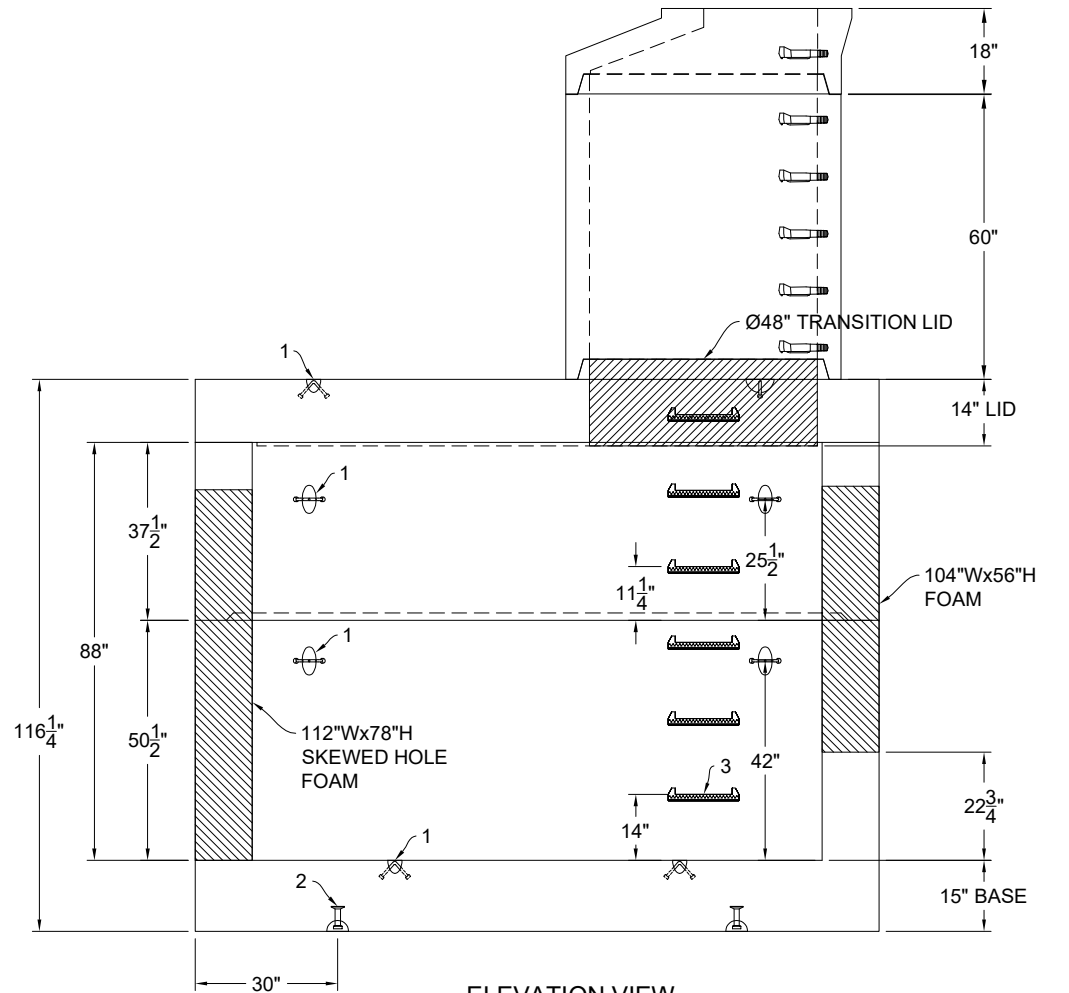
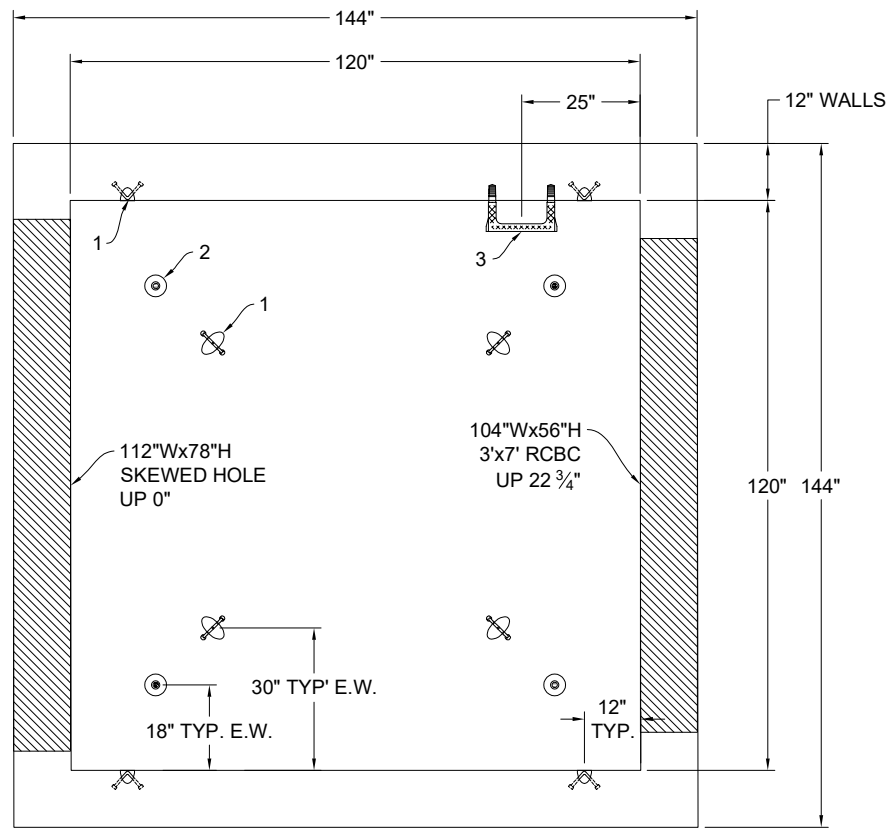


P:_JOBS & CUSTOMERS\American West\24-2093S_Broomfield Heights Storm and Ped Improvements\CAD\MH Vault 10X10\BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093.DWG
5/13/2025
Oviera

