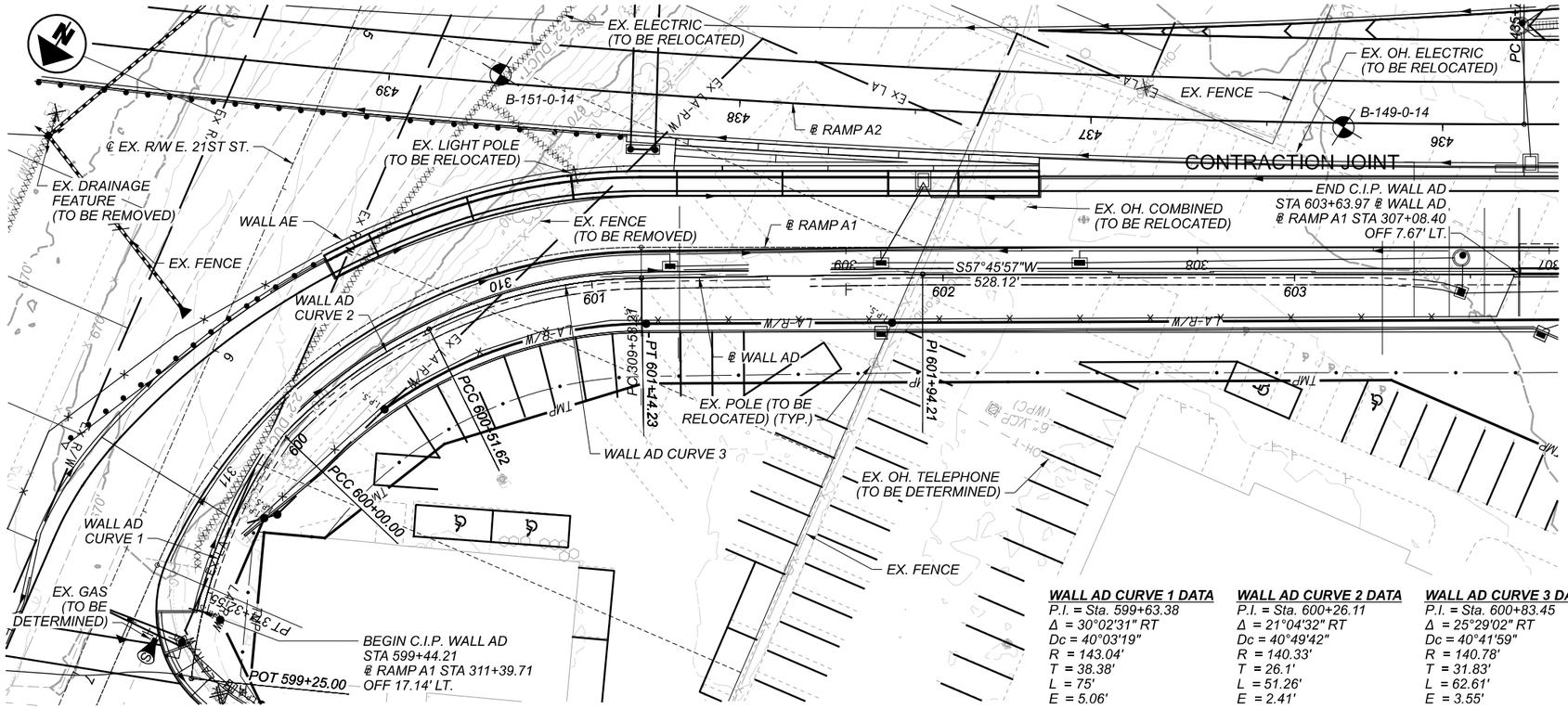
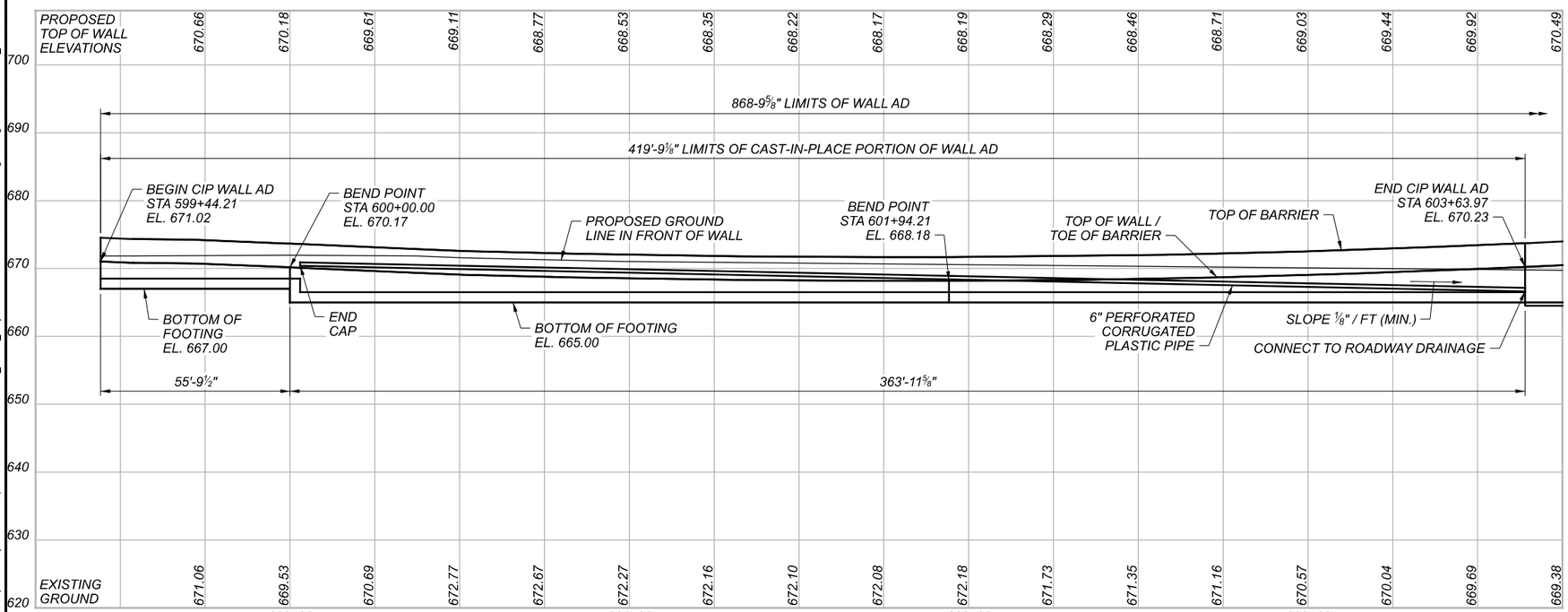


PLAN

WALL AD CURVE 1 DATA
P.I. = Sta. 599+63.38
Δ = 30°02'31" RT
Dc = 40°03'19"
R = 143.04'
T = 38.38'
L = 75'
E = 5.06'

WALL AD CURVE 2 DATA
P.I. = Sta. 600+26.11
Δ = 21°04'32" RT
Dc = 40°49'42"
R = 140.33'
T = 26.1'
L = 51.26'
E = 2.41'

WALL AD CURVE 3 DATA
P.I. = Sta. 600+83.45
Δ = 25°29'02" RT
Dc = 40°41'59"
R = 140.78'
T = 31.83'
L = 62.61'
E = 3.55'



PROFILE

BENCHMARK DATA

BM-54 STA. 310+59.00, ELEV. 672.54, OFFSET 463.02' RT., ℄ RAMP A1, CUT CROSS IN NORTH BONNET BOLT OF FIRE HYDRANT

BM-59 STA. 301+65.97, ELEV. 660.15, OFFSET 488.87' RT., ℄ RAMP A1, MAG NAIL AT NOSE OF DRAINAGE CHANNEL

BM-62 STA. 303+26.43, ELEV. 672.11, OFFSET 354.64' LT., ℄ RAMP A1, RAILROAD SPIKE IN EAST FACE OF POWER/LIGHT POLE

FOR ADDITIONAL BENCHMARK INFORMATION, SEE ROADWAY PLANS.

NOTES

1. EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.
2. VERTICAL SCALE OF PROFILE VIEW IS EXAGGERATED FOR CLARITY.

LEGEND

- HISTORIC BORING LOCATION
- PROJECT BORING LOCATION

BORING DATA

BORING	STATION	OFFSET
B-151-0-14	600+86.81	62.25' LT
B-149-0-14	603+13.91	41.85' LT
B-148-0-14	604+64.20	51.82' LT
B-147-0-14	606+02.14	50.80' LT
B-146-0-14	606+99.37	60.36' LT
C-121-0-14	607+97.94	62.42' LT
B-145-0-14*	301+99.88	9.70' LT
B-144-0-14*	301+73.64	82.19' RT

* LOCATIONS MEASURED OFF ℄ RAMP A1

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

WALL PLAN AND PROFILE (1 OF 2) WALL AD ALONG RAMP A1

SFN N/A

DESIGN AGENCY HDR

DESIGNER — CHECKER —

REVIEWER — —

PROJECT ID 82382

SUBSET 1 TOTAL 15

SHEET 987 TOTAL 2338

CUY-90-16.28 (CCG3A)

