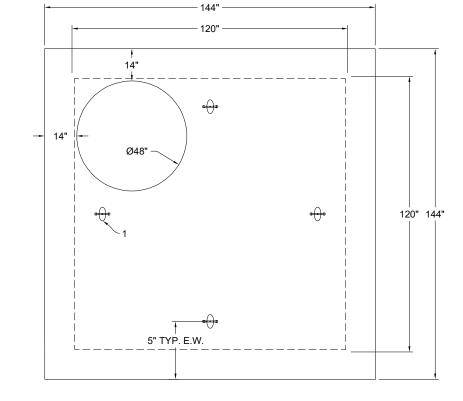


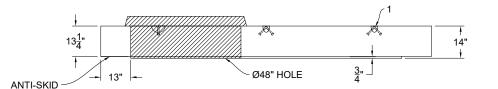
# - 12" WALLS — 25" — 12" | TYP. • $\otimes$ 104"Wx56"H -~ 112"Wx78"H UP 2 ½" SKEWED HOLE 120" 144" $\aleph$ • ● 30" TYP' E.W. 18" TYP. E.W.

PLAN VIEW

# 10'x10' TYPE I MH-25



### LID - PLAN VIEW



#### LID - PROFILE VIEW

	Form Condition		Strip Stength	Ì
	Form Oil		Finish/Surface	F
1	Dimensions		Dimensions	DF
	PHoles/Inserts	] Q	Crack/Spall/Honeycomb	
و	Reinforcing	st	Holes/Inserts	
۵	Lifters	J.	Lifters	RE
	Assembler		Finisher	Ì
	Tech		Tech	l

QC CHECKLIST



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

CUSTOMER:	
AMERICAN	WEST

PROJECT/PROJECT NUMBER:

BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093

STRUCTURE ID: MH-25

PROJECT MANAGER:

EG

RIM ELEVATION: 5393.59

INVERT OUT ELEVATION: (60" RCP) 5378.96' (SE)

INVERT IN ELEVATION:

(18" RCP) 5388.96' (SW)

INVERT IN ELEVATION:
(3'x7' RCBC) 5379.16' (W)

INVERT IN ELEVATION:

invert in Elevation: (-)-

RIM TO INVERT: 14.43

OVERALL HEIGHT: 197 1/4"

SECTION WEIGHT(LBS) VOLUME(CY) 8.55 22,717

RISER 19,092 4.77 BOTTOM 42,282 10.57

81,309 20.33 TOTAL

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

#	QTY	U/M	DESCRIPTION
1	15	EA	LUA66G LIFT ANCHOR
2	10	EA	8T 6-3/4" LIFT PIN
3	11	EA	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&C
5	_	EA	_
6	_	EA	_
7	_	EA	_
8	_	EA	_
9	_	EA	_