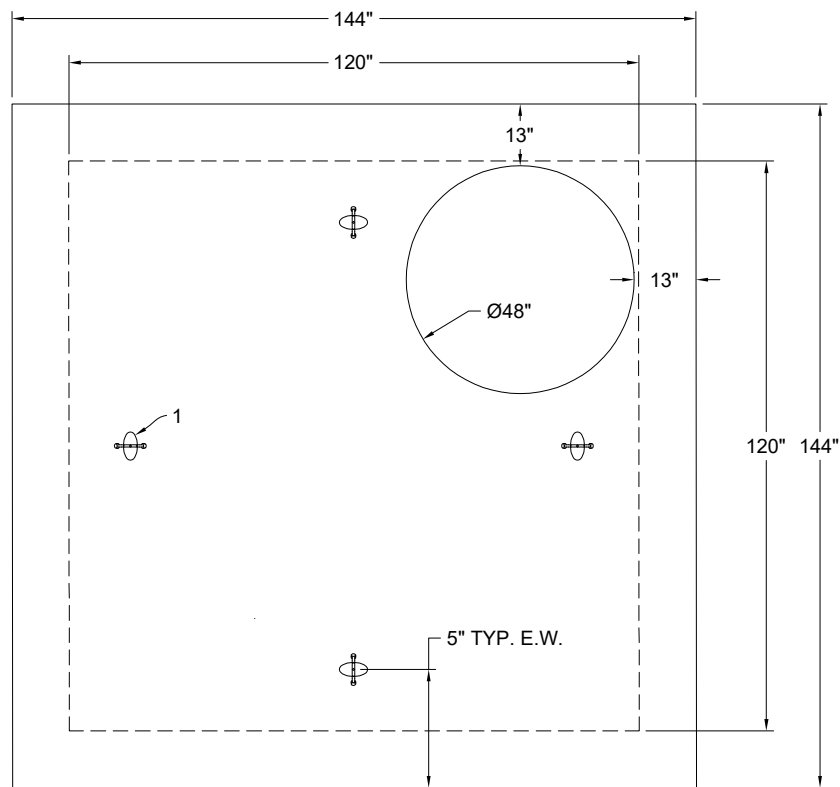


ELEVATION VIEW

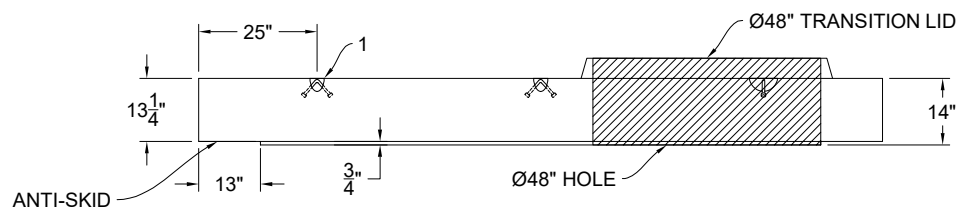


PLAN VIEW

10'x10' TYPE I MH-26



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	



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-26

PROJECT MANAGER:

EG

RIM ELEVATION:

5394.53'

INVERT OUT ELEVATION:

(3'x7' RCBC)5379.39' (E)

INVERT IN ELEVATION:

(60" RCP) 5381.29' (SW)

INVERT IN ELEVATION:

(-)-'

INVERT IN ELEVATION:

(-)-'

INVERT IN ELEVATION:

(-)-'

RIM TO INVERT:

15.14'

OVERALL HEIGHT:

205 3/4"

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	22,717	11.75
RISER	19,762	4.94
BASE	43,352	10.84
TOTAL	83,490	20.87

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

#	QTY	U/M	DESCRIPTION
1	16	EA	LUA66G LIFT ANCHOR
2	4	EA	8T 6-3/4" LIFT PIN
3	12	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

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.



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 I
MH-26

PROJECT MANAGER

EG

5394.5

INVERT OUT ELEVATION:
(3'x7' RCBC)5379.39' (E)

INVERT IN ELEVATION:
(60" RCP) 5381.29' (SW)

INVERT IN ELEVATION
() -

INVERT IN ELEVATION
(—) —

INVERT IN ELEVATION
(—) —'

RIM TO INVERT
15.14'

OVERALL HEIGHT:
205 3/4"

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	22,717	11.75
RISER	19,762	4.94
BASE	43,352	10.84
TOTAL	83,490	20.87

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

#	QTY	U/M	DESCRIPTION
1	16	EA	LUA66G LIFT ANCHOR
2	4	EA	8T 6-3/4" LIFT PI
3	12	EA	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" RA
5	—	EA	—
6	—	EA	—
7	—	EA	—
8	—	EA	—
9	—	EA	—

