

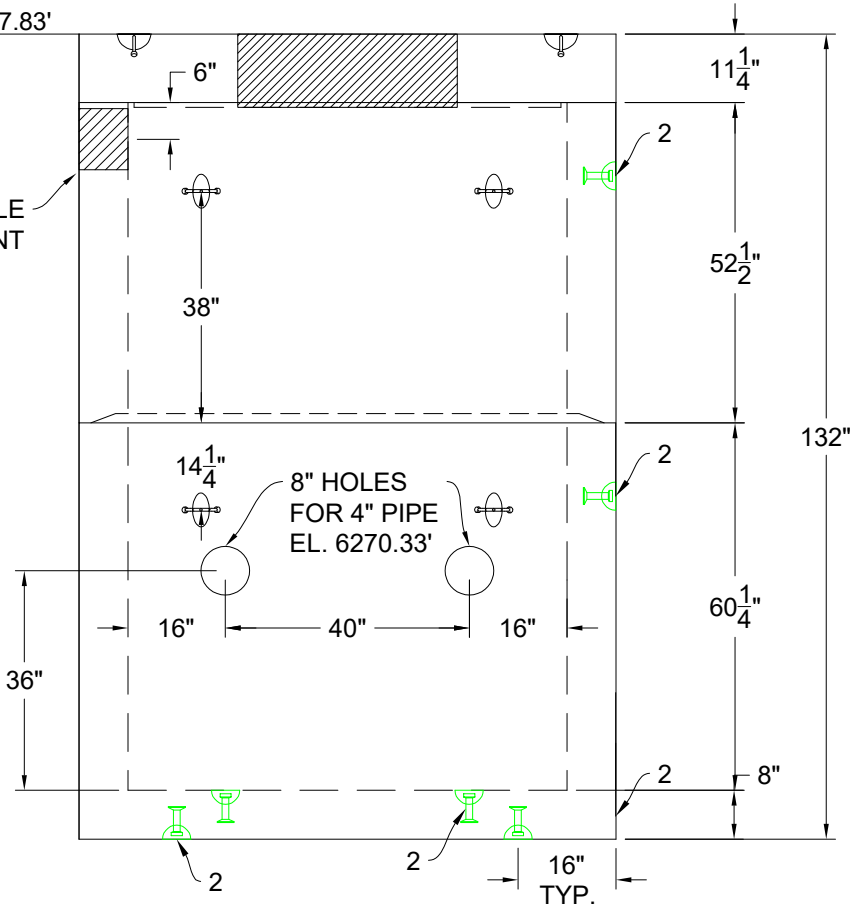
GYPSUM WWTP
PRECAST VAULT
STA. 32+18.17

EL: 6277.83'

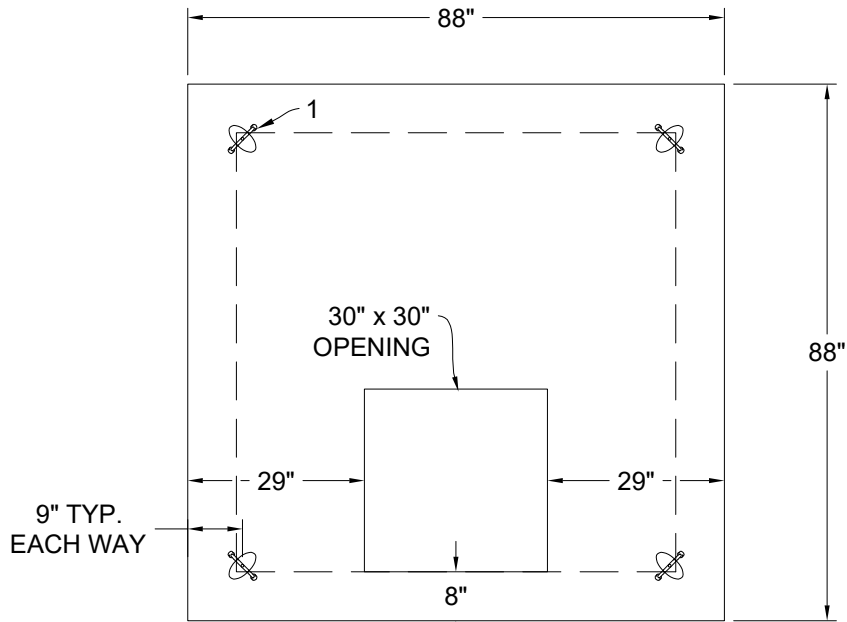
REINFORCING GRADE 60 BLACK REBAR
PER ASTM 615

