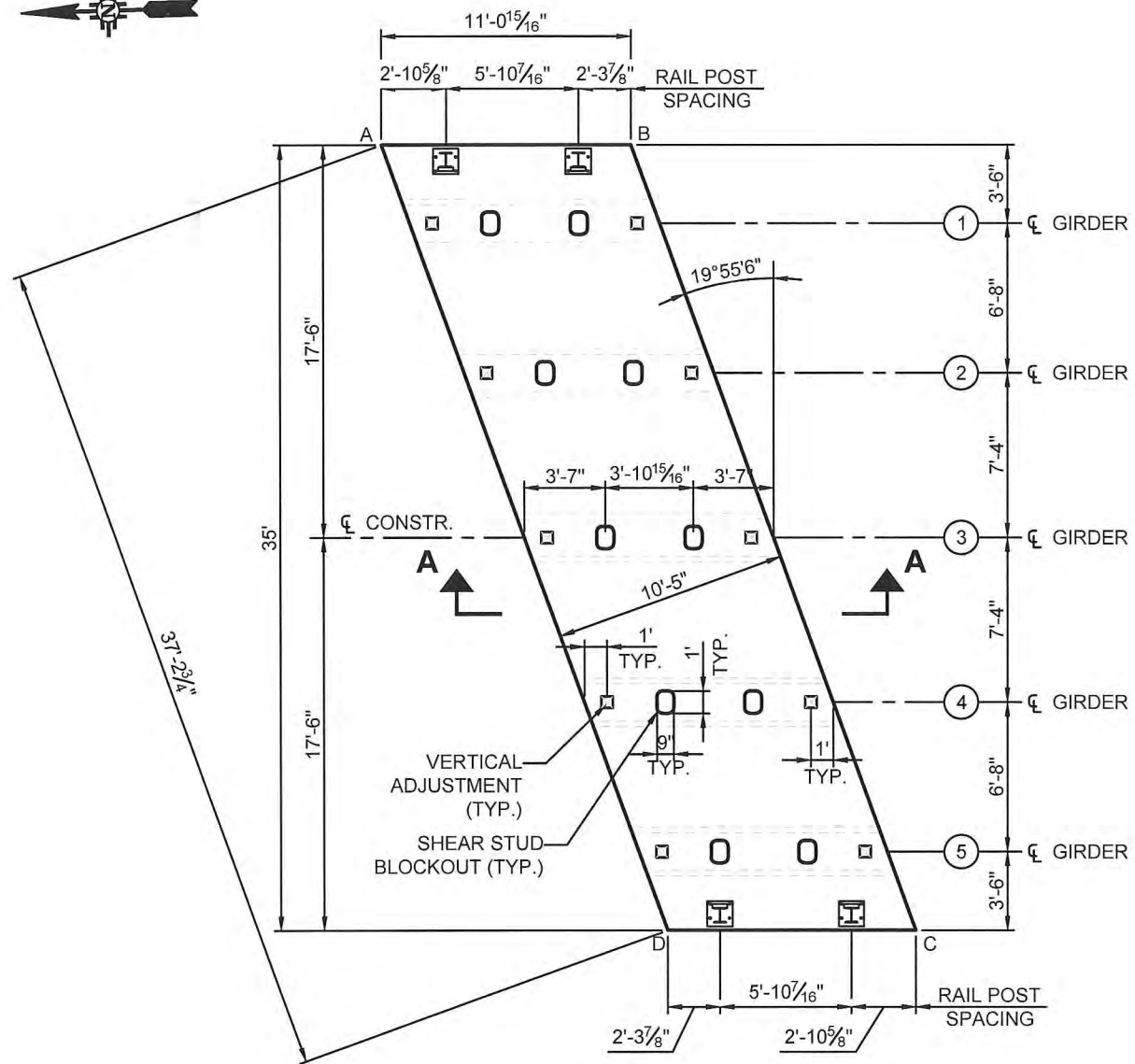
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



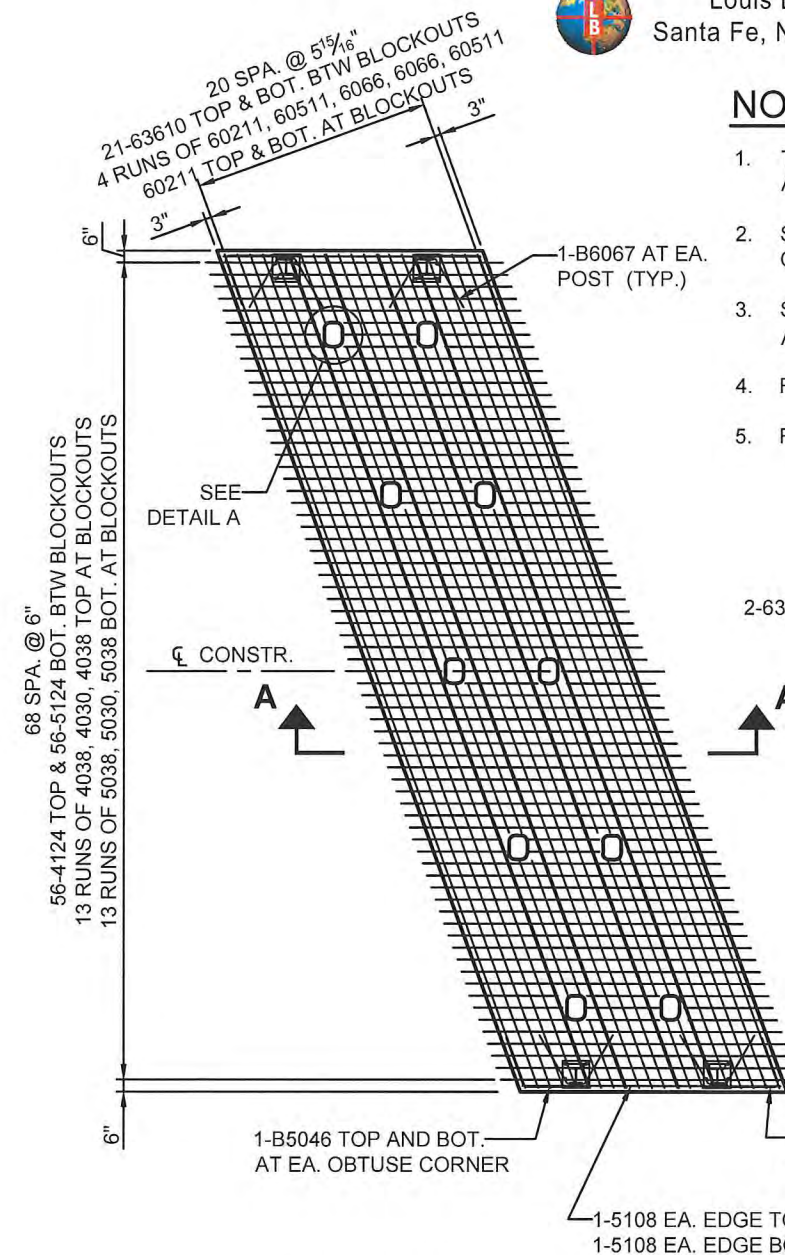
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-55



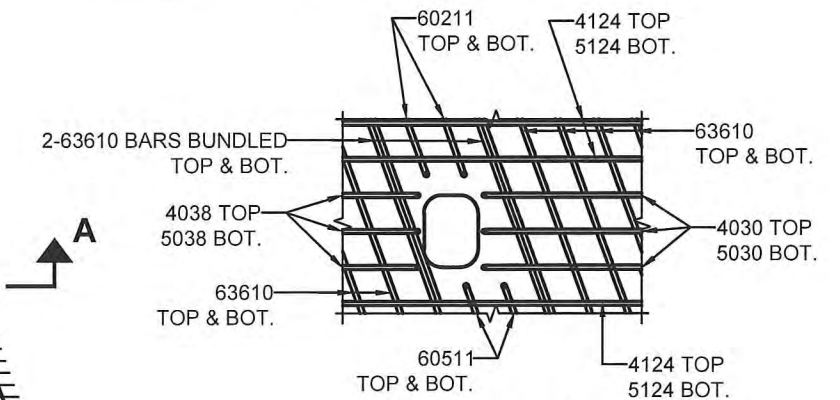
PANEL GEOMETRIC PLAN



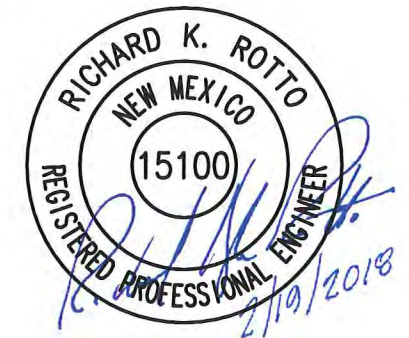
PANEL REINFORCEMENT PLAN

NOTES:

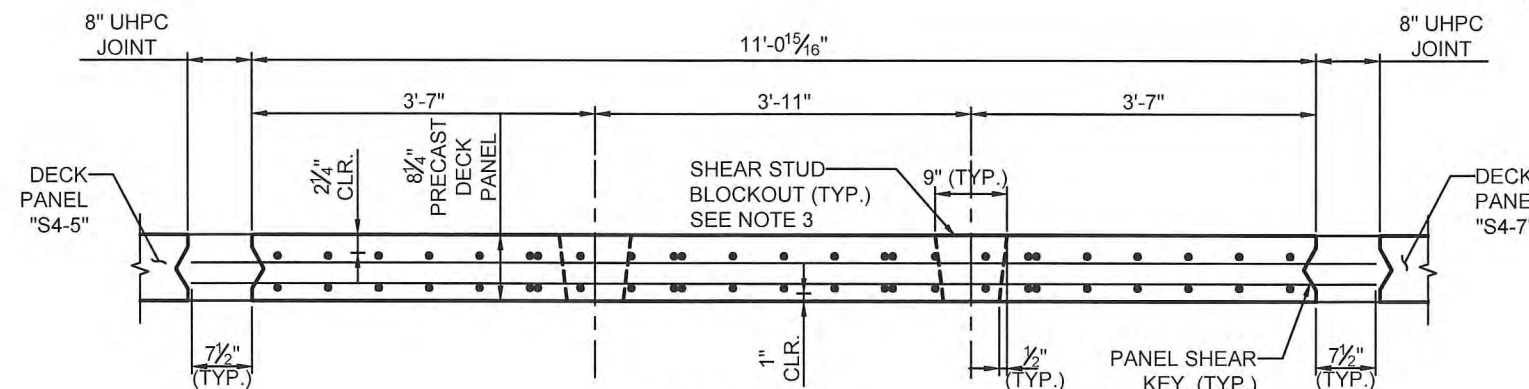
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S4-6 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10342.1116	10293.1369	841+30.47	-17.50	3882.926
B	10331.0323	10293.0967	841+41.55	-17.50	3882.732
C	10318.4770	10258.0509	841+54.23	17.50	3883.022
D	10329.5562	10258.0911	841+43.15	17.50	3883.228



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
S4-6

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

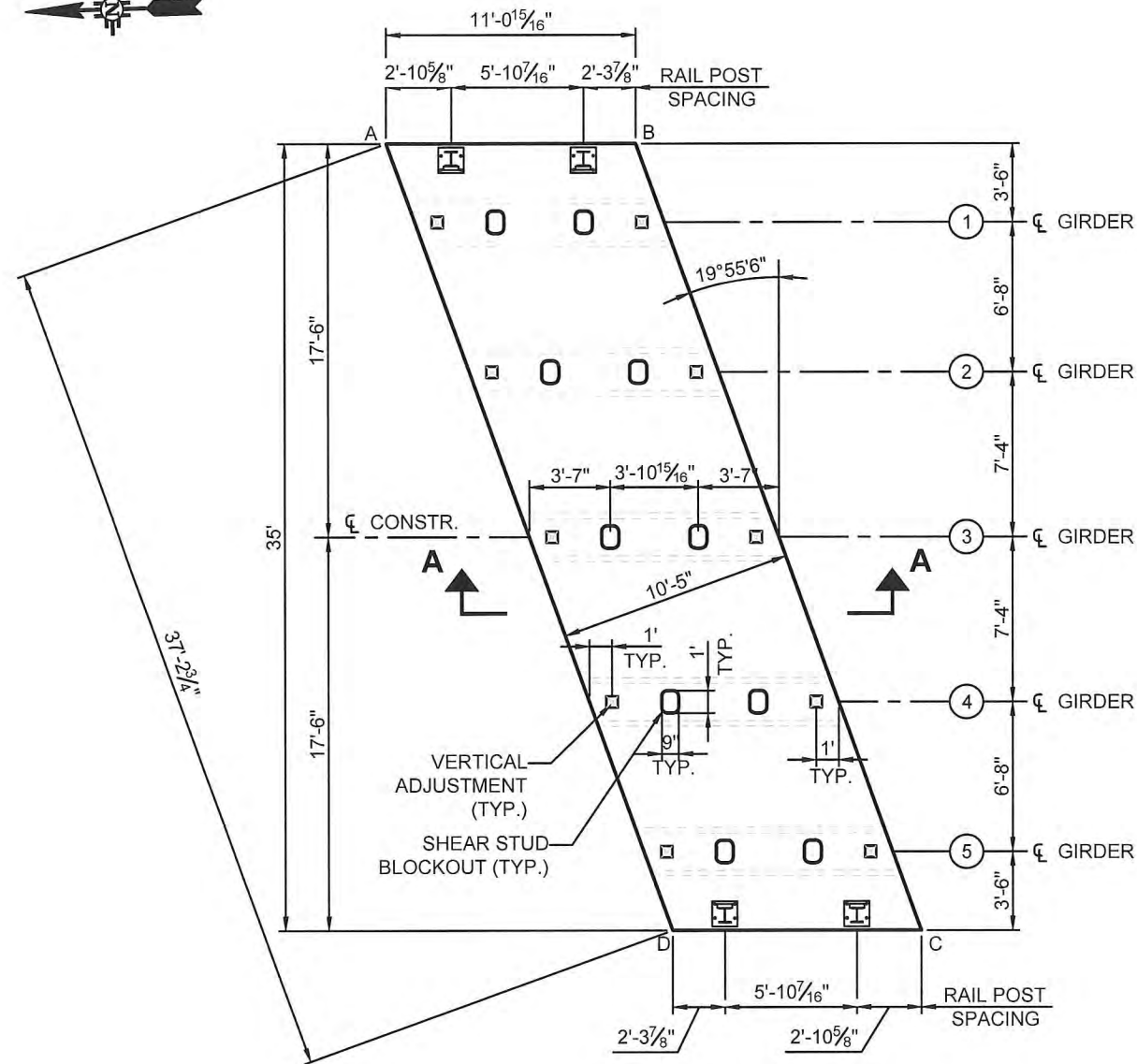
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



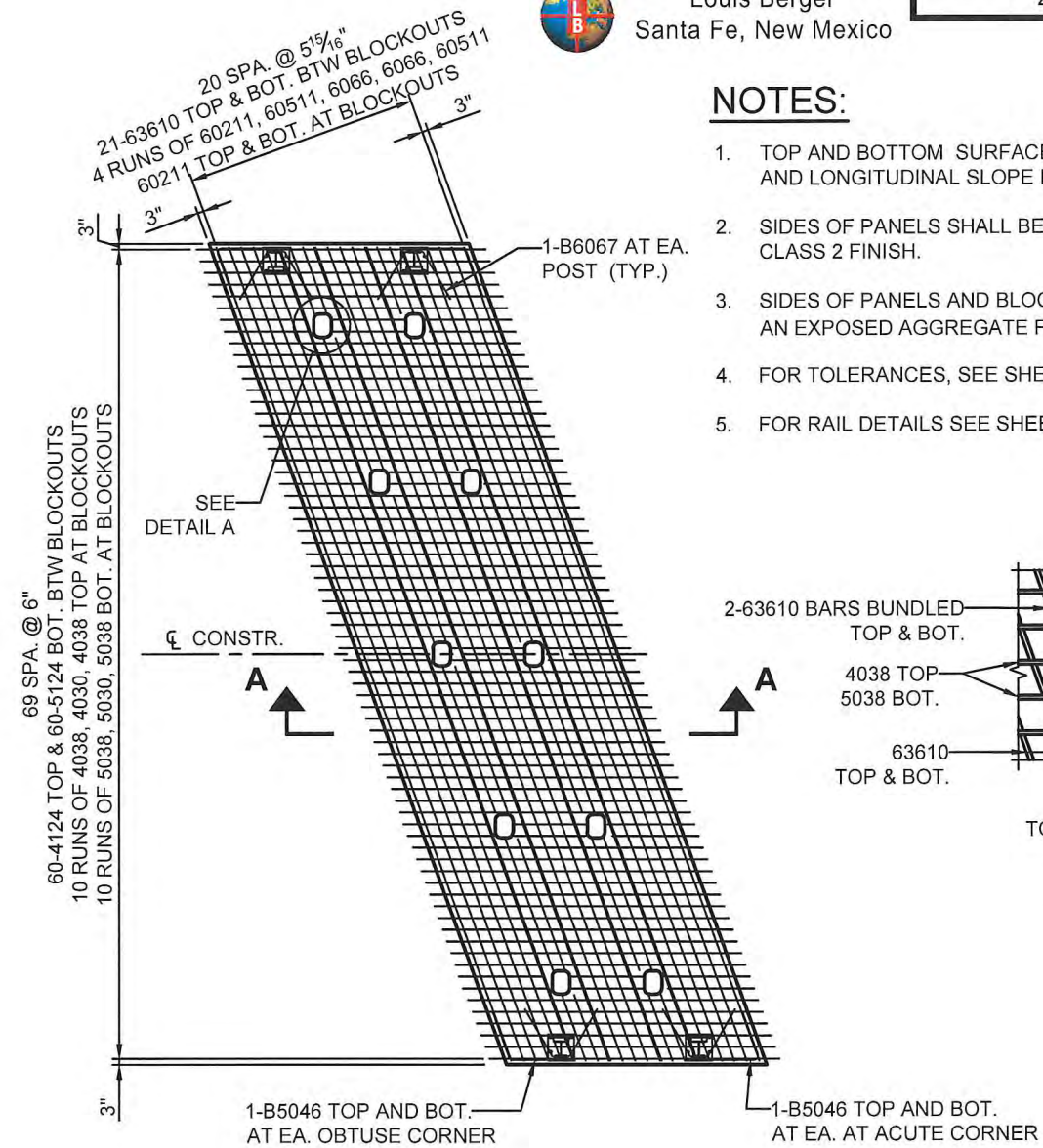
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-56



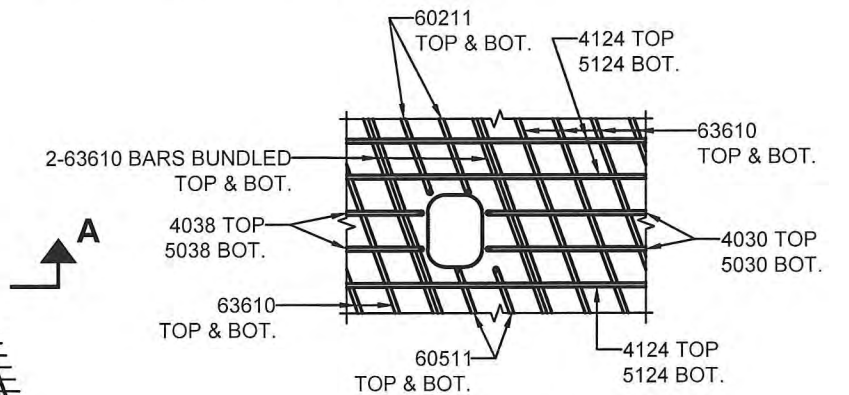
PANEL GEOMETRIC PLAN



PANEL REINFORCEMENT PLAN

NOTES:

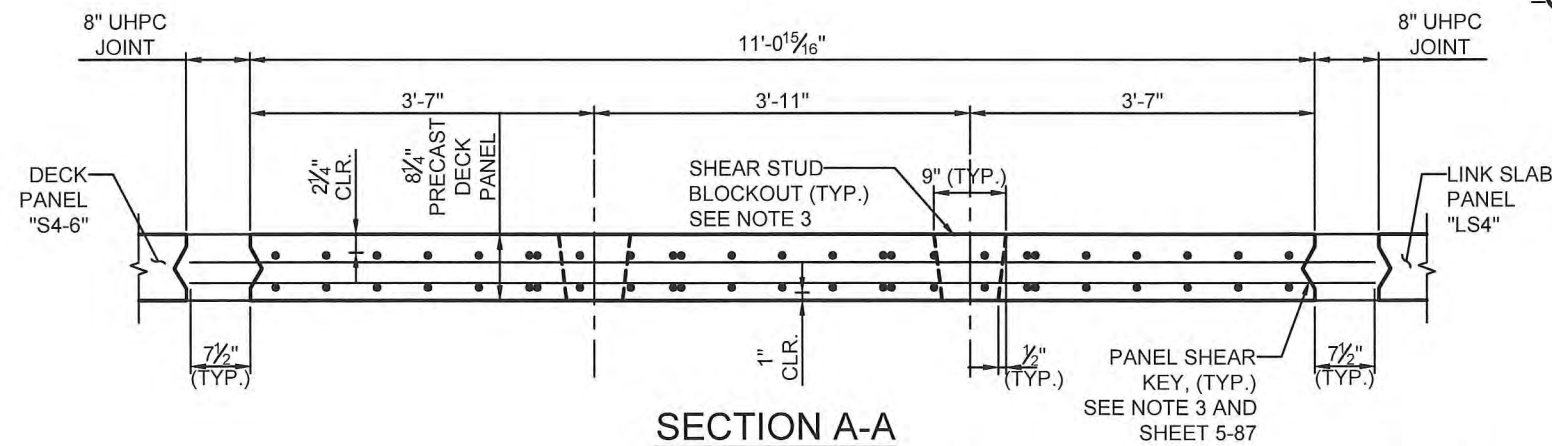
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S4-7 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10330.3657	10293.0943	841+42.21	-17.50	3882.720
B	10319.2864	10293.0541	841+53.29	-17.50	3882.515
C	10306.7310	10258.0083	841+65.97	17.50	3882.792
D	10317.8103	10258.0485	841+54.89	17.50	3883.009