PRODUCTION REVISION

BY: --- DATE: -/-/- # : \triangle -

DRAWN BY: OLM

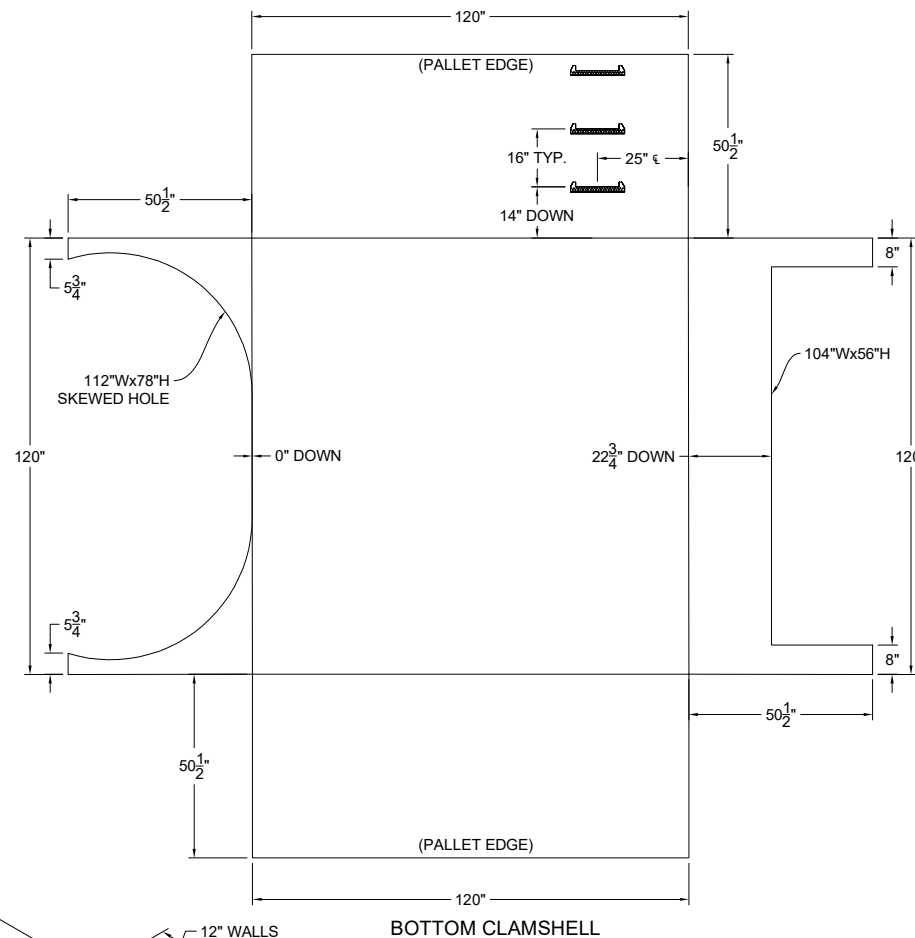
CHECKED BY _____

DATE DRAWN:
5 / 13 / 24

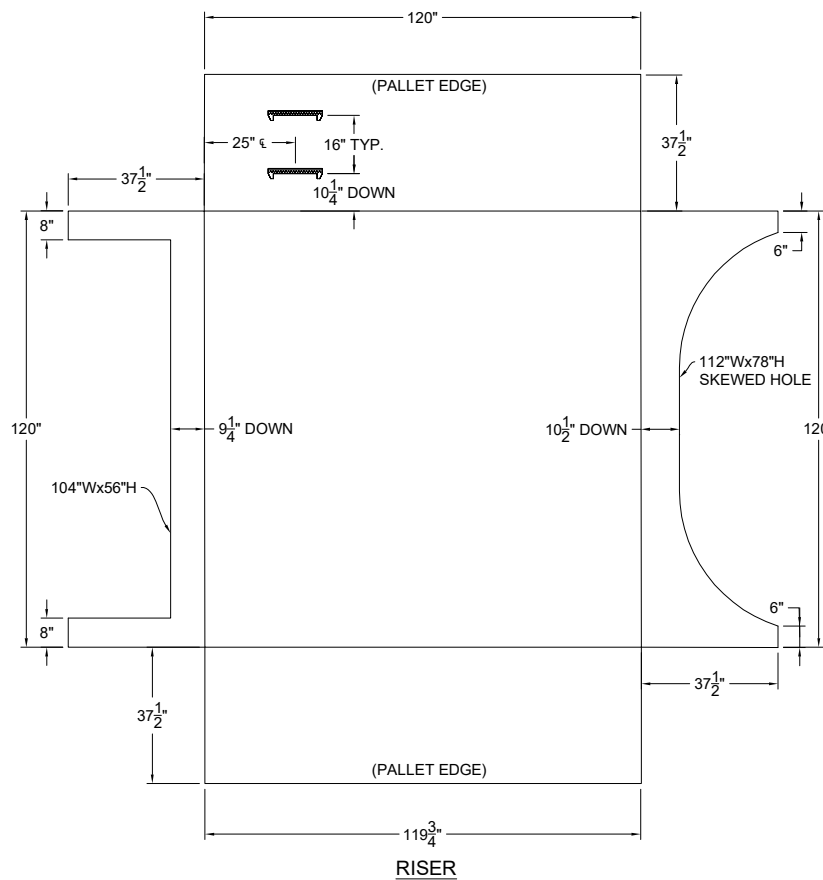
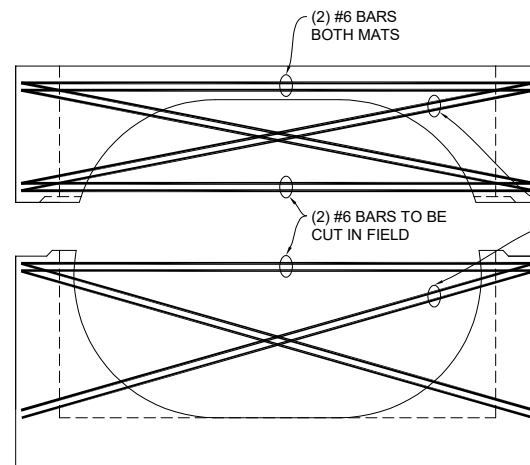
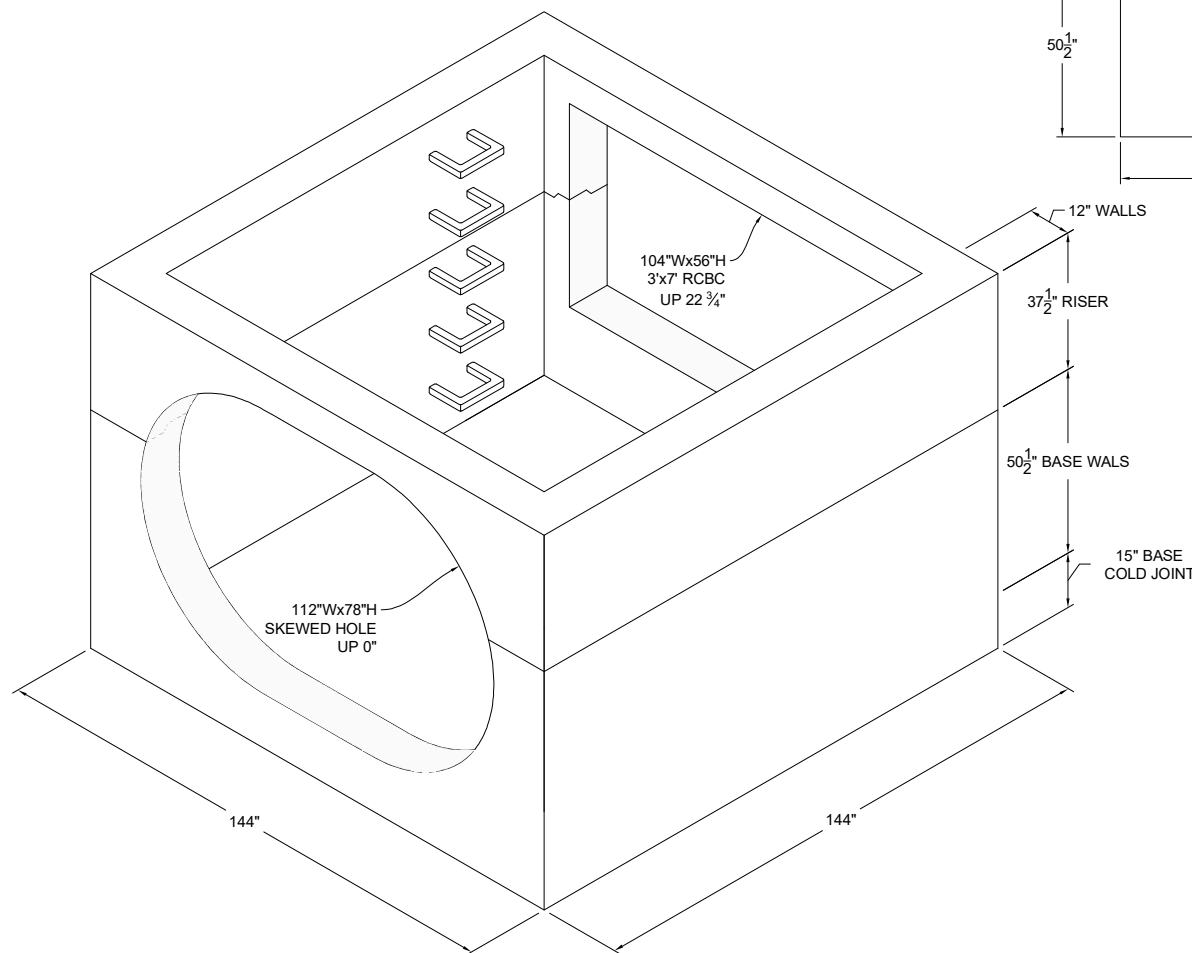
THIS DRAWING IS THE PROPRIETARY
PROPERTY OF LINDSAY PRECAST.
REPRODUCTION, DISCLOSURE, OR USE OF
ANY PART OF THIS DRAWING OR ANY
INFORMATION THEREIN IS EXPRESSLY
PROHIBITED WITHOUT PRIOR WRITTEN
CONSENT OF LINDSAY PRECAST.