MODEL: WALL AD [Sheet] PAPERSIZE: 17x11 (in.) DATE: 6/29/2022 TIME: 9:52:42 AM USER: CRICCARDI
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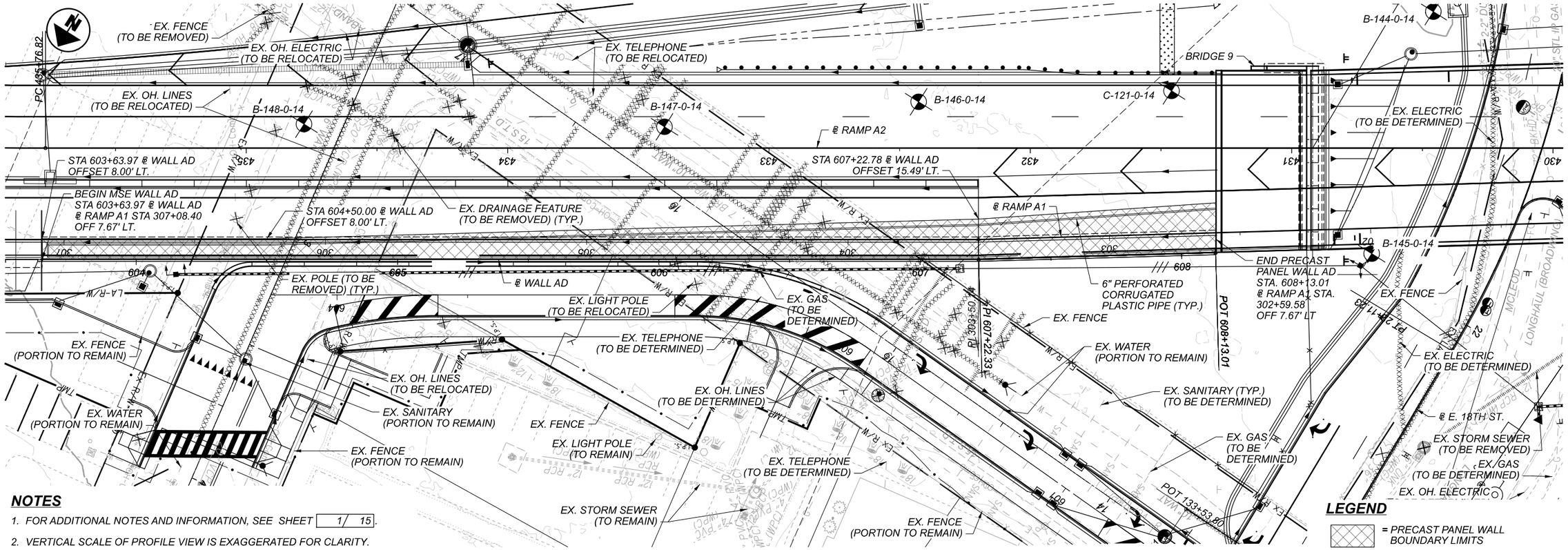


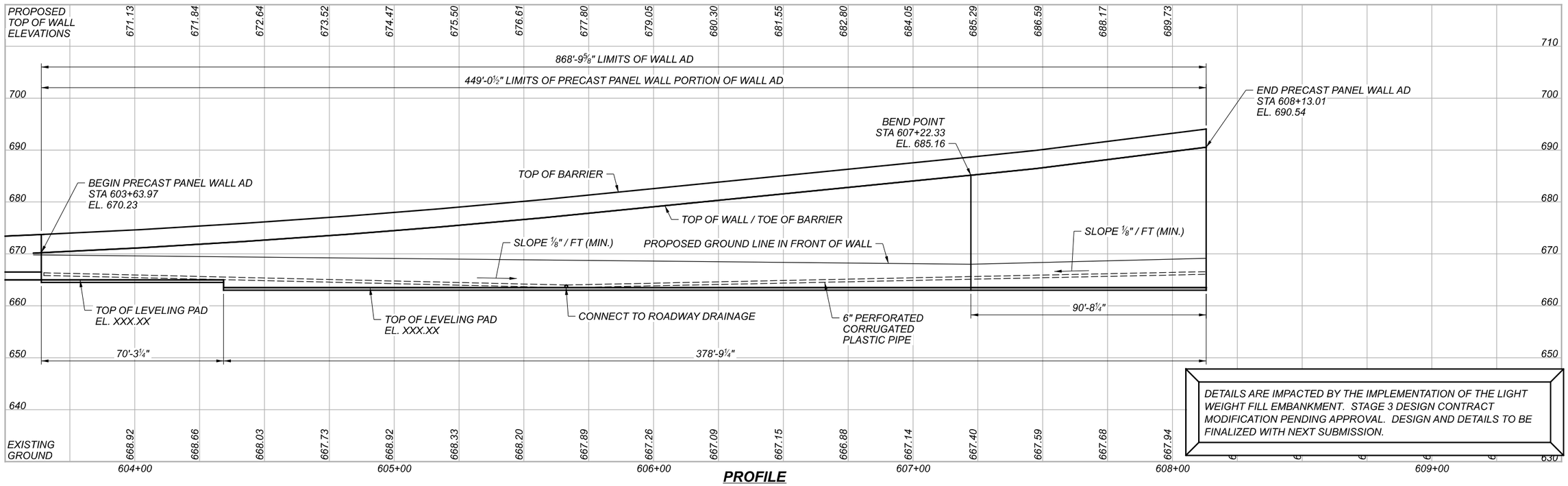
NOTES

1. FOR ADDITIONAL NOTES AND INFORMATION, SEE SHEET 1/ 15.
2. VERTICAL SCALE OF PROFILE VIEW IS EXAGGERATED FOR CLARITY.

LEGEND

= PRECAST PANEL WALL BOUNDARY LIMITS

PLAN



PROFILE

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

WALL PLAN AND PROFILE (2 OF 2) WALL AD ALONG RAMP A1

SFN	N/A
DESIGN AGENCY	HDR
DESIGNER	—
CHECKER	—
REVIEWER	— —
PROJECT ID	82382
SUBSET	2
TOTAL	15
SHEET	988
TOTAL	2338

CUY-90-16.28 (CCG3A)

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GENERAL NOTES - PRECAST PANEL AND CAST-IN-PLACE PORTIONS OF WALL AD

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWINGS:

SBR-1-20	REVISED	07-17-20
SICD-1-21	REVISED	01-15-21

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS:

840	DATED	04-16-21
863	DATED	07-16-21
878	DATED	04-16-21

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

DESIGN DATA:

CONCRETE CLASS QC2 - COMPRESSIVE STRENGTH 4.5 KSI
(MOMENT SLAB AND PARAPET)

CONCRETE CLASS QC1 - COMPRESSIVE STRENGTH 4.0 KSI
(CAST-IN-PLACE COPING, LEVELING PAD, AND FOOTING AND STEM OF WALL)

REINFORCING STEEL - MINIMUM YIELD STRENGTH 60 KSI

GFRP - C&MS 705.28 (MODULUS = 8,700 KSI)

WALL EXCAVATION:

LIMITS OF WALL EXCAVATION SHOWN IN WALL SECTIONS ARE FOR QUANTITY PURPOSES ONLY. CONTRACTOR HAS THE OPTION TO USE AN EXCAVATED SLOPE OR SUPPORTED EXCAVATION. SEE MAINTENANCE OF TRAFFIC PLANS FOR ANY REQUIRED WORK ZONE SHEETING.

MAINTENANCE OF TRAFFIC:

REFER TO THE PROJECT OVERALL MAINTENANCE OF TRAFFIC FOR ADDITIONAL INFORMATION WITH RESPECT TO MAINTENANCE OF TRAFFIC.

WALL DESIGN CRITERIA:

THE FACTORED BEARING RESISTANCE FOR EACH WALL IS LISTED IN THE TABLE BELOW:

FACTORED BEARING RESISTANCE			
WALL LETTER	WALL LIMITS		(PSF)
	FROM STA.	TO STA.	
AD	599+44.21	600+00.00	5,100
AD	600+00.00	603+63.97	5,500
AD	603+63.97	609+27.24	11,200

ITEM 511, CLASS QC2 CONCRETE, MISC.: MOMENT SLAB AND PARAPET:

ALL MATERIAL, LABOR AND INCIDENTALS NECESSARY TO FURNISH AND PLACE CONCRETE FOR THE MOMENT SLABS AND PARAPETS ALONG THE MSE WALLS SHALL BE INCLUDED FOR PAYMENT WITH ITEM 511, CLASS QC2 CONCRETE. PAYMENT FOR THIS ITEM SHALL INCLUDE ALL DOWEL RODS AND ALL JOINT MATERIALS IN CONTACT WITH THE MOMENT SLAB. ALL REINFORCING STEEL EMBEDDED IN THE MOMENT SLAB AND WITHIN THE PARAPET SHALL BE INCLUDED WITH ITEM 509, EPOXY COATED REINFORCING STEEL FOR PAYMENT. THIS ITEM SHALL ALSO REQUIRE QUALITY CONTROL, MEETING THE REQUIREMENTS PER CMS 455 AND CMS 511.04.

ITEM 511, CLASS QC2 CONCRETE, MISC.: PARAPET ON RETAINING WALL:

ALL MATERIAL, LABOR AND INCIDENTALS NECESSARY TO FURNISH AND PLACE CONCRETE FOR THE PARAPET ON TOP OF THE CAST-IN-PLACE CONCRETE RETAINING WALL SHALL BE INCLUDED FOR PAYMENT WITH ITEM 511, CLASS QC2 CONCRETE. ALL REINFORCING STEEL EMBEDDED IN THE RETAINING WALL AND LOCATED WITHIN THE PARAPET SHALL BE INCLUDED WITH ITEM 509, EPOXY COATED REINFORCING STEEL FOR PAYMENT. THE QUALITY CONTROL REQUIREMENTS SHALL BE PER CMS 455.

ITEM 840 CONCRETE COPING, AS PER PLAN:

PROVIDE EPOXY COATED REINFORCING AND CLASS QC1 CONCRETE AS SHOWN IN THE PLANS. CONCRETE AND REINFORCING STEEL IN THE COPING, ADDITIONAL CONCRETE AND REINFORCING STEEL AT ROADWAY FEATURES, PEJF BETWEEN COPING AND BARRIER, AND EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT BID PRICE PER FOOT FOR THIS ITEM.

