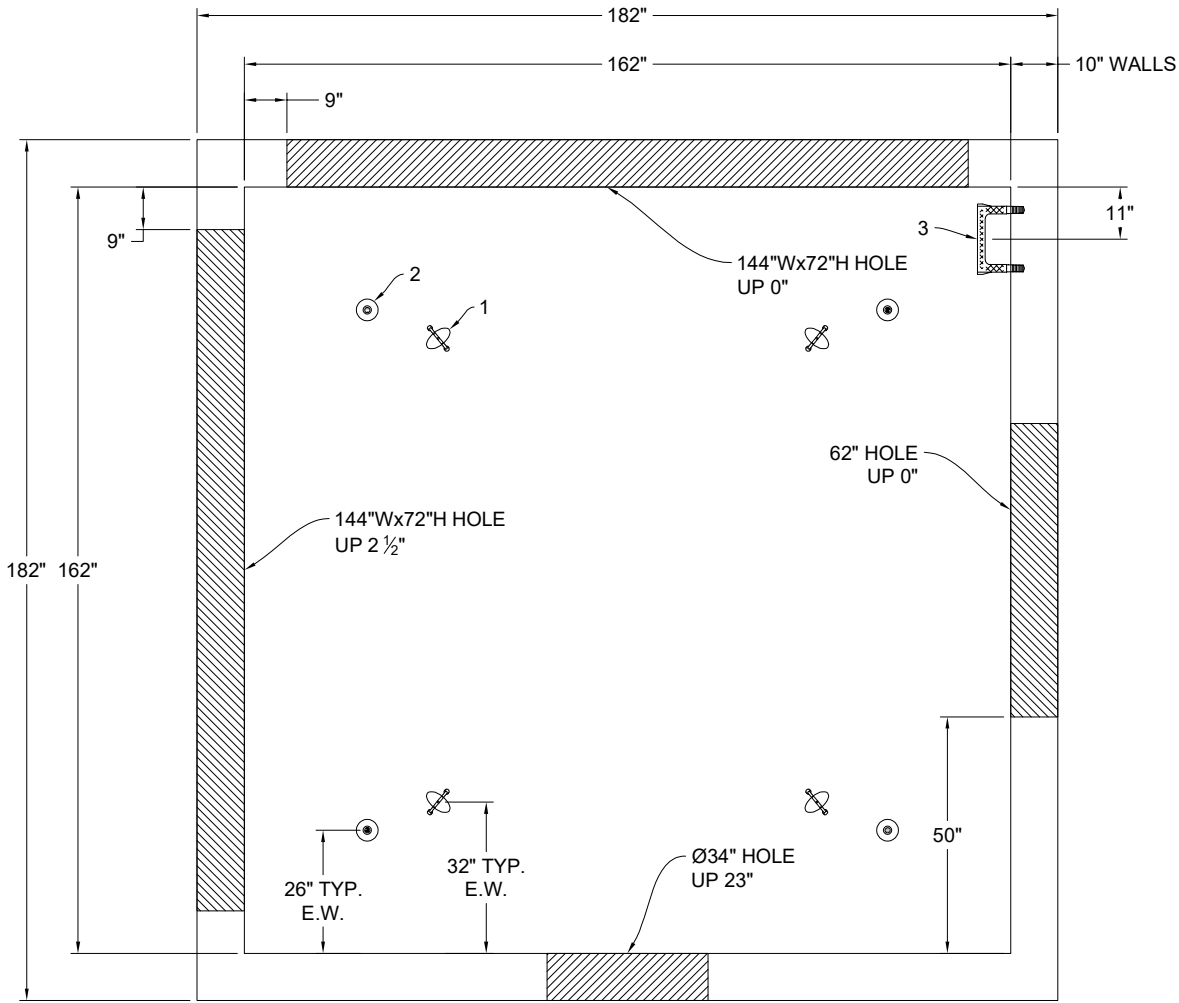
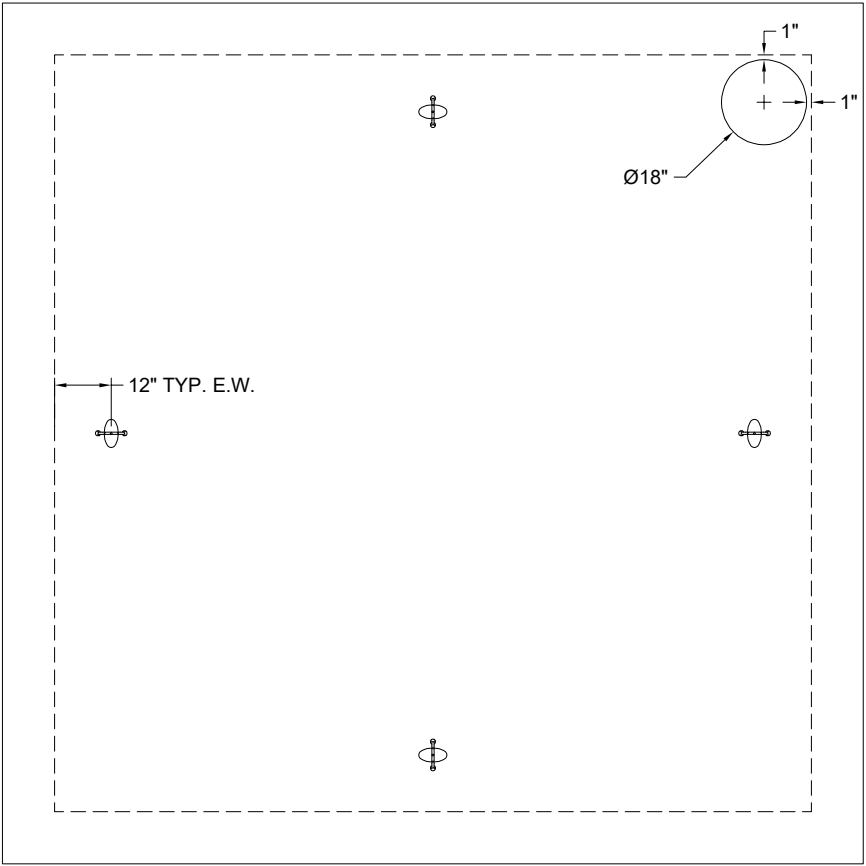