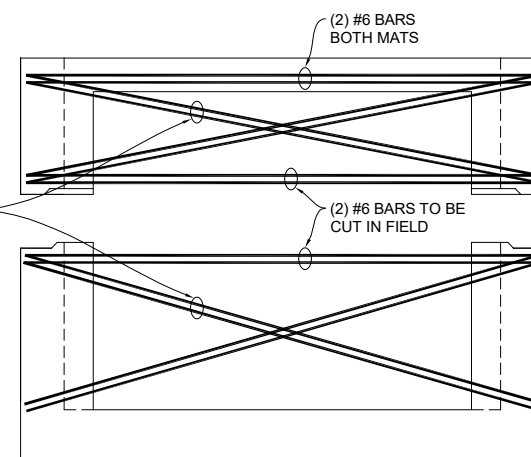
10'x10' TYPE I MH-26
ISOMETRIC AND BUTTERFLY
VIEWS



BOTTOM CLAMSHELL

RISER

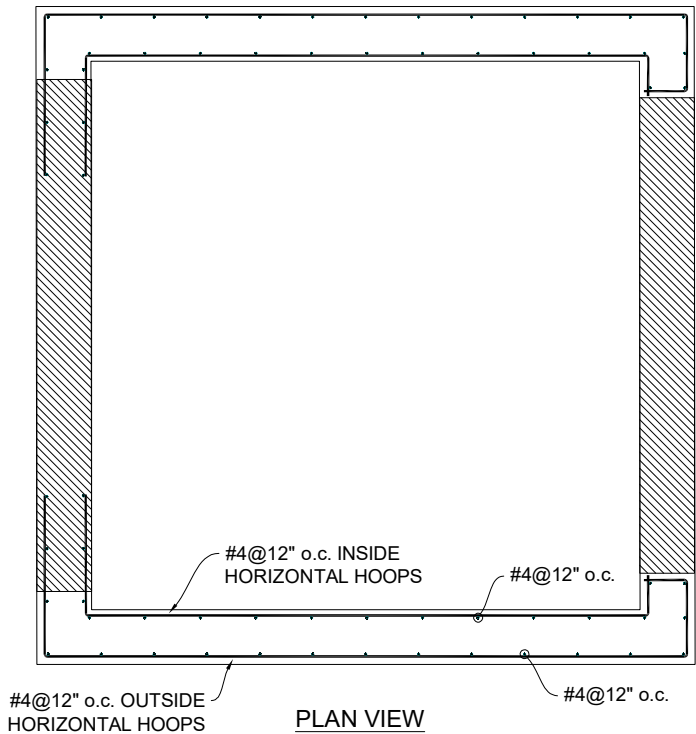
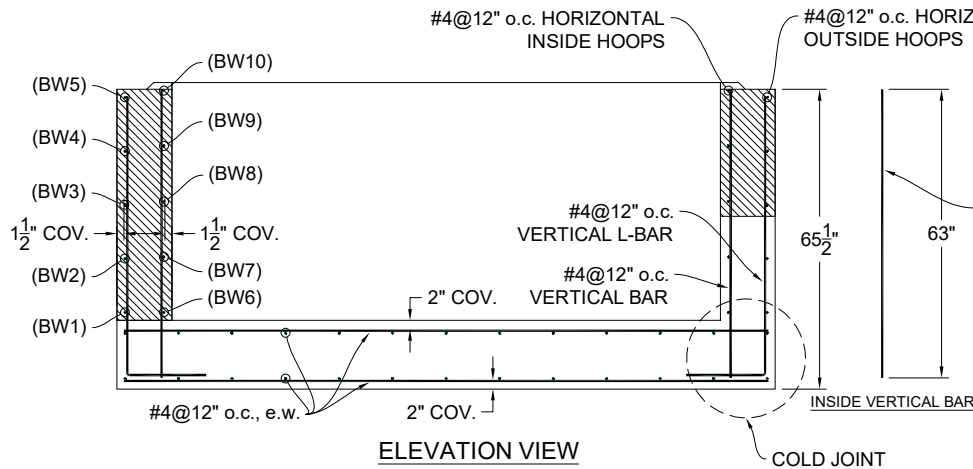
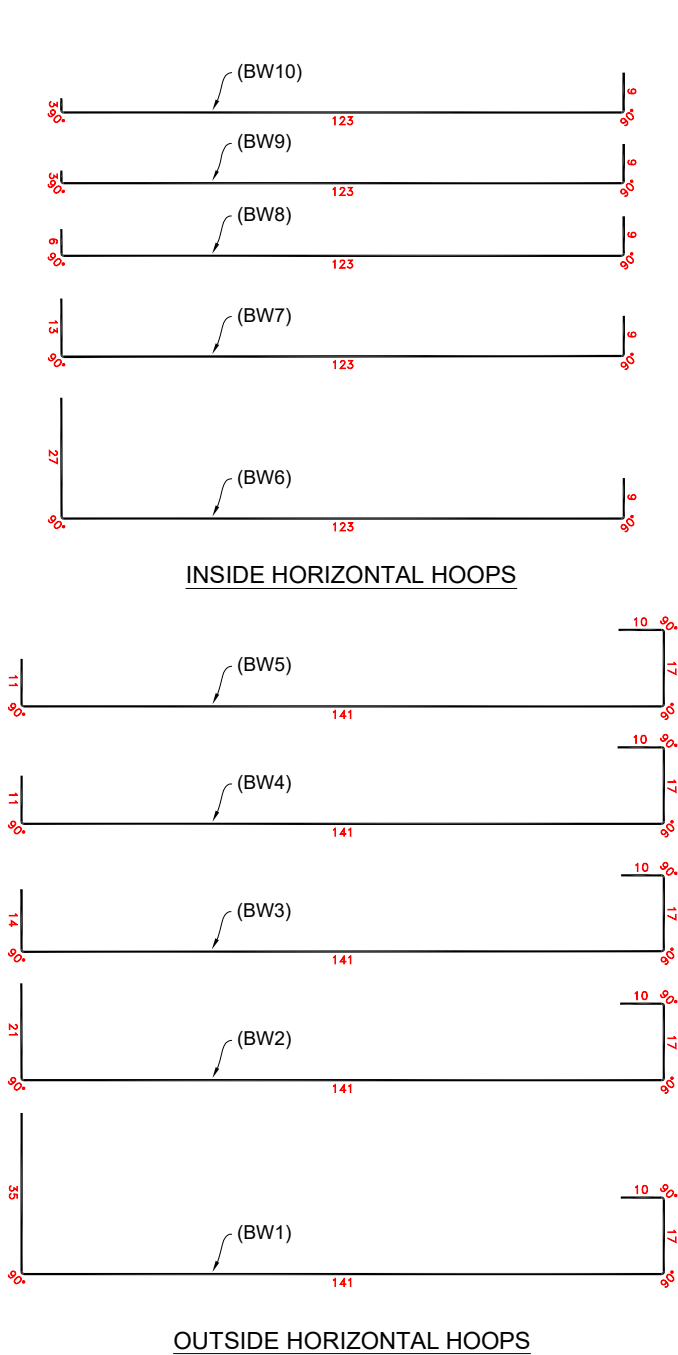
ELEVATION VIEW
(WALL OPENING REINFORCING)