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

WALL GENERAL NOTES
WALL AD
ALONG RAMP A1

SFN N/A

DESIGN AGENCY

DESIGNER CMR | CHECKER —

REVIEWER — —

PROJECT ID 82382

SUBSET 3 | TOTAL 15

SHEET 989 | TOTAL 2338

CUY-90-16.28 (CCG3A)

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ESTIMATED QUANTITIES

CALCULATED BY: DATE: XX/XX/202X
CHECKED BY: DATE: XX/XX/202X

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUTMENTS	PIERS	SUPERSTR.	GENERAL	SHEET REF.
503	11100	LS		COFFERDAMS AND EXCAVATION BRACING					
503	21100		CY	UNCLASSIFIED EXCAVATION					
509	10000		LB	EPOXY COATED REINFORCING STEEL					
511	46212		CY	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL INCLUDING FOOTING					
511	53012		CY	CLASS QC2 CONCRETE, MISC.: MOMENT SLAB AND PARAPET					
511	53012		CY	CLASS QC2 CONCRETE, MISC.: PARAPET ON RETAINING WALL					
512	10100		SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
512	33000		SY	TYPE 2 WATERPROOFING					
516	13600		SF	1" PREFORMED EXPANSION JOINT FILLER					
518	21200		CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC					
518	40000		FT	6" PERFORATED CORRUGATED PLASTIC PIPE					
518	40010		FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
601	21001		SY	CONCRETE SLOPE PROTECTION, AS PER PLAN					

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

ESTIMATED QUANTITIES
WALL AD
ALONG RAMP A1

SFN
N/A

DESIGN AGENCY

DESIGNER CMR | CHECKER —

REVIEWER
— —

PROJECT ID
82382

SUBSET 4 | TOTAL 15

SHEET 990 | TOTAL 2338

CUY-90-16.28 (CCG3A)

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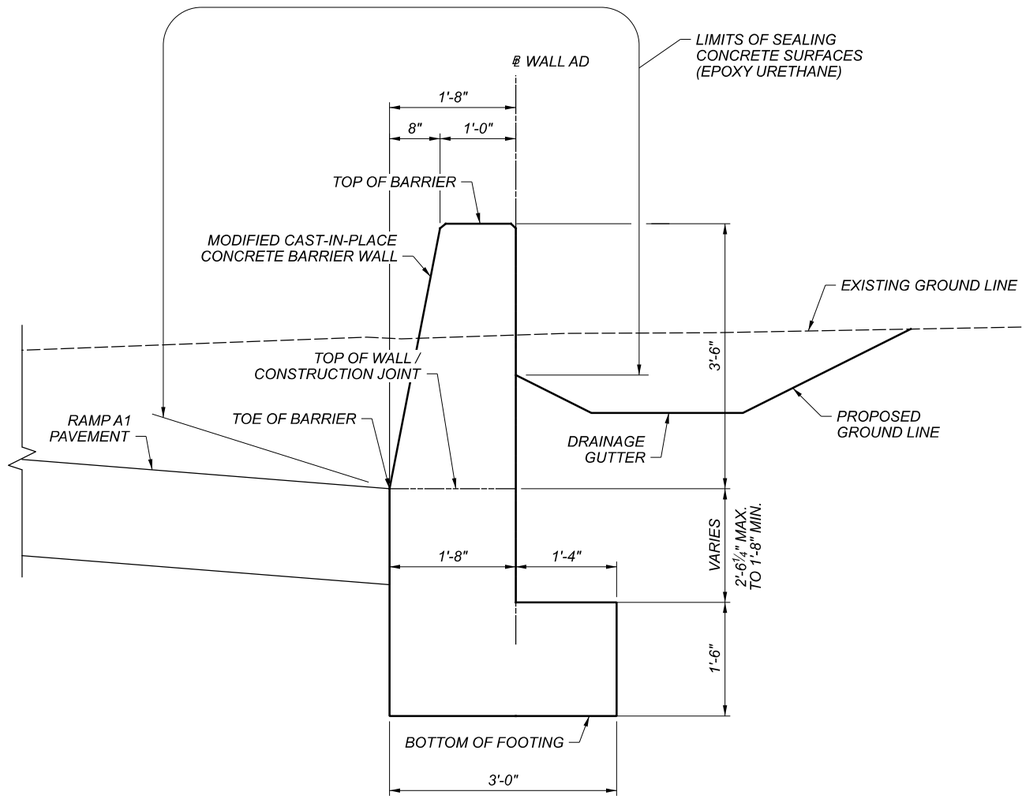
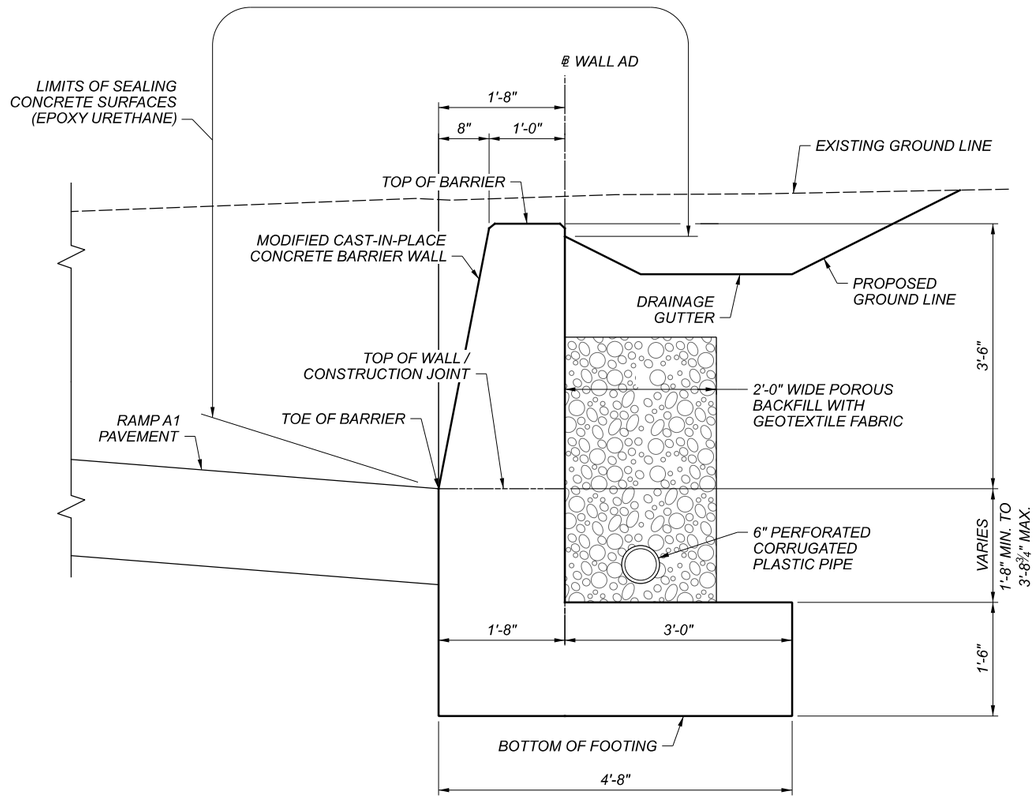


TYPICAL CAST-IN-PLACE WALL SECTION (SECTION 1)

(WALL AD STA. 599+44.23 TO WALL AD STA. 600+00.00)
(REINFORCEMENT NOT SHOWN FOR CLARITY)



TYPICAL CAST-IN-PLACE WALL SECTION (SECTION 2)

(WALL AD STA. 600+00.00 TO WALL AD STA. 603+63.97)
(REINFORCEMENT NOT SHOWN FOR CLARITY)

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

TYPICAL CAST-IN-PLACE WALL SECTIONS WALL AD ALONG RAMP A1

CUY-90-16.28 (CCG3A)

SFN N/A

DESIGN AGENCY

DESIGNER	CHECKER
CMR	—

REVIEWER — 06/—/22

PROJECT ID 82382

SUBSET	TOTAL
5	15

SHEET	TOTAL
991	2338

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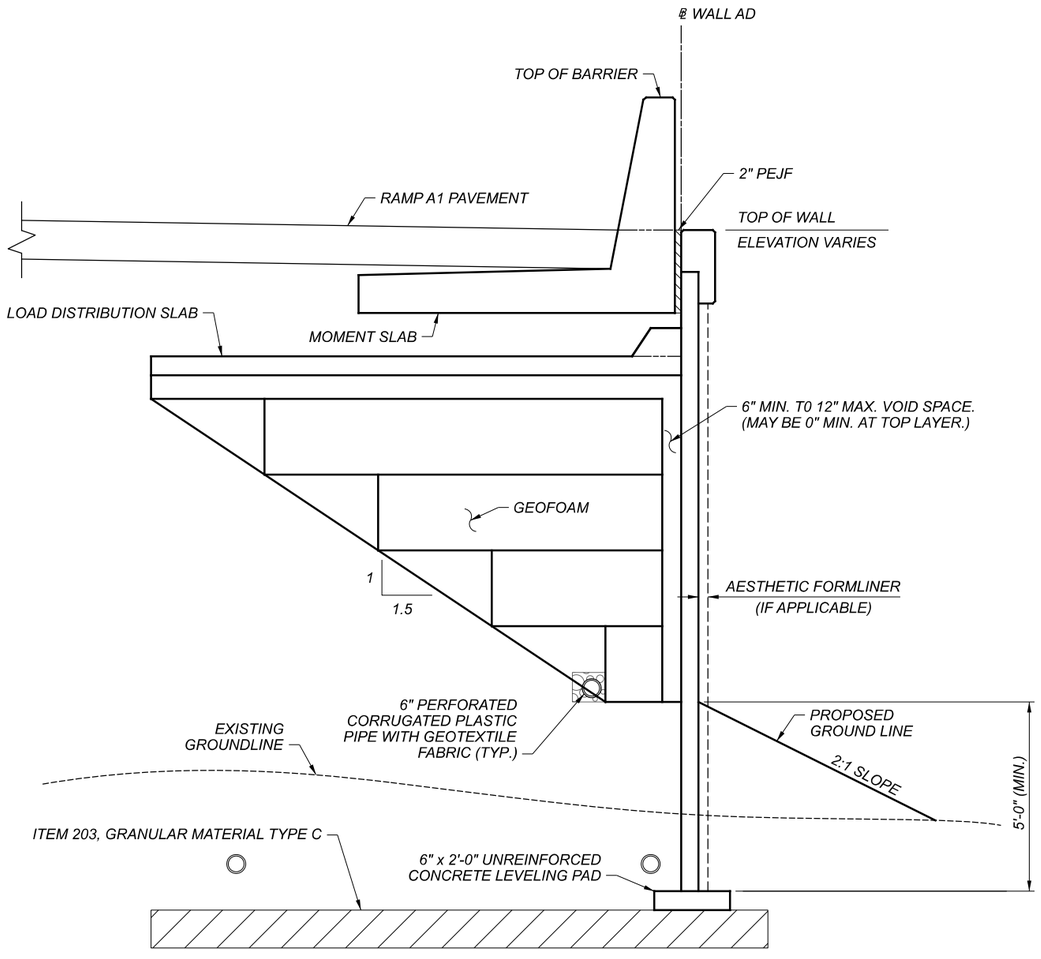
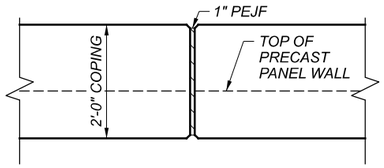