ELEVATION VIEW

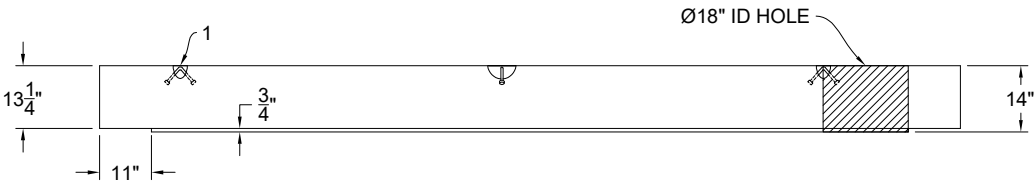


PLAN VIEW

13'-6"x13'-6" TYPE I MH-05



LID - PLAN VIEW



LID - PROFILE VIEW

QC CHECKLIST

Pre Pour	Form Condition		Post Pour	Strip Stength	
	Form Oil			Finish/Surface	
	Dimensions			Dimensions	
	Holes/Inserts			Crack/Spall/Honeycomb	
	Reinforcing			Holes/Inserts	
	Lifters			Lifters	
	Assembler			Finisher	
	Tech			Tech	



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CUSTOMER:
AMERICAN WEST

PROJECT/PROJECT NUMBER:
BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093

STRUCTURE ID:
MH-05

PROJECT MANAGER:
EG

RIM ELEVATION:
5360.58'

INVERT OUT ELEVATION:
(48" RCP) 5351.90' (E)

INVERT OUT ELEVATION:
(4'x10' RCBC) 5351.90' (N)

INVERT IN ELEVATION:
(24" RCP) 5353.82' (S)

INVERT IN ELEVATION:
(4'x10' RCBC) 5352.10' (W)

INVERT IN ELEVATION:
(-)-

RIM TO INVERT:
8.68'

OVERALL HEIGHT:
125 1/4"

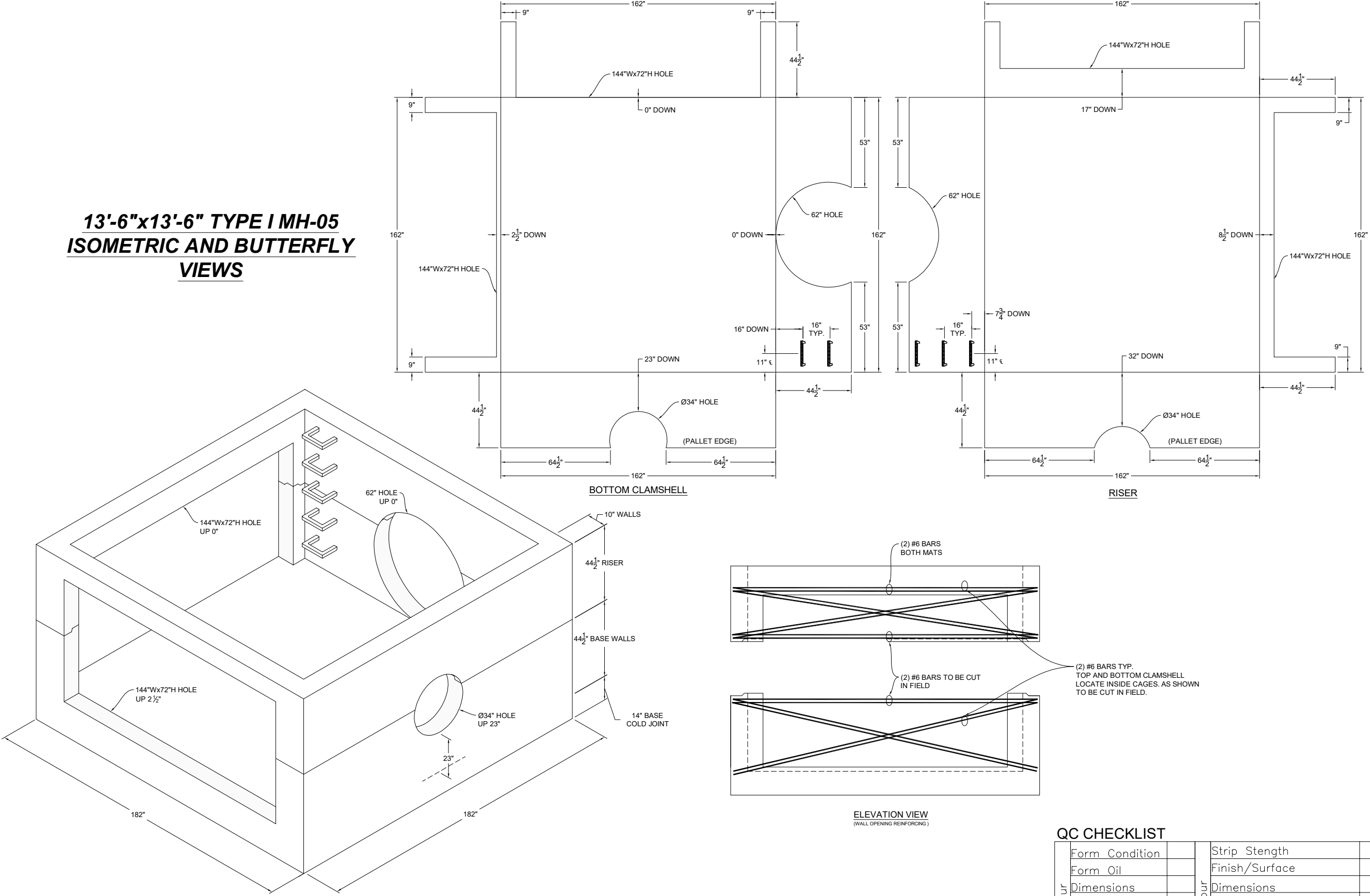
SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	39,215	9.80
RISER	12,556	3.14
BOTTOM	39,870	9.97
TOTAL	108,443	27.11

Type I/L cement with fly ash.
5000 psi concrete at 28 days.

