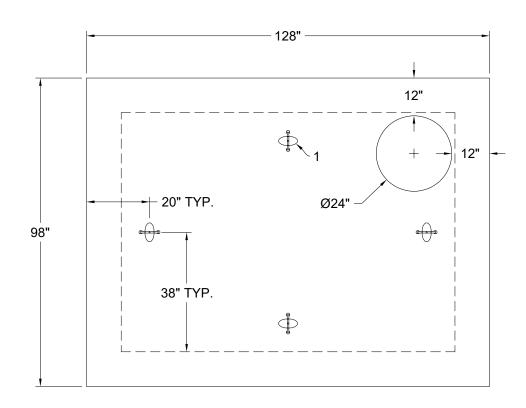
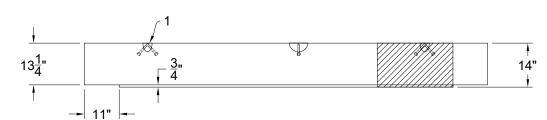


# 9'-0"x6'-6" TYPE I MH-19



# LID - PLAN VIEW



LID - PROFILE VIEW

#### QC CHECKLIST

_				_
	Form Condition		Strip Stength	
	Form Oil		Finish/Surface	ļ
_	Dimensions	'n	Dimensions	D
P	Holes/Inserts	9	Crack/Spall/Honeycomb	
هِ ا	Reinforcing	st	Holes/Inserts	H
۵	Lifters	٦ ا	Lifters	R
	Assembler		Finisher	
	Table		Table	i



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-19

PROJECT MANAGER: EG

RIM ELEVATION: 5378.19

INVERT OUT ELEVATION: (53"x83" HERCP) 5370.45' (E)

INVERT IN ELEVATION:

(30" RCP) 5371.01' (S)

INVERT IN ELEVATION: (18" RCP) 5371.01' (N)

INVERT IN ELEVATION: (3'x7' RCBC) 5373.20' (W)

INVERT IN ELEVATION:

RIM TO INVERT:

OVERALL HEIGHT:

VOLUME(CY) SECTION | WEIGHT(LBS) TOP 15,056 3.76

BOTTOM 33,962 8.49 49,018 12.25

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

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

PRODUCTION REVISION

#: /\_\

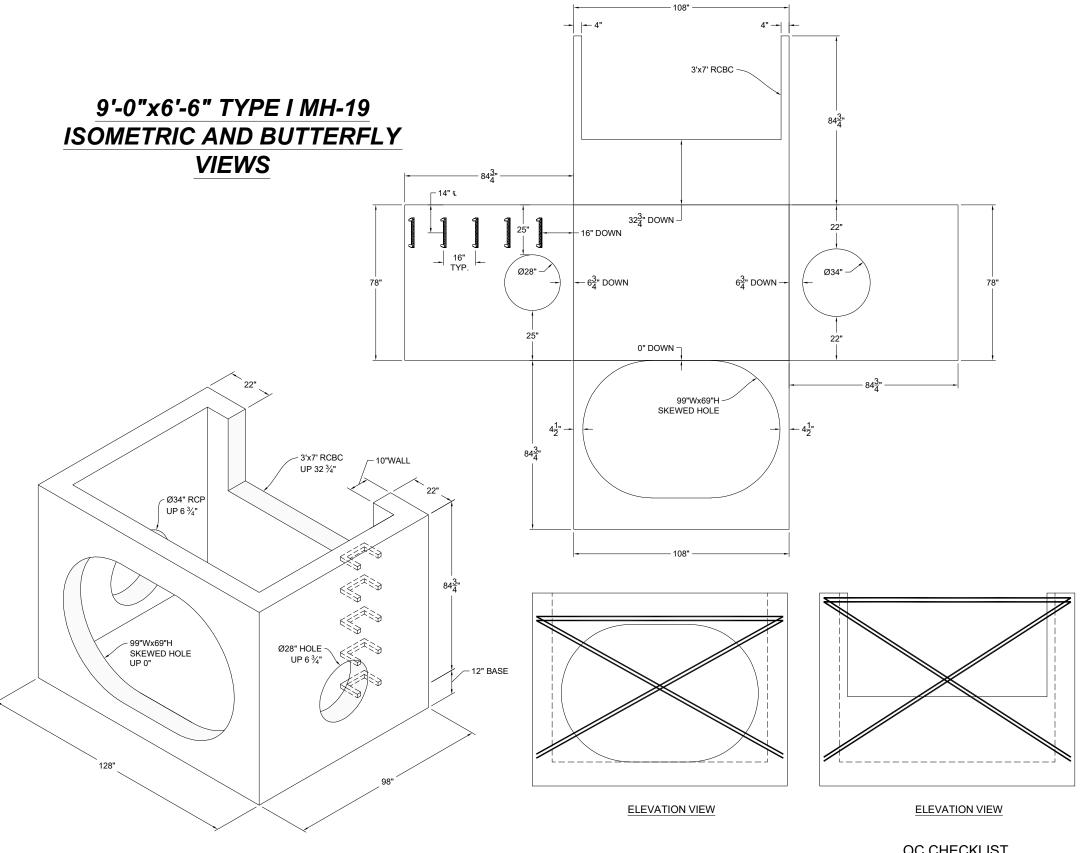
DRAWN BY: CHECKED BY: OJV

THIS DRAWING IS THE PROPRIETARY
PROPERTY OF LINDSAY PRECAST.
REPRODUCTION, DISCLOSURE, OR USE OF
ANY PART OF THIS DRAWING OR ANY
INFORMATION THEREIN IS EXPRESSLY
PROHIBITED WITHOUT PRIOR WRITTEN
CONSENT OF LINDSAY PRECAST.



DATE DRAWN: 5/13/25





٠.					
	Form Condition		Strip Stength		
	Form Oil		Finish/Surface		DRAWN  TH F REPRO
=	Dimensions	ř	Dimensions		
0	Holes/Inserts	9	Crack/Spall/Honeycomb		
	ν Reinforcing	st	Holes/Inserts		
Į.	Lifters	ď	Lifters		
	Assembler		Finisher		
	Tech		Tech		



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

MH-19

PROJECT MANAGER:

EG

RIM ELEVATION: 5378.19

INVERT OUT ELEVATION: (53"x83" HERCP) 5370.45' (E)

INVERT IN ELEVATION:

(30" RCP) 5371.01' (S)

INVERT IN ELEVATION: (18" RCP) 5371.01' (N)

INVERT IN ELEVATION:
(3'x7' RCBC) 5373.20' (W)

INVERT IN ELEVATION:

RIM TO INVERT:

OVERALL HEIGHT:

SECTION	WEIGHT(LBS)	VOLUME(CY)
TOP	15,056	3.76
BOTTOM	33,962	8.49
TOTAL	49,018	12.25

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

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

# PRODUCTION REVISION

CHECKED BY: OJV

PROPERTY OF LINDSAY PRECAST.
PRODUCTION, DISCLOSURE, OR USE OF
ANY PART OF THIS DRAWING OR ANY
INFORMATION THERRIN IS EXPRESSLY
PROHIBITED WITHOUT PRIOR WRITTEN
CONSENT OF LINDSAY PRECAST.



DATE DRAWN:

5/13/25

(BW9)

~ (BW1)

- (BW2)

(BW3)

(BW4)