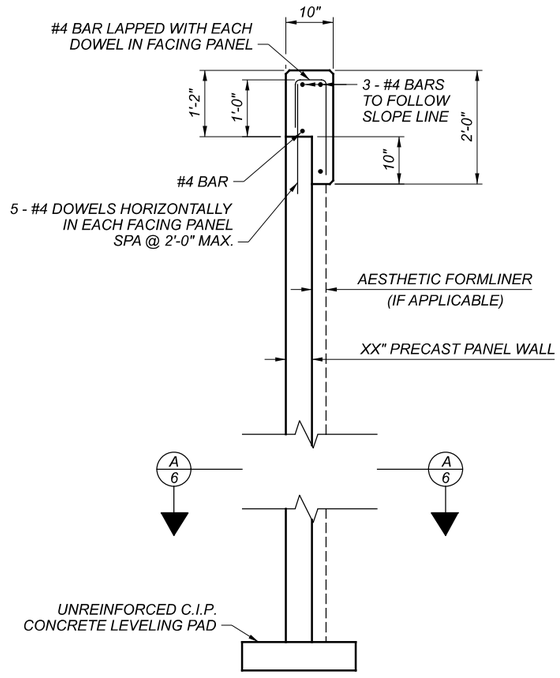
PRECAST PANEL WALL TYPICAL SECTION

(WALL AD STA. 603+63.97 TO WALL AD STA. 608+13.01)
(SECTION ALONG ROADWAY PAVEMENT LIMITS SHOWN)



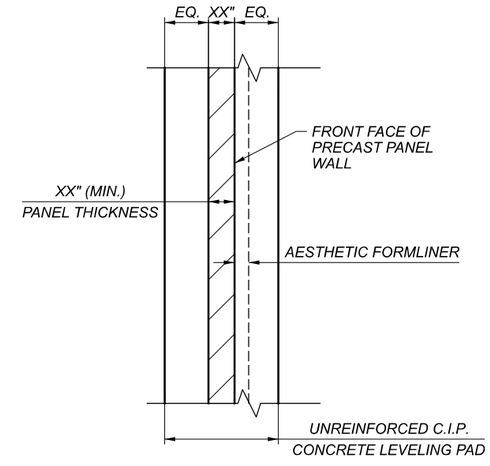
COPING EXPANSION JOINT - ELEVATION

(MAX. JOINT SPACING IS 20'-0")



PRECAST PANEL WALL AND COPING DETAIL

(ALL REINFORCING STEEL TO BE EPOXY COATED)



SECTION A-A

DETAILS FOR PRECAST PANEL PORTION OF WALL AD ARE LIMITED IN THIS SUBMISSION. DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

PRECAST PANEL WALL SECTIONS
WALL AD
ALONG RAMP A1

SFN	N/A
DESIGN AGENCY	HDR
DESIGNER	CMR
CHECKER	—
REVIEWER	— 06/—/22
PROJECT ID	82382
SUBSET	6
TOTAL	15
SHEET	992
TOTAL	2338

CUY-90-16.28 (CCG3A)

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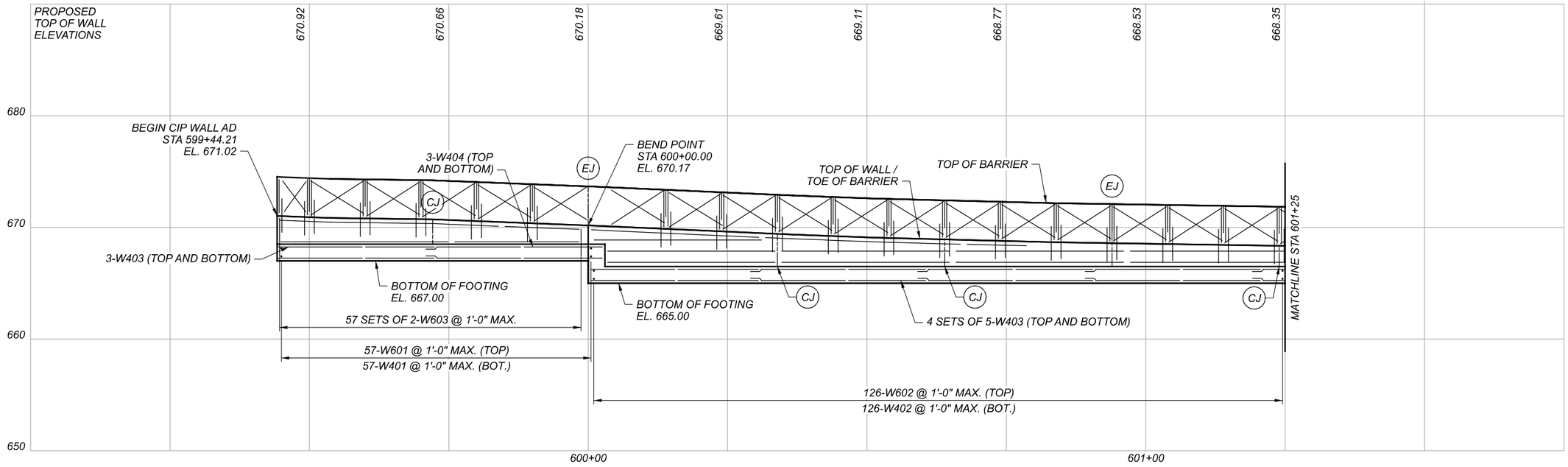

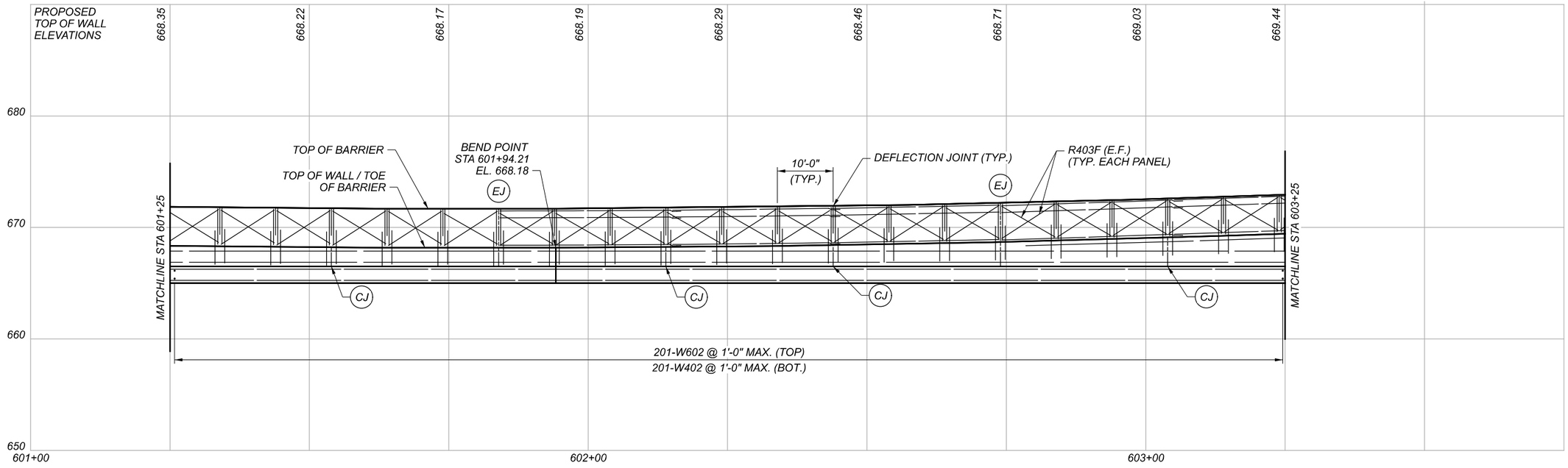

LEGEND:

(CJ) CONTRACTION JOINT (STEM)

(EJ) EXPANSION JOINT (STEM + PARAPET)

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

WALL ELEVATION (1 OF 3)
WALL AD
ALONG RAMP A1

CUY-90-16.28 (CCG3A)