SECTION A-A

BRIDGE				REVISIONS			
NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
1							
2							
3							

NEW MEXICO DEPARTMENT OF TRANSPORTATION
NM-93 OVER I-40 BRIDGE REHABILITATION
BRIDGE No. 7345
DECK PANEL DETAILS S4-7

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

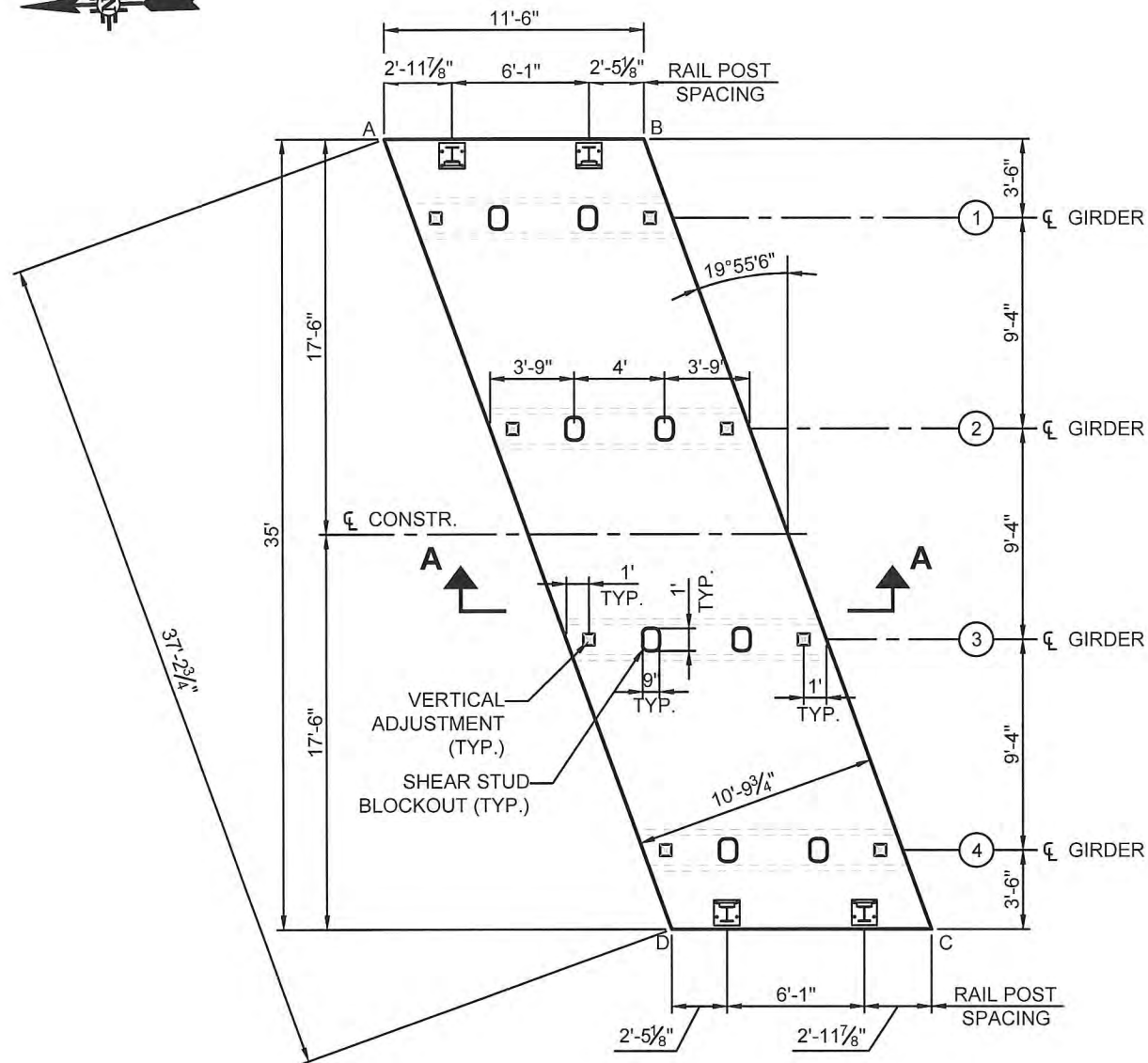
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



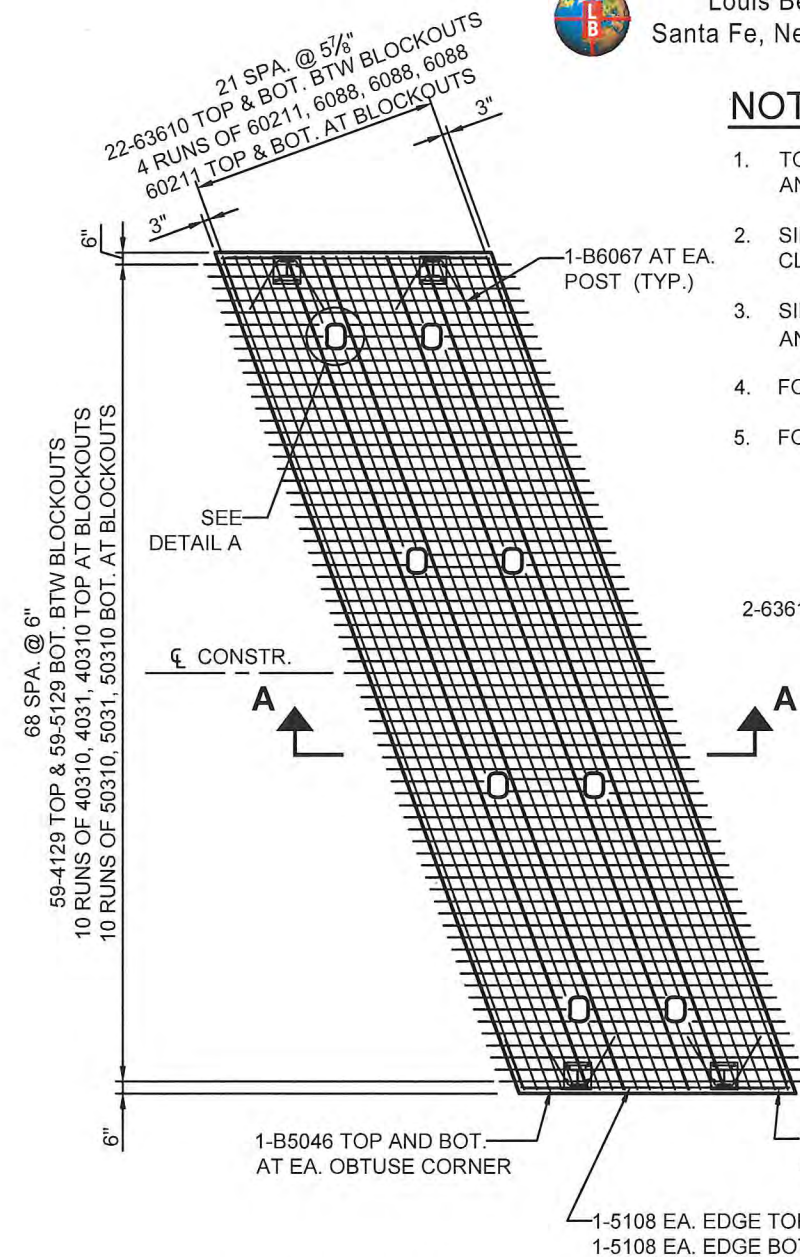
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-58



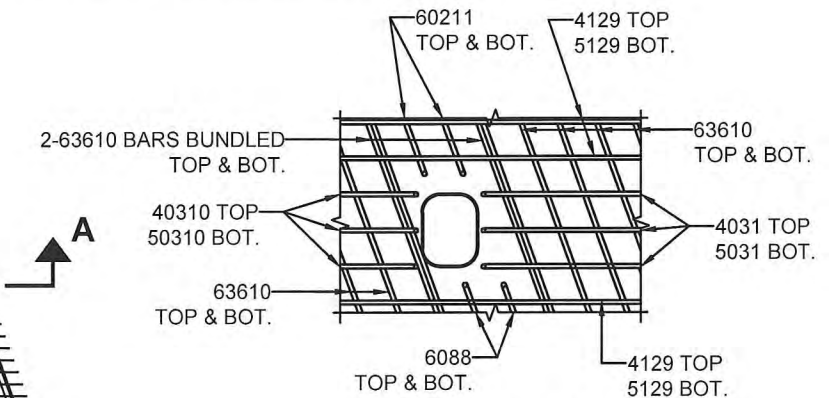
PANEL GEOMETRIC PLAN



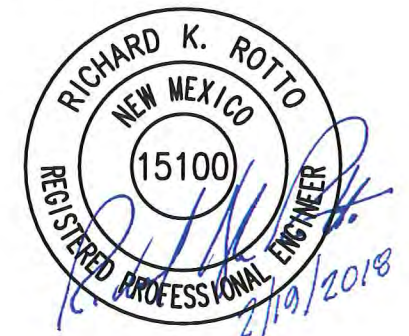
PANEL REINFORCEMENT PLAN

NOTES:

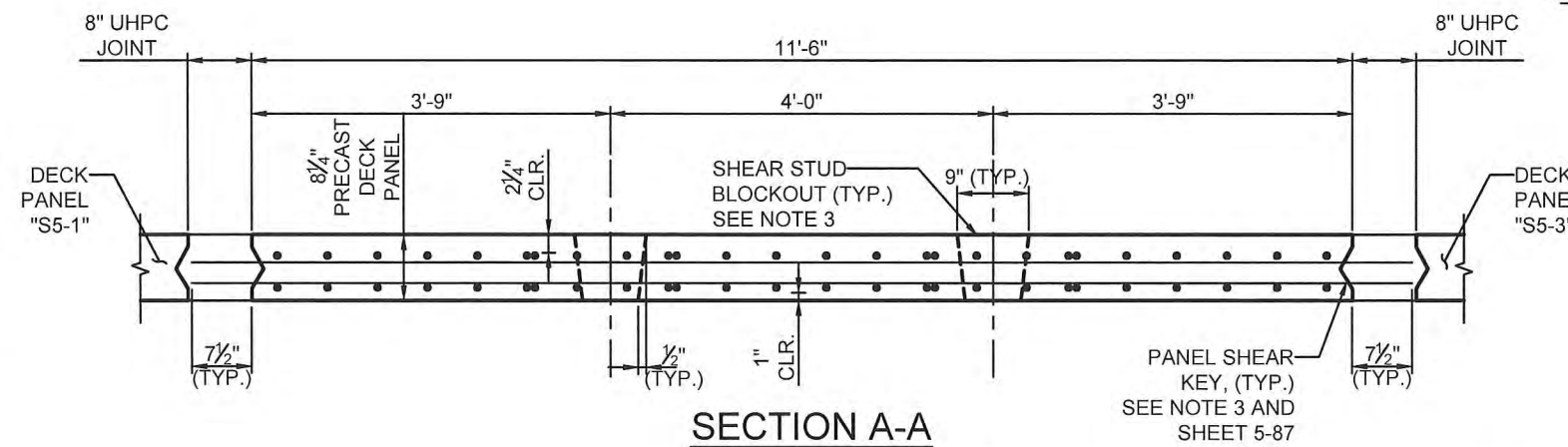
1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



DETAIL A



PANEL SLAB S5-2 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10297.3746	10292.9746	841+75.20	-17.50	3882.078
B	10285.8746	10292.9328	841+86.70	-17.50	3881.833
C	10273.3195	10257.8870	841+99.39	17.50	3882.073
D	10284.8194	10257.9288	841+87.89	17.50	3882.332



SECTION A-A

BRIDGE			
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION
NM-93 OVER I-40 BRIDGE REHABILITATION
BRIDGE No. 7345
DECK PANEL DETAILS S5-2

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

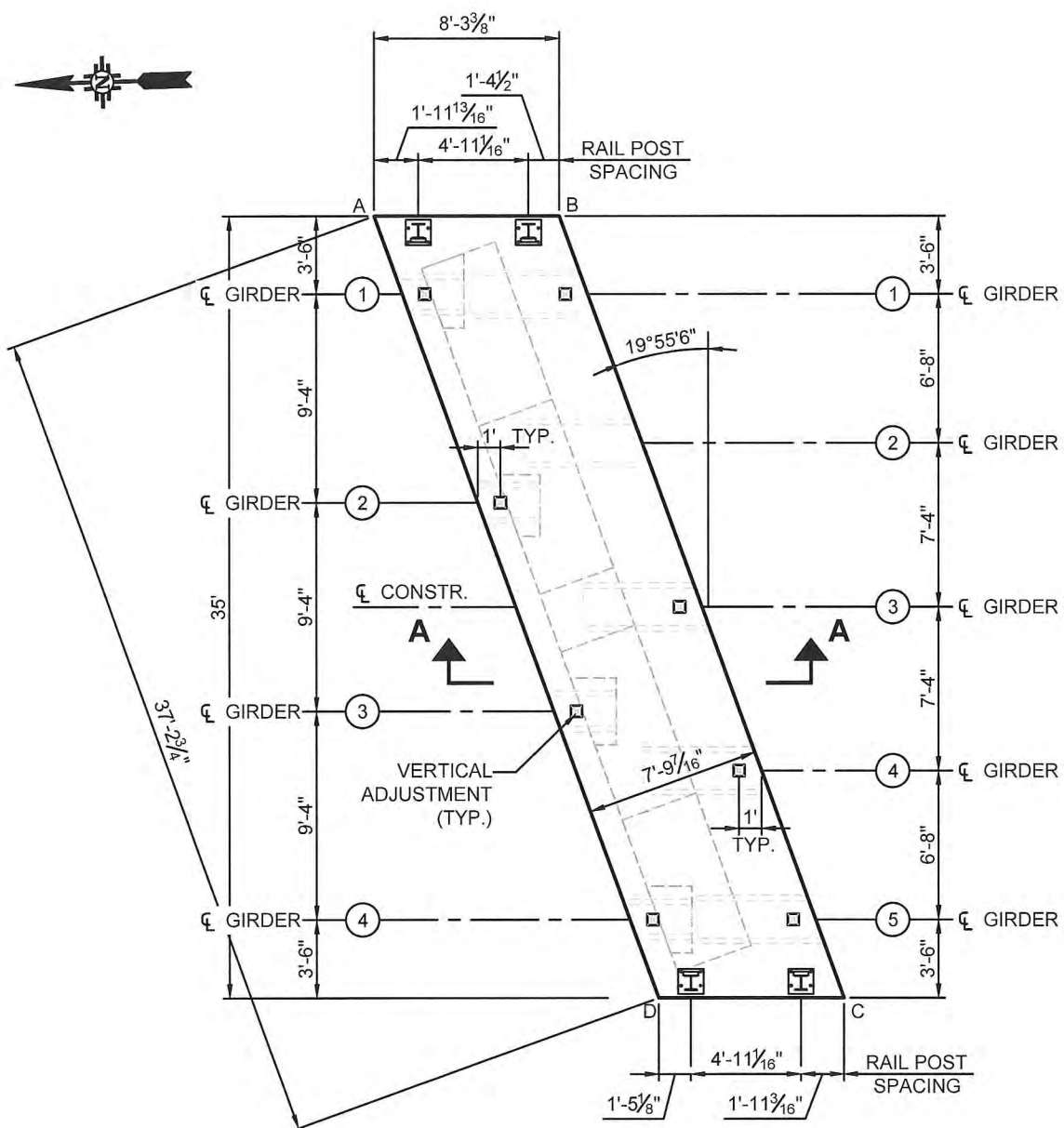
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



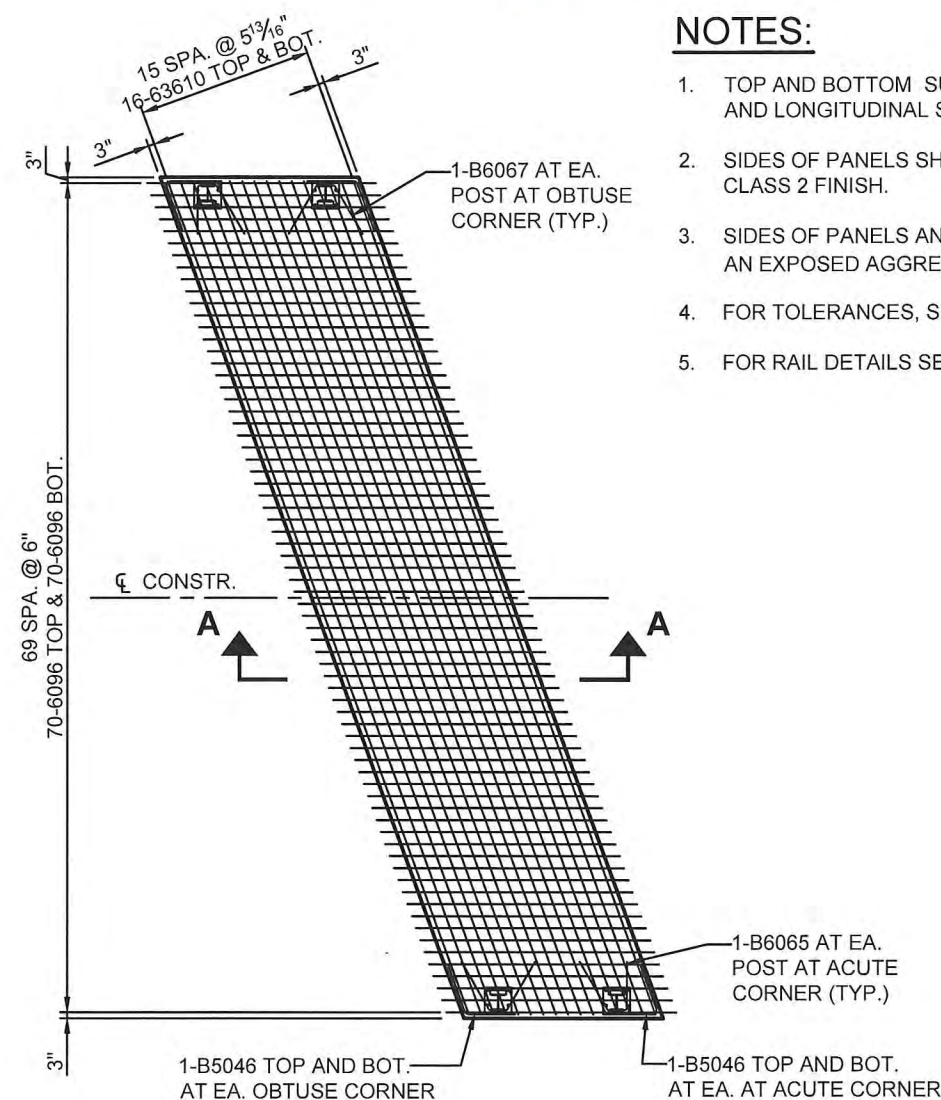
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-60



PANEL GEOMETRIC PLAN



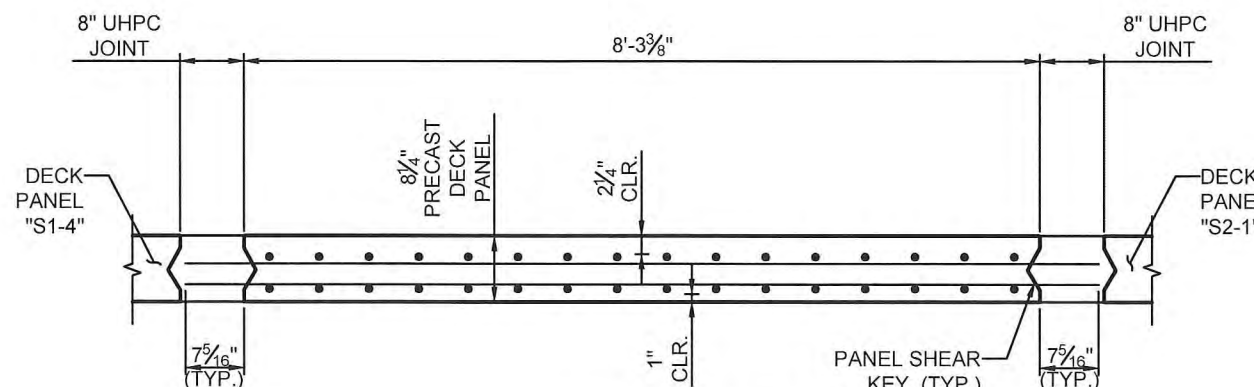
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