ELEVATION VIEW
(WALL OPENING REINFORCING)

QC CHECKLIST

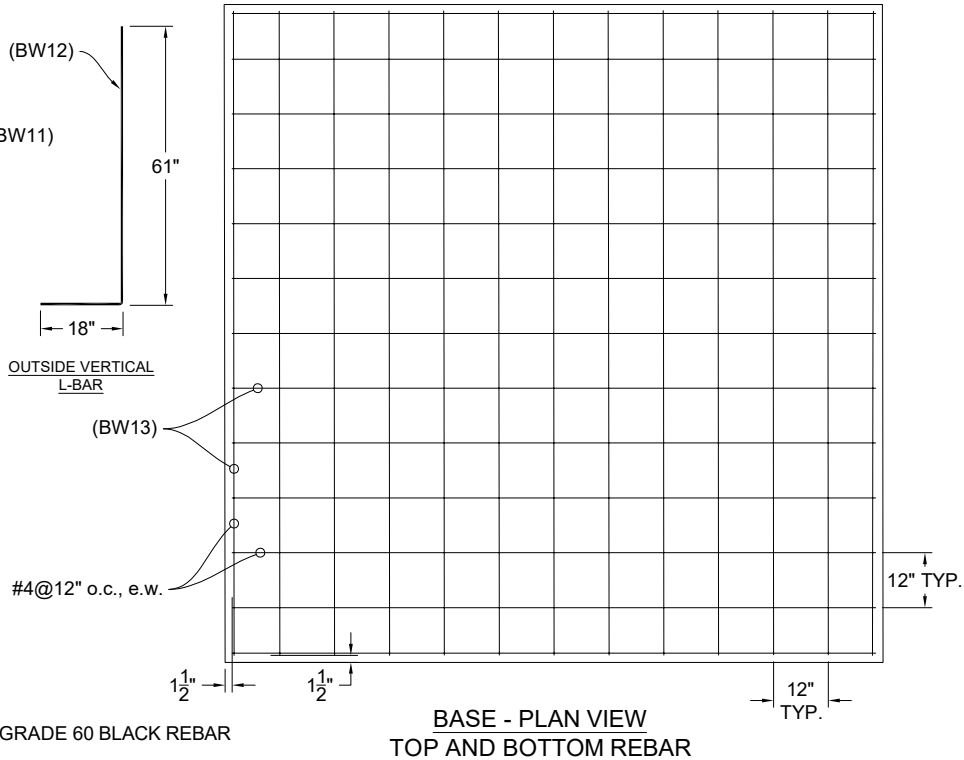
Pre Pour	Form Condition	Post Pour	Strip Strength
	Form Oil		Finish/Surface
	Dimensions		Dimensions
	Holes/Inserts		Crack/Spall/Honeycomb
	Reinforcing		Holes/Inserts
	Lifters		Lifters
	Assembler		Finisher
	Tech		Tech



REINFORCING GRADE 60 BLACK REBAR

Size	Mark	Total number	Cutting length [in]	Grade	Note
#4	BW1	2	203	#60	HORIZ. HOOP
#4	BW2	2	189	#60	HORIZ. HOOP
#4	BW3	2	182	#60	HORIZ. HOOP
#4	BW4	2	179	#60	HORIZ. HOOP
#4	BW5	2	179	#60	HORIZ. HOOP
#4	BW6	2	159	#60	HORIZ. HOOP
#4	BW7	2	146	#60	HORIZ. HOOP
#4	BW8	2	138	#60	HORIZ. HOOP
#4	BW9	2	135	#60	HORIZ. HOOP
#4	BW10	2	136	#60	HORIZ. HOOP
#4	BW11	30	63	#60	VERTICAL BAR
#4	BW12	37	79	#60	VERTICAL L-BAR
#4	BW13	52	141	#60	BASE BAR
Total mass = 1593 lb					

10'x10' TYPE I MH-26 BASE/WALLS 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	



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-26

PROJECT MANAGER:
EG

RIM ELEVATION:
5394.53'