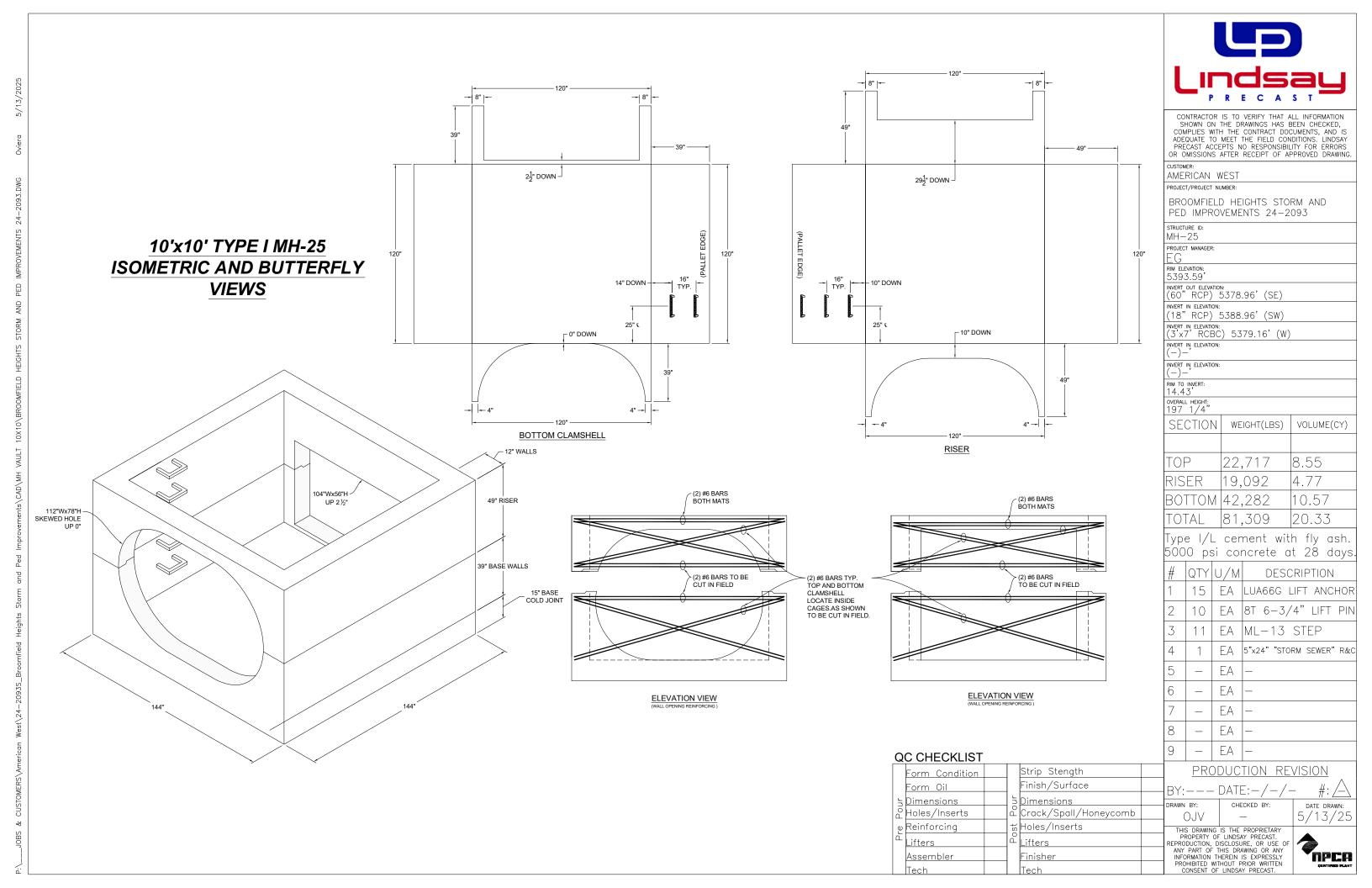
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DATE DRAWN: OJV 5/13/25

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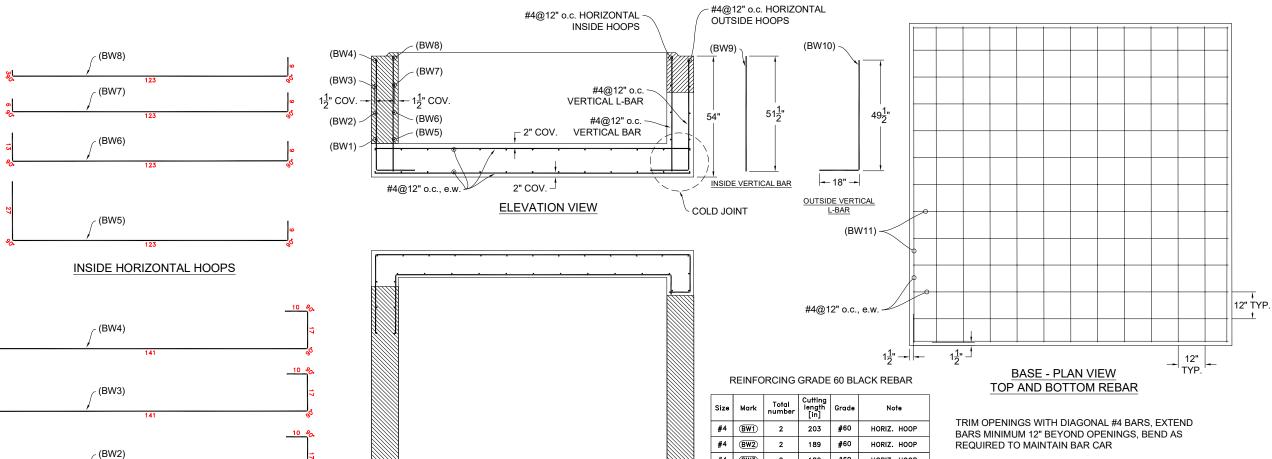