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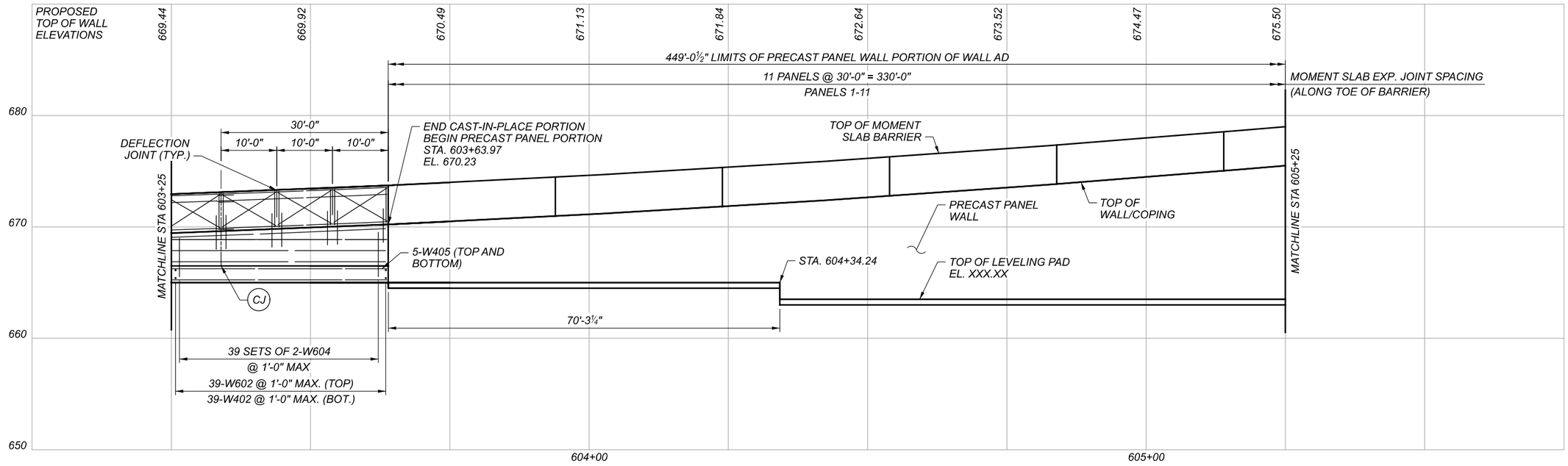
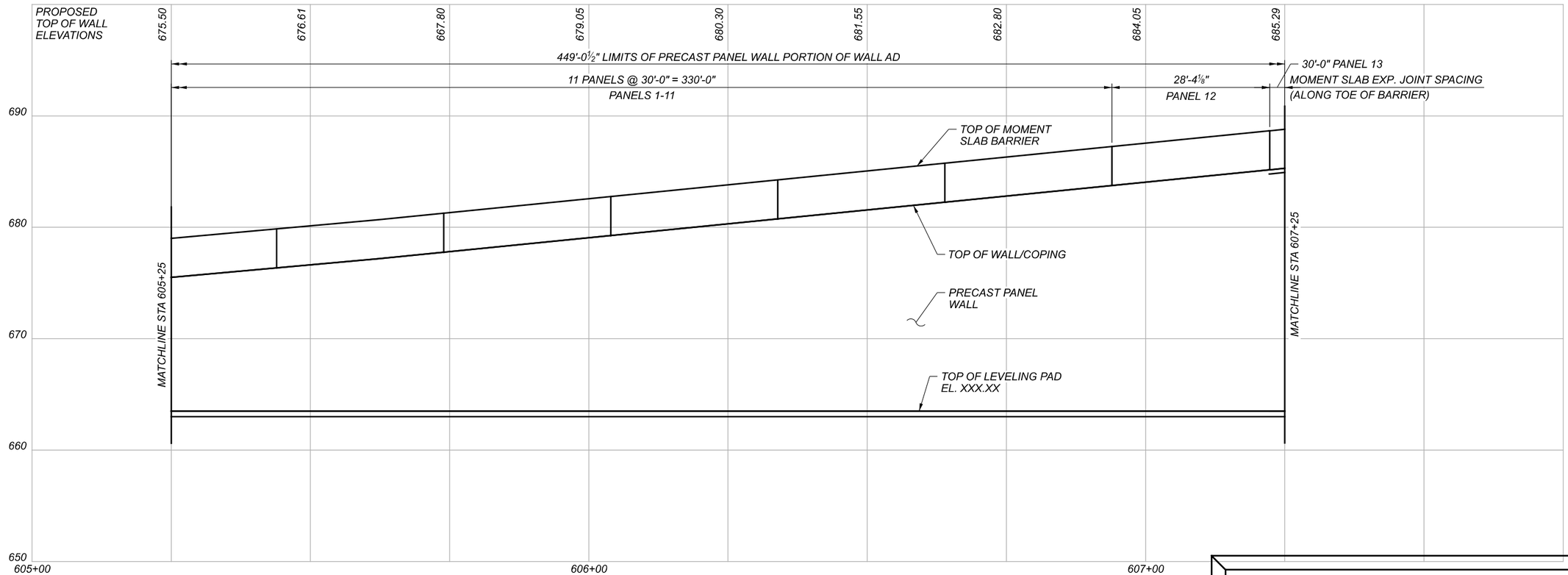
SFN	N/A
DESIGN AGENCY	HDR
DESIGNER	CMR
CHECKER	—
REVIEWER	—
PROJECT ID	82382
SUBSET	7
TOTAL	15
SHEET	993
TOTAL	2338





LEGEND:

(CJ) CONTRACTION JOINT (STEM)

(EJ) EXPANSION JOINT (STEM + PARAPET)

DETAILS FOR TILT-UP PANEL PORTION OF WALL AD ARE LIMITED IN THIS SUBMISSION. DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

WALL ELEVATION (2 OF 3)
WALL AD
ALONG RAMP A1

CUY-90-16.28 (CCG3A)

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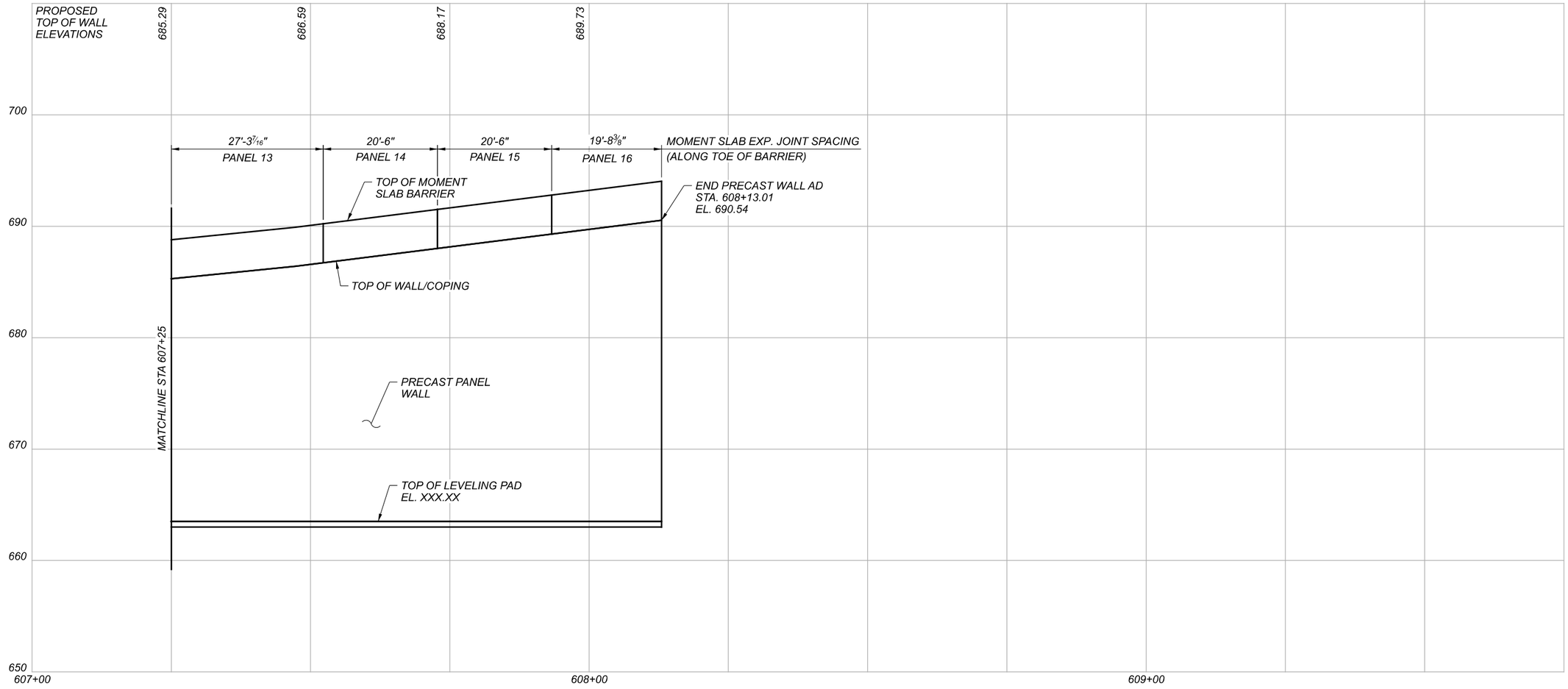
SFN	N/A
DESIGN AGENCY	HDR
DESIGNER	CMR
CHECKER	—
REVIEWER	— —
PROJECT ID	82382
SUBSET	8
TOTAL	15
SHEET	994
TOTAL	2338



DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

WALL ELEVATION (3 OF 3)
WALL AD
ALONG RAMP A1

CUY-90-16.28 (CCG3A)