BASE:
TOP & BOT. MAT #4 @ 12" O.C.,E.W. /
1 1/2" CLR TOP & BOTTOM
#4 PERIMETER BAR (TYP. 4-SIDES)
BASE & LOWER WALLS:
EPOXY L-BARS #4 @ 12" O.C W/ 4"
EMBED IN BASE
LOWER WALLS:
#4 @ 8" O.C. / 3 1/2" CLR OUTSIDE
UPPER WALLS:
#4 @ 8" O.C. / 3 1/2" CLR OUTSIDE
LID:
TOP & BOT. MAT #4 @ 12" O.C.,E.W. /
2" CLR TOP & BOTTOM

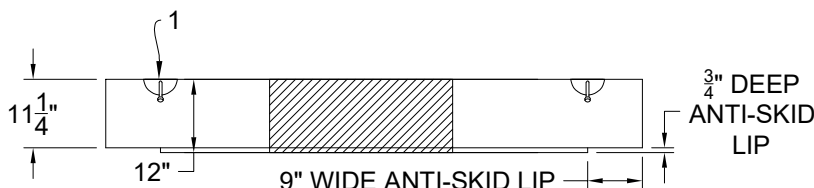
10" HOLE
FOR 6" VENT



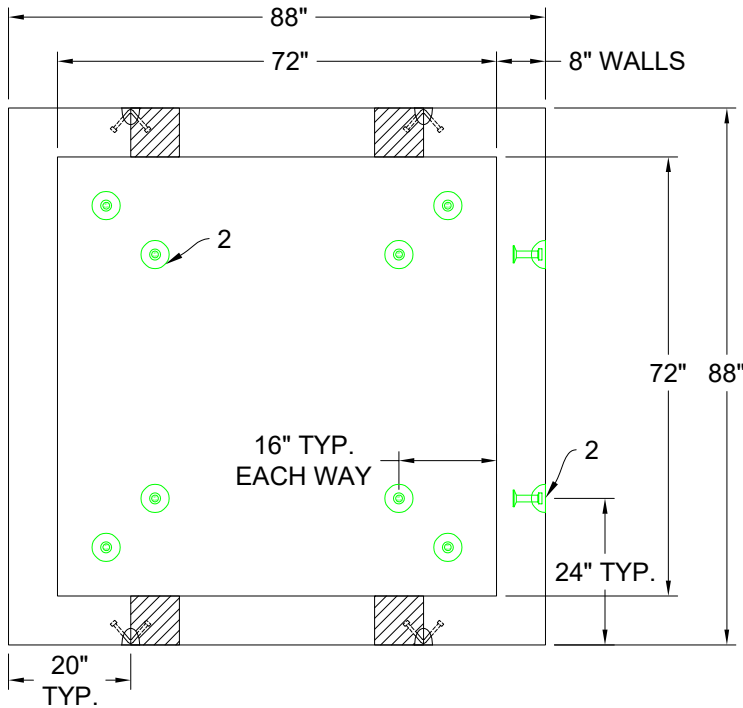
ELEVATION VIEW



LID - PLAN VIEW



LID
ELEVATION VIEW



BOX BASE - PLAN 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:
RALPH L WADSWORTH

PROJECT/PROJECT NUMBER:
GYPSUM WWTP 24-1916 RECOVERED

STRUCTURE ID:
32+18.17 VAULT

PROJECT MANAGER:
JJS

RIM ELEVATION:
6277.83'

INVERT OUT ELEVATION:
(4" ST) 6270.33'

INVERT IN ELEVATION:
(4" ST) 6270.33'

INVERT IN ELEVATION:
(-)-

INVERT IN ELEVATION:
(-)-

INVERT IN ELEVATION:
(-)-

RIM TO INVERT:
7.5'

OVERALL HEIGHT:
132"

SECTION	WEIGHT(LBS)	VOLUME(CY)
LID	7,041	1.76
RISER	11,523	2.88
BOTTOM	18,397	4.60
TOTAL	36,961	9.24

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

#	QTY	U/M	DESCRIPTION
1	16	EA	LUA44G LIFT ANCHOR
2	10	EA	8T 6-3/4" LIFT PIN
3		EA	
4		EA	
5	-	EA	-
6	-	EA	-
7	-	EA	-
8	-	EA	-
9	-	EA	-