#	QTY	U/M	DESCRIPTION
1	12	EA	LUA88G LIFT ANCHOR
2	4	EA	8T 6-3/4" LIFT PIN
3	6	EA	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&C
5	-	EA	-
6	-	EA	-
7	-	EA	-
8	-	EA	-
9	-	EA	-

PRODUCTION REVISION		
BY: --- DATE: -/-/- #:		
DRAWN BY: OJV	CHECKED BY: -	DATE DRAWN: 5/13/25
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13'-6"x13'-6" TYPE I MH-05
ISOMETRIC AND BUTTERFLY
VIEWS



CONTRACTOR IS TO VERIFY THAT ALL INFORMATION SHOWN ON THE DRAWINGS HAS BEEN CHECKED, COMPLIES WITH THE CONTRACT DOCUMENTS, AND IS ADEQUATE TO MEET THE FIELD CONDITIONS. LINDSAY PRECAST ACCEPTS NO RESPONSIBILITY FOR ERRORS OR OMISSIONS AFTER RECEIPT OF APPROVED DRAWING.

CUSTOMER:
AMERICAN WEST

PROJECT/PROJECT NUMBER:
BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093

STRUCTURE ID:
MH-05

PROJECT MANAGER:
EG

RIM ELEVATION:
5360.58'

INVERT OUT ELEVATION:
(48" RCP) 5351.90' (E)

INVERT OUT ELEVATION:
(4'x10' RCBC) 5351.90' (N)

INVERT IN ELEVATION:
(24" RCP) 5353.82' (S)

INVERT IN ELEVATION:
(4'x10' RCBC) 5352.10' (W)

INVERT IN ELEVATION:
(-)-

RIM TO INVERT:
8.68'

OVERALL HEIGHT:
125 1/4"

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	39,215	9.80
RISER	12,556	3.14
BOTTOM	39,870	9.97
TOTAL	108,443	27.11

Type I/L cement with fly ash.
5000 psi concrete at 28 days.

#	QTY	U/M	DESCRIPTION
1	12	EA	LUA88G LIFT ANCHOR
2	4	EA	8T 6-3/4" LIFT PIN
3	6	EA	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&C
5	-	EA	-
6	-	EA	-
7	-	EA	-
8	-	EA	-
9	-	EA	-

QC CHECKLIST

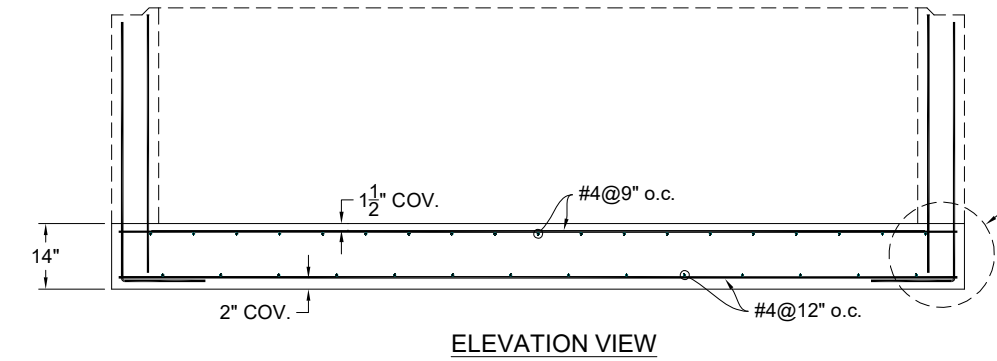
Pre Pour	Form Condition		Post Pour	Strip Stength	
	Form Oil			Finish/Surface	
	Dimensions			Dimensions	
	Holes/Inserts			Crack/Spall/Honeycomb	
	Reinforcing			Holes/Inserts	
	Lifters			Lifters	
	Assembler			Finisher	
	Tech			Tech	