INVERT OUT ELEVATION:
(3'x7' RBCB)5379.39' (E)

INVERT IN ELEVATION:
(60" RCP) 5381.29' (SW)

INVERT IN ELEVATION:
(-)-'

INVERT IN ELEVATION:
(-)-'

INVERT IN ELEVATION:
(-)-'

RIM TO INVERT:
15.14'

OVERALL HEIGHT:
205 3/4"

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	22,717	11.75
RISER	19,762	4.94
BASE	43,352	10.84
TOTAL	83,490	20.87

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

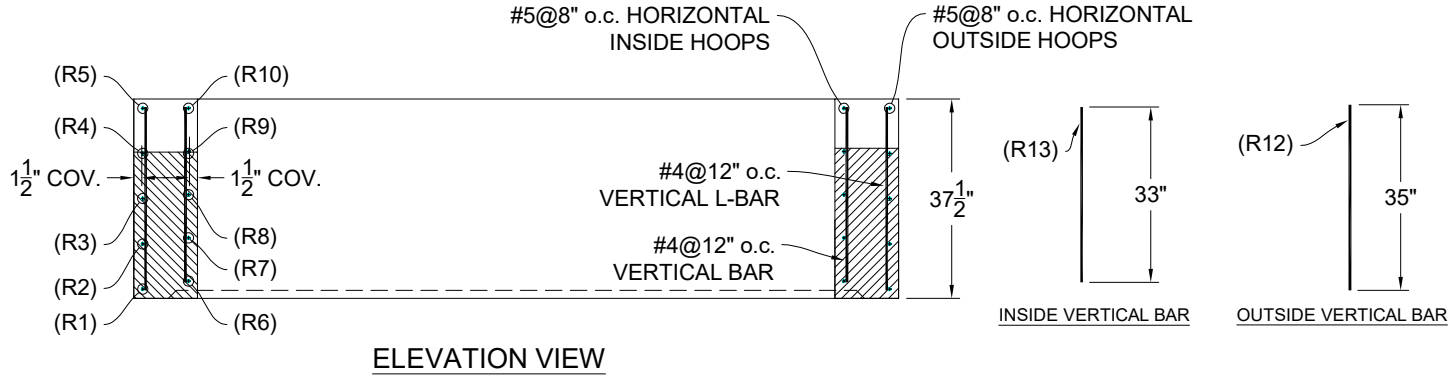
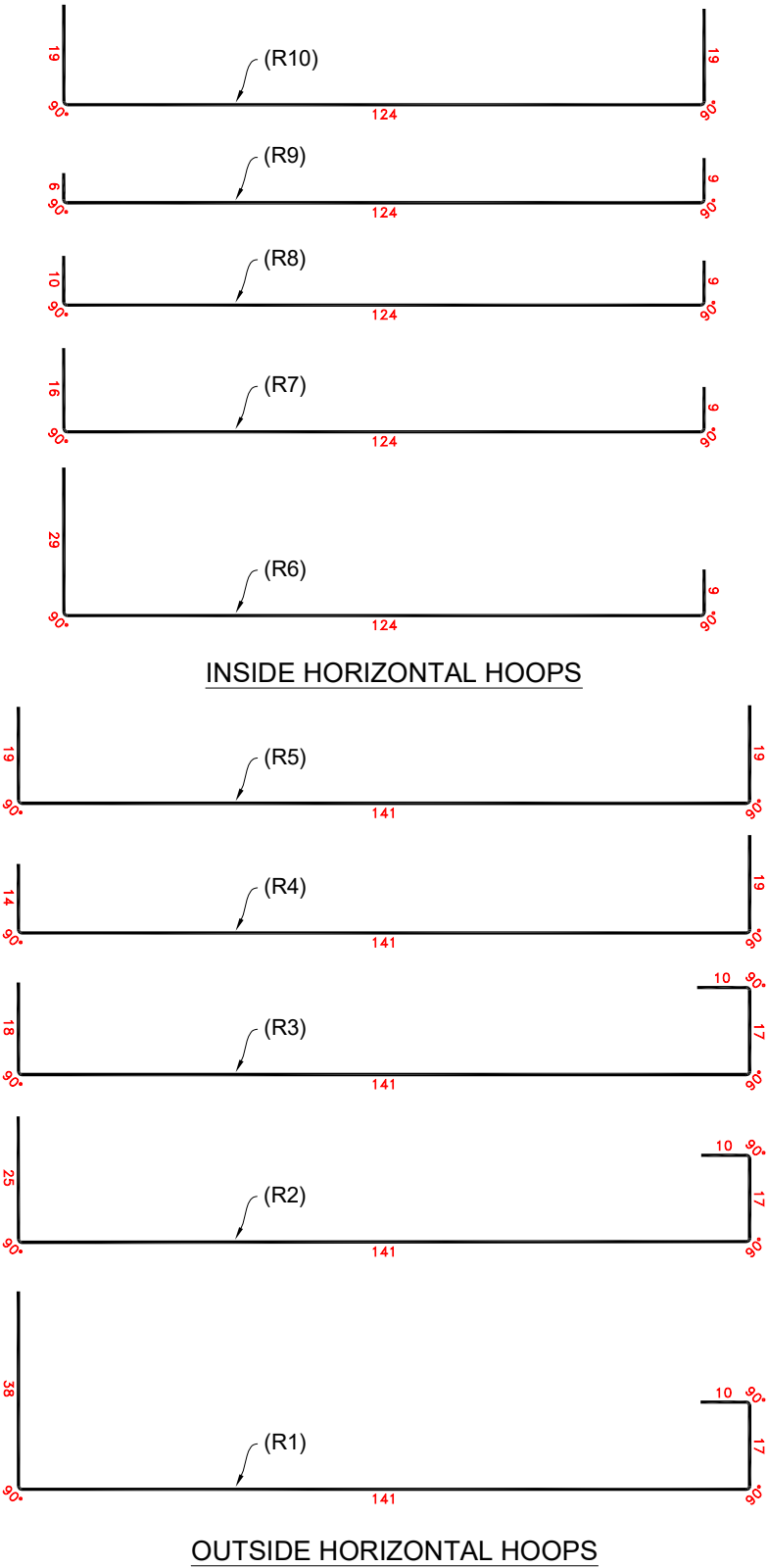
#	QTY	U/M	DESCRIPTION
1	16	EA	LUA66G LIFT ANCHOR
2	4	EA	8T 6-3/4" LIFT PIN
3	12	EA	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&C
5	-	EA	-
6	-	EA	-
7	-	EA	-
8	-	EA	-
9	-	EA	-

PRODUCTION REVISION		
BY:--- DATE:--/--/--- #:A		
DRAWN BY: OJV	CHECKED BY: -	DATE DRAWN: 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.		