LINK SLAB 1 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10550.2746	10293.8924	839+22.30	-17.50	3884.605
B	10541.9934	10293.8624	839+30.58	-17.50	3884.610
C	10529.4380	10258.8166	839+43.27	17.50	3885.130
D	10537.7192	10258.8466	839+34.98	17.50	3885.135



SECTION A-A

BRIDGE				REVISIONS			
NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
1							
2							
3							

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
LS1

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

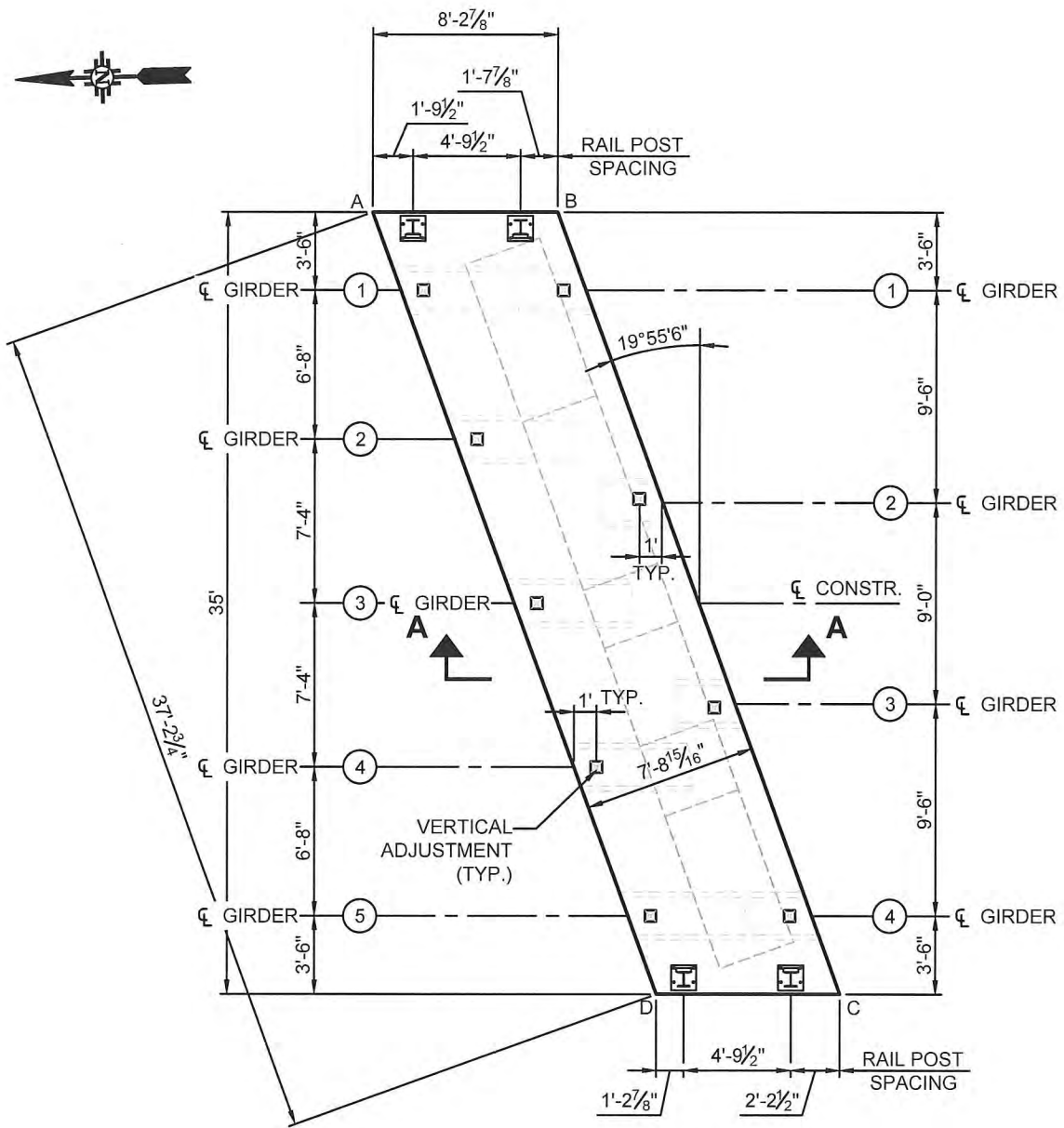
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



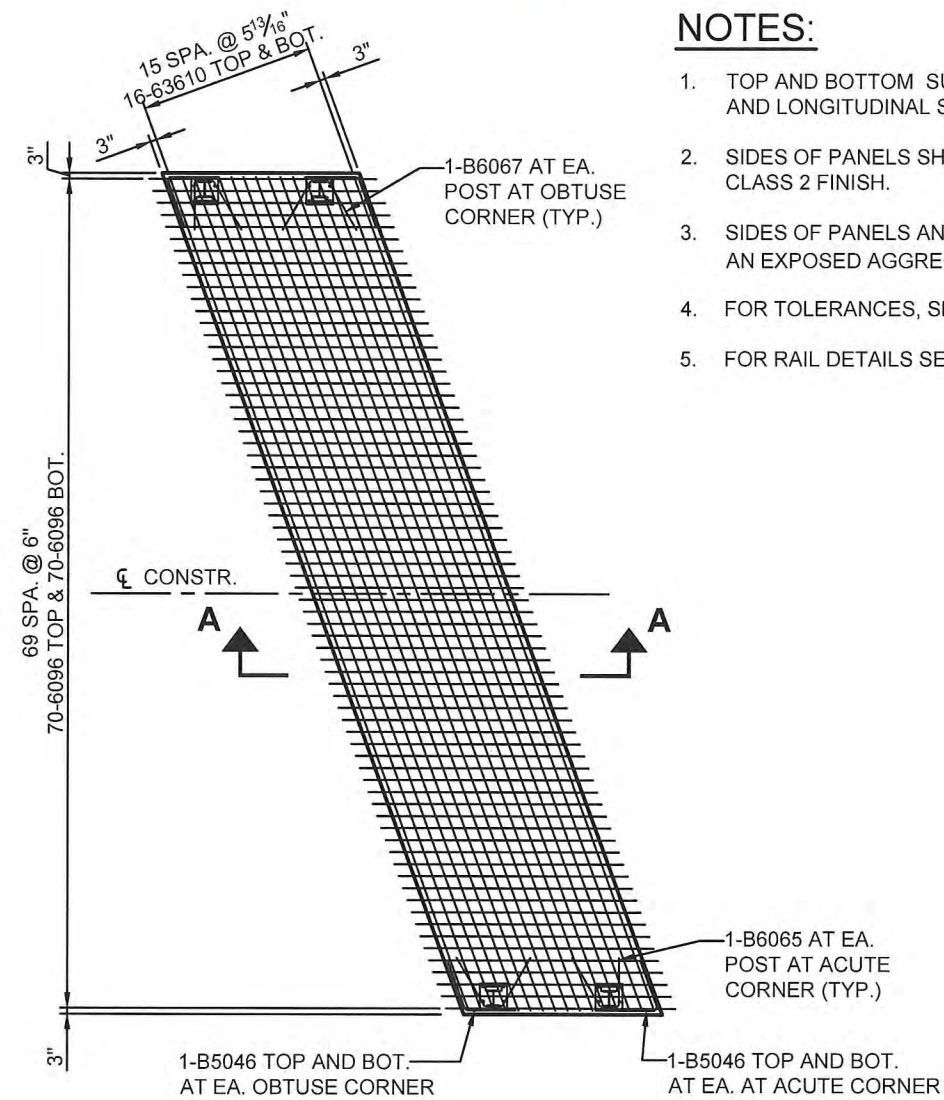
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-61



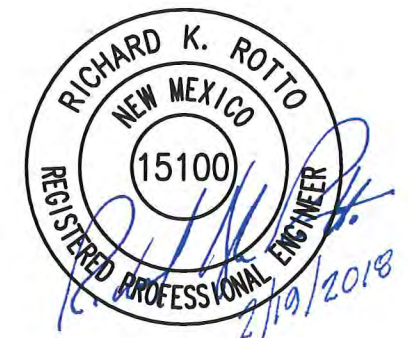
PANEL GEOMETRIC PLAN



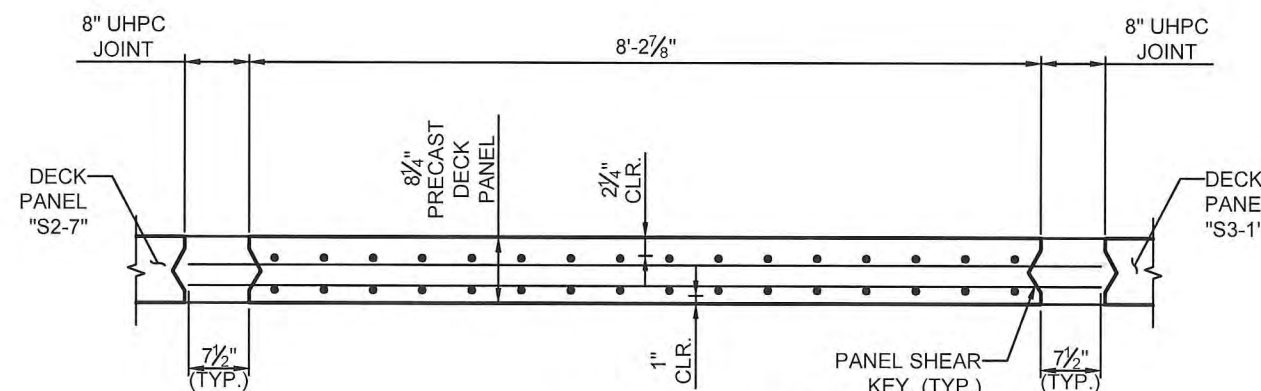
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



LINK SLAB 2 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10459.1033	10293.5615	840+13.47	-17.50	3884.329
B	10450.8638	10293.5316	840+21.71	-17.50	3884.268
C	10438.3084	10258.4858	840+34.40	17.50	3884.689
D	10446.5479	10258.5157	840+26.16	17.50	3884.758



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
LS2

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

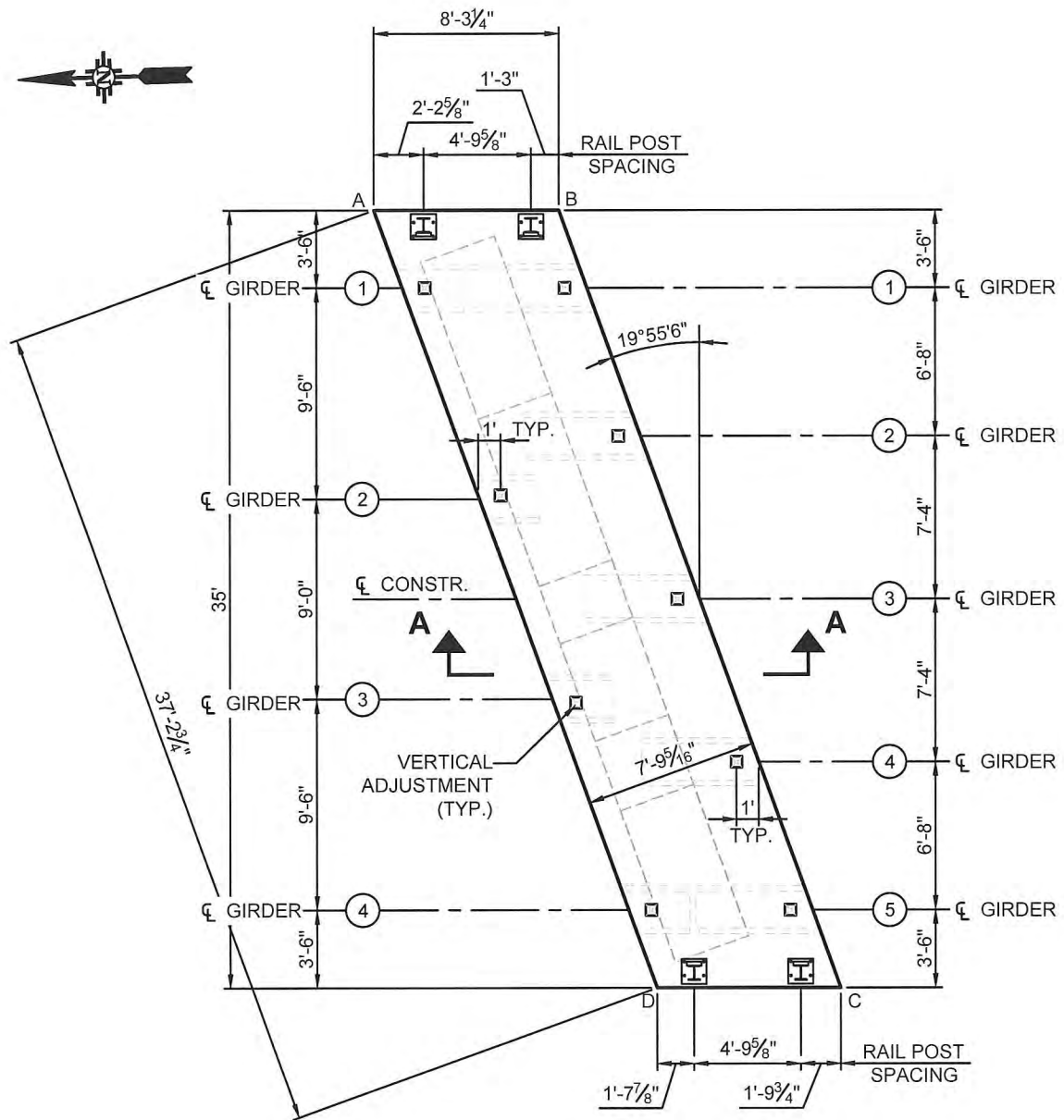
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



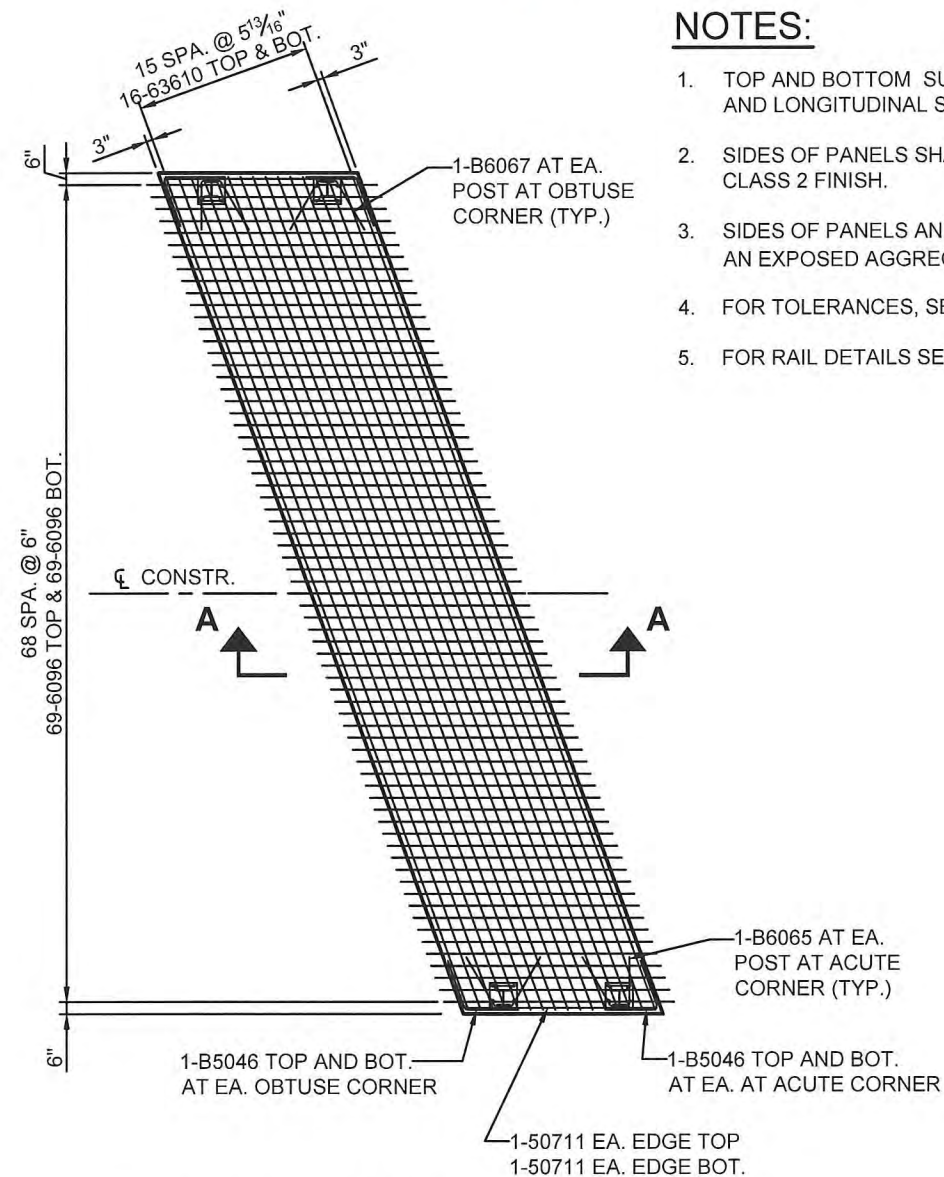
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-62



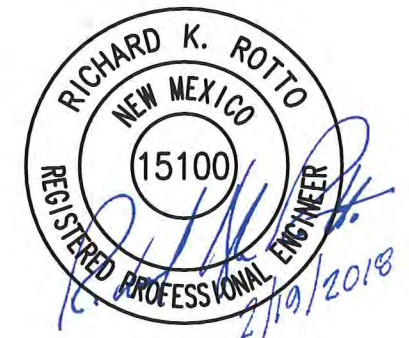
PANEL GEOMETRIC PLAN



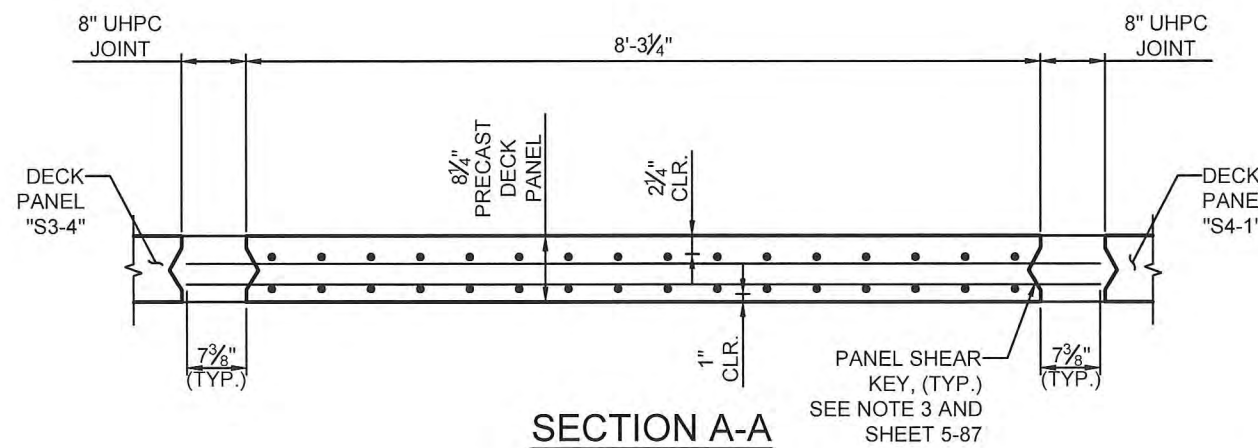
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



LINK SLAB 3 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10409.7787	10293.3825	840+62.80	-17.50	3883.881
B	10401.5079	10293.3525	840+71.07	-17.50	3883.785
C	10388.9525	10258.3067	840+83.75	17.50	3884.152
D	10397.2233	10258.3367	840+75.48	17.50	3884.257