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SFN
N/A

DESIGN AGENCY
HDR

DESIGNER	CHECKER
CMR	—

REVIEWER
— —

PROJECT ID
82382

SUBSET	TOTAL
9	15

SHEET	TOTAL
995	2338

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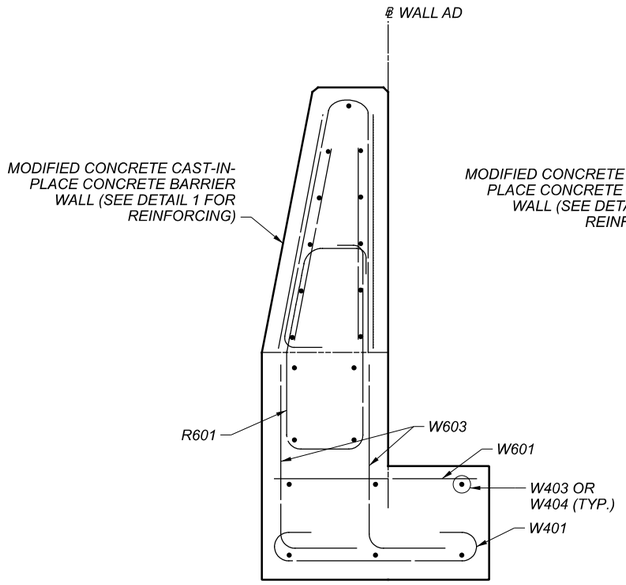
DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

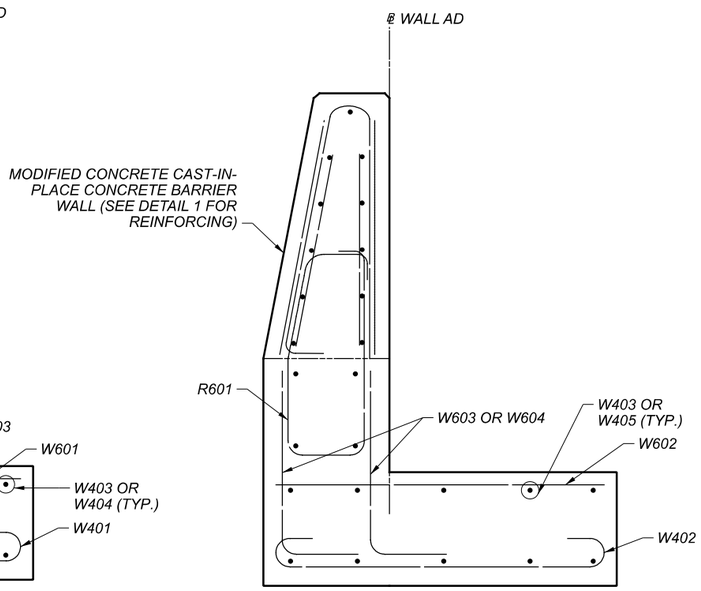
MISCELLANEOUS PRECAST PANEL WALL DETAILS
WALL AD
ALONG RAMP A1

SFN	N/A
DESIGN AGENCY	
DESIGNER	CMR
CHECKER	—
REVIEWER	—
PROJECT ID	82382
SUBSET	10
TOTAL	15
SHEET	996
TOTAL	2338



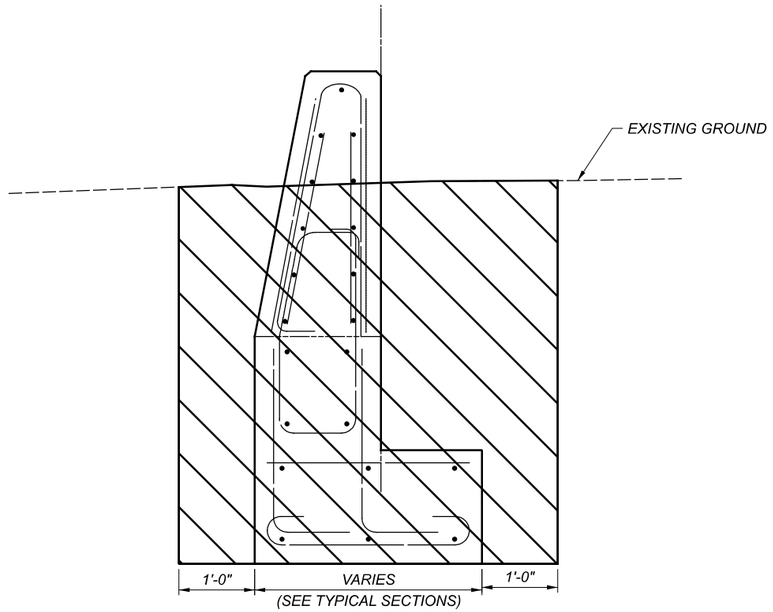
SECTION 1 REINFORCEMENT

(WALL AD STA. 599+44.23 TO WALL AD STA. 600+00.00)



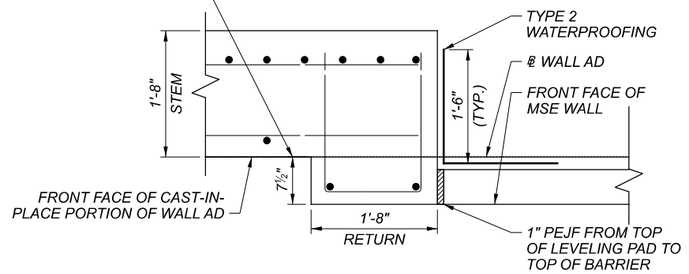
SECTION 2 REINFORCEMENT

(WALL AD STA. 600+00.00 TO WALL AD STA. 603+63.97)

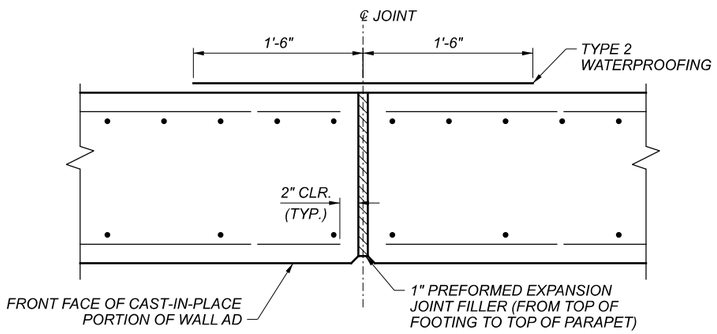


TYPICAL WALL EXCAVATION LIMITS

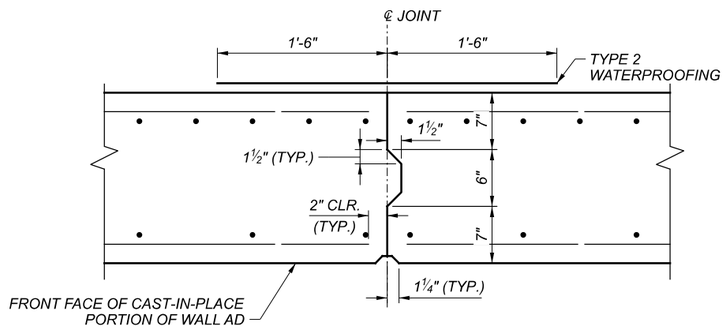
NOTE: UPDATE THIS IN COORDINATION WITH FORMLINER IN FRONT OF PRECAST PANEL WALL



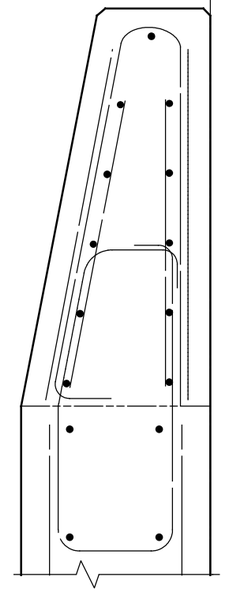
WALL STEM RETURN DETAIL



EXPANSION JOINT DETAIL



CONTRACTION JOINT DETAIL



DETAIL 1 - BARRIER REINFORCEMENT

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

MISCELLANEOUS CAST-IN-PLACE WALL DETAILS
WALL AD
ALONG RAMP A1

SFN N/A

DESIGN AGENCY

DESIGNER CMR | CHECKER —

REVIEWER — —

PROJECT ID 82382

SUBSET 11 | TOTAL 15

SHEET 997 | TOTAL 2338

CUY-90-16.28 (CCG3A)

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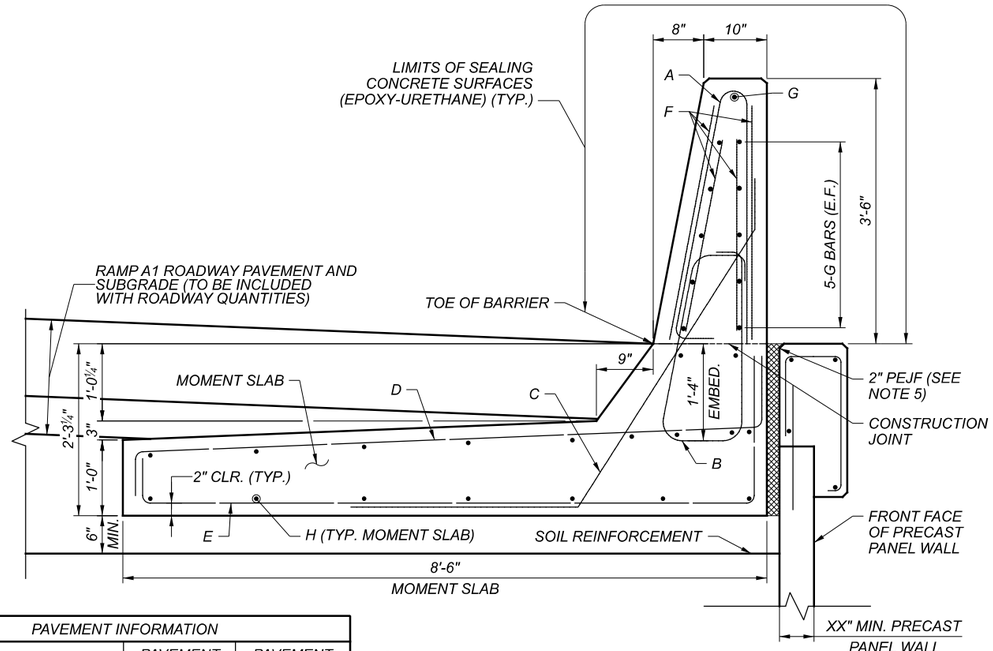
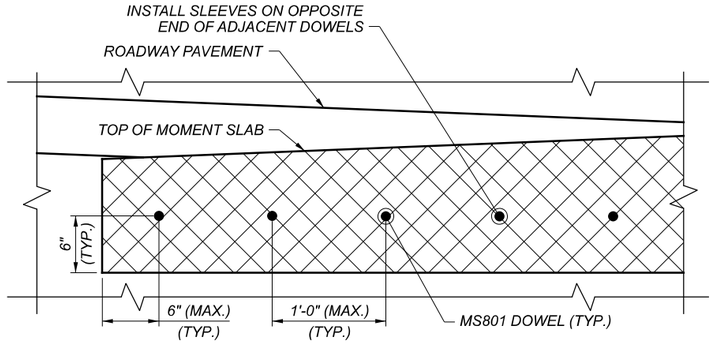
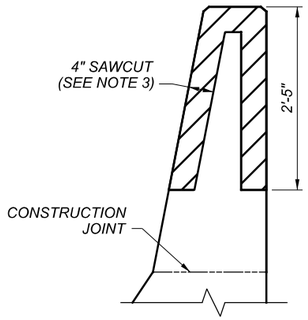