- (BW1)

**OUTSIDE HORIZONTAL HOOPS** 





#4@12" o.c.

#4@12" o.c.

- #4@12" o.c. INSIDE

#4@12" o.c. OUTSIDE

HORIZONTAL HOOPS

HORIZONTAL HOOPS

**PLAN VIEW** 

#4 BW3

#4 BW5

#4 BW6

#4 BW7

#4 BW8

#4 BW9

#4 BW10

#4 (BW11)

182 #60

179

159

146

138 #60

135

52

68

141

Total mass = 781 lb

30

37

52

#60

#60

#60

#60

#60

HORIZ. HOOP

HORIZ. HOOP

HORIZ. HOOP

HORIZ. HOOP

HORIZ. HOOP

VERTICAL BARS

BASE BAR

#60 VERTICAL L-BARS

## OC CHECKLIST

G	C CHECKLIST				- 1	
	Form Condition			Strip Stength		
	Form Oil			Finish/Surface		RY
1	Dimensions			Dimensions		DRAW
	Holes/Inserts			Crack/Spall/Honeycomb		5.0.0
	Reinforcing			Holes/Inserts		TI
	Lifters		١٩	Lifters		REPF
	Assembler			Finisher		AN IN
	Tech			Tech		PF



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CUSTOMER: AMERICAN WEST
PROJECT/PROJECT NUMBER:
BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093
STRUCTURE ID: MH-25
project manager: EG
rim elevation: 5393.59'

INVERT OUT ELEVATION: (60" RCP) 5378.96' (SE) INVERT IN ELEVATION: (18" RCP) 5388.96' (SW)

INVERT IN ELEVATION: (3'x7' RCBC) 5379.16' (W)

INVERT IN ELEVATION:

INVERT IN ELEVATION:

RIM TO INVERT: 14.43 OVERALL HEIGHT:

10, 1, 1		
SECTION	WEIGHT(LBS)	VOLUME(CY)
TOP	22,717	8.55
RISER	19,092	4.77
воттом	42,282	10.57
TOTAL	81,309	20.33

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

		o pa	SI COI	icrete at 20 days
	#	QTY	U/M	DESCRIPTION
	1	15	EΑ	LUA66G LIFT ANCHOF
	2	10	EA	8T 6-3/4" LIFT PIN
	3	11	EA	ML-13 STEP
	4	1	EA	5"x24" "STORM SEWER" R&
Ī	5	_	EA	_
Ī	6	-	EA	_
	7	_	EA	_
Ī	8	-	EA	_
	9	_	EΑ	_

		PRODUCTION	REVISION	
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Y:--- DATE:-/-/ DATE DRAWN:

CHECKED BY: 5/13/25 OJV

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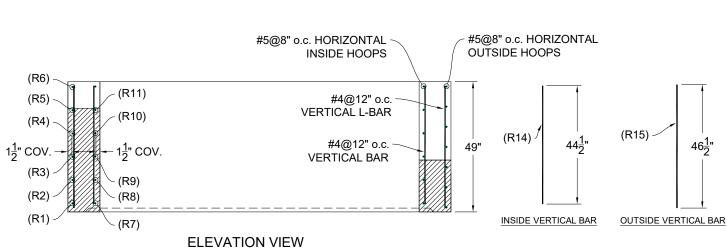
# 10'x10' TYPE I MH-26 RISER REBAR

#5@8" o.c. INSIDE HORIZONTAL HOOPS

**PLAN VIEW** 

#5@8" o.c. OUTSIDE

HORIZONTAL HOOPS



#4@12" o.c.