PRODUCTION REVISION

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

DRAWN BY: JDE CHECKED BY: - DATE DRAWN: 3/6/25

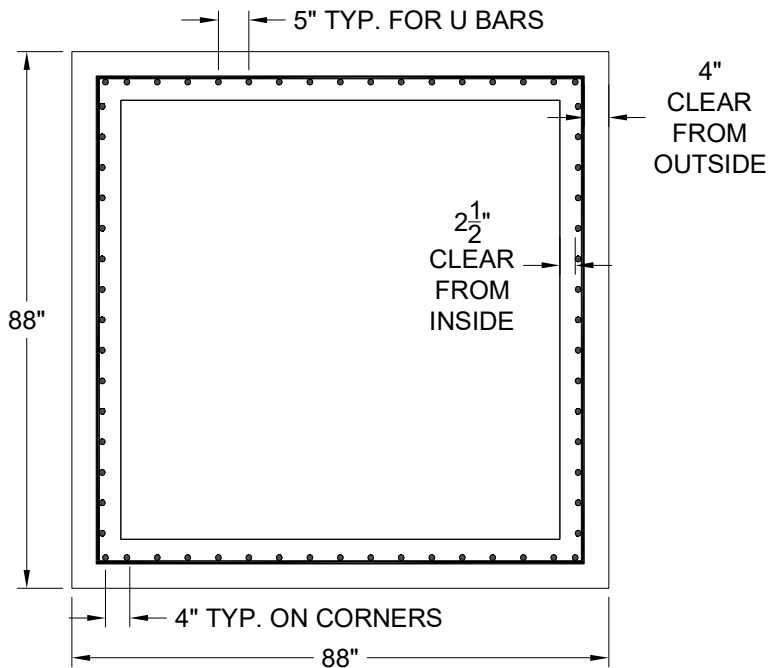
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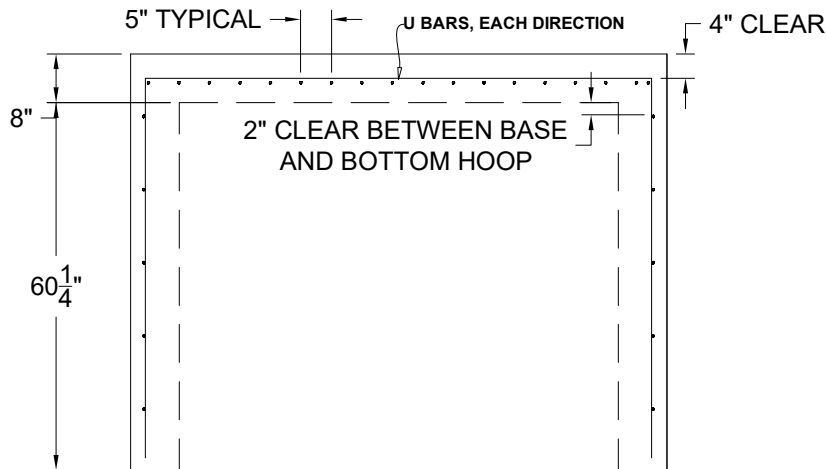
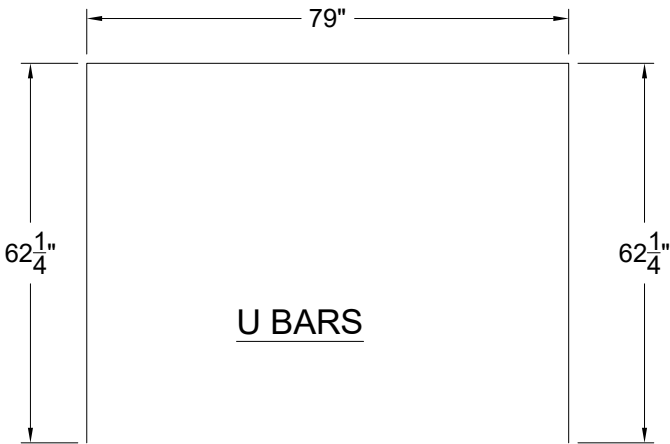
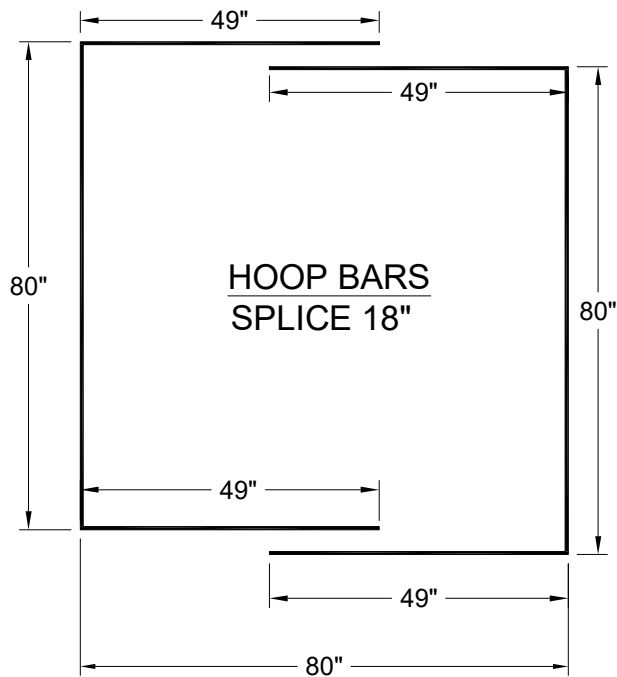
3/6/2025