SECTION A-A

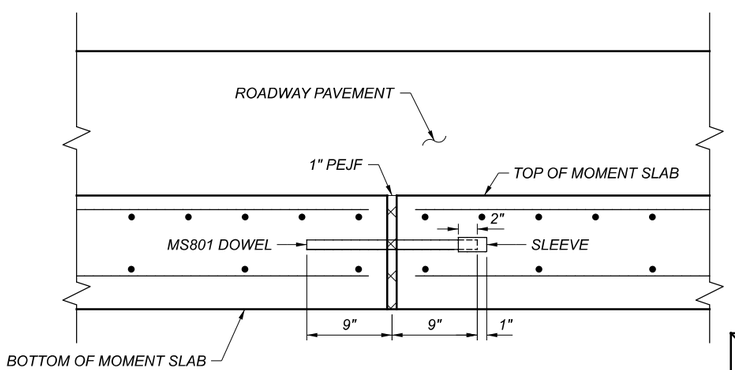
PAVEMENT INFORMATION		
WALL AD STATION RANGE	PAVEMENT THICKNESS	PAVEMENT TYPE
603+63.97 TO 607+22.33	10"	RIGID
607+22.33 TO 608+16.67	1'-0¼"	FLEXIBLE



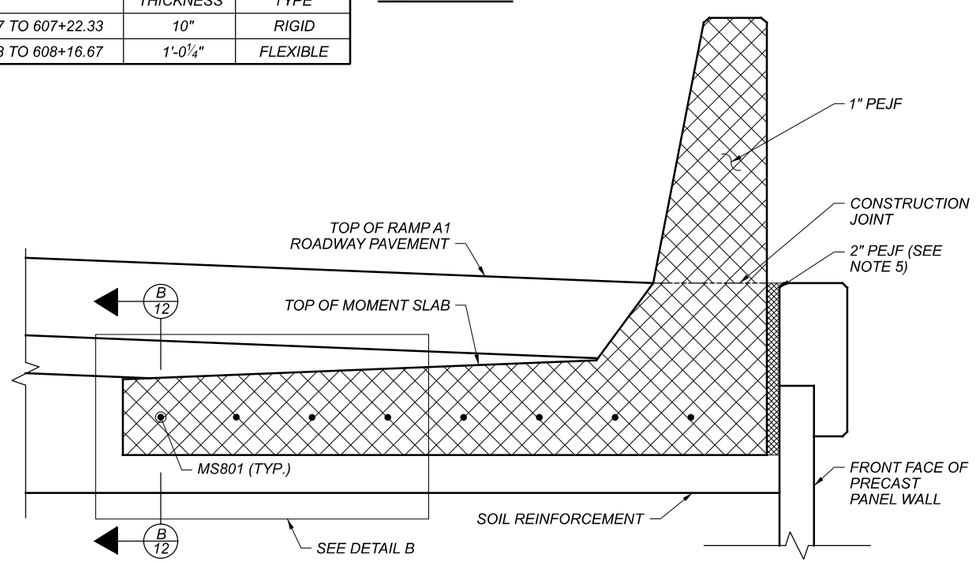
DETAIL B



DETAIL A
(SECTION THROUGH SAWCUT)



SECTION B-B



TYPICAL MOMENT SLAB SECTION AT EXPANSION JOINT

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

NOTES:

1. FOR PANEL REINFORCING STEEL TABLES, SEE SHEET &WDATOTAL .
2. FOR LOCATION OF EXPANSION JOINTS, SEE WALL ELEVATIONS.
3. FOR ADDITIONAL 4" SAWCUT AND GFRP REINFORCEMENT DETAILS, SEE ODOT STANDARD DRAWING SBR-1-13.
4. THE NUMBER OF BARS (NO.) LISTED IN THE TABLE ON SHEET &WDATOTAL , IS FOR THE ENTIRE PANEL.
5. 1", 2", AND 3" PEJF SHALL BE INCLUDED FOR PAYMENT WITH ITEM 511, CLASS QC2 CONCRETE, MISC.: MOMENT SLAB AND PARAPET. USE ADDITIONAL PEJF BETWEEN THE MOMENT SLAB AND MSE WALL PANELS AS NEEDED ADJACENT TO THE PROPOSED BRIDGE APPROACH SLABS AND/OR MOMENT SLABS IN ORDER FOR PROPER ALIGNMENT OF THE PARAPET.

BARRIER AND MOMENT SLAB DETAILS (1 OF 2)
WALL AD
ALONG RAMP A1

SFN N/A

DESIGN AGENCY

DESIGNER CMR | CHECKER —

REVIEWER — —

PROJECT ID 82382

SUBSET 12 | TOTAL 15

SHEET 998 | TOTAL 2338

CUY-90-16.28 (CCG3A)

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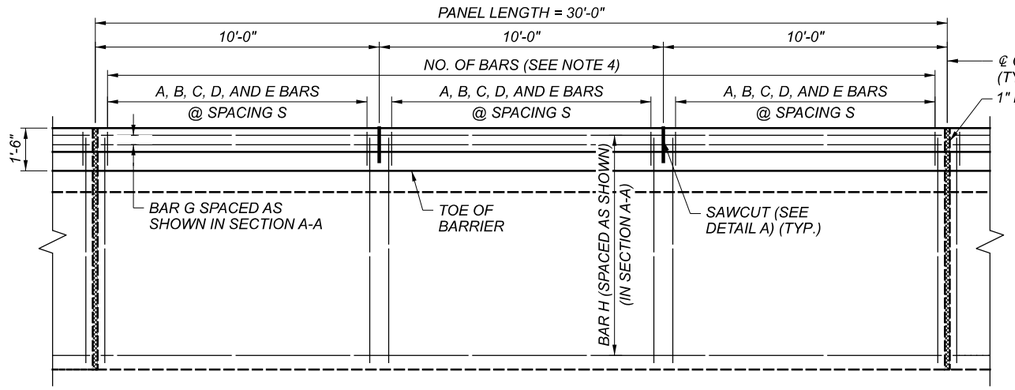
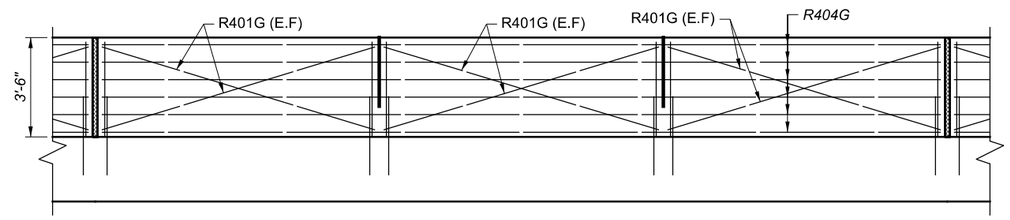
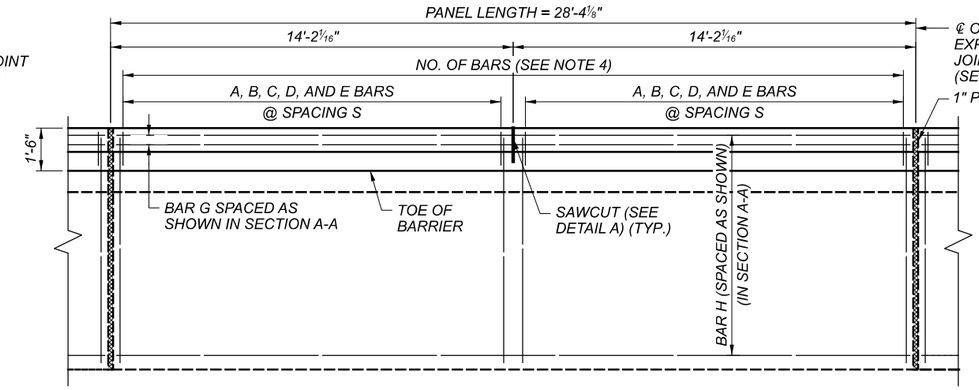