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
LS3

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

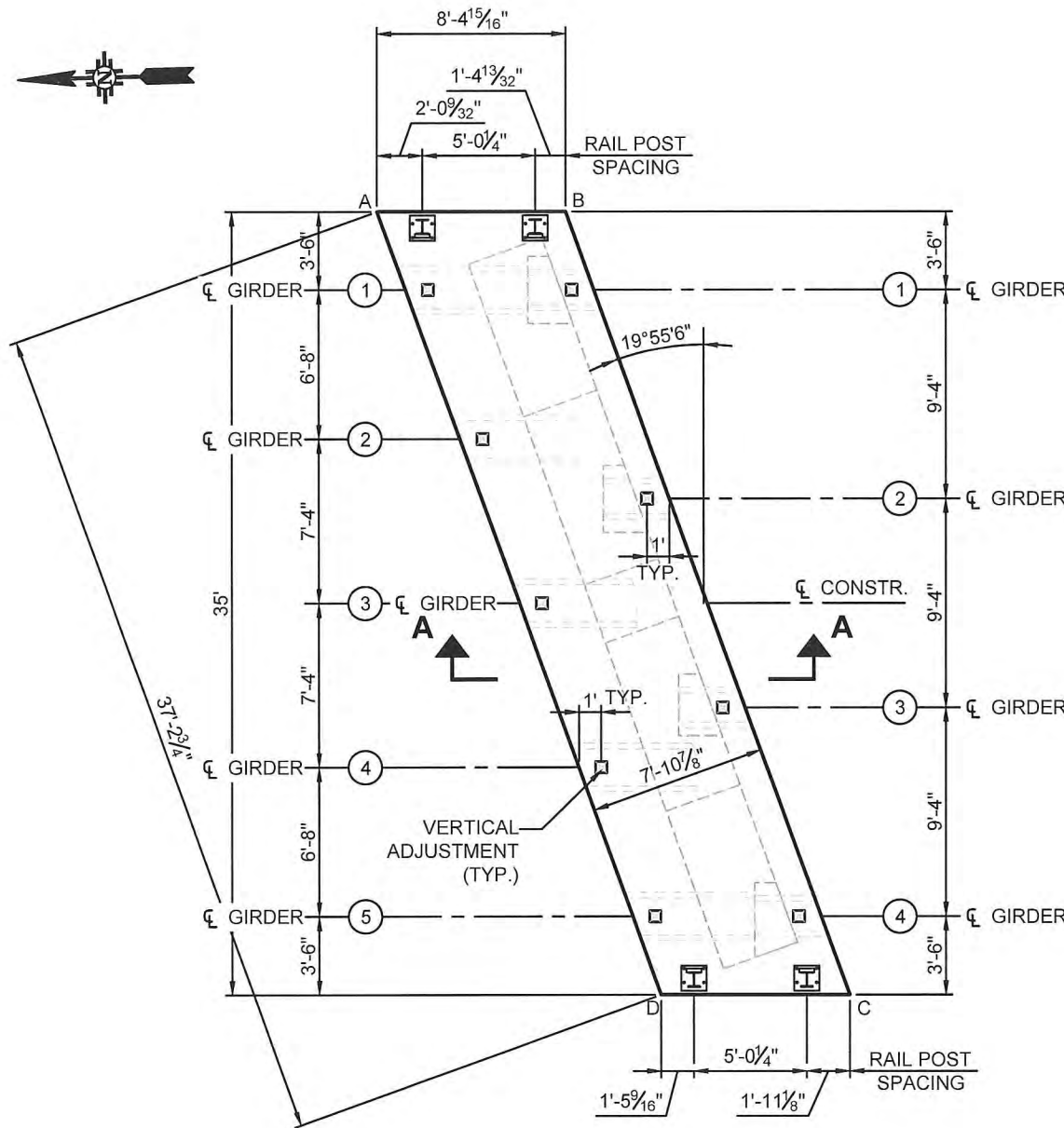
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



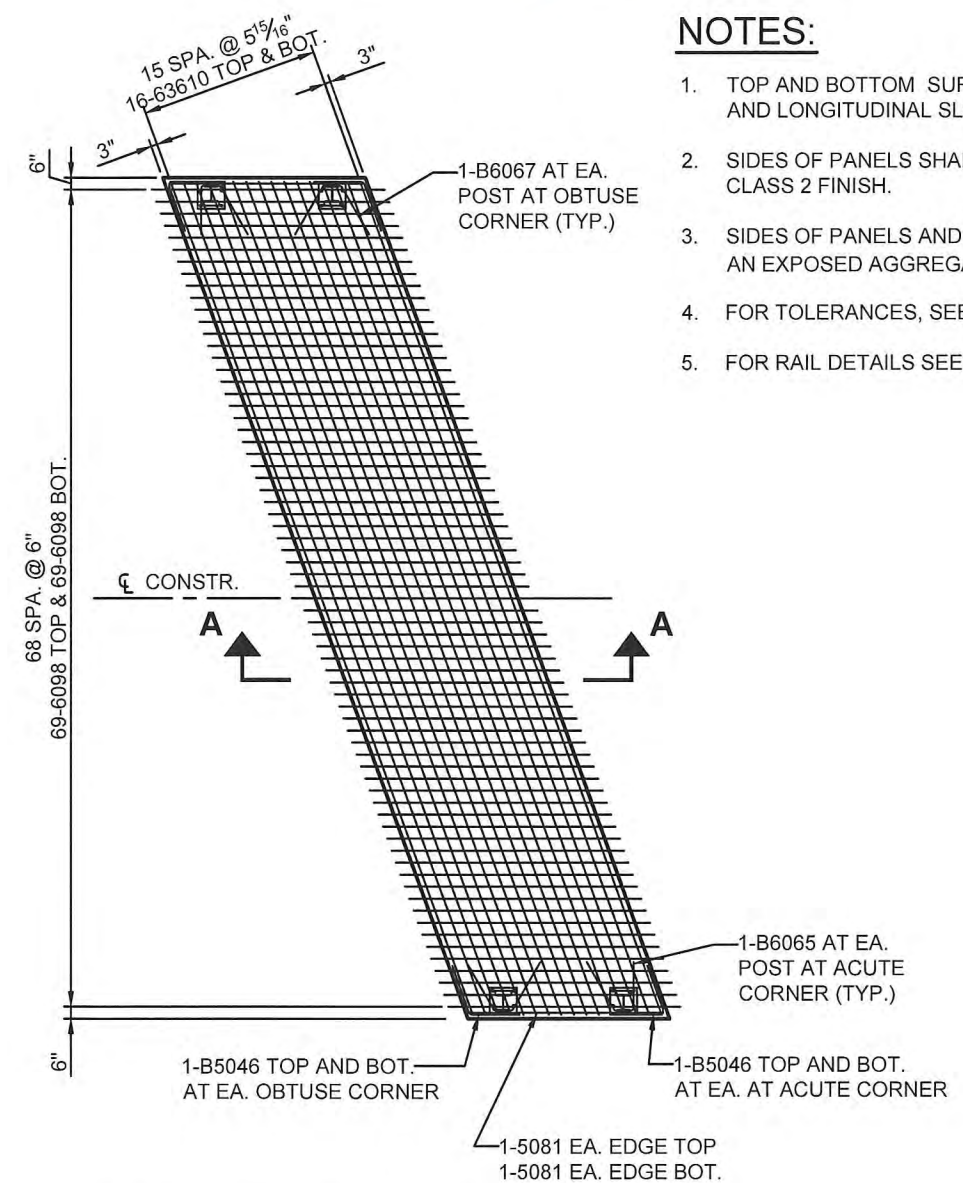
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-63



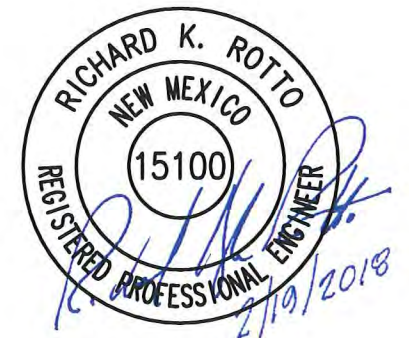
PANEL GEOMETRIC PLAN



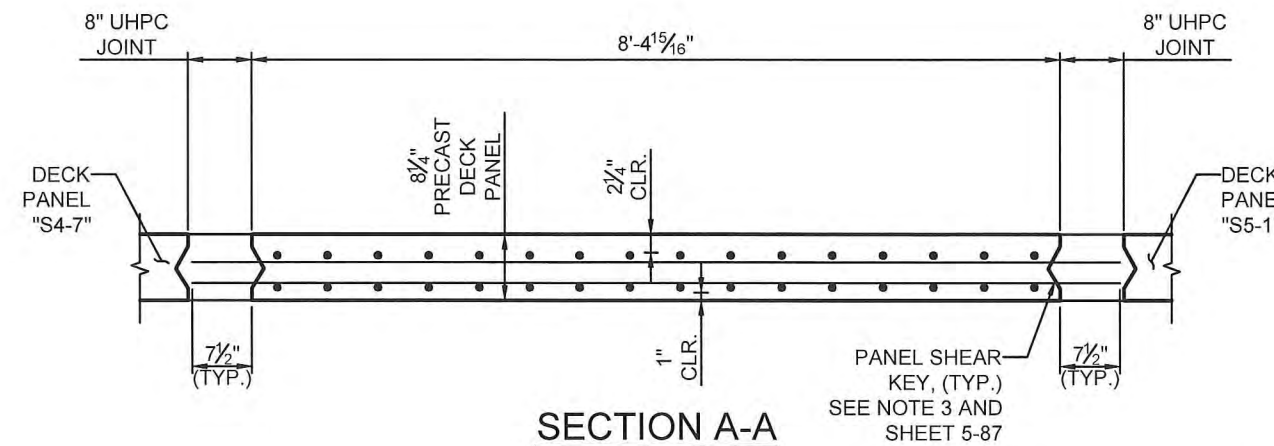
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



LINK SLAB 4 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10318.6194	10293.0517	841+53.96	-17.50	3882.502
B	10310.2080	10293.0211	841+62.37	-17.50	3882.339
C	10297.6526	10257.9753	841+75.05	17.50	3882.607
D	10306.0640	10258.0059	841+66.64	17.50	3882.779



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
LS4

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

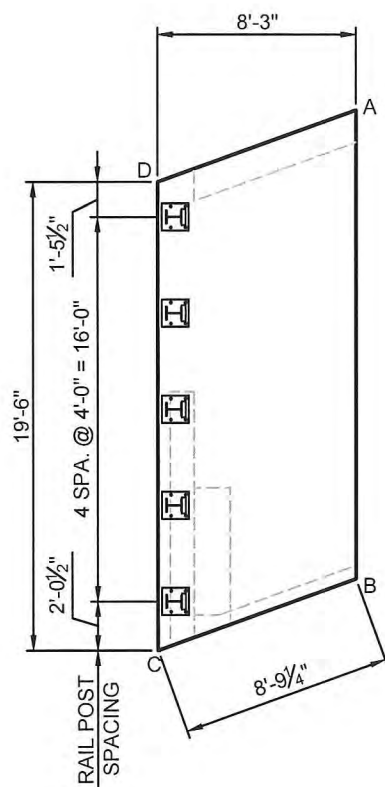
CONTROL No.
4101490

SHEET No.
5-64

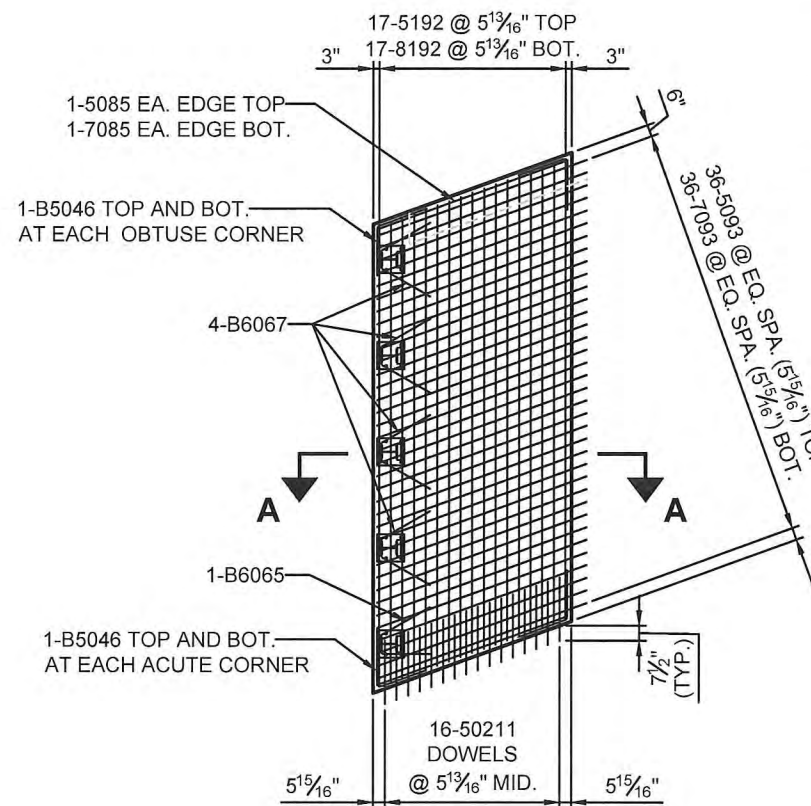


NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH GROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



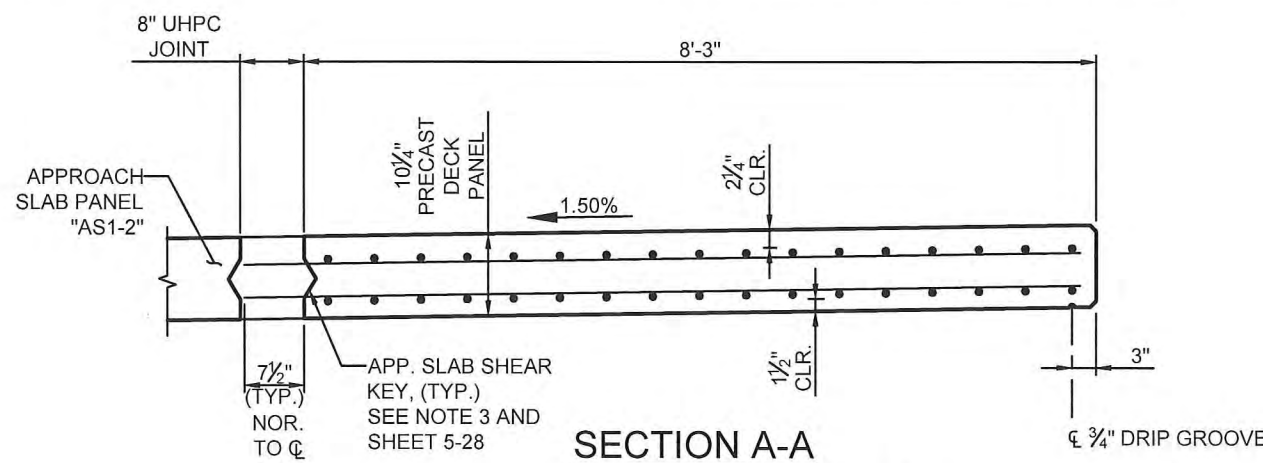
PANEL GEOMETRIC PLAN



PANEL REINFORCEMENT PLAN



APPROACH SLAB 1-1 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10606.9918	10267.3481	838+65.68	9.25	3884.819
B	10587.4919	10267.2773	838+85.18	9.25	3884.915
C	10584.5325	10259.0165	838+88.17	17.50	3885.050
D	10604.0324	10259.0873	838+68.67	17.50	3884.960



SECTION A-A

BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
AS1-1

STA. 840+48.62 SHEET NO. 5-64

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

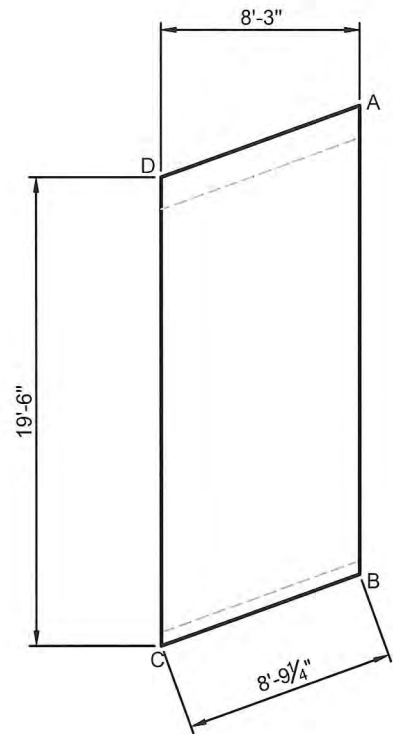
APPROVED FOR CONSTRUCTION: *Kimberly Coleman* DATE: 2/20/2018



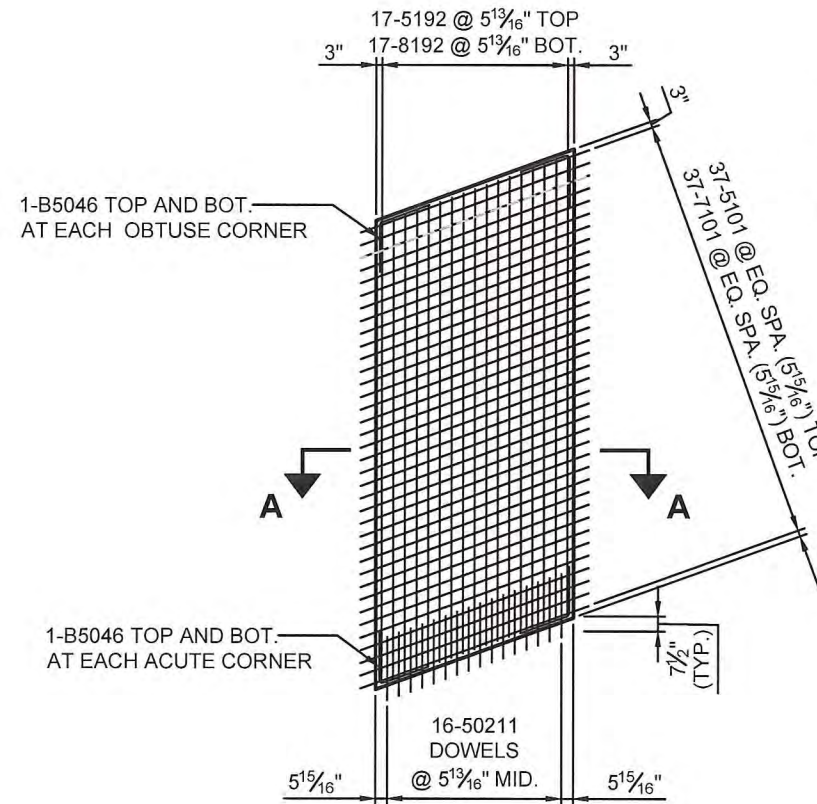
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-65



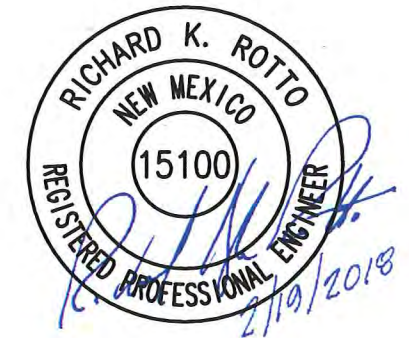
PANEL GEOMETRIC PLAN



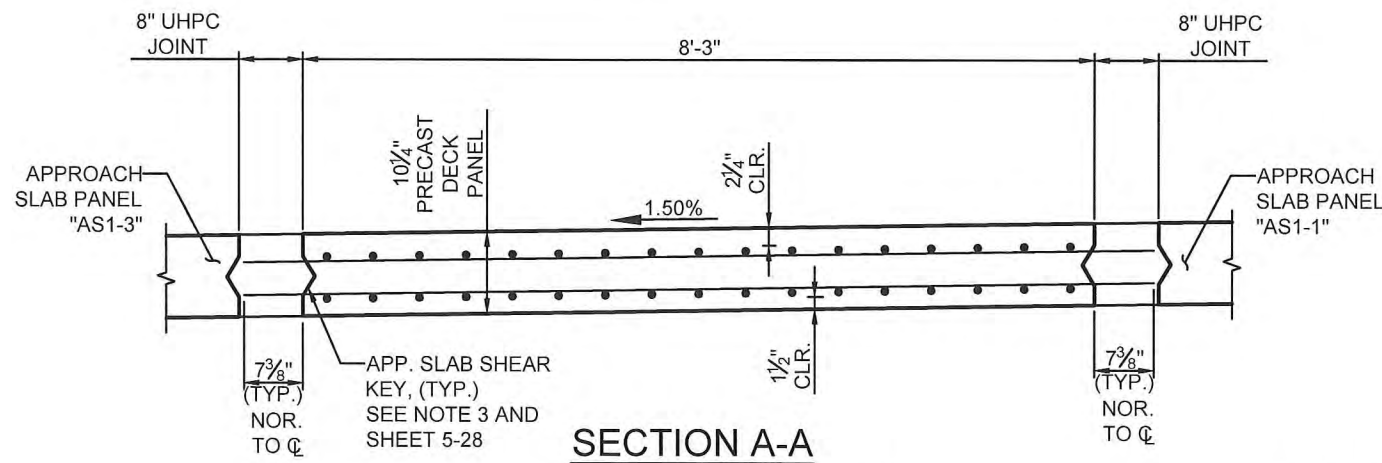
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



APPROACH SLAB 1-2 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10610.1904	10276.2764	838+62.45	0.33	3884.666
B	10590.6905	10276.2056	838+81.95	0.33	3884.767
C	10587.7311	10267.9448	838+84.94	8.58	3884.904
D	10607.2310	10268.0156	838+65.44	8.58	3884.808



SECTION A-A

BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
AS1-2

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

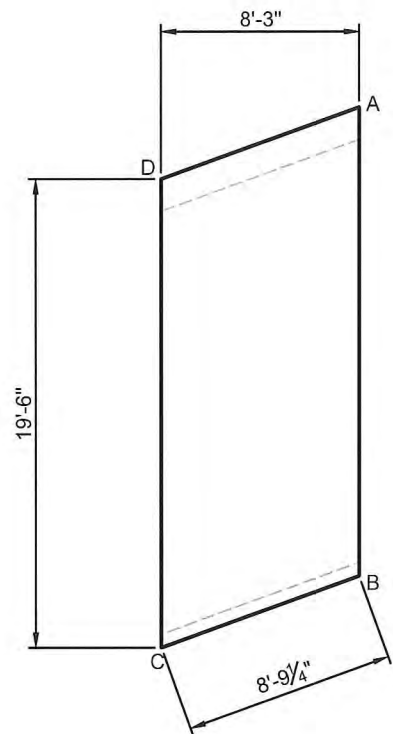
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