#4@12" o.c.

## REINFORCING GRADE 60 BLACK REBAR

Size	Mark	Total number	Cutting length [in]	Grade	Note
#5	R1	2	206	#60	HORIZ. HOOP
#5	R2	2	192	#60	HORIZ. HOOP
#5	R3	2	187	#60	HORIZ. HOOP
#5	R4	2	174	#60	HORIZ. HOOP
#5	R5	2	174	#60	HORIZ. HOOP
#5	R6	2	179	#60	HORIZ. HOOP
#5	<b>R7</b>	2	162	#60	HORIZ. HOOP
#5	R8	1	149	#60	
#5	R9	2	142	#60	HORIZ. HOOP
#5	(R10)	2	139	#60	HORIZ. HOOP
#5	(R11)	2	139	#60	HORIZ. HOOP
#5	R12	2	162	#60	HORIZ. HOOP
#5	R13	4	139	#60	HORIZ. BAR
#4	R14)	36	44	#60	OUTSIDE VERTICAL BAR
#4	(R15)	30	46	#60	INSIDE VERTICAL BAR
<u> </u>		T-	l otal mas	s = 55	l 1 lb

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

# QC CHECKLIST

	w					
		Form Condition			Strip Stength	
		Form Oil			Finish/Surface	RY
	=	Dimensions		ı	Dimensions	DRAW
	9	Holes/Inserts		Ро	Crack/Spall/Honeycomb	510.00
	Įψ	Reinforcing		st	Holes/Inserts	TH
٩		Lifters	3		Lifters	REPR
		Assembler			Finisher	AN' INF
		Tech			Tech	PR



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PROJECT/PROJECT NUMBER:
BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093
STRUCTURE ID: MH - 25

EG rim elevation: 5393.59'

AMERICAN WEST

INVERT OUT ELEVATION: (60" RCP) 5378.96' (SE)

INVERT IN ELEVATION: (18" RCP) 5388.96' (SW)

INVERT IN ELEVATION:
(3'x7' RCBC) 5379.16' (W)
INVERT IN ELEVATION:

(-)-'

PROJECT MANAGER:

(-)-RIM TO INVERT: 14.43'

OVERALL HEIGHT; 197 1/4" SECTION WEIGHT(LBS)

TOP 22,717 8.55 RISER 19,092 4.77 BOTTOM 42,282 10.57 TOTAL 81,309 20.33

VOLUME(CY)

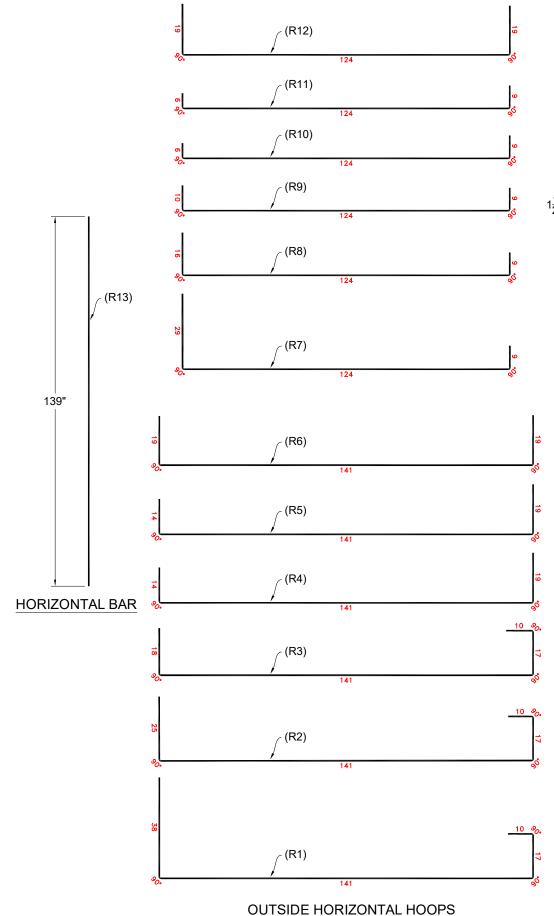
Type I/L cement with fly ash. 5000 psi concrete at 28 days.