Oviera

P:_JOBS & CUSTOMERS\Ralph L. Wadsworth\24-1916CO_Gypsum WWTP\CAD\Gypsum WWTP 24-1916 RECOVERED.dwg



PLAN VIEW



WALLS
PROFILE VIEW

72" x 72" TYPE I MH BASE / WALLS REBAR

REINFORCING GRADE 60 BLACK REBAR
BASE: LONG BAR #5 @ 5 O.C. 3" CLR FROM TOP
SHORT BAR #5 @ 5 O.C. 3" CLR FROM TOP
WALL: VERT.BAR #5 @ 5 O.C. 5" CLR FROM INSIDE
HOR. BAR #4 @12 O.C. 4" CLR FROM OUTSIDE

#4 BLACK REBAR

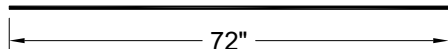
LENGTH	QTY.	KEY
178"(BENT)	10	HOOPS

#5 BLACK REBAR

LENGTH	QTY.	KEY
204" (BENT)	30	U BARS

#11 BLACK REBAR

LENGTH	QTY.	KEY
72"	-	REINFORCING BAR



REINFORCING BARS
PLACE HORIZONTALLY 3" ABOVE
ALL OPENINGS

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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32+18.17 VAULT

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RIM TO INVERT:
7.5'

OVERALL HEIGHT:
132"

SECTION	WEIGHT(LBS)	VOLUME(CY)
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7	-	EA	-
8	-	EA	-
9	-	EA	-