PRODUCTION REVISION

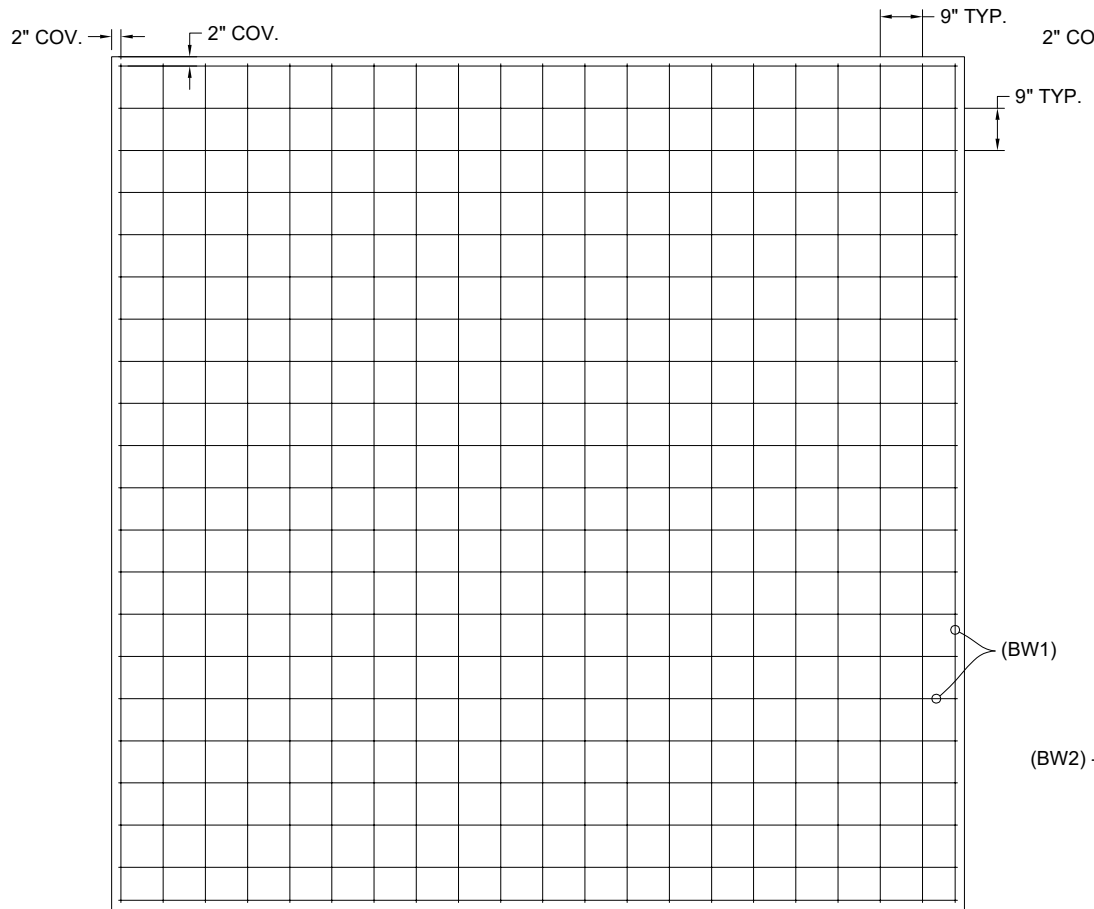
BY: --- DATE: -/-/- #:

DRAWN BY: OJV	CHECKED BY: -	DATE DRAWN: 5/13/25
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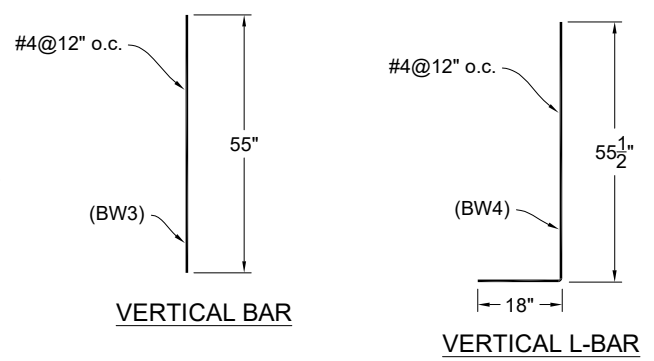
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ELEVATION VIEW

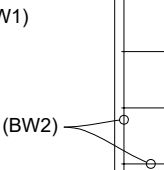


BASE TOP MAT - PLAN VIEW



VERTICAL BAR

VERTICAL L-BAR



BASE BOTTOM MAT - PLAN VIEW

13'-6"x13'-6" TYPE I MH-05 BASE REBAR

REINFORCING GRADE 60 BLACK REBAR					
Size	Mark	Total number	Cutting length [in]	Grade	Note
#4	BW1	43	179	#60	TOP MAT BARS
#4	BW2	32	179	#60	BOTTOM MAT BARS
#4	BW3	33	55	#60	INSIDE VERTICAL BARS
#4	BW4	35	73	#60	OUTSIDE VERICAL L-BARS
Total mass = 992 lb					

TRIM OPENINGS WITH DIAGONAL #4 BARS, EXTEND BARS MINIMUM 12" BEYOND OPENINGS, BEND AS REQUIRED TO MAINTAIN BAR CAR



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CUSTOMER:
AMERICAN WEST

PROJECT/PROJECT NUMBER:

BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093

STRUCTURE ID:
MH-05

PROJECT MANAGER:
EG

RIM ELEVATION:
5360.58'

INVERT OUT ELEVATION:
(48" RCP) 5351.90' (E)

INVERT OUT ELEVATION:
(4'x10' RCBC) 5351.90' (N)

INVERT IN ELEVATION:
(24" RCP) 5353.82' (S)

INVERT IN ELEVATION:
(4'x10' RCBC) 5352.10' (W)

INVERT IN ELEVATION:
(-)-

RIM TO INVERT:
8.68'

OVERALL HEIGHT:
125 1/4"

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	39,215	9.80
RISER	12,556	3.14
BOTTOM	39,870	9.97
TOTAL	108,443	27.11

Type I/L cement with fly ash.
5000 psi concrete at 28 days.