P:_JOBS & CUSTOMERS\American West\24-2093S_Broomfield Heights Storm and Ped Improvements\CAD\MH Vault 10X10\BROOMFIELD HEIGHTS STORM AND PED IMPROVEMENTS 24-2093.DWG 5/13/2025 Oviara

10'x10' TYPE I MH-26

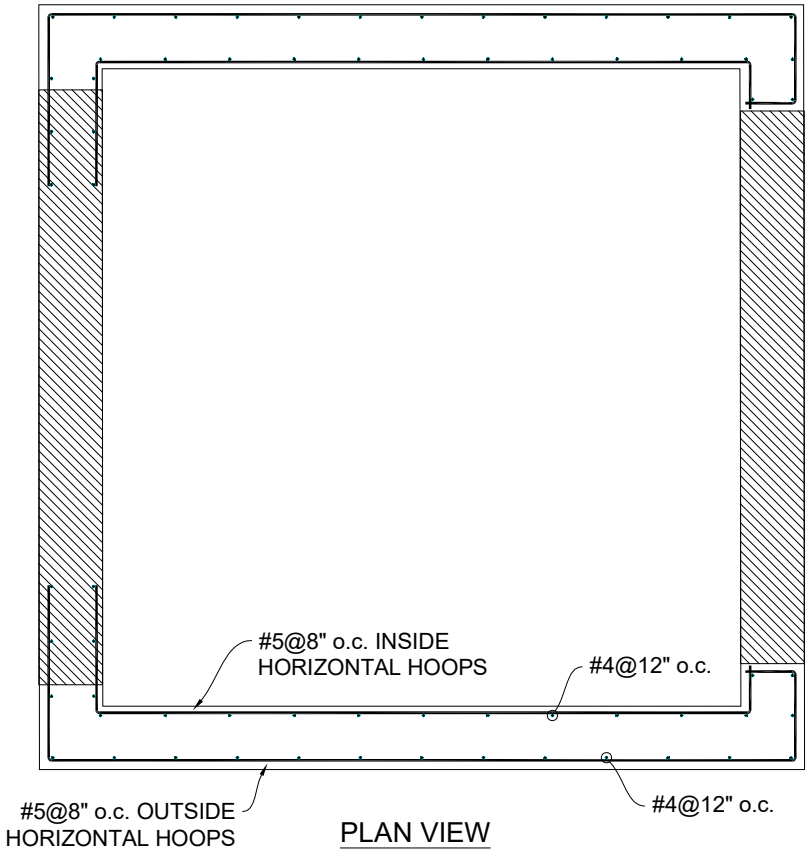
RISER REBAR



REINFORCING GRADE 60 BLACK REBAR

Size	Mark	Total number	Cutting length [in]	Grade	Note
#5	(R1)	2	206	#60	OUTSIDE HORIZ. HOOP
#5	(R2)	2	192	#60	OUTSIDE HORIZ. HOOP
#5	(R3)	2	187	#60	OUTSIDE HORIZ. HOOP
#5	(R4)	2	174	#60	OUTSIDE HORIZ. HOOP
#5	(R5)	2	179	#60	OUTSIDE HORIZ. HOOP
#5	(R6)	2	162	#60	INSIDE HORIZ. HOOP
#5	(R7)	2	149	#60	INSIDE HORIZ. HOOP
#5	(R8)	2	142	#60	INSIDE HORIZ. HOOP
#5	(R9)	2	139	#60	INSIDE HORIZ. HOOP
#5	(R10)	2	162	#60	INSIDE HORIZ. HOOP
#5	(R11)	2	139	#60	HORIZ. BAR
#4	(R12)	36	35	#60	OUTSIDE VERTICAL BAR
#4	(R13)	30	33	#60	INSIDE VERTICAL BAR
Total mass = 1621 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	

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-26

PROJECT MANAGER:
EG

RIM ELEVATION:
5394.53'

INVERT OUT ELEVATION:
(3'x7' RCBC)5379.39' (E)

INVERT IN ELEVATION:
(60" RCP) 5381.29' (SW)

INVERT IN ELEVATION:
(-)-'

INVERT IN ELEVATION:
(-)-'

INVERT IN ELEVATION:
(-)-'

RIM TO INVERT:
15.14'

OVERALL HEIGHT:
205 3/4"

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	22,717	11.75
RISER	19,762	4.94
BASE	43,352	10.84
TOTAL	83,490	20.87

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

#	QTY	U/M	DESCRIPTION
1	16	EA	LUA66G LIFT ANCHOR
2	4	EA	8T 6-3/4" LIFT PIN
3	12	EA	ML-13 STEP
4	1	EA	5"x24" "STORM SEWER" R&C
5	-	EA	-
6	-	EA	-
7	-	EA	-
8	-	EA	-
9	-	EA	-