PRODUCTION REVISION

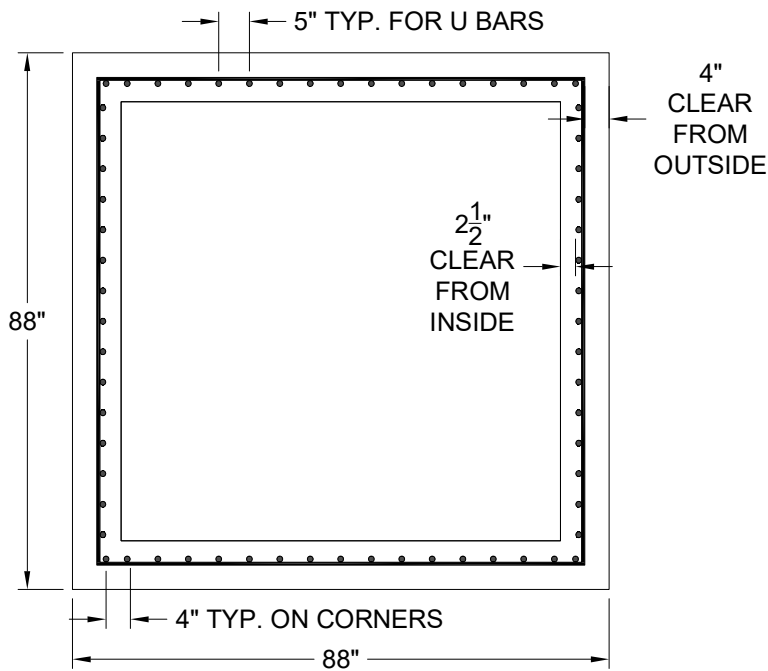
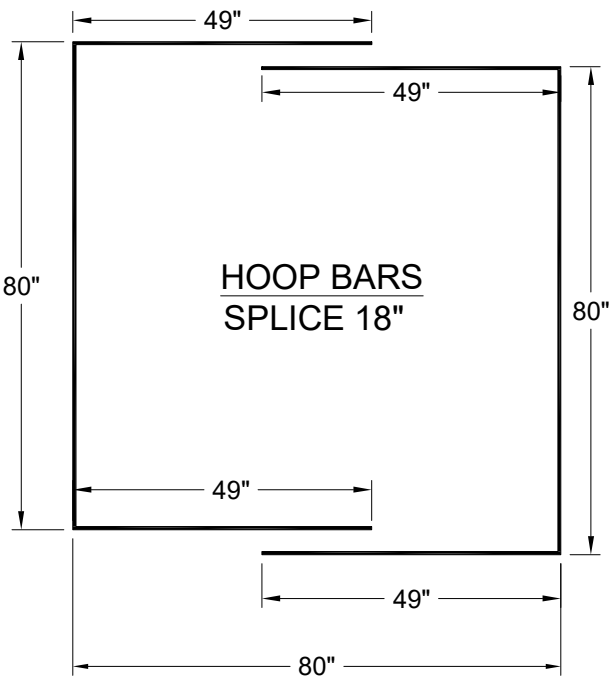
BY:--- DATE:--/--/-- #:△

DRAWN BY: JDE
CHECKED BY: -
DATE DRAWN: 3/6/25

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PLAN VIEW

#4 BLACK REBAR

LENGTH	QTY.	KEY
178"(BENT)	10	HOOPS

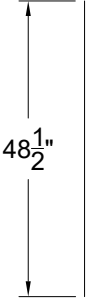
#5 BLACK REBAR

LENGTH	QTY.	KEY
48 1/2"	64	VERTICAL BAR

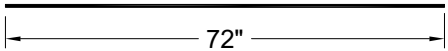
#11 BLACK REBAR

LENGTH	QTY.	KEY
72"	-	REINFORCING BAR

VERTICAL BARS

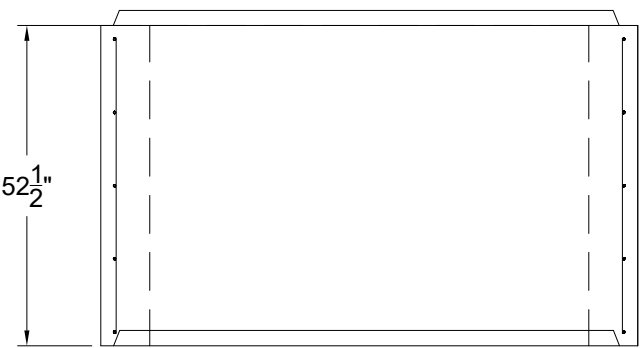


72" x 72" TYPE I MH
RISER REBAR



REINFORCING BARS
PLACE HORIZONTALLY 3" ABOVE
ALL OPENINGS

REINFORCING GRADE 60 BLACK REBAR
BASE: LONG BAR #5 @ 5 O.C. 3" CLR FROM TOP
SHORT BAR #5 @ 5 O.C. 3" CLR FROM TOP
WALL: VERT.BAR #5 @ 5 O.C. 5" CLR FROM INSIDE
HOR. BAR #4 @12 O.C. 4" CLR FROM OUTSIDE