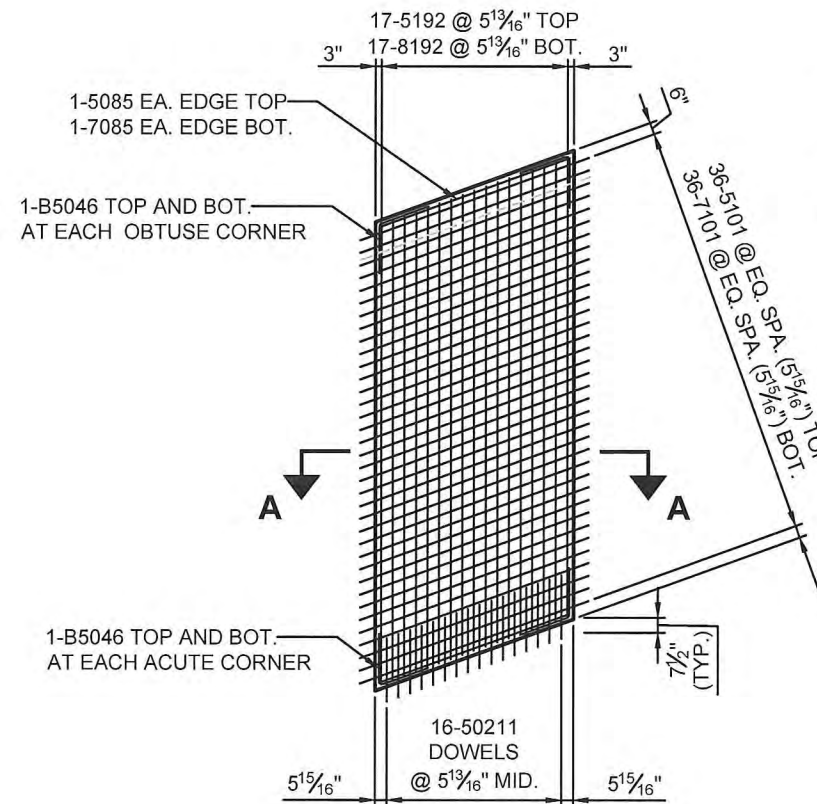
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-66



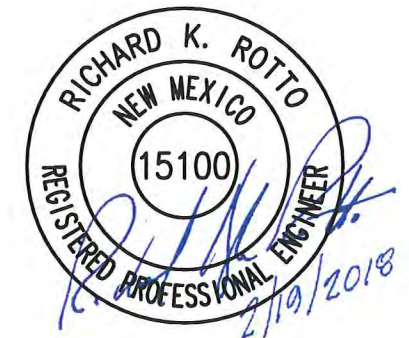
PANEL GEOMETRIC PLAN



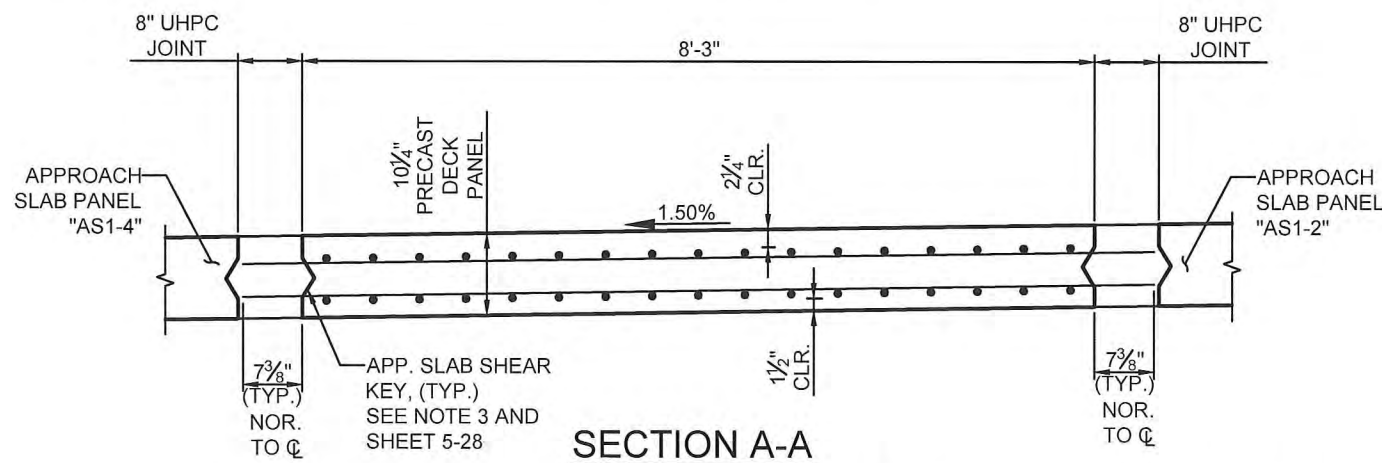
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



APPROACH SLAB 1-3 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10613.3889	10285.2047	838+59.22	-8.58	3884.513
B	10593.8890	10285.1340	838+78.72	-8.58	3884.619
C	10590.9296	10276.8732	838+81.71	-0.33	3884.756
D	10610.4295	10276.9439	838+62.21	-0.33	3884.655



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
AS1-3

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

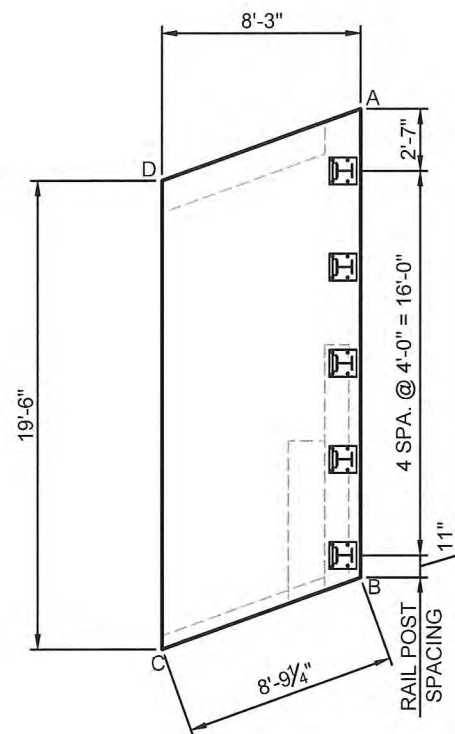
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



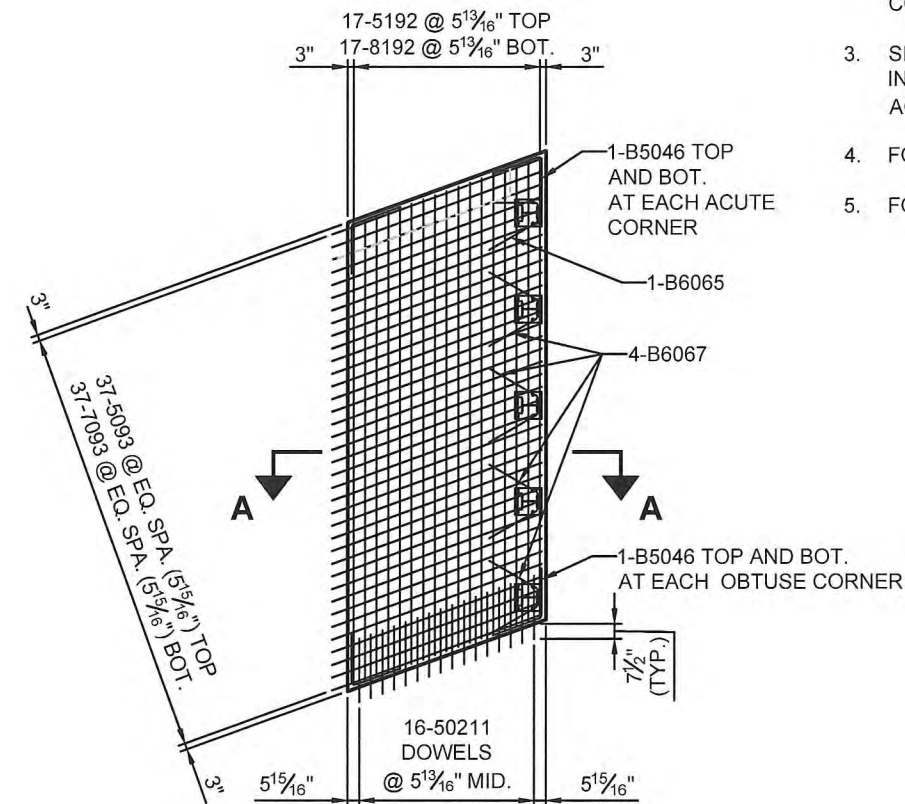
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-67



PANEL GEOMETRIC PLAN



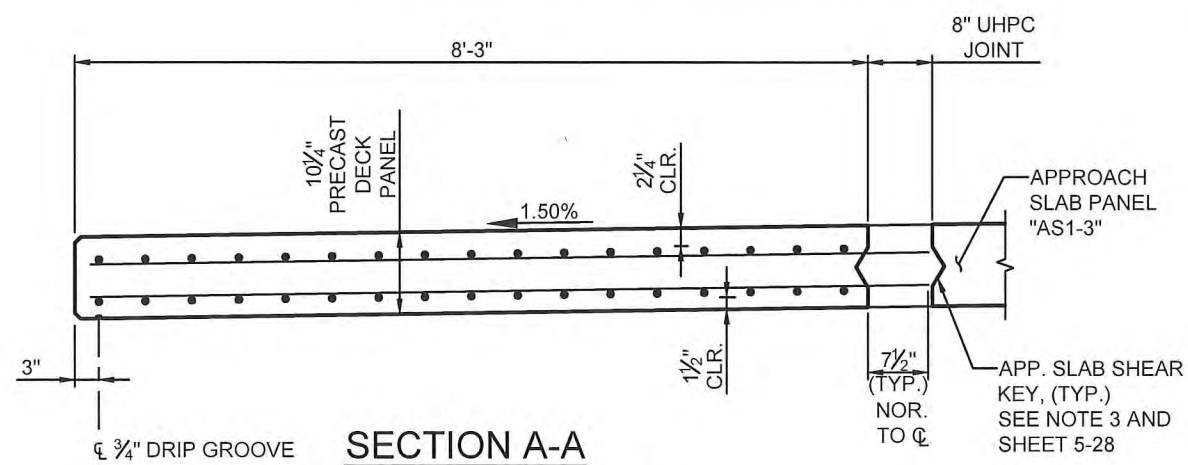
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



APPROACH SLAB 1-4 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10616.5875	10294.1331	838+55.99	-17.50	3884.358
B	10597.0875	10294.0623	838+75.49	-17.50	3884.470
C	10594.1281	10285.8015	838+78.48	-9.25	3884.608
D	10613.6281	10285.8723	838+58.98	-9.25	3884.501



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
AS1-4

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

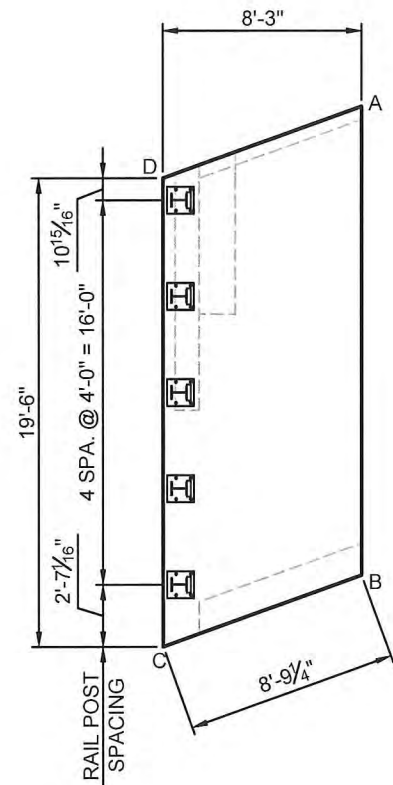
APPROVED FOR CONSTRUCTION: *Kimberly Coleman* DATE: 2/20/2018



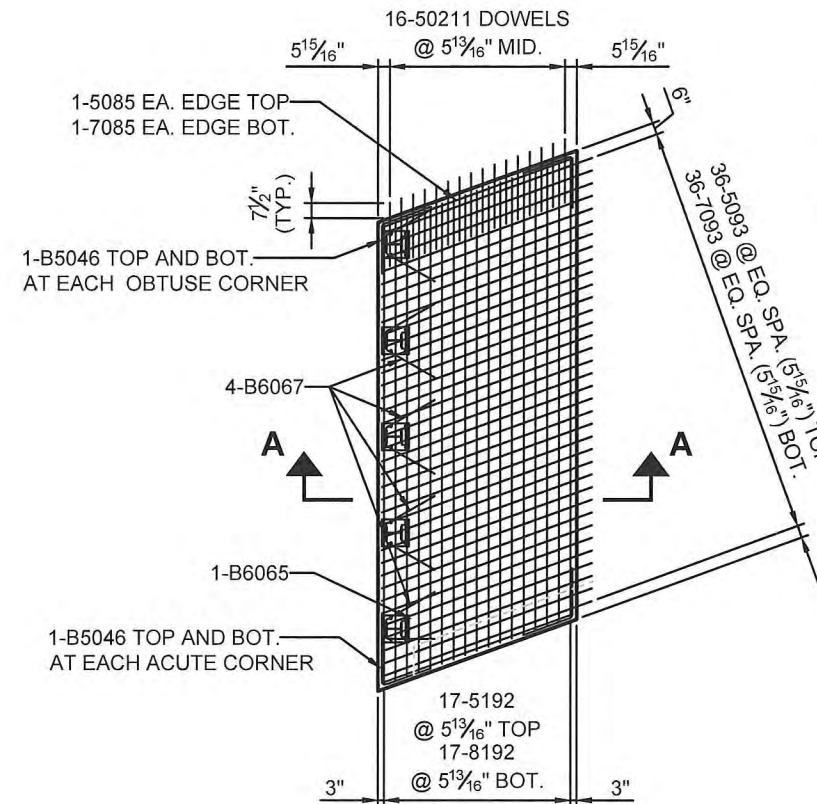
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-68



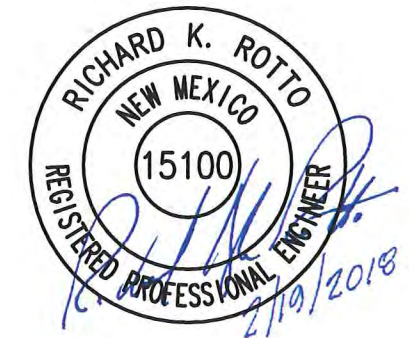
PANEL GEOMETRIC PLAN



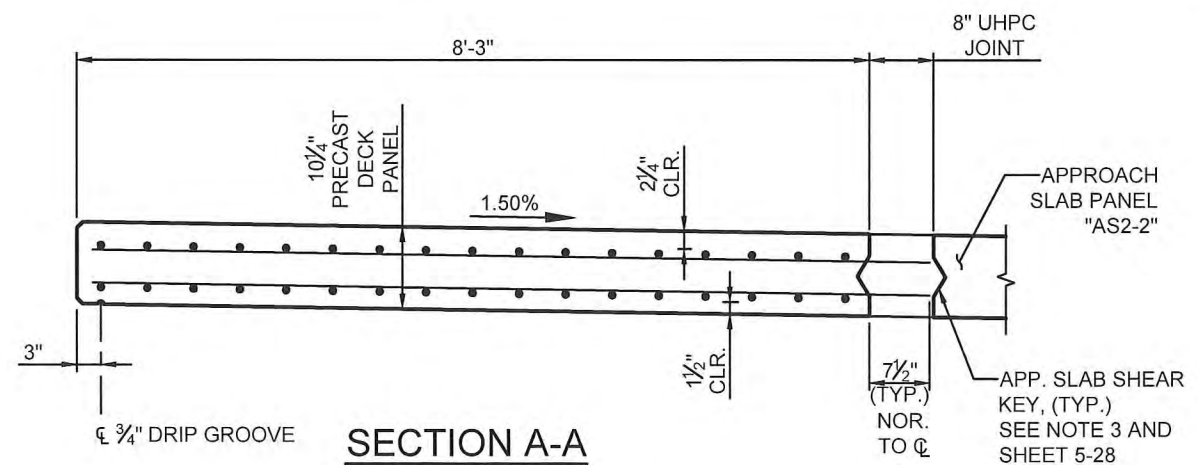
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



APPROACH SLAB 2-1 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10263.4456	10266.1012	842+09.23	9.25	3881.720
B	10243.9457	10266.0305	842+28.73	9.25	3881.239
C	10240.9863	10257.7697	842+31.72	17.50	3881.287
D	10260.4862	10257.8404	842+12.22	17.50	3881.772



SECTION A-A

BRIDGE			
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40 BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS AS2-1

STA. 840+48.62 SHEET NO. 5-68

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

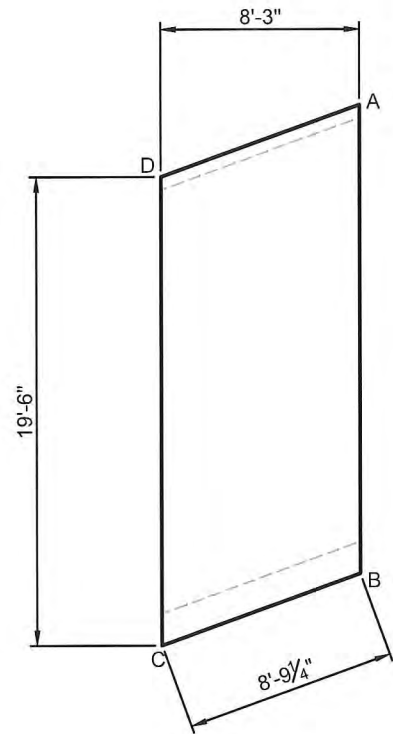
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



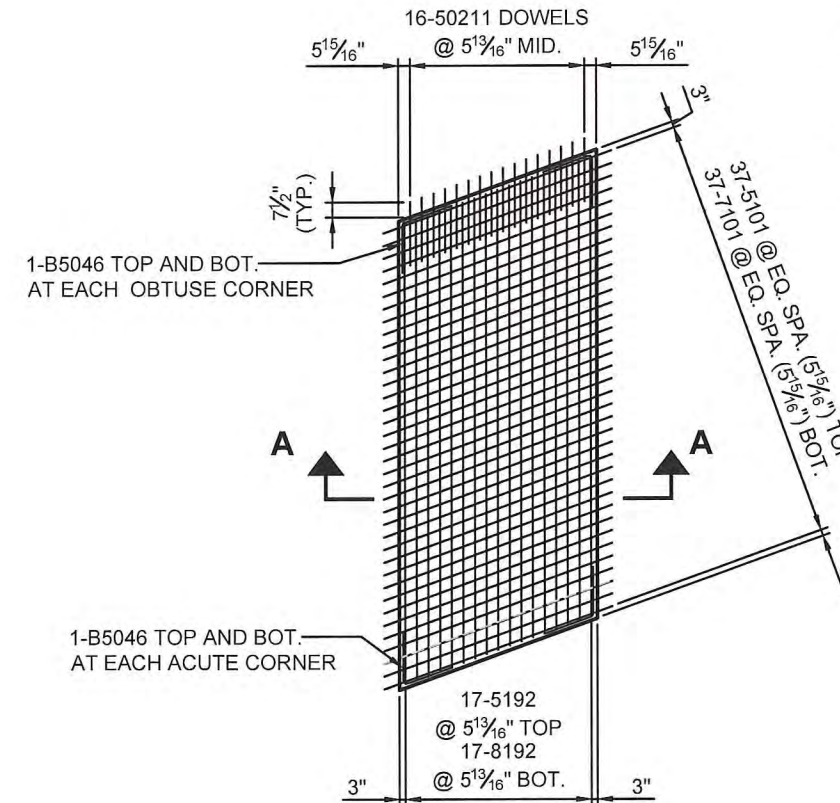
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-69