			<del>-</del> -
#	QTY	U/M	DESCRIPTION
1	15	EΑ	LUA66G LIFT ANCHOR
2	10	EA	8T 6-3/4" LIFT PIN
3	11	EΑ	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&C
5	_	EΑ	_
6	-	EΑ	_
7	_	EΑ	_
8	-	EΑ	_
9	_	EΑ	_

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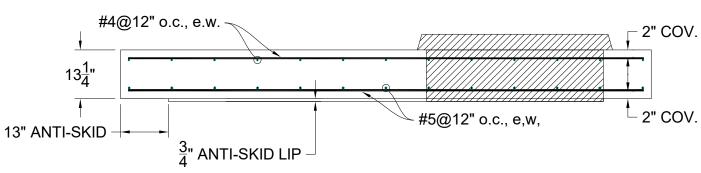




- 2" COV.

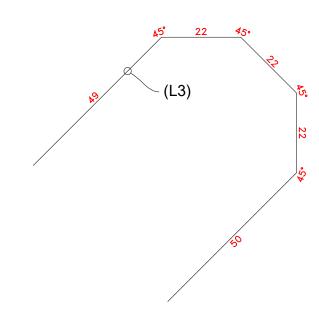
# #4@12" o.c. MAX. SPA. TOP #5@12" o.c. MAX. SPA. BOTTOM (L3) (L4) #4@12" o.c. MAX. SPA. TOP #5@12" o.c. MAX. SPA. BOTTOM Ø48" (L1) TOP **BARS** (L2) **BOTTOM** BARS 2" COV.

# LID - PLAN VIEW



LID - PROFILE VIEW

# 10'x10' TYPE I MH-26 LID REBAR



# REINFORCING GRADE 60 BLACK REBAR

Size	Mark	Total number	Cutting length [in]	Grade	Note			
#4	<b>L1</b>	36	140	#60	TOP BARS			
<b>#</b> 5	(L2)	36	140	#60	BOTTOM BARS			
#4	(L3)	1	164	#60	BENT TRIM BAR			
#4	<b>L4</b> )	1	77	#60	TRIM BAR			
		Total mass = 733 lb						

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

### QC CHECKLIST

ır	Form Condition		Pour	Strip Stength		
	Form Oil			Finish/Surface		
	Dimensions			Dimensions		ŀ
Pol	Holes/Inserts			Crack/Spall/Honeycomb		ľ
Pre	Reinforcing			Holes/Inserts		ŀ
	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-25

PROJECT MANAGER:

EG

RIM ELEVATION: 5393.59 INVERT OUT ELEVATION: (60" RCP) 5378.96' (SE)

INVERT IN ELEVATION:

(18" RCP) 5388.96' (SW)

INVERT IN ELEVATION: (3'x7' RCBC) 5379.16' (W)

INVERT IN ELEVATION:

INVERT IN ELEVATION:

TOTAL

OVERALL HEIGHT: 197 1/4" SECTION | WEIGHT(LBS)

TOP 22,717 8.55 19,092 4.77

VOLUME(CY)

RISER BOTTOM 42,282 10.57 81,309 20.33

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

DESCRIPTION EA LUA66G LIFT ANCHOR 10 EA 8T 6-3/4" LIFT PIN EA ML-13 STEP 5"x24" "STORM SEWER" R&C EΑ EΑ EΑ

EΑ EΑ

EΑ

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5/13/25 OJV

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