WALLS
PROFILE VIEW

QC CHECKLIST

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PRODUCTION REVISION

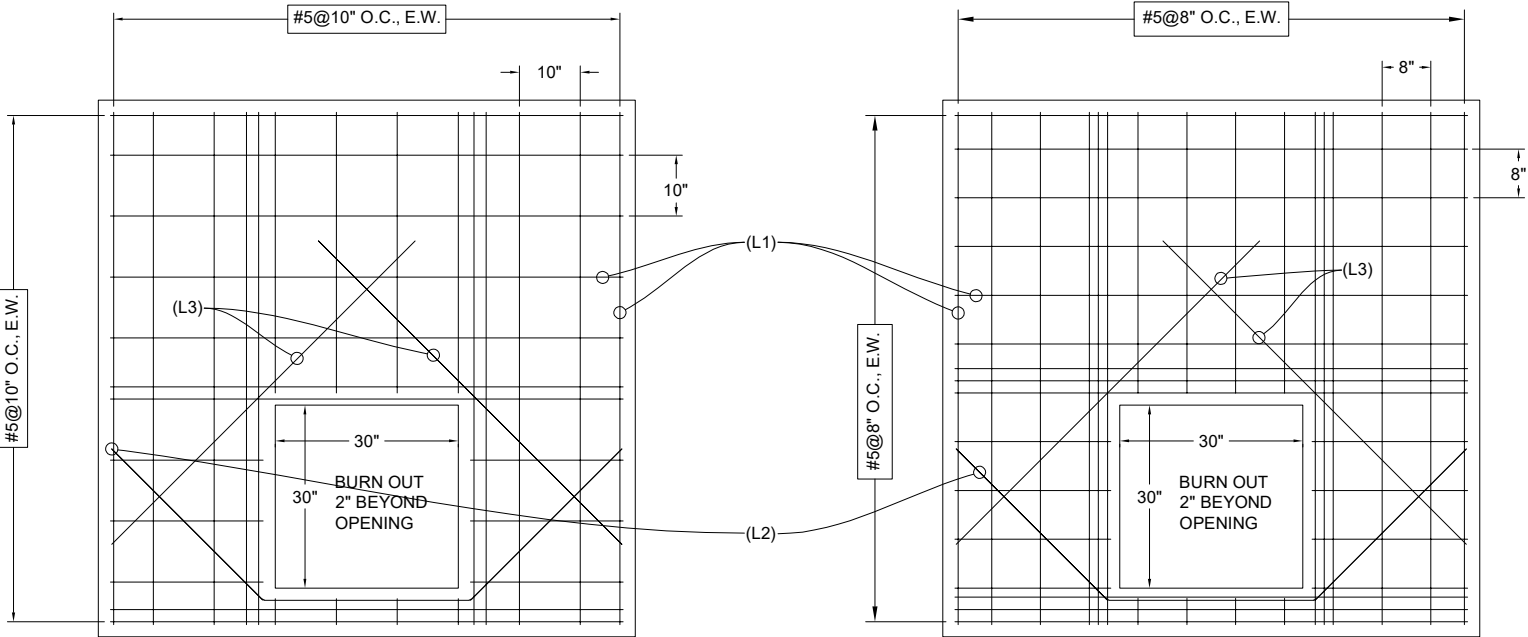
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DRAWN BY: JDE
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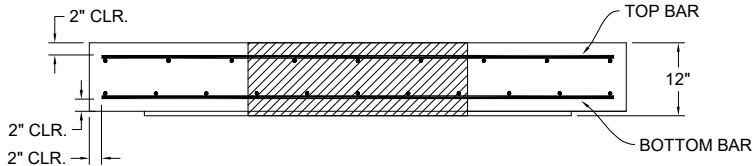


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LID TOP MAT - PLAN VIEW

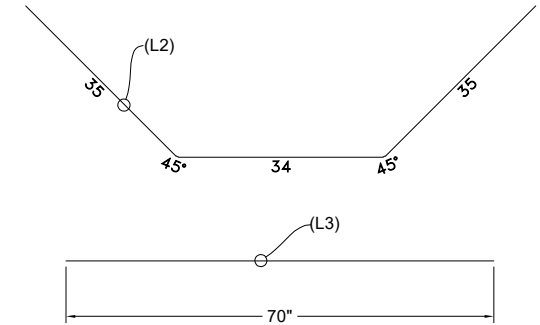
LID BOTTOM MAT - PLAN VIEW



LID - PROFILE VIEW

#5 BLACK REBAR

Size	Mark	Total number	Cutting length [in]	Grade	Note
#5	(L1)	58	84	#60	BAR
#4	(L2)	2	105	#60	ANGLED TRIM BAR
#4	(L3)	4	70	#60	TRIM BAR
Total mass = 451 lb					



TRIM BARS

72" x 72" TYPE I MH
LID REBAR

REINFORCING: GRADE 60 BLACK REBAR

LID TOP MAT: #5 @ 10" O.C., E.W. / 2" CLR.

LID BOTTOM MAT: #5 @ 8" O.C., E.W. / 2" CLEAR

QC CHECKLIST

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