#	QTY	U/M	DESCRIPTION
1	12	EA	LUA88G LIFT ANCHOR
2	4	EA	8T 6-3/4" LIFT PIN
3	6	EA	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&C
5	-	EA	-
6	-	EA	-
7	-	EA	-
8	-	EA	-
9	-	EA	-

QC CHECKLIST

Pre Pour	Form Condition		Post Pour	Strip Stength	
	Form Oil			Finish/Surface	
	Dimensions			Dimensions	
	Holes/Inserts			Crack/Spall/Honeycomb	
	Reinforcing			Holes/Inserts	
	Lifters			Lifters	
	Assembler			Finisher	
	Tech			Tech	

PRODUCTION REVISION

BY:--- DATE:--/--/-- #:△

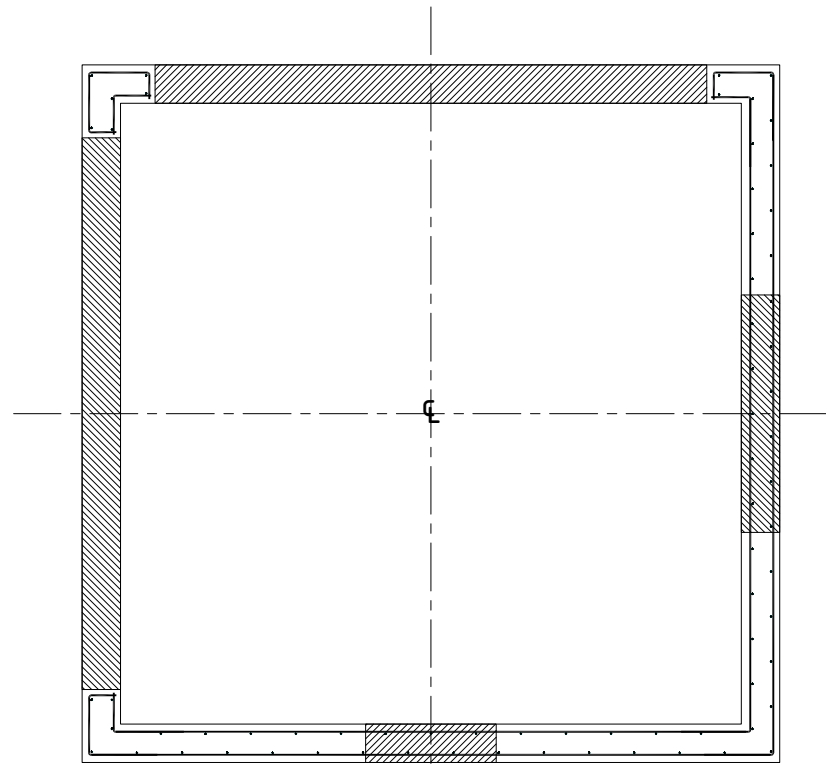
DRAWN BY:
OJV

CHECKED BY:
-

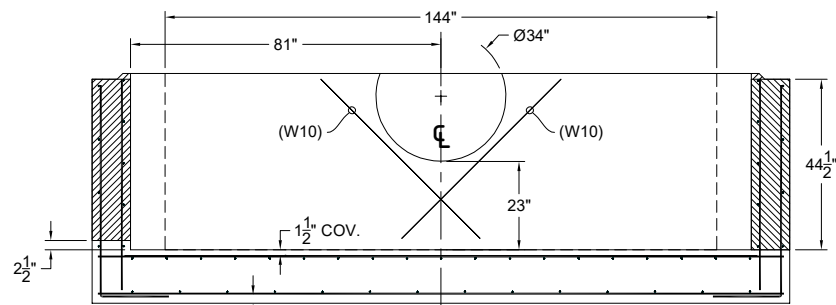
DATE DRAWN:
5/13/25

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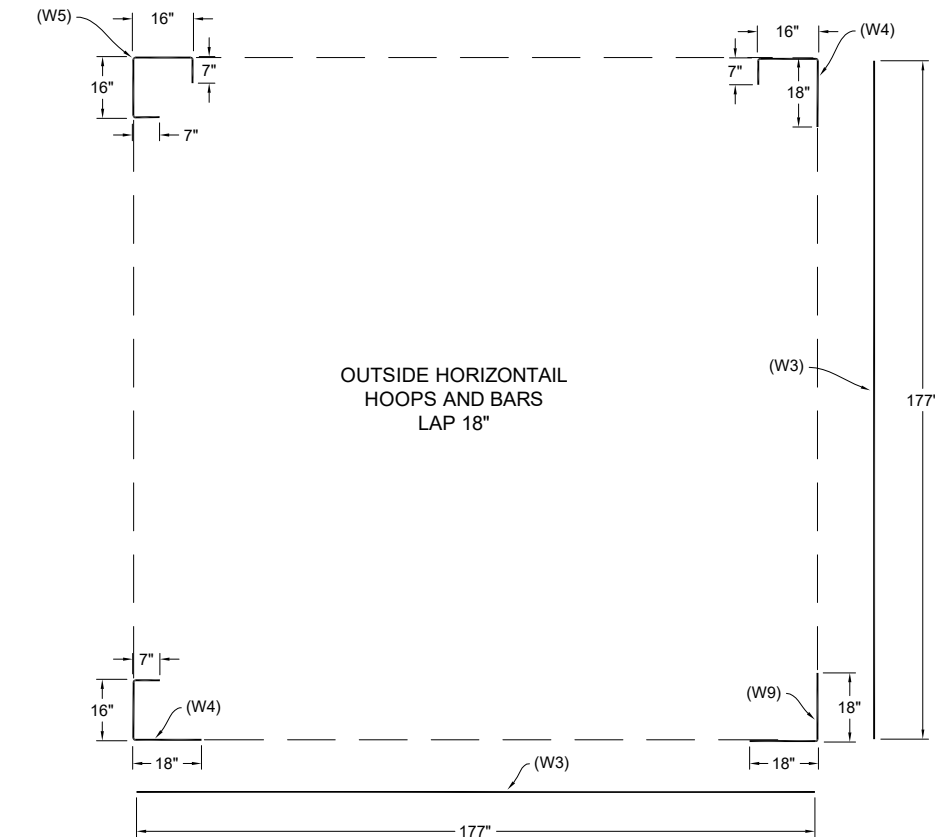
NPCA
CERTIFIED PLANT