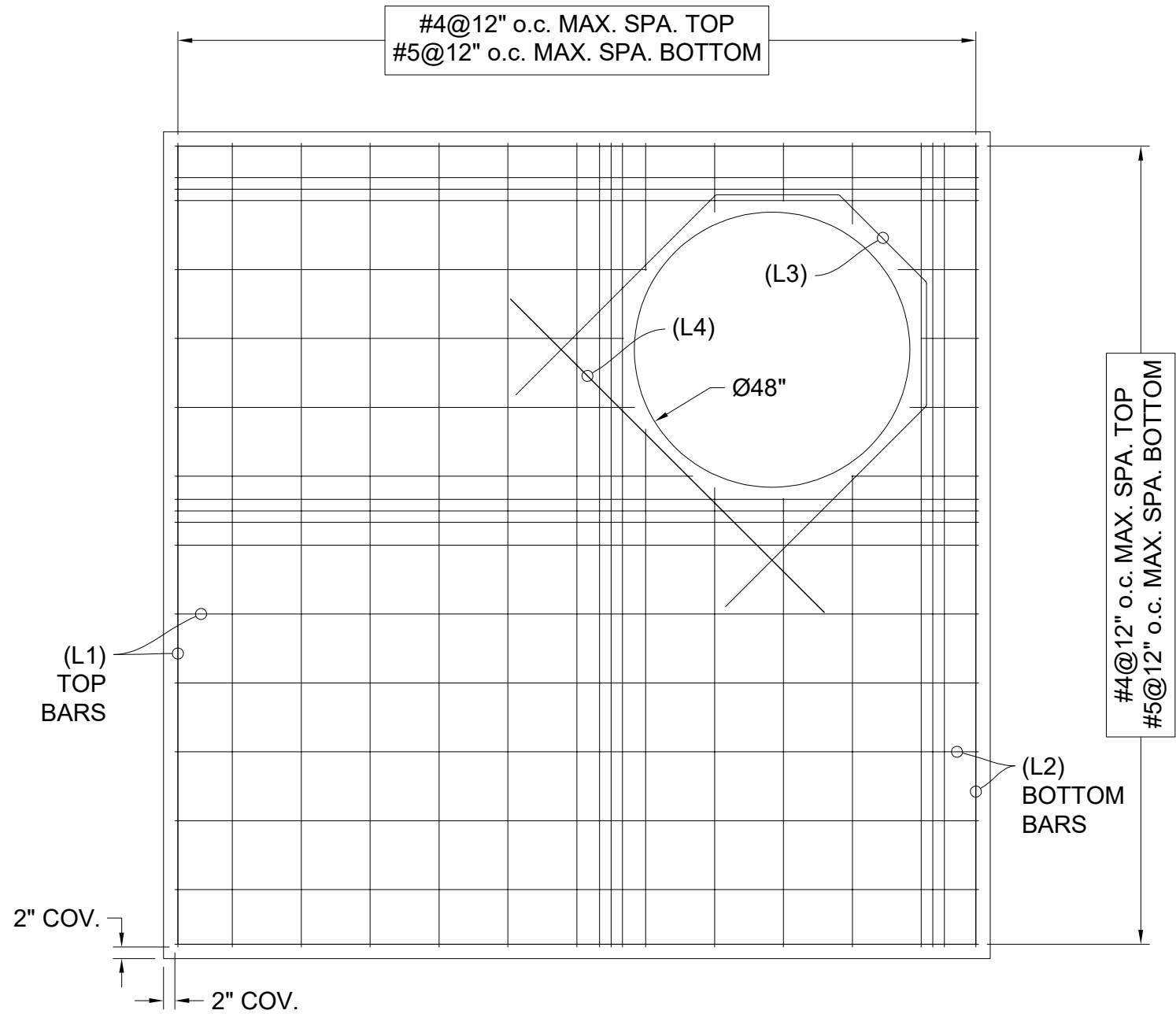
PRODUCTION REVISION

BY:--- DATE:--/--/--- #:△

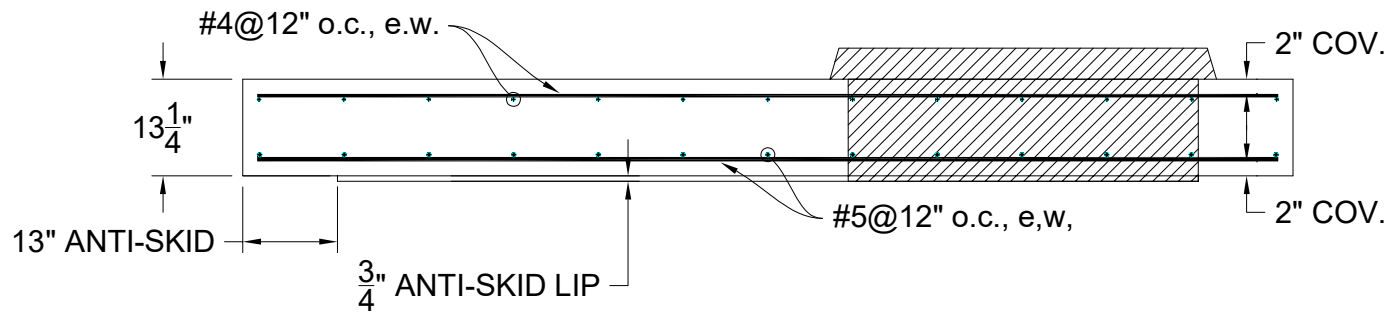
DRAWN BY: OJV	CHECKED BY: -	DATE DRAWN: 5/13/25
------------------	------------------	------------------------

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.

P:_JOBS & CUSTOMERS\American West\24-2093S_Broomfield Heights Storm and Ped Improvements\CAD\MH Vault 10x10\Broomfield Heights Storm and Ped Improvements 24-2093.DWG
5/13/2025
Oviera

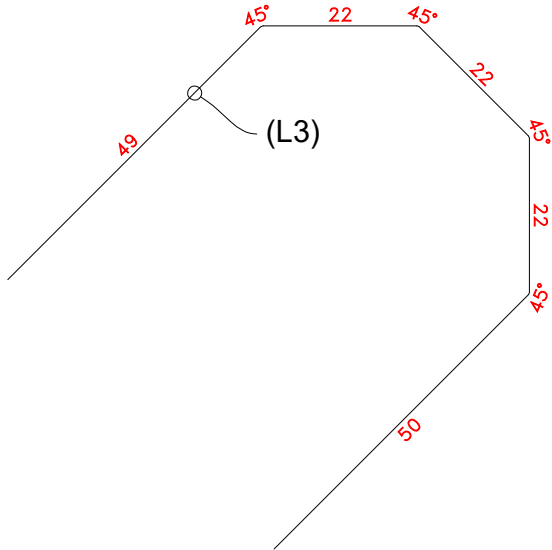


LID - PLAN VIEW



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	(L1)	36	140	#60	TOP BARS
#5	(L2)	36	140	#60	BOTTOM BARS
#4	(L3)	1	164	#60	BENT TRIM BAR
#4	(L4)	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

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
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.		

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-26		
PROJECT MANAGER: EG		
RIM ELEVATION: 5394.53'		
INVERT OUT ELEVATION: (3'x7' RCB)5379.39' (E)		
INVERT IN ELEVATION: (60" RCP) 5381.29' (SW)		
INVERT IN ELEVATION: (-)-'		
INVERT IN ELEVATION: (-)-'		
INVERT IN ELEVATION: (-)-'		
RIM TO INVERT: 15.14'		
OVERALL HEIGHT: 205 3/4"		
SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	22,717	11.75
RISER	19,762	4.94
BASE	43,352	10.84
TOTAL	83,490	20.87

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	22,717	11.75
RISER	19,762	4.94
BASE	43,352	10.84
TOTAL	83,490	20.87