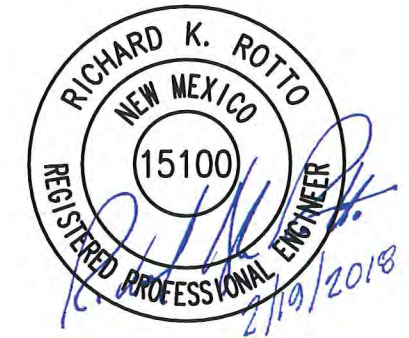
PANEL GEOMETRIC PLAN



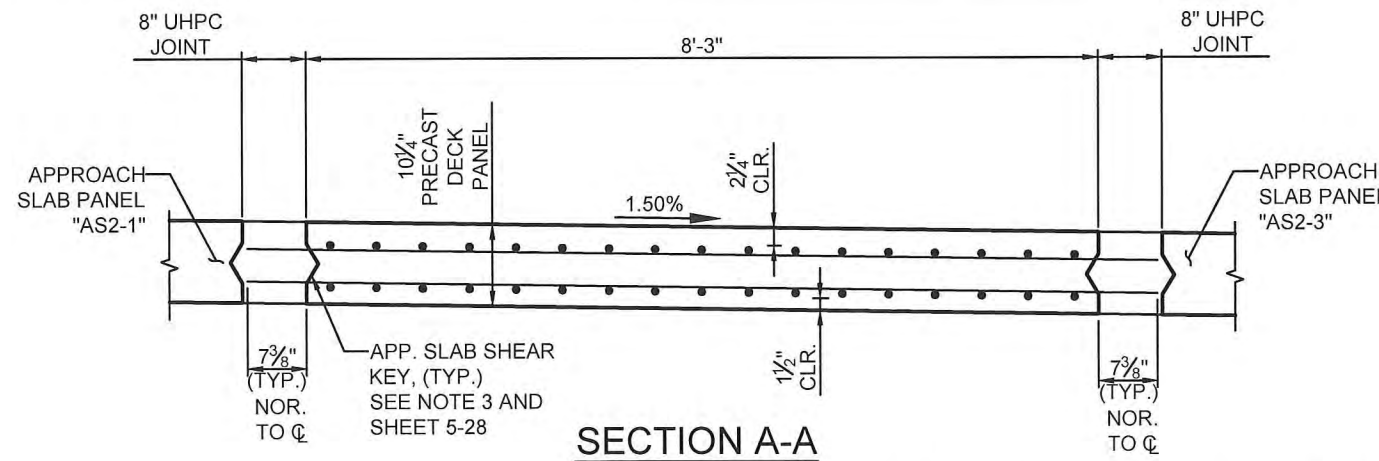
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



APPROACH SLAB 2-2 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10266.6440	10275.0296	842+06.00	0.33	3881.662
B	10247.1441	10274.9588	842+25.50	0.33	3881.187
C	10244.1848	10266.6980	842+28.49	8.58	3881.235
D	10263.6846	10266.7688	842+08.99	8.58	3881.715



SECTION A-A

BRIDGE			
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
AS2-2

STA. 840+48.62

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

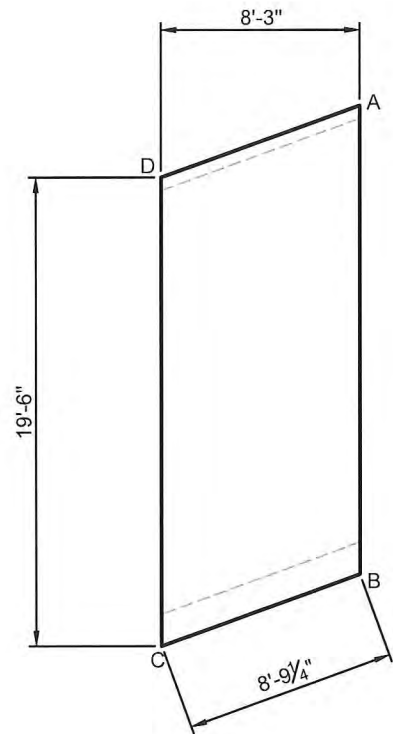
APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



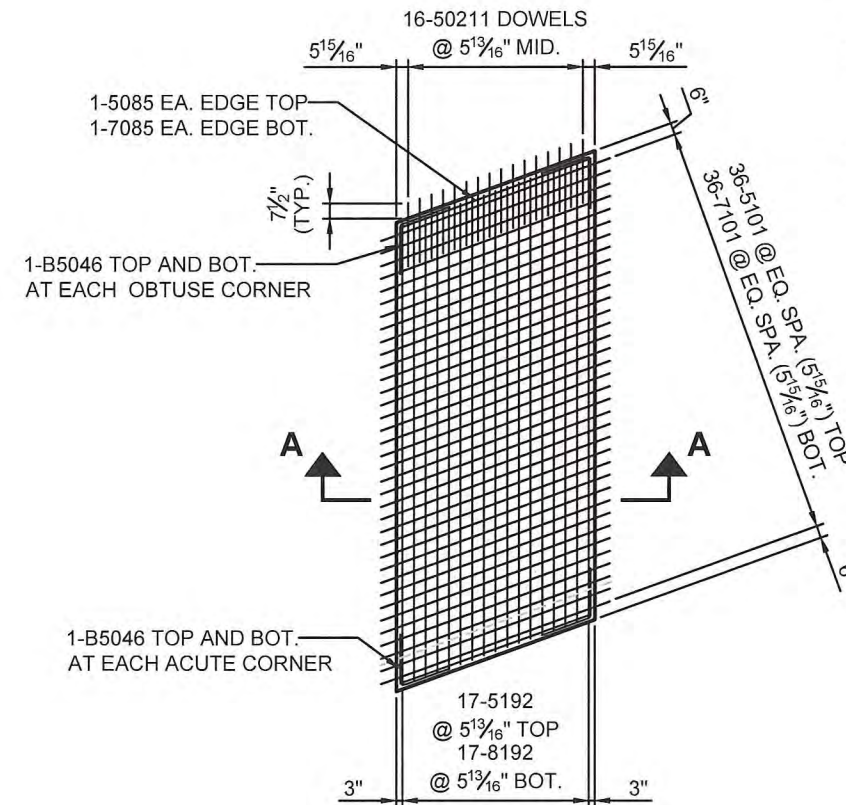
Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-70



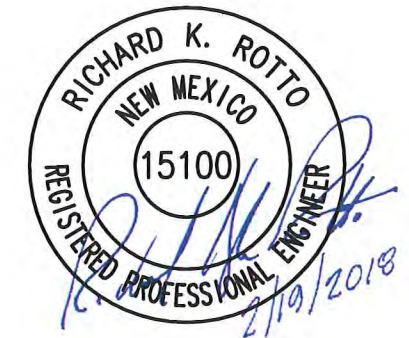
PANEL GEOMETRIC PLAN



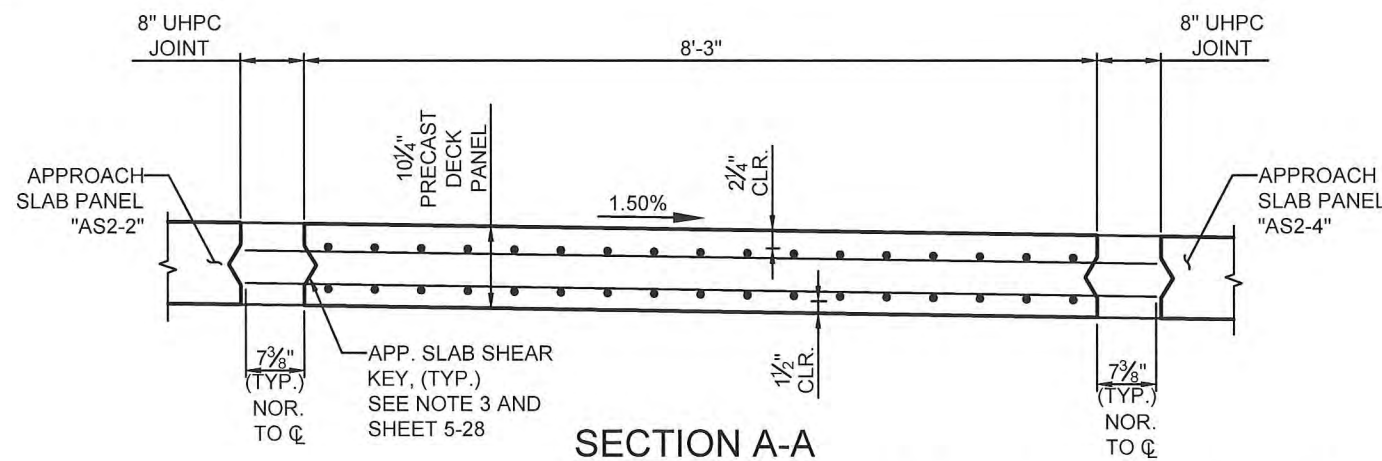
PANEL REINFORCEMENT PLAN

NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



APPROACH SLAB 2-3 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10269.8424	10283.9579	842+02.77	-8.58	3881.604
B	10250.3426	10283.8871	842+22.27	-8.58	3881.135
C	10247.3833	10275.6263	842+25.26	-0.33	3881.184
D	10266.8830	10275.6971	842+05.76	-0.33	3881.658



SECTION A-A

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
AS2-3

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

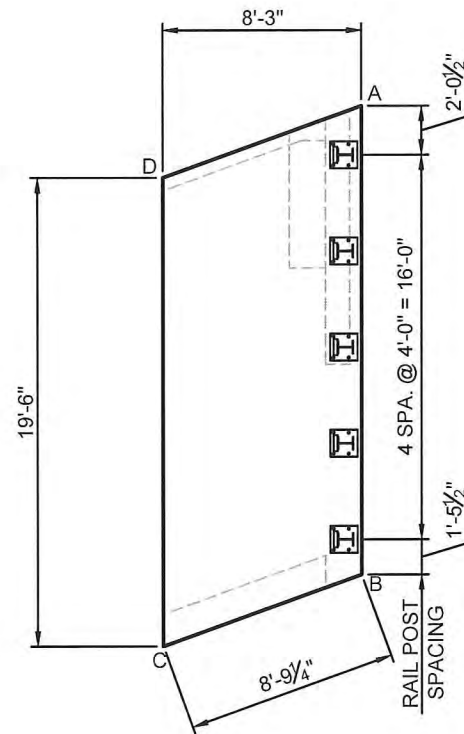
CONTROL No.
4101490

SHEET No.
5-71

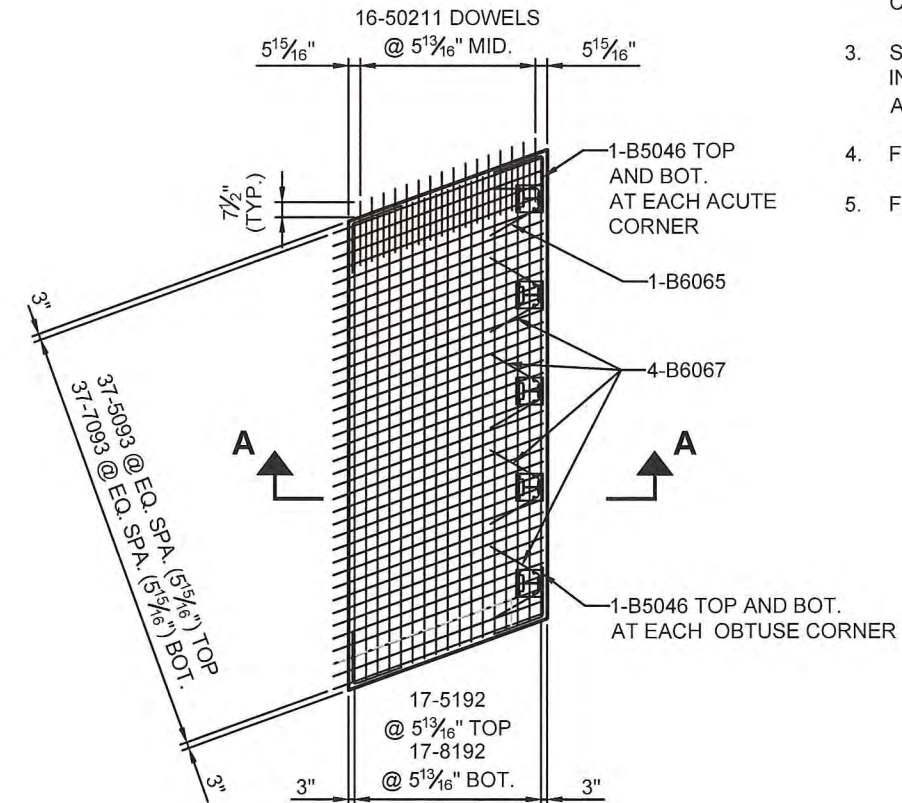


NOTES:

1. TOP AND BOTTOM SURFACE OF PANELS SHALL MATCH CROSS SLOPE AND LONGITUDINAL SLOPE IN THE FINAL CONDITION. BROOM FINISH TOP.
2. SIDES OF PANELS SHALL BE PLUMB IN THE FINAL CONDITION WITH A CLASS 2 FINISH.
3. SIDES OF PANELS AND BLOCKOUTS WITH UHPC INTERFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH ROUGHENED TO 1/4" AMPLITUDE.
4. FOR TOLERANCES, SEE SHEET 5-31.
5. FOR RAIL DETAILS SEE SHEETS 5-82 TO 5-84.



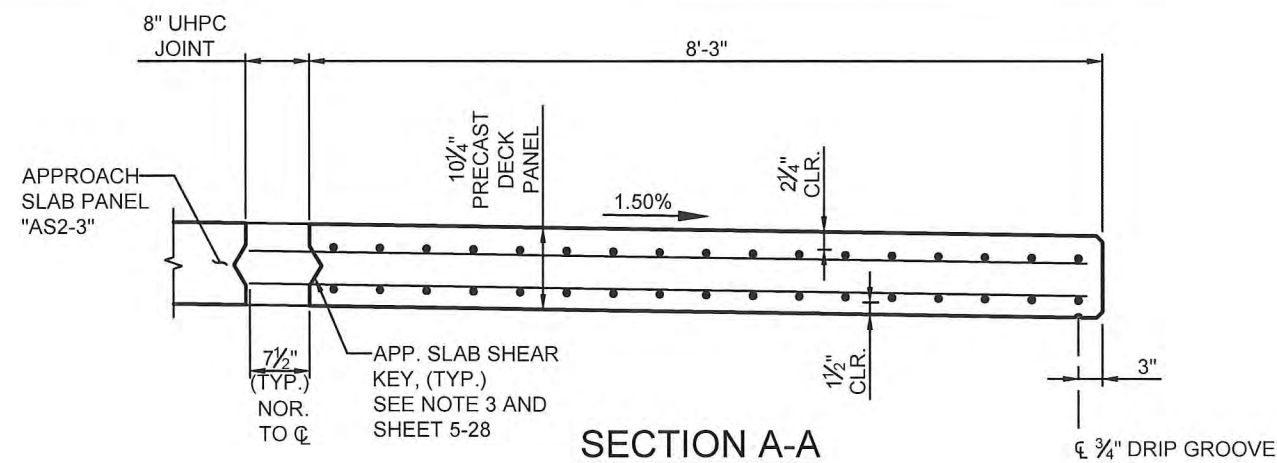
PANEL GEOMETRIC PLAN



PANEL REINFORCEMENT PLAN



APPROACH SLAB 2-4 FINAL CORNER TOP OF DECK ELEVATIONS					
PT.	NORTHING	EASTING	STATION	OFFSET	ELEV.
A	10273.0408	10292.8862	841+99.54	-17.50	3881.545
B	10253.5411	10292.8155	842+19.04	-17.50	3881.081
C	10250.5817	10284.5547	842+22.03	-9.25	3881.131
D	10270.0815	10284.6254	842+02.53	-9.25	3881.600



SECTION A-A

BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

DECK PANEL DETAILS
AS2-4

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-72

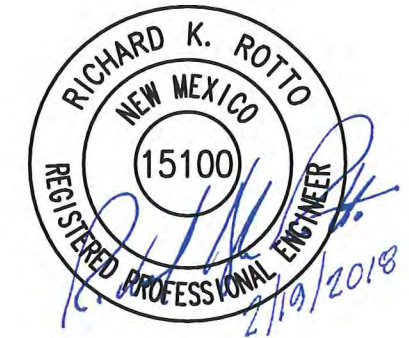
REINFORCEMENT SCHEDULE

PANEL S1-1						PANEL S1-3					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4121	1E	4	12'-1"	62	TOP LONGITUDINAL BARS	4121	1E	4	12'-1"	62	TOP LONGITUDINAL BARS
4037	1E	4	3'-7"	16	TOP LONGITUDINAL BARS	4037	1E	4	3'-7"	16	TOP LONGITUDINAL BARS
40211	1E	4	2'-11"	8	TOP LONGITUDINAL BARS	40211	1E	4	2'-11"	8	TOP LONGITUDINAL BARS
5121	1E	5	12'-1"	62	BOTTOM LONGITUDINAL BARS	5121	1E	5	12'-1"	62	BOTTOM LONGITUDINAL BARS
5037	1E	5	3'-7"	16	BOTTOM LONGITUDINAL BARS	5037	1E	5	3'-7"	16	BOTTOM LONGITUDINAL BARS
50211	1E	5	2'-11"	8	BOTTOM LONGITUDINAL BARS	50211	1E	5	2'-11"	8	BOTTOM LONGITUDINAL BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6088	1E	6	8'-8"	24	TOP AND BOTTOM TRANSVERSE BARS	6088	1E	6	8'-8"	24	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS	B6067	4E	6	6'-7"	4	RAIL POST BARS

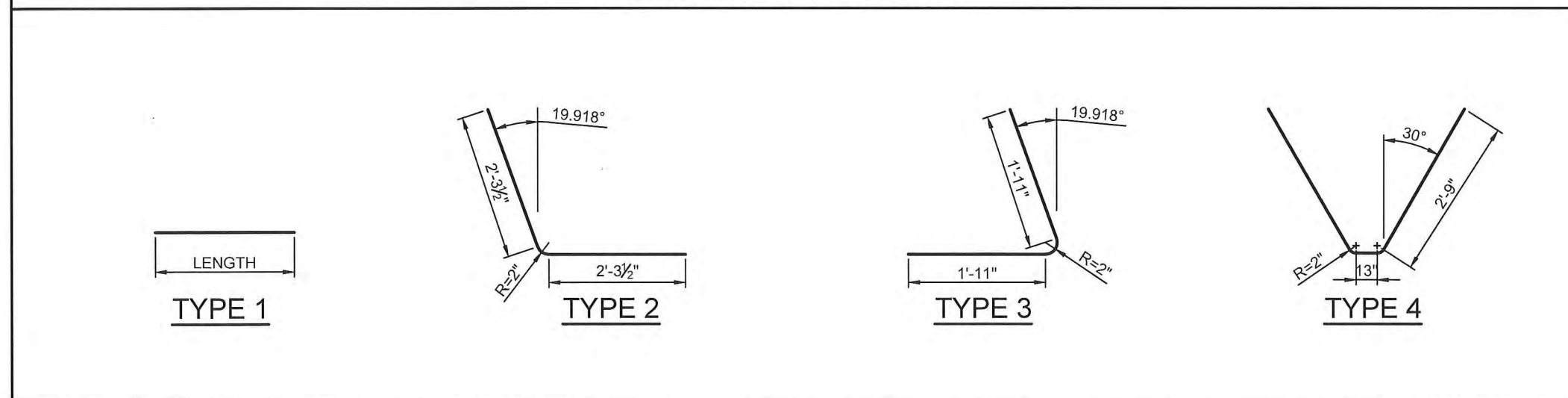
PANEL S1-2						PANEL S1-4					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4121	1E	4	12'-1"	59	TOP LONGITUDINAL BARS	4121	1E	4	12'-1"	59	TOP LONGITUDINAL BARS
4037	1E	4	3'-7"	20	TOP LONGITUDINAL BARS	4037	1E	4	3'-7"	20	TOP LONGITUDINAL BARS
40211	1E	4	2'-11"	10	TOP LONGITUDINAL BARS	40211	1E	4	2'-11"	10	TOP LONGITUDINAL BARS
5121	1E	5	12'-1"	59	BOTTOM LONGITUDINAL BARS	5121	1E	5	12'-1"	59	BOTTOM LONGITUDINAL BARS
5037	1E	5	3'-7"	20	BOTTOM LONGITUDINAL BARS	5037	1E	5	3'-7"	20	BOTTOM LONGITUDINAL BARS
50211	1E	5	2'-11"	10	BOTTOM LONGITUDINAL BARS	50211	1E	5	2'-11"	10	BOTTOM LONGITUDINAL BARS
5106	1E	5	10'-6"	4	TOP AND BOTTOM EDGE BARS	5106	1E	5	10'-6"	4	TOP AND BOTTOM EDGE BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6088	1E	6	8'-8"	24	TOP AND BOTTOM TRANSVERSE BARS	6088	1E	6	8'-8"	24	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS	B6067	4E	6	6'-7"	4	RAIL POST BARS

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518299 - PRECAST DECK 8 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.