PLAN VIEW

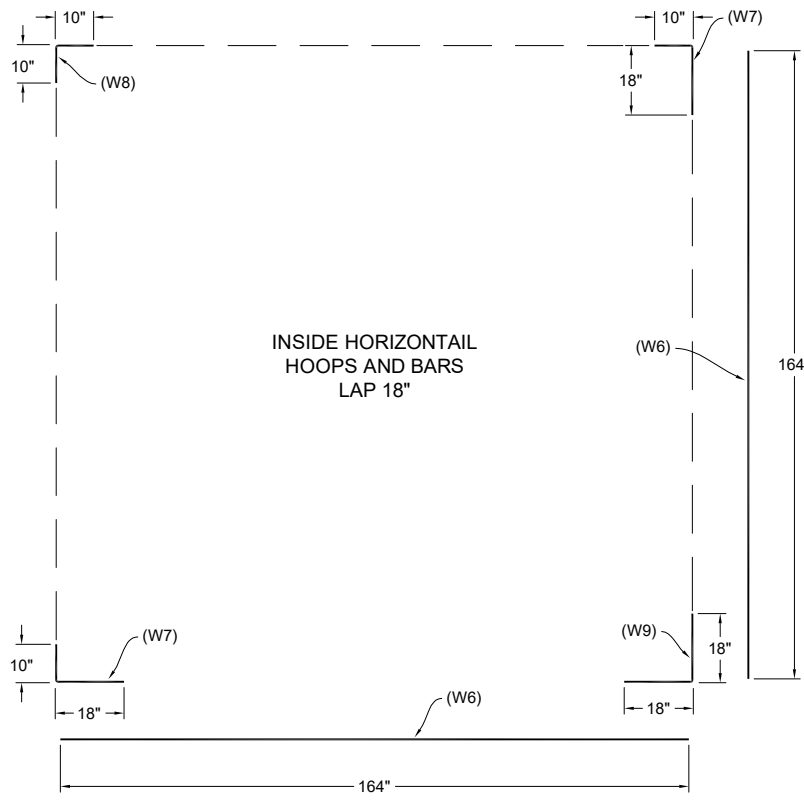


ELEVATION VIEW



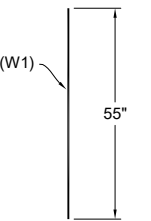
OUTSIDE HORIZONTAL
HOOPS AND BARS
LAP 18"

HORIZONTAL BAR

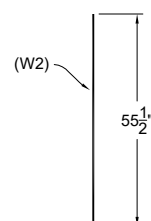


INSIDE HORIZONTAL
HOOPS AND BARS
LAP 18"

HORIZONTAL BAR



VERTICAL BAR



VERTICAL L-BAR

REINFORCING GRADE 60 BLACK REBAR

Size	Mark	Total number	Cutting length [in]	Grade	Note
#4	(W1)	33	55	#60	INSIDE VERTICAL BARS
#4	(W2)	60	73	#60	OUTSIDE VERICAL L-BARS
#4	(W3)	8	177	#60	HORIZONTAL BAR
#4	(W4)	8	41	#60	L-BARS
#4	(W5)	4	46	#60	L-BARS
#4	(W6)	10	164	#60	INSIDE HORIZ. BAR
#4	(W7)	10	28	#60	INSIDE L-BAR
#4	(W8)	5	20	#60	L-BARS
#4	(W9)	9	36	#60	L-BARS
#4	(W10)	2	59	#60	TRIM BARS
Total mass = 591 lb					

13'-6"x13'-6" TYPE I MH-05 WALL REBAR

TRIM OPENINGS WITH DIAGONAL #4 BARS, EXTEND
BARS MINIMUM 12" BEYOND OPENINGS, BEND AS
REQUIRED TO MAINTAIN BAR CAR

QC CHECKLIST

Pre Pour	Form Condition		Post Pour	Strip Stength	
	Form Oil			Finish/Surface	
	Dimensions			Dimensions	
	Holes/Inserts			Crack/Spall/Honeycomb	
	Reinforcing			Holes/Inserts	
	Lifters			Lifters	
	Assembler			Finisher	
	Tech			Tech	



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OR OMISSIONS AFTER RECEIPT OF APPROVED DRAWING.

CUSTOMER:
AMERICAN WEST

PROJECT/PROJECT NUMBER:
BROOMFIELD HEIGHTS STORM AND
PED IMPROVEMENTS 24-2093

STRUCTURE ID:
MH-05

PROJECT MANAGER:
EG

RIM ELEVATION:
5360.58'

INVERT OUT ELEVATION:
(48" RCP) 5351.90' (E)

INVERT OUT ELEVATION:
(4'x10' RCBC) 5351.90' (N)

INVERT IN ELEVATION:
(24" RCP) 5353.82' (S)

INVERT IN ELEVATION:
(4'x10' RCBC) 5352.10' (W)

INVERT IN ELEVATION:
(-)-

RIM TO INVERT:
8.68'

OVERALL HEIGHT:
125 1/4"

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	39,215	9.80
RISER	12,556	3.14
BOTTOM	39,870	9.97
TOTAL	108,443	27.11

Type I/L cement with fly ash.
5000 psi concrete at 28 days.