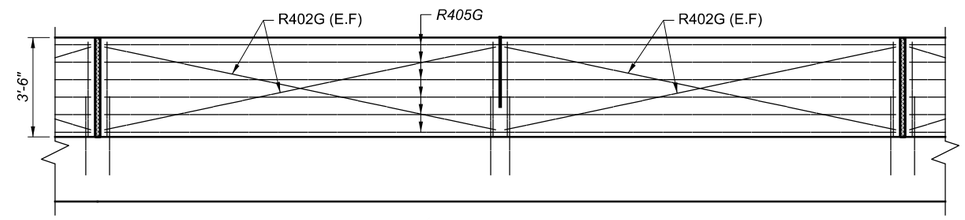
30'-0" PANEL PLAN



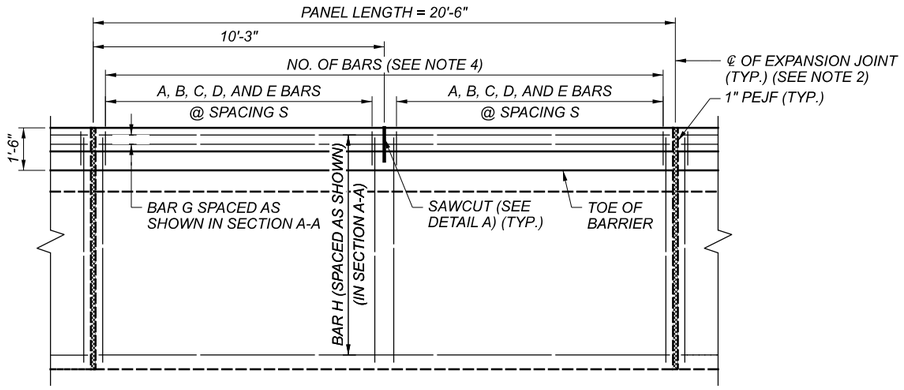
30'-0" PANEL ELEVATION



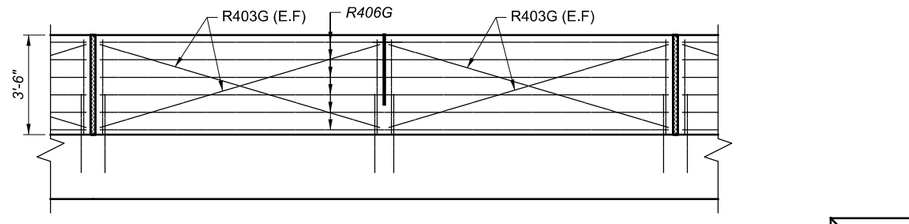
28'-4⅛" PANEL PLAN



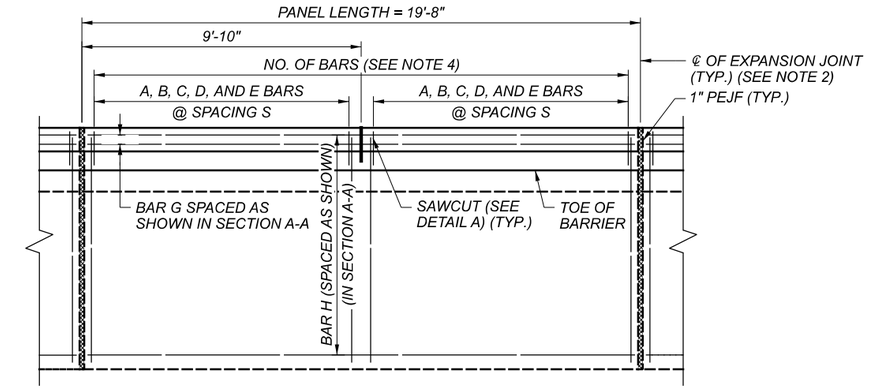
28'-4⅛" PANEL ELEVATION



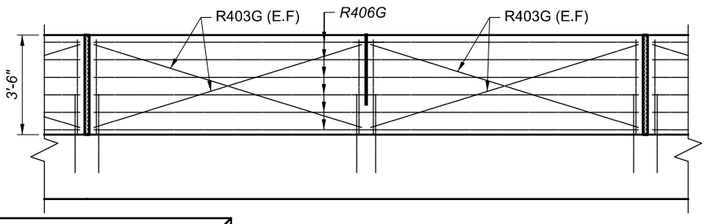
20'-6" PANEL PLAN



20'-6" PANEL ELEVATION



19'-8" PANEL PLAN



19'-8" PANEL ELEVATION

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

NOTES:

1. FOR PANEL REINFORCING STEEL TABLES, SEE SHEET 14 / 15.

BARRIER AND MOMENT SLAB DETAILS (2 OF 2)
WALL AD
ALONG RAMP A1

SFN N/A

DESIGN AGENCY HDR

DESIGNER	CHECKER
CMR	—

REVIEWER — —

PROJECT ID 82382

SUBSET	TOTAL
13	15

SHEET	TOTAL
999	2338

CUY-90-16.28 (CCG3A)

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WALL AD																					
PANEL NUMBER	PANEL LENGTH	A BARS			B BARS			C BARS			D BARS			E BARS			F BARS		G BARS		H BARS	
		NO.	MARK	SPACING "S"	NO.	MARK	SPACING "S"	NO.	MARK	SPACING "S"	NO.	MARK	SPACING "S"	NO.	MARK	SPACING "S"	NO.	MARK	NO.	MARK	NO.	MARK
1 - 11	30'-0"	33	B601	1'-0" MAX.	33	B602	1'-0" MAX.	63	B603	0'-6" MAX.	63	B604	0'-6" MAX.	33	B605	1'-0" MAX.	12	B401	11	B404	18	B501
12	28'-4 1/8"	30	B601	1'-0" MAX.	30	B602	1'-0" MAX.	60	B603	0'-6" MAX.	60	B604	0'-6" MAX.	30	B605	1'-0" MAX.	8	B402	11	B405	18	B502
13	30'-0"	33	B601	1'-0" MAX.	33	B602	1'-0" MAX.	63	B603	0'-6" MAX.	63	B604	0'-6" MAX.	33	B605	1'-0" MAX.	12	B401	11	B404	18	B501
14-15	20'-6"	22	B601	1'-0" MAX.	22	B602	1'-0" MAX.	42	B603	0'-6" MAX.	42	B604	0'-6" MAX.	22	B605	1'-0" MAX.	8	B403	11	B406	18	B503
16	19'-8 3/8"	22	B601	1'-0" MAX.	22	B602	1'-0" MAX.	42	B603	0'-6" MAX.	42	B604	0'-6" MAX.	22	B605	1'-0" MAX.	8	B403	11	B406	18	B503

MOMENT SLAB AND BARRIER PANEL REINFORCEMENT TABLES

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

NOTES:

1. FOR BAR LOCATIONS AND MOMENT SLAB DETAILS, SEE SHEETS 12 / 15 AND 13 / 15 .
2. FOR PANEL NUMBERS AND LOCATIONS, SEE SHEETS 8 / 15 AND 9 / 15 .
3. THE NUMBER OF BARS (NO.) LISTED IN THE TABLE IS PER PANEL.

BARRIER AND MOMENT SLAB REINFORCEMENT TABLES
WALL AD
ALONG RAMP A1

SFN N/A

DESIGN AGENCY

DESIGNER CMR | CHECKER —

REVIEWER — —

PROJECT ID 82382

SUBSET 14 | TOTAL 15

SHEET 1000 | TOTAL 2338

CUY-90-16.28 (CCG3A)

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MARK	NUMBER	LENGTH	MATERIAL	WEIGHT	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC.
WALL AD - CAST-IN-PLACE PORTION												
SUB-TOTAL						ITEM 509E10000, EPOXY COATED REINFORCING STEEL						

MARK	NUMBER	LENGTH	MATERIAL	WEIGHT OR LENGTH	TYPE	DIMENSIONS						
						A	B	C	D	E	R	INC.
WALL AD - MOMENT SLAB AND BARRIER												
SUB-TOTAL						ITEM 509E10000, EPOXY COATED REINFORCING STEEL						
SUB-TOTAL						ITEM 509E30020, NO. 4 GFRP DEFORMED BARS						

BAR BENDING DIAGRAMS

DETAILS ARE IMPACTED BY THE IMPLEMENTATION OF THE LIGHT WEIGHT FILL EMBANKMENT. STAGE 3 DESIGN CONTRACT MODIFICATION PENDING APPROVAL. DESIGN AND DETAILS TO BE FINALIZED WITH NEXT SUBMISSION.

NOTES:

1. FOR GENERAL NOTES, SEE SHEET 3/15.
2. THE LETTER PREFIX INDICATES BAR LOCATION. THE BAR SIZE NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT WHERE THREE DIGITS ARE USED, AND THE TWO DIGITS WHEN FOUR DIGITS ARE USED INDICATES BAR SIZE NUMBER. ALL REINFORCING IS ASSUMED EPOXY COATED UNLESS OTHERWISE INDICATED BY A LETTER SUFFIX. IF A LETTER SUFFIX IS PROVIDED, IT INDICATES BAR OR BAR COATING TYPE. EXAMPLE: W401G

   W: THE LOCATION OF THE BARS IN THE STRUCTURE (WALL)
   4: BAR SIZE DIMENSION NO. 4
   01: SEQUENCE NUMBER
   G: GFRP

   THE FOLLOWING IS A LIST OF BAR LOCATION PREFIXES:
   R: RAILING
   W: WALL

   THE FOLLOWING IS A LIST OF BAR MATERIAL SUFFIXES:
   G: GFRP
3. BAR DIMENSIONS ARE SHOWN OUT-TO-OUT UNLESS OTHERWISE NOTED. "STD." WRITTEN IN PLACE OF A DIMENSION INDICATES A STANDARD BAR BEND AT THE END OF THE BAR. STRAIGHT BARS ARE INDICATED BY "STR."
4. BAR MATERIAL:

   "STL" = GRADE 60 STEEL
   "GFRP" = GLASS FIBER REINFORCED POLYMER

REINFORCING SCHEDULE
WALL AD
ALONG RAMP A1

SFN N/A

DESIGN AGENCY

DESIGNER CMR | CHECKER —

REVIEWER — —

PROJECT ID 82382

SUBSET 15 | TOTAL 15

SHEET 1001 | TOTAL 2338

CUY-90-16.28 (CCG3A)

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