BAR BENDING DIAGRAM



BRIDGE-			
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR SCHEDULES
(SPAN 1)

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



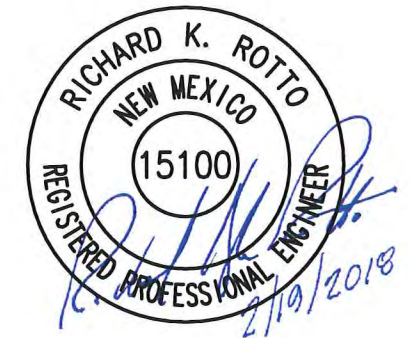
REINFORCEMENT SCHEDULE

PANEL S2-1						PANEL S2-3					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4124	1E	4	12'-4"	56	TOP LONGITUDINAL BARS	4124	1E	4	12'-4"	56	TOP LONGITUDINAL BARS
4038	1E	4	3'-8"	26	TOP LONGITUDINAL BARS	4038	1E	4	3'-8"	26	TOP LONGITUDINAL BARS
4030	1E	4	3'-0"	13	TOP LONGITUDINAL BARS	4030	1E	4	3'-0"	13	TOP LONGITUDINAL BARS
5124	1E	5	12'-4"	56	BOTTOM LONGITUDINAL BARS	5124	1E	5	12'-4"	56	BOTTOM LONGITUDINAL BARS
5038	1E	5	3'-8"	26	BOTTOM LONGITUDINAL BARS	5038	1E	5	3'-8"	26	BOTTOM LONGITUDINAL BARS
5030	1E	5	3'-0"	13	BOTTOM LONGITUDINAL BARS	5030	1E	5	3'-0"	13	BOTTOM LONGITUDINAL BARS
5108	1E	5	10'-8"	4	TOP AND BOTTOM EDGE BARS	5108	1E	5	10'-8"	4	TOP AND BOTTOM EDGE BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS	6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS	B6067	4E	6	6'-7"	4	RAIL POST BARS

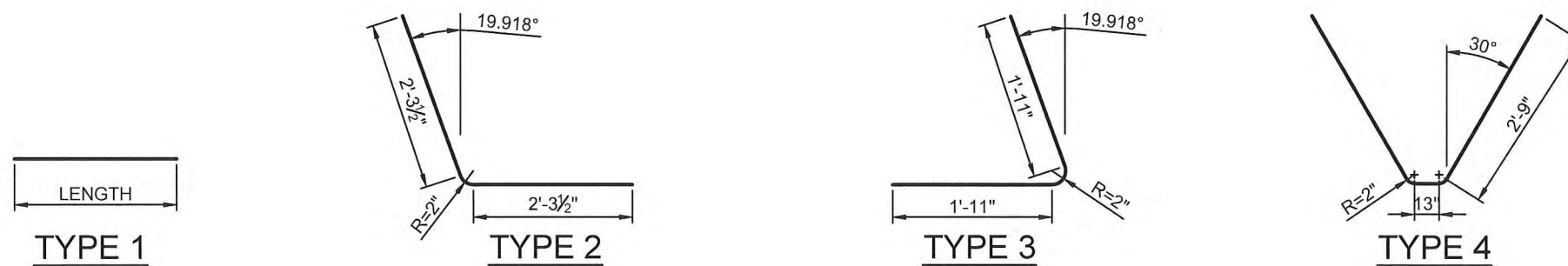
PANEL S2-2						PANEL S2-4					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4124	1E	4	12'-4"	60	TOP LONGITUDINAL BARS	4124	1E	4	12'-4"	60	TOP LONGITUDINAL BARS
4038	1E	4	3'-8"	20	TOP LONGITUDINAL BARS	4038	1E	4	3'-8"	20	TOP LONGITUDINAL BARS
4030	1E	4	3'-0"	10	TOP LONGITUDINAL BARS	4030	1E	4	3'-0"	10	TOP LONGITUDINAL BARS
5124	1E	5	12'-4"	60	BOTTOM LONGITUDINAL BARS	5124	1E	5	12'-4"	60	BOTTOM LONGITUDINAL BARS
5038	1E	5	3'-8"	20	BOTTOM LONGITUDINAL BARS	5038	1E	5	3'-8"	20	BOTTOM LONGITUDINAL BARS
5030	1E	5	3'-0"	10	BOTTOM LONGITUDINAL BARS	5030	1E	5	3'-0"	10	BOTTOM LONGITUDINAL BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS	6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS	B6067	4E	6	6'-7"	4	RAIL POST BARS

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518299 - PRECAST DECK 8 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.



BAR BENDING DIAGRAM



BRIDGE			
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR SCHEDULES
(SPAN 2)



Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-74

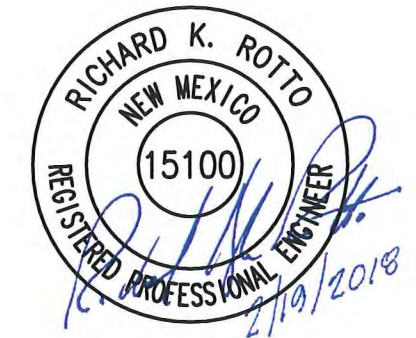
REINFORCEMENT SCHEDULE

PANEL S2-5						PANEL S2-7					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4124	1E	4	12'-4"	56	TOP LONGITUDINAL BARS	4124	1E	4	12'-4"	56	TOP LONGITUDINAL BARS
4038	1E	4	3'-8"	26	TOP LONGITUDINAL BARS	4038	1E	4	3'-8"	26	TOP LONGITUDINAL BARS
4030	1E	4	3'-0"	13	TOP LONGITUDINAL BARS	4030	1E	4	3'-0"	13	TOP LONGITUDINAL BARS
5124	1E	5	12'-4"	56	BOTTOM LONGITUDINAL BARS	5124	1E	5	12'-4"	56	BOTTOM LONGITUDINAL BARS
5038	1E	5	3'-8"	26	BOTTOM LONGITUDINAL BARS	5038	1E	5	3'-8"	26	BOTTOM LONGITUDINAL BARS
5030	1E	5	3'-0"	13	BOTTOM LONGITUDINAL BARS	5030	1E	5	3'-0"	13	BOTTOM LONGITUDINAL BARS
5108	1E	5	10'-8"	4	TOP AND BOTTOM EDGE BARS	5108	1E	5	10'-8"	4	TOP AND BOTTOM EDGE BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS	6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS	B6067	4E	6	6'-7"	4	RAIL POST BARS

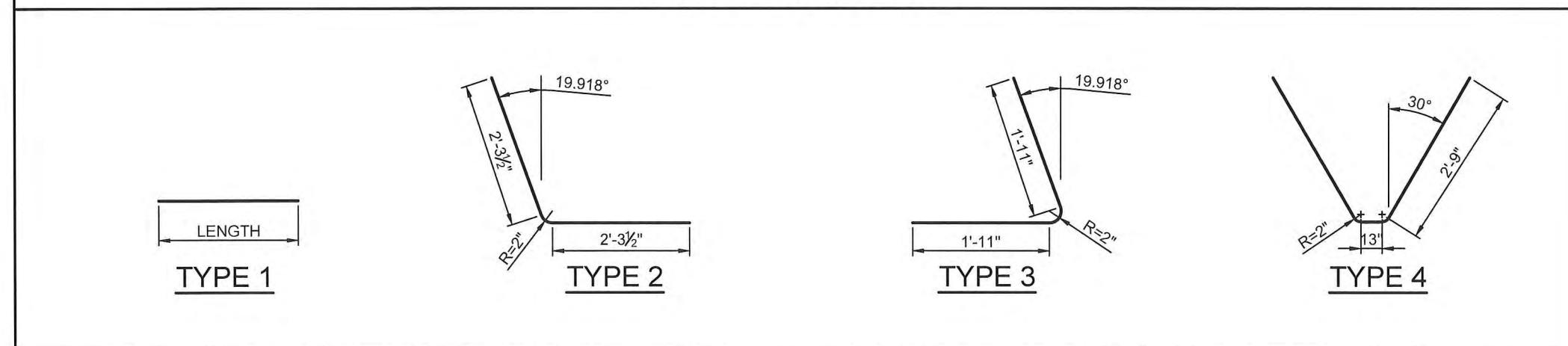
PANEL S2-6					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4124	1E	4	12'-4"	60	TOP LONGITUDINAL BARS
4038	1E	4	3'-8"	20	TOP LONGITUDINAL BARS
4030	1E	4	3'-0"	10	TOP LONGITUDINAL BARS
5124	1E	5	12'-4"	60	BOTTOM LONGITUDINAL BARS
5038	1E	5	3'-8"	20	BOTTOM LONGITUDINAL BARS
5030	1E	5	3'-0"	10	BOTTOM LONGITUDINAL BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518299 - PRECAST DECK 8 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.



BAR BENDING DIAGRAM



REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR
SCHEDULES
(SPAN 2)

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-75

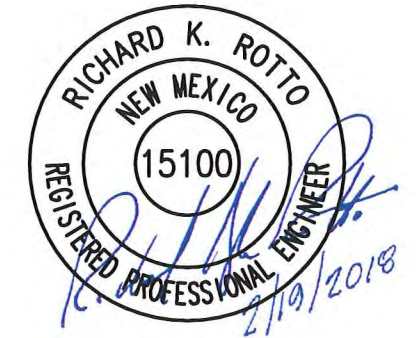
REINFORCEMENT SCHEDULE

PANEL S3-1						PANEL S3-3					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4108	1E	4	10'-8"	59	TOP LONGITUDINAL BARS	4108	1E	4	10'-8"	59	TOP LONGITUDINAL BARS
4031	1E	4	3'-1"	24	TOP LONGITUDINAL BARS	4031	1E	4	3'-1"	24	TOP LONGITUDINAL BARS
4025	1E	4	2'-5"	12	TOP LONGITUDINAL BARS	4025	1E	4	2'-5"	12	TOP LONGITUDINAL BARS
5108	1E	5	10'-8"	59	BOTTOM LONGITUDINAL BARS	5108	1E	5	10'-8"	59	BOTTOM LONGITUDINAL BARS
5031	1E	5	3'-1"	24	BOTTOM LONGITUDINAL BARS	5031	1E	5	3'-1"	24	BOTTOM LONGITUDINAL BARS
5025	1E	5	2'-5"	12	BOTTOM LONGITUDINAL BARS	5025	1E	5	2'-5"	12	BOTTOM LONGITUDINAL BARS
5091	1E	5	9'-1"	4	TOP AND BOTTOM EDGE BARS	5091	1E	5	9'-1"	4	TOP AND BOTTOM EDGE BARS
63610	1E	6	36'-10"	36	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	36	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60810	1E	6	8'-10"	16	TOP AND BOTTOM TRANSVERSE BARS	60810	1E	6	8'-10"	16	TOP AND BOTTOM TRANSVERSE BARS
6084	1E	6	8'-4"	8	TOP AND BOTTOM TRANSVERSE BARS	6084	1E	6	8'-4"	8	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	2	RAIL POST BARS AT OBTUSE CORNER	B6067	4E	6	6'-7"	2	RAIL POST BARS AT OBTUSE CORNER
B6065	5E	6	6'-5"	2	RAIL POST BARS AT ACUTE CORNER	B6065	5E	6	6'-5"	2	RAIL POST BARS AT ACUTE CORNER

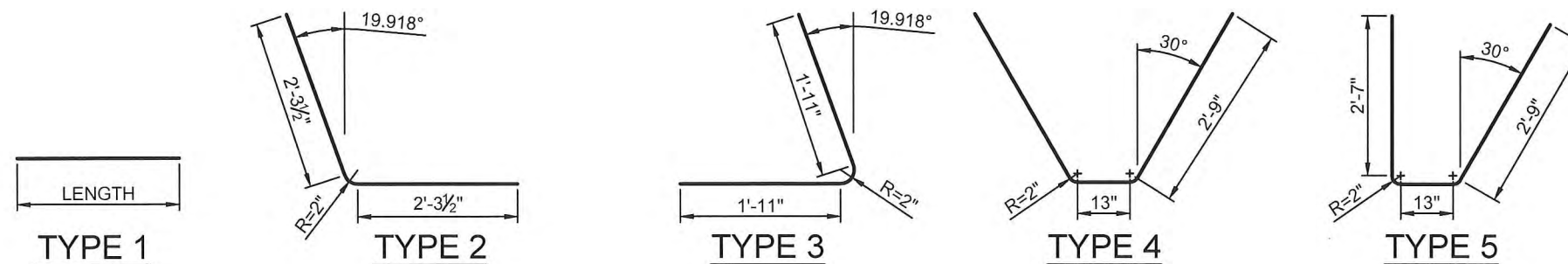
PANEL S3-2						PANEL S3-4					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4108	1E	4	10'-8"	62	TOP LONGITUDINAL BARS	4108	1E	4	10'-8"	62	TOP LONGITUDINAL BARS
4031	1E	4	3'-1"	16	TOP LONGITUDINAL BARS	4031	1E	4	3'-1"	16	TOP LONGITUDINAL BARS
4025	1E	4	2'-5"	8	TOP LONGITUDINAL BARS	4025	1E	4	2'-5"	8	TOP LONGITUDINAL BARS
5108	1E	5	10'-8"	60	BOTTOM LONGITUDINAL BARS	5108	1E	5	10'-8"	60	BOTTOM LONGITUDINAL BARS
5031	1E	5	3'-1"	16	BOTTOM LONGITUDINAL BARS	5031	1E	5	3'-1"	16	BOTTOM LONGITUDINAL BARS
5025	1E	5	2'-5"	8	BOTTOM LONGITUDINAL BARS	5025	1E	5	2'-5"	8	BOTTOM LONGITUDINAL BARS
63610	1E	6	36'-10"	36	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	36	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60810	1E	6	8'-10"	16	TOP AND BOTTOM TRANSVERSE BARS	60810	1E	6	8'-10"	16	TOP AND BOTTOM TRANSVERSE BARS
6084	1E	6	8'-4"	8	TOP AND BOTTOM TRANSVERSE BARS	6084	1E	6	8'-4"	8	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	2	RAIL POST BARS AT OBTUSE CORNER	B6067	4E	6	6'-7"	2	RAIL POST BARS AT OBTUSE CORNER
B6065	5E	6	6'-5"	2	RAIL POST BARS AT ACUTE CORNER	B6065	5E	6	6'-5"	2	RAIL POST BARS AT ACUTE CORNER

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518299 - PRECAST DECK 8 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.



BAR BENDING DIAGRAM



REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR
SCHEDULES
(SPAN 3)

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-76

REINFORCEMENT SCHEDULE

PANEL S4-1*						PANEL S4-3					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4124	1E	4	12'-4"	60	TOP LONGITUDINAL BARS	4124	1E	4	12'-4"	60	TOP LONGITUDINAL BARS
4038	1E	4	3'-8"	20	TOP LONGITUDINAL BARS	4038	1E	4	3'-8"	20	TOP LONGITUDINAL BARS
4030	1E	4	3'-0"	10	TOP LONGITUDINAL BARS	4030	1E	4	3'-0"	10	TOP LONGITUDINAL BARS
5124	1E	5	12'-4"	60	BOTTOM LONGITUDINAL BARS	5124	1E	5	12'-4"	60	BOTTOM LONGITUDINAL BARS
5038	1E	5	3'-8"	20	BOTTOM LONGITUDINAL BARS	5038	1E	5	3'-8"	20	BOTTOM LONGITUDINAL BARS
5030	1E	5	3'-0"	10	BOTTOM LONGITUDINAL BARS	5030	1E	5	3'-0"	10	BOTTOM LONGITUDINAL BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS	6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS	B6067	4E	6	6'-7"	4	RAIL POST BARS

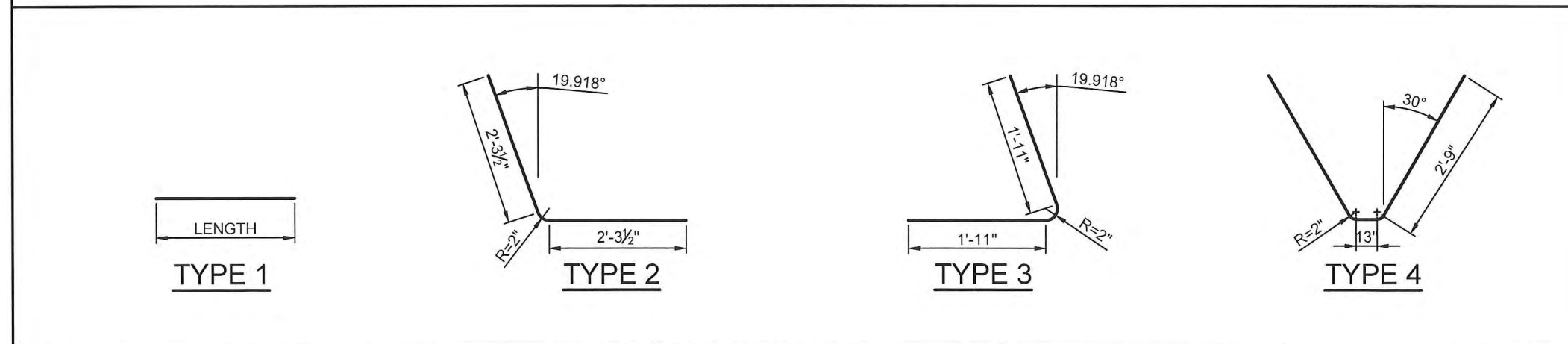
PANEL S4-2*						PANEL S4-4					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4124	1E	4	12'-4"	56	TOP LONGITUDINAL BARS	4124	1E	4	12'-4"	56	TOP LONGITUDINAL BARS
4038	1E	4	3'-8"	26	TOP LONGITUDINAL BARS	4038	1E	4	3'-8"	26	TOP LONGITUDINAL BARS
4030	1E	4	3'-0"	13	TOP LONGITUDINAL BARS	4030	1E	4	3'-0"	13	TOP LONGITUDINAL BARS
5124	1E	5	12'-4"	56	BOTTOM LONGITUDINAL BARS	5124	1E	5	12'-4"	56	BOTTOM LONGITUDINAL BARS
5038	1E	5	3'-8"	26	BOTTOM LONGITUDINAL BARS	5038	1E	5	3'-8"	26	BOTTOM LONGITUDINAL BARS
5030	1E	5	3'-0"	13	BOTTOM LONGITUDINAL BARS	5030	1E	5	3'-0"	13	BOTTOM LONGITUDINAL BARS
5108	1E	5	10'-8"	4	TOP AND BOTTOM EDGE BARS	5108	1E	5	10'-8"	4	TOP AND BOTTOM EDGE BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS	6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS	B6067	4E	6	6'-7"	4	RAIL POST BARS

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518299 - PRECAST DECK 8 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.



BAR BENDING DIAGRAM



BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR
SCHEDULES
(SPAN 4)

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-77

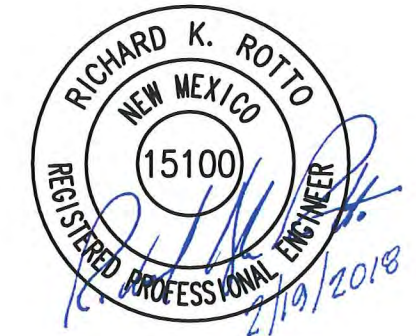
REINFORCEMENT SCHEDULE

PANEL S4-5						PANEL S4-7					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4124	1E	4	12'-4"	60	TOP LONGITUDINAL BARS	4124	1E	4	12'-4"	60	TOP LONGITUDINAL BARS
4038	1E	4	3'-8"	20	TOP LONGITUDINAL BARS	4038	1E	4	3'-8"	20	TOP LONGITUDINAL BARS
4030	1E	4	3'-0"	10	TOP LONGITUDINAL BARS	4030	1E	4	3'-0"	10	TOP LONGITUDINAL BARS
5124	1E	5	12'-4"	60	BOTTOM LONGITUDINAL BARS	5124	1E	5	12'-4"	60	BOTTOM LONGITUDINAL BARS
5038	1E	5	3'-8"	20	BOTTOM LONGITUDINAL BARS	5038	1E	5	3'-8"	20	BOTTOM LONGITUDINAL BARS
5030	1E	5	3'-0"	10	BOTTOM LONGITUDINAL BARS	5030	1E	5	3'-0"	10	BOTTOM LONGITUDINAL BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS	6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS	B6067	4E	6	6'-7"	4	RAIL POST BARS

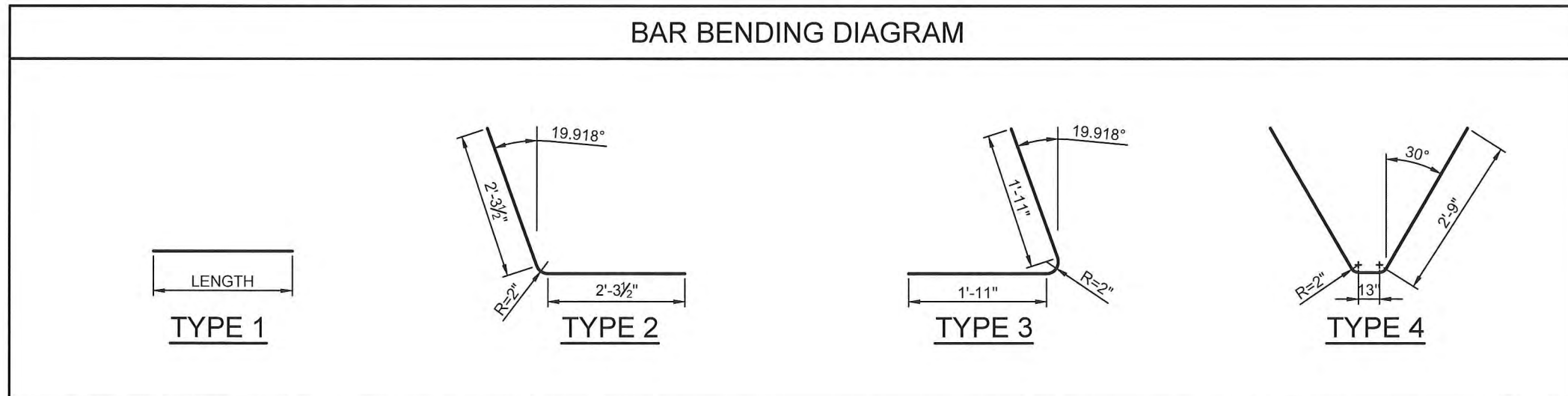
PANEL S4-6					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4124	1E	4	12'-4"	56	TOP LONGITUDINAL BARS
4038	1E	4	3'-8"	26	TOP LONGITUDINAL BARS
4030	1E	4	3'-0"	13	TOP LONGITUDINAL BARS
5124	1E	5	12'-4"	56	BOTTOM LONGITUDINAL BARS
5038	1E	5	3'-8"	26	BOTTOM LONGITUDINAL BARS
5030	1E	5	3'-0"	13	BOTTOM LONGITUDINAL BARS
5108	1E	5	10'-8"	4	TOP AND BOTTOM EDGE BARS
63610	1E	6	36'-10"	42	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
60511	1E	6	5'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6066	1E	6	6'-6"	16	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518299 - PRECAST DECK 8 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.