#	QTY	U/M	DESCRIPTION
1	12	EA	LUA88G LIFT ANCHOR
2	4	EA	8T 6-3/4" LIFT PIN
3	6	EA	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&C
5	-	EA	-
6	-	EA	-
7	-	EA	-
8	-	EA	-
9	-	EA	-

PRODUCTION REVISION

BY: --- DATE: -/-/- #:

DRAWN BY:
OJV

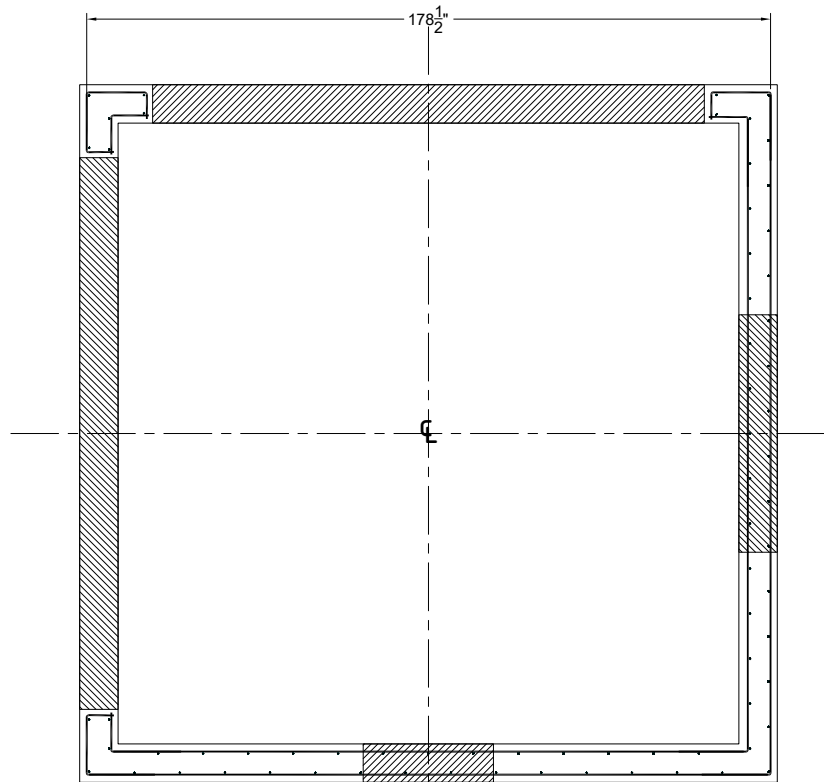
CHECKED BY:
-

DATE DRAWN:
5/13/25

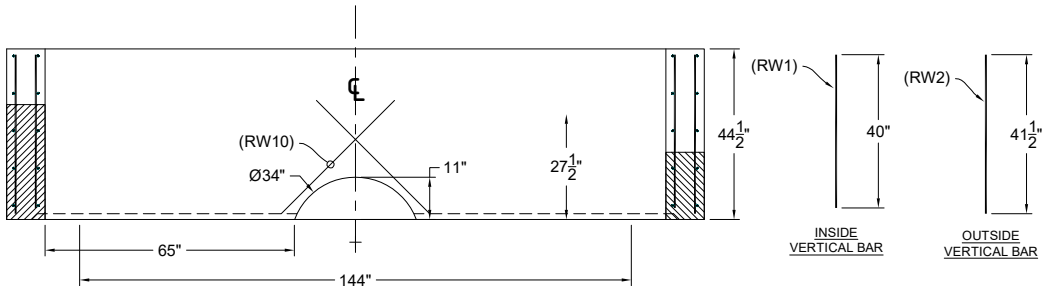
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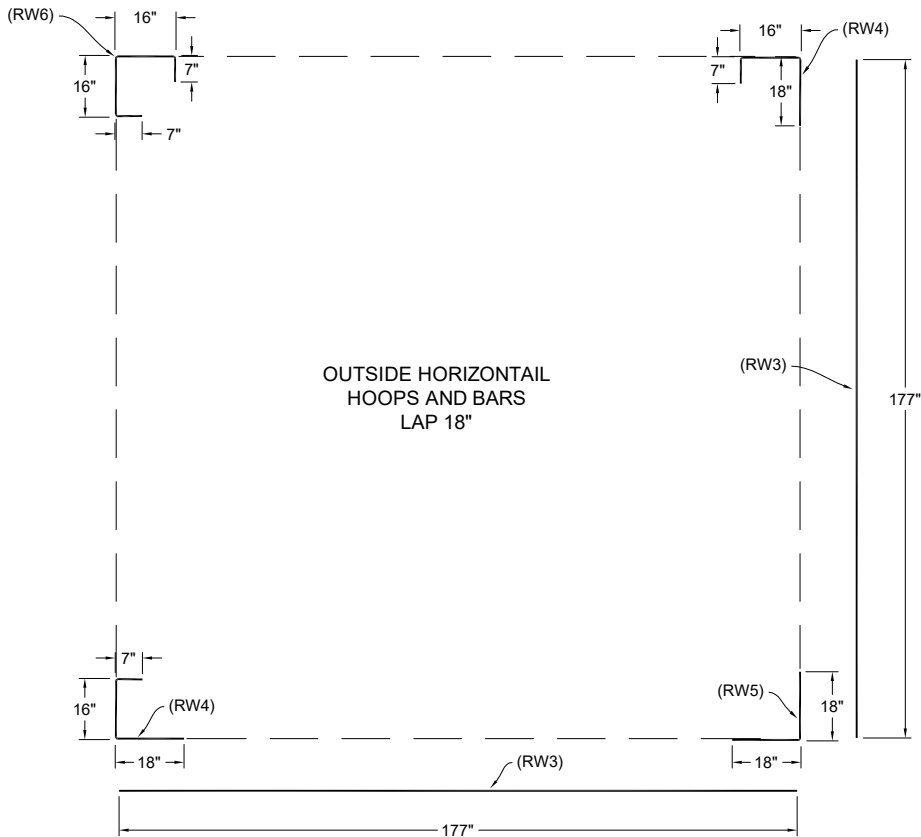
13'-6"x13'-6" TYPE I MH-05
RISER REBAR