**OUTSIDE HORIZONTAL HOOPS** 

# 9'-0"x6'-6" TYPE I MH-19 BASE / WALL REBAR

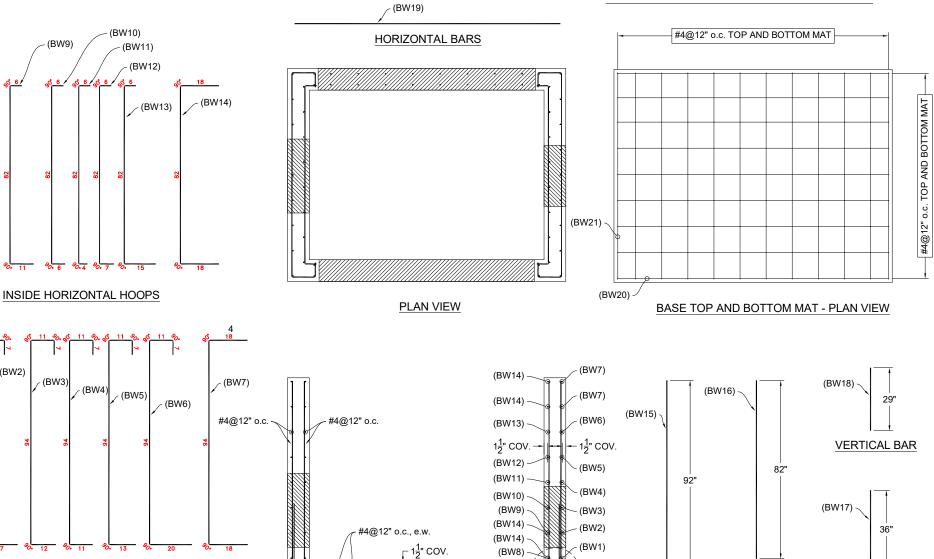
**VERTICAL BAR** 

OUTSIDE

VERTICAL L-BAR

**VERTICAL BAR** 

INSIDE



#4@12" o.c., e.w

**ELEVATION VIEW** 

 $1\frac{1}{2}$ " COV.

#### REINFORCING GRADE 60 BLACK REBAR

Size	Mark	Total number	Cutting length [in]	Grade	Note
#4	(BW1)	2	144	#60	OUTSIDE HORIZ. HOOP
#4	(BW2)	2	130	#60	OUTSIDE HORIZ. HOOP
#4	BW3	2	124	#60	OUTSIDE HORIZ. HOOP
#4	BW4	2	124	#60	OUTSIDE HORIZ. HOOP
#4	BW5	2	125	#60	OUTSIDE HORIZ. HOOP
#4	BW6	2	132	#60	OUTSIDE HORIZ. HOOP
#4	BW7	4	131	#60	OUTSIDE HORIZ. HOOP
#4	BW8	2	113	#60	INSIDE HORIZ. HOOP
#4	BW9	2	99	#60	INSIDE HORIZ. HOOP
#4	BW10	2	95	#60	INSIDE HORIZ. HOOP
#4	(BW11)	2	92	#60	INSIDE HORIZ. HOOP
#4	BW12	2	95	#60	INSIDE HORIZ. HOOP
#4	BW13	2	103	#60	INSIDE HORIZ. HOOP
#4	(BW14)	6	118	#60	INSIDE HORIZ. HOOP
#4	(BW15)	21	92	#60	INSIDE LONG VERTICAL BARS
#4	BW16	22	82	#60	OUTSIDE LONG VERTICAL BARS
#4	(BW17)	34	54	#60	OUTSIDE VERTICAL L-BARS
#4	(BW18)	16	29	#60	VERTICAL SHORT BARS
#4	(BW19)	10	122	#60	HORIZONTAL BARS
#4	(BW20)	9	125	#60	BASE LONG BARS
#4	(BW21)	12	95	#60	BASE SHORT BARS
			Total m	nass =	416 lb

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

### OC CHECKLIST

	×	O OI ILOI LIOI					-
		Form Condition			Strip Stength		
Pre Pour		Form Oil			Finish/Surface		E DF
	r.	Dimensions	9	Dimensions			
	Po	Holes/Inserts		Crack/Spall/Honeycomb			
	e	Reinforcing		st	Holes/Inserts		RI
	Ω.	Lifters		Po	Lifters		
		Assembler			Finisher		
		Tach			Tach		



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

AMERICAN WEST

PROJECT/PROJECT NUMBER:

BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093

STRUCTURE ID: MH - 19

CUSTOMER:

PROJECT MANAGER:

EG

RIM ELEVATION: 5378.19

INVERT OUT ELEVATION: (53"x83" HERCP) 5370.45' (E)