BAR BENDING DIAGRAM



BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR
SCHEDULES
(SPAN 4)

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-78

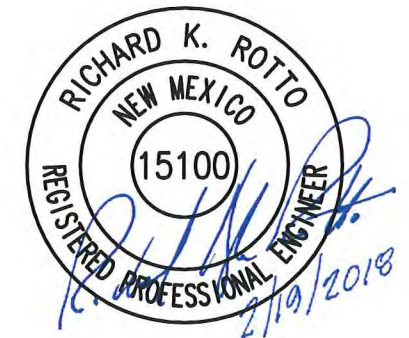
REINFORCEMENT SCHEDULE

PANEL S5-1						PANEL S5-3					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4129	1E	4	12'-9"	62	TOP LONGITUDINAL BARS	4129	1E	4	12'-9"	62	TOP LONGITUDINAL BARS
40310	1E	4	3'-10"	16	TOP LONGITUDINAL BARS	40310	1E	4	3'-10"	16	TOP LONGITUDINAL BARS
4031	1E	4	3'-1"	8	TOP LONGITUDINAL BARS	4031	1E	4	3'-1"	8	TOP LONGITUDINAL BARS
5129	1E	5	12'-9"	62	BOTTOM LONGITUDINAL BARS	5129	1E	5	12'-9"	62	BOTTOM LONGITUDINAL BARS
50310	1E	5	3'-10"	16	BOTTOM LONGITUDINAL BARS	50310	1E	5	3'-10"	16	BOTTOM LONGITUDINAL BARS
5031	1E	5	3'-1"	8	BOTTOM LONGITUDINAL BARS	5031	1E	5	3'-1"	8	BOTTOM LONGITUDINAL BARS
63610	1E	6	36'-10"	44	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	44	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS	60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6088	1E	6	8'-8"	24	TOP AND BOTTOM TRANSVERSE BARS	6088	1E	6	8'-8"	24	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS	B6067	4E	6	6'-7"	4	RAIL POST BARS

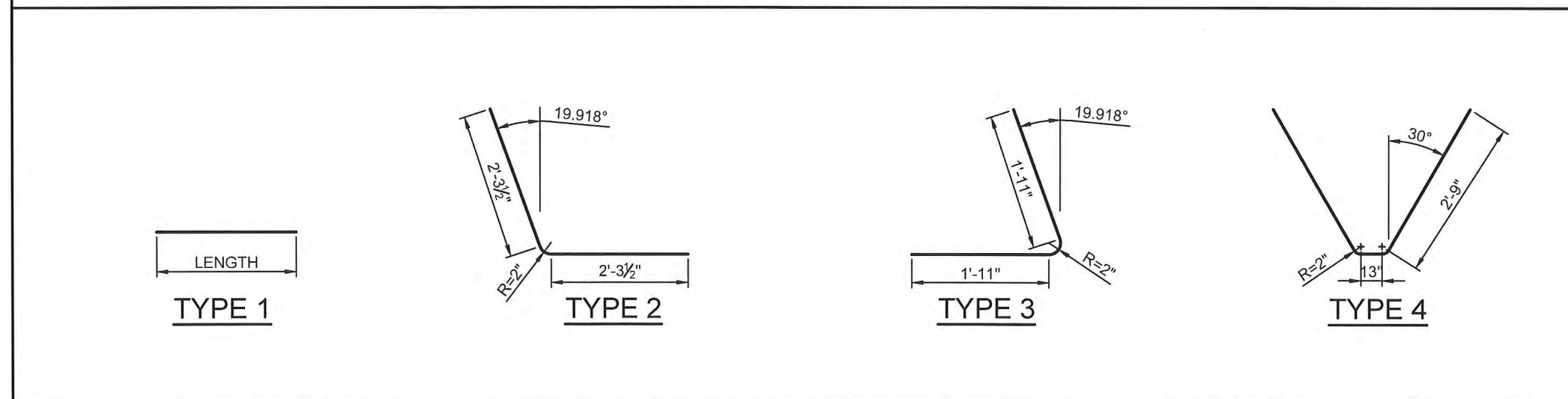
PANEL S5-2					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
4129	1E	4	12'-9"	59	TOP LONGITUDINAL BARS
40310	1E	4	3'-10"	20	TOP LONGITUDINAL BARS
4031	1E	4	3'-1"	10	TOP LONGITUDINAL BARS
5129	1E	5	12'-9"	59	BOTTOM LONGITUDINAL BARS
50310	1E	5	3'-10"	20	BOTTOM LONGITUDINAL BARS
5031	1E	5	3'-1"	10	BOTTOM LONGITUDINAL BARS
5111	1E	5	11'-1"	4	TOP AND BOTTOM EDGE BARS
63610	1E	6	36'-10"	44	TOP AND BOTTOM TRANSVERSE BARS
60211	1E	6	2'-11"	16	TOP AND BOTTOM TRANSVERSE BARS
6088	1E	6	8'-8"	24	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518299 - PRECAST DECK 8 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.



BAR BENDING DIAGRAM



BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR SCHEDULES
(SPAN 5)

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-79

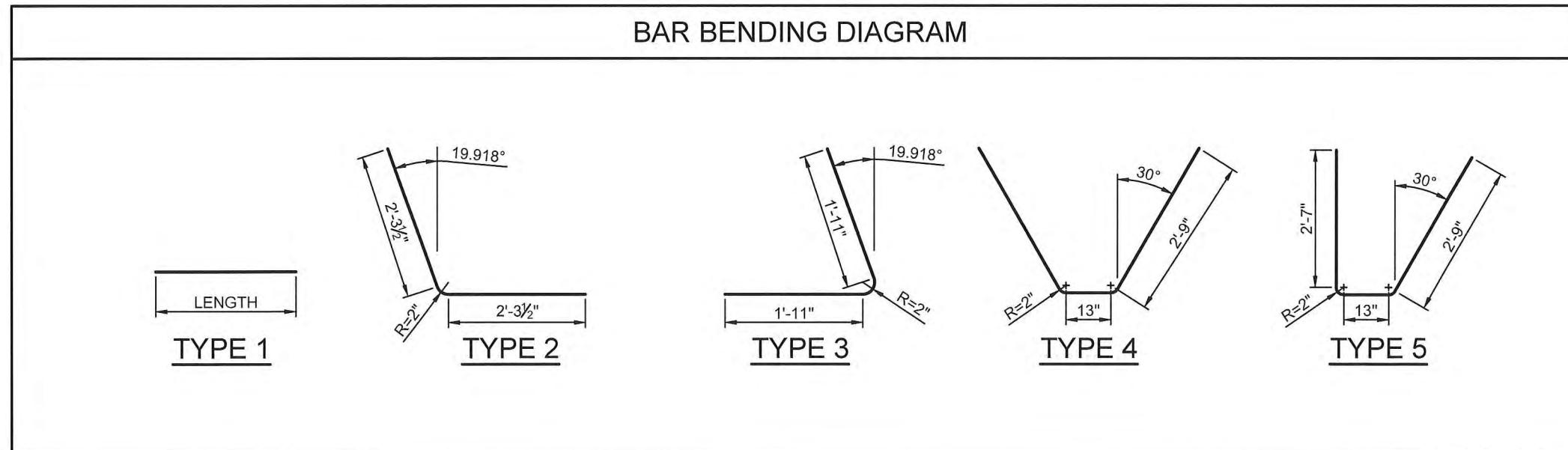
REINFORCEMENT SCHEDULE

PANEL LS1						PANEL LS3					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
6096	1E	6	9'-6"	140	TOP AND BOTTOM LONGITUDINAL BARS	6096	1E	6	9'-6"	138	TOP AND BOTTOM LONGITUDINAL BARS
63610	1E	6	36'-10"	32	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	32	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	50711	1E	5	7'-11"	4	TOP AND BOTTOM EDGE BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B6067	4E	6	6'-7"	2	RAIL POST BARS AT OBTUSE CORNER	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6065	5E	6	6'-5"	2	RAIL POST BARS AT ACUTE CORNER	B6067	4E	6	6'-7"	2	RAIL POST BARS AT OBTUSE CORNER
PANEL LS2						PANEL LS4					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
6096	1E	6	9'-6"	140	TOP AND BOTTOM LONGITUDINAL BARS	6098	1E	6	9'-8"	138	TOP AND BOTTOM LONGITUDINAL BARS
63610	1E	6	36'-10"	32	TOP AND BOTTOM TRANSVERSE BARS	63610	1E	6	36'-10"	32	TOP AND BOTTOM TRANSVERSE BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	5081	1E	5	8'-1"	4	TOP AND BOTTOM EDGE BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B6067	4E	6	6'-7"	2	RAIL POST BARS AT OBTUSE CORNER	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6065	5E	6	6'-5"	2	RAIL POST BARS AT ACUTE CORNER	B6067	4E	6	6'-7"	2	RAIL POST BARS AT OBTUSE CORNER
PANEL LS4 (continued)						PANEL LS4 (continued)					
PANEL LS4 (continued)						PANEL LS4 (continued)					

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518299 - PRECAST DECK 8 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.

BAR BENDING DIAGRAM



REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR
SCHEDULES
(LINK SLABS)

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-80

REINFORCEMENT SCHEDULE

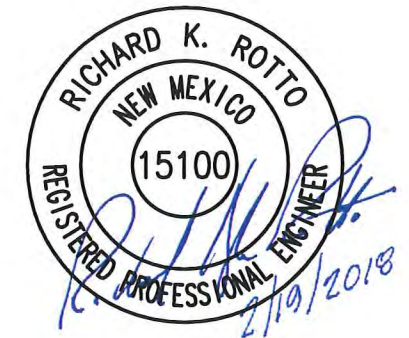
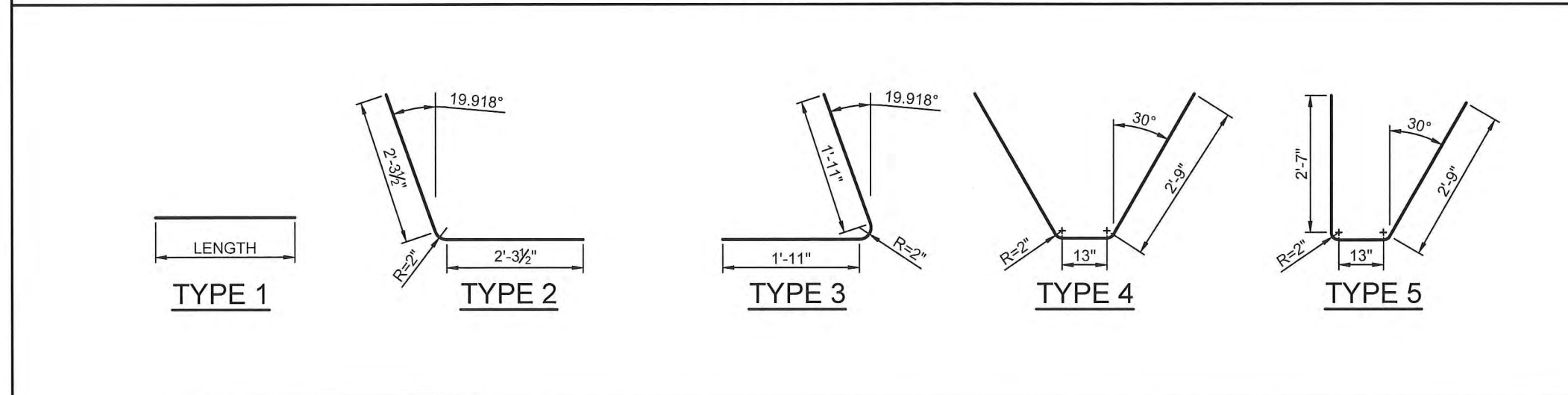
PANEL AS1-1						PANEL AS1-3					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
5093	1E	5	9'-3"	36	TOP TRANSVERSE BARS	5101	1E	5	10'-1"	36	TOP TRANSVERSE BARS
5192	1E	5	19'-2"	17	TOP LONGITUDINAL BARS	5192	1E	5	19'-2"	17	TOP LONGITUDINAL BARS
5085	1E	5	8'-5"	2	TOP TRANSVERSE EDGE BARS	5085	1E	5	8'-5"	2	TOP TRANSVERSE EDGE BARS
50211	1E	5	2'-11"	16	DOWELS	50211	1E	5	2'-11"	16	DOWELS
7093	1E	7	9'-3"	36	BOTTOM TRANSVERSE BARS	7101	1E	7	10'-1"	36	BOTTOM TRANSVERSE BARS
7085	1E	7	8'-5"	2	BOTTOM TRANSVERSE EDGE BARS	7085	1E	7	8'-5"	2	BOTTOM TRANSVERSE EDGE BARS
8192	1E	8	19'-2"	17	BOTTOM LONGITUDINAL BARS	8192	1E	8	19'-2"	17	BOTTOM LONGITUDINAL BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS						
B6065	5E	6	6'-5"	1	RAIL POST BARS AT ACUTE CORNER						

PANEL AS1-2						PANEL AS1-4					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
5101	1E	5	10'-1"	37	TOP TRANSVERSE BARS	5093	1E	5	9'-3"	37	TOP TRANSVERSE BARS
5192	1E	5	19'-2"	17	TOP LONGITUDINAL BARS	5192	1E	5	19'-2"	17	TOP LONGITUDINAL BARS
50211	1E	5	2'-11"	16	DOWELS	50211	1E	5	2'-11"	16	DOWELS
7101	1E	7	10'-1"	37	BOTTOM TRANSVERSE BARS	7093	1E	7	9'-3"	37	BOTTOM TRANSVERSE BARS
8192	1E	8	19'-2"	17	BOTTOM LONGITUDINAL BARS	8192	1E	8	19'-2"	17	BOTTOM LONGITUDINAL BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
						B6067	4E	6	6'-7"	4	RAIL POST BARS
						B6065	5E	6	6'-5"	1	RAIL POST BARS AT ACUTE CORNER

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518303 - PRECAST DECK 10 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.

BAR BENDING DIAGRAM



BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR
SCHEDULES
(APPROACH SLAB 1)

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018



Louis Berger
Santa Fe, New Mexico

CONTROL No.
4101490

SHEET No.
5-81

REINFORCEMENT SCHEDULE

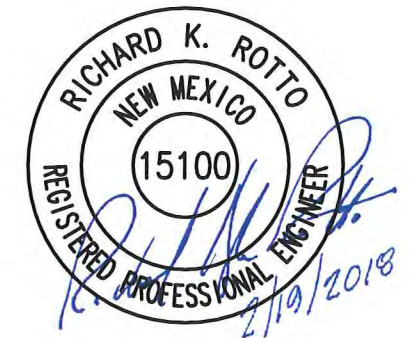
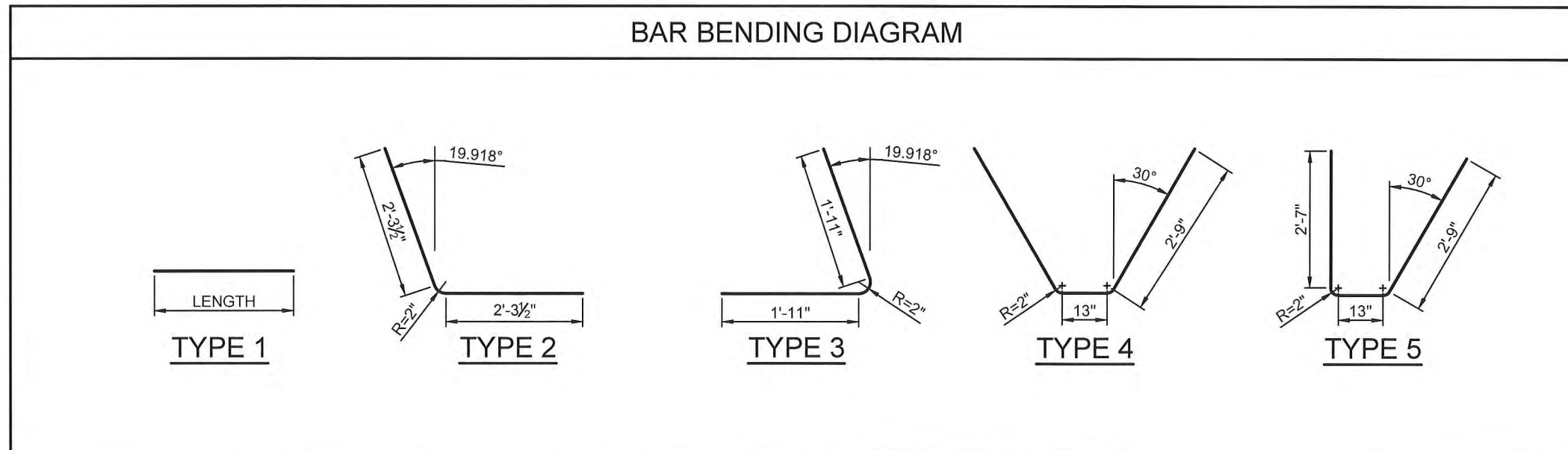
PANEL AS2-1						PANEL AS2-3					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
5093	1E	5	9'-3"	36	TOP TRANSVERSE BARS	5101	1E	5	10'-1"	36	TOP TRANSVERSE BARS
5192	1E	5	19'-2"	17	TOP LONGITUDINAL BARS	5192	1E	5	19'-2"	17	TOP LONGITUDINAL BARS
5085	1E	5	8'-5"	2	TOP TRANSVERSE EDGE BARS	5085	1E	5	8'-5"	2	TOP TRANSVERSE EDGE BARS
50211	1E	5	2'-11"	16	DOWELS	50211	1E	5	2'-11"	16	DOWELS
7093	1E	7	9'-3"	36	BOTTOM TRANSVERSE BARS	7101	1E	7	10'-1"	36	BOTTOM TRANSVERSE BARS
7085	1E	7	8'-5"	2	BOTTOM TRANSVERSE EDGE BARS	7085	1E	7	8'-5"	2	BOTTOM TRANSVERSE EDGE BARS
8192	1E	8	19'-2"	17	BOTTOM LONGITUDINAL BARS	8192	1E	8	19'-2"	17	BOTTOM LONGITUDINAL BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
B6067	4E	6	6'-7"	4	RAIL POST BARS						
B6065	5E	6	6'-5"	1	RAIL POST BARS AT ACUTE CORNER						

PANEL AS2-2						PANEL AS2-4					
MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS	MARK	TYPE	SIZE	LENGTH	NO. REQ.	REMARKS
5101	1E	5	10'-1"	37	TOP TRANSVERSE BARS	5093	1E	5	9'-3"	37	TOP TRANSVERSE BARS
5192	1E	5	19'-2"	17	TOP LONGITUDINAL BARS	5192	1E	5	19'-2"	17	TOP LONGITUDINAL BARS
50211	1E	5	2'-11"	16	DOWELS	50211	1E	5	2'-11"	16	DOWELS
7101	1E	7	10'-1"	37	BOTTOM TRANSVERSE BARS	7093	1E	7	9'-3"	37	BOTTOM TRANSVERSE BARS
8192	1E	8	19'-2"	17	BOTTOM LONGITUDINAL BARS	8192	1E	8	19'-2"	17	BOTTOM LONGITUDINAL BARS
B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS	B5046	2E	5	4'-6"	4	OBTUSE CORNER BARS
B5046	3E	5	4'-6"	4	ACUTE CORNER BARS	B5046	3E	5	4'-6"	4	ACUTE CORNER BARS
						B6067	4E	6	6'-7"	4	RAIL POST BARS
						B6065	5E	6	6'-5"	1	RAIL POST BARS AT ACUTE CORNER

NOTES:

- DIMENSIONS ARE TO "OUT-TO-OUT" OF BARS.
- BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.
- FOR CONTRACTOR AND FABRICATOR INFORMATION ONLY. (COST FOR REINFORCEMENT IS INCLUDED IN "ITEM No. 518303 - PRECAST DECK 10 IN. DEPTH PANELS")
- BAR DETAILING SHALL BE IN ACCORDANCE WITH CHAPTER SIX OF THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) MANUAL OF STANDARD PRACTICE, 2009 EDITION.

BAR BENDING DIAGRAM



BRIDGE REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			
3			

NEW MEXICO DEPARTMENT OF
TRANSPORTATION

NM-93 OVER I-40
BRIDGE REHABILITATION

BRIDGE No. 7345

REINFORCING BAR
SCHEDULES
(APPROACH SLAB 2)

DESIGNED BY: IM DRAWN BY: CDS CHECKED BY: RKR PLOT DATE: 2/19/2018

APPROVED FOR CONSTRUCTION: Kimberly Coleman DATE: 2/20/2018