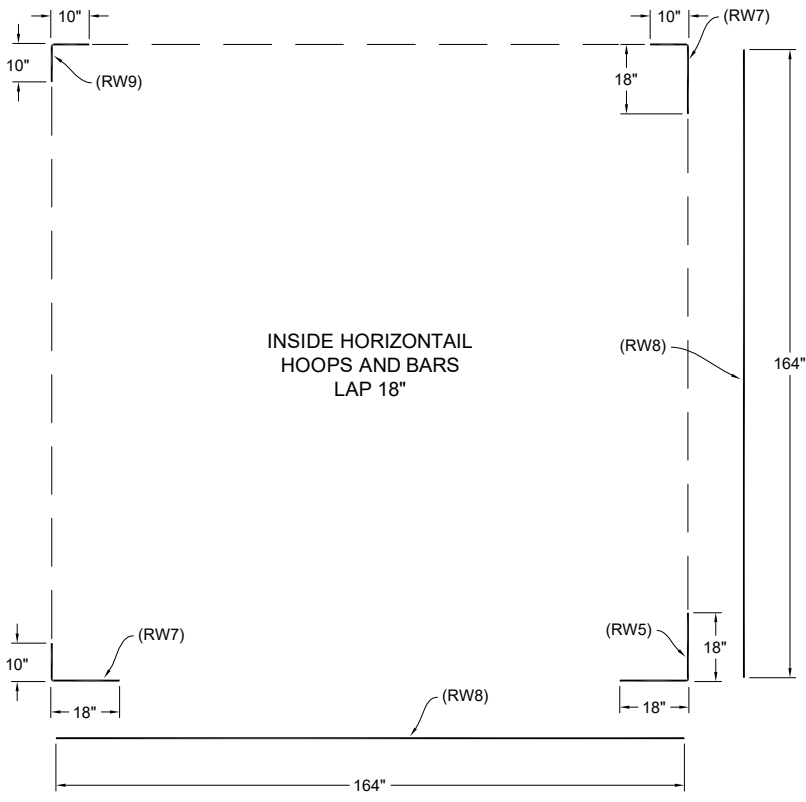
PLAN VIEW



RISER - ELEVATION VIEW



HORIZONTAL BAR



HORIZONTAL BAR

REINFORCING GRADE 60 BLACK REBAR

Size	Mark	Total number	Cutting length [in]	Grade	Note
#4	(RW1)	33	40	#60	INSIDE VERTICAL BAR
#4	(RW2)	60	41	#60	OUTSIDE VERTICAL BAR
#4	(RW3)	10	177	#60	OUTSIDE HORIZ. BAR
#4	(RW4)	10	41	#60	CORNER BAR
#4	(RW5)	5	36	#60	L-BAR
#4	(RW6)	5	46	#60	CORNER BAR
#4	(RW7)	1	28	#60	INSIDE CORNER BAR
#4	(RW8)	10	164	#60	INSIDE HORIZ. BAR
#4	(RW9)	5	20	#60	INSIDE CORNER BAR
#4	(RW10)	2	42	#60	TRIM BAR

Total mass = 460 lb

TRIM OPENINGS WITH DIAGONAL #4 BARS, EXTEND BARS MINIMUM 12" BEYOND OPENINGS, BEND AS REQUIRED TO MAINTAIN BAR CAR

QC CHECKLIST

Pre Pour	Form Condition		Post Pour	Strip Stength	
	Form Oil			Finish/Surface	
	Dimensions			Dimensions	
	Holes/Inserts			Crack/Spall/Honeycomb	
	Reinforcing			Holes/Inserts	
	Lifters			Lifters	
	Assembler			Finisher	
	Tech			Tech	



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CUSTOMER:
AMERICAN WEST

PROJECT/PROJECT NUMBER:

BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093

STRUCTURE ID:
MH-05

PROJECT MANAGER:
EG

RIM ELEVATION:
5360.58'

INVERT OUT ELEVATION:
(48" RCP) 5351.90' (E)

INVERT OUT ELEVATION:
(4'x10' RCBC) 5351.90' (N)

INVERT IN ELEVATION:
(24" RCP) 5353.82' (S)

INVERT IN ELEVATION:
(4'x10' RCBC) 5352.10' (W)

INVERT IN ELEVATION:
(-)-

RIM TO INVERT:
8.68'

OVERALL HEIGHT:
125 1/4"

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	39,215	9.80
RISER	12,556	3.14
BOTTOM	39,870	9.97
TOTAL	108,443	27.11

Type I/L cement with fly ash.
5000 psi concrete at 28 days.

#	QTY	U/M	DESCRIPTION
1	12	EA	LUA88G LIFT ANCHOR
2	4	EA	8T 6-3/4" LIFT PIN
3	6	EA	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&C
5	-	EA	-
6	-	EA	-
7	-	EA	-
8	-	EA	-
9	-	EA	-

PRODUCTION REVISION

BY:--- DATE:--/--/-- #:△

DRAWN BY: OJV
CHECKED BY: -
DATE DRAWN: 5/13/25


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PROJECT/PROJECT NUMBER:

OVERALL HEIGHT:
125 1/4"

Type I/L cement with fly ash.
5000 psi concrete at 28 days

PRODUCTION REVISION BY: --- DATE: --/--/-- #: <u> 1 </u>		
DRAWN BY: OJV	CHECKED BY: —	DATE DRAWN: 5/13/25
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Pre Pour	Form Condition		Post Pour	Strip Stength	
	Form Oil			Finish/Surface	
	Dimensions			Dimensions	
	Holes/Inserts			Crack/Spall/Honeycomb	
	Reinforcing			Holes/Inserts	
	Lifters			Lifters	
	Assembler			Finisher	
	Tech			Tech	