INVERT IN FLEVATION:

(30" RCP) 5371.01' (S)

INVERT IN ELEVATION: (18" RCP) 5371.01' (N)

INVERT IN ELEVATION: (3'x7' RCBC) 5373.20' (W)

INVERT IN ELEVATION:

RIM TO INVERT:

OVERALL HEIGHT:

SECTION WEIGHT(LBS)

VOLUME(CY)

TOP 15,056 3.76 BOTTOM 33,962 8.49

49,018 12.25 TOTAL

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

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

# PRODUCTION REVISION

EΑ

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

THIS DRAWING IS THE PROPRIETARY PROPERTY OF LINDSAY PRECAST. REPRODUCTION, DISCLOSURE, OR USE OI ANY PART OF THIS DRAWING OR ANY INFORMATION THEREIN IS EXPRESSLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF LINDSAY PRECAST.



11" ANTI-SKID

# Ø24" (L2) (LI) LID - PLAN VIEW #4@12" o.c., e.w $13\frac{1}{4}$ " $\frac{3}{4}$ " ANT-SKID LIP #4@12" o.c.

#5@8" o.c.

LID - PROFILE VIEW

#4@12" o.c., MAX. SPA. TOP #5@8" o.c. MAX. SPA. BOTTOM

# 9'-0"x6'-6" TYPE I MH-19 LID REBAR

## REINFORCING GRADE 60 BLACK REBAR

Size	Mark	Total number	Cutting length [in]	Grade	Note			
#4	<b>L1</b>	21	125	#60	BOTTOM SHORT BARS			
#5	L2	28	95	#60	TOP / BOTTOM LONG BARS			
#4	<b>L3</b>	16	95	#60	TOP SHORT BARS			
#4	<b>L4</b> )	4	40	#60	TRIM BARS			
	Total mass = 471 lb							

#4@12" o.c. MAX. SPA. TOP & BOTTOM

14"

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

CONTRACTOR IS TO VEHIET HAIL 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.

AMERICAN WEST

PROJECT/PROJECT NUMBER:

BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093

STRUCTURE ID: MH-19

PROJECT MANAGER:

EG

RIM ELEVATION: 5378.19

INVERT OUT ELEVATION: (53"x83" HERCP) 5370.45' (E)

INVERT IN ELEVATION:

(30" RCP) 5371.01' (S)

INVERT IN ELEVATION: (18" RCP) 5371.01' (N)

INVERT IN ELEVATION: (3'x7' RCBC) 5373.20' (W)

INVERT IN ELEVATION:

RIM TO INVERT:

OVERALL HEIGHT:

SECTION

TOP 15,056 3.76 BOTTOM 33,962 8.49

WEIGHT(LBS)

VOLUME(CY)

49,018 12.25

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

	0 00	001	Terete at 20 days
#	QTY	U/M	DESCRIPTION
1	80	EΑ	LUA66G LIFT ANCHOF
2	4	EA	8T 6-3/4" LIFT PIN
3	5	EΑ	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&
5	_	EΑ	_
6	-	EA	_
7	_	EΑ	_
8	_	EΑ	_
9	_	EΑ	_

#### QC CHECKLIST

×						-
	Form Condition			Strip Stength		
Pol	Form Oil		Pour	Finish/Surface		$ _{\mathbb{R}}$
	Dimensions			Dimensions		DR
	Holes/Inserts			Crack/Spall/Honeycomb		
	Reinforcing			Holes/Inserts		
	Lifters		Pc	Lifters		RE
	Assembler			Finisher		
	Tech			Tooh		

PRODUCTION REVISION

RAWN BY: CHECKED BY: OJV 5/13/25

THIS DRAWING IS THE PROPRIETARY
PROPERTY OF LINDSAY PRECAST.
REPRODUCTION, DISCLOSURE, OR USE OF
ANY PART OF THIS DRAWING OR ANY
INFORMATION THEREIN IS EXPRESSLY
PROHIBITED WITHOUT PRIOR WRITTEN
CONSENT OF LINDSAY PRECAST.

