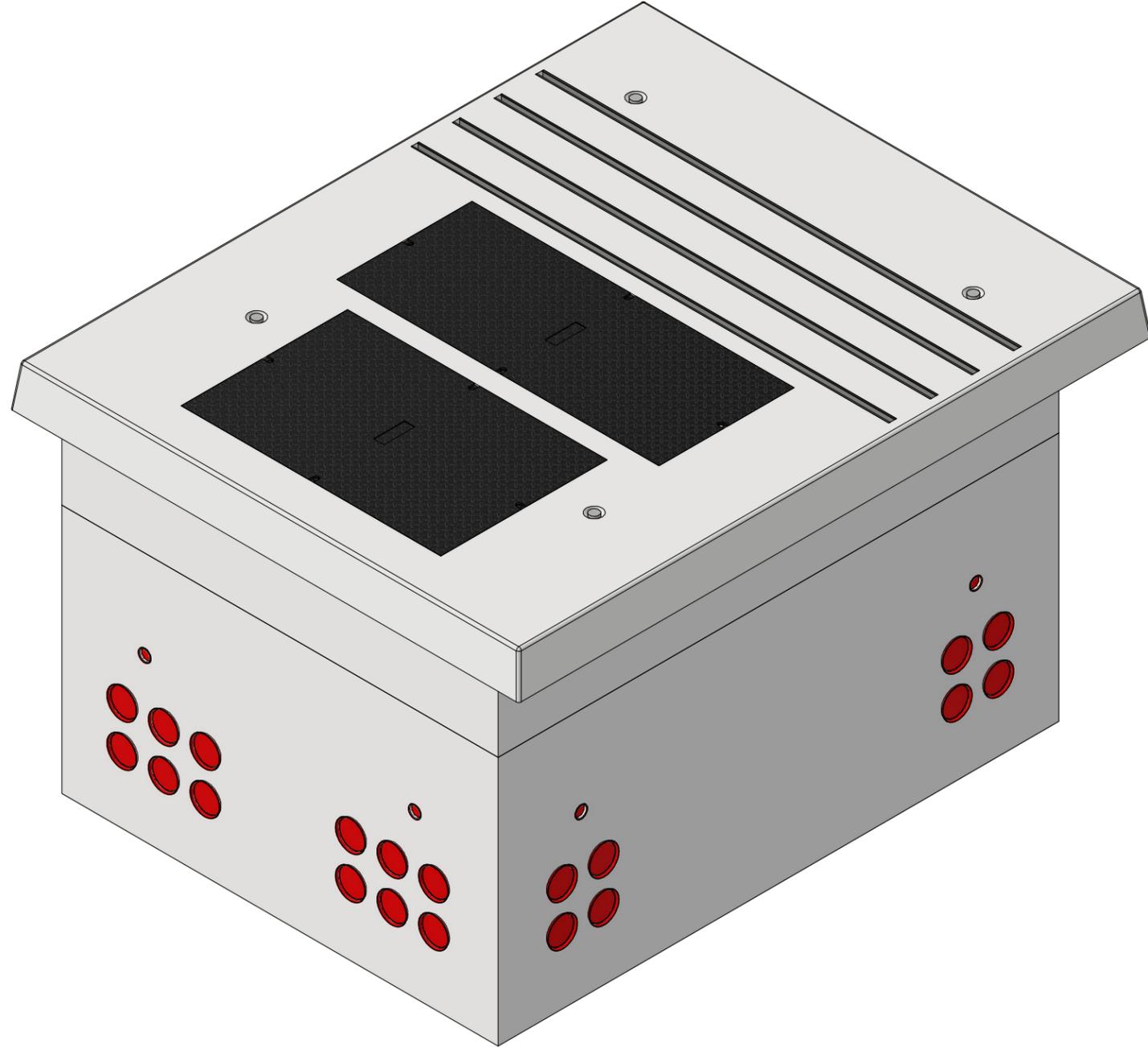


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LADWP UB721-07 8'-0" X 10'-0" PAD, 6'-0" X 8'-0" X 3'-6" VAULT



SHEET INFORMATION	
SHEET No.	DESCRIPTION
1	COVER SHEET
2	OVERVIEW / NOTES
3	6'-0"x 8'-0" LADWP VAULT AND 8'-0"x 10'-0" PAD ASSEMBLY
4	8'-0"x 10'-0" LADWP PAD
5	6'-0"x 8'-0" LADWP EXTENTION
6	6'-0"x 8'-0" LADWP BASE
7	8'-0"x 10'-0" LADWP PAD REINFORCMENT
8	6'-0"x 8'-0" LADWP EXTENTION REINFORCMENT
9	6'-0"x 8'-0" LADWP BASE REINFORCMENT

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F: (805) 584-0769,
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TITLE:
**LADWP
8'-0" x 10'-0" PRECAST PAD
WITH HANDHOLE FOR
PADMOUNT TRANSFORMER
UB721-07**

REV.04 08.11.23 KS

DRAWN BY:
K.Strader
DATE:
2/13/2023
SHEET:
1 OF 9

NOTES:

1. CONCRETE DESIGNED IN ACCORDANCE WITH L.A.D.W.P. SPEC. P178-R8, ACI 318, AND ASTM C857. 5,000 PSI CONCRETE AT 28 DAYS.

MIX DESIGN# 1418638

2. A-706 STEEL REINFORCING.

3. COVERS SHALL BE PROVIDED WITH NON-CORROSIVE FASTENING DEVICE ON THE CENTER LINE OF EACH SIDE (4 SIDES) SUCH THAT A TOOL SHALL BE REQUIRED FOR ITS REMOVAL. COVER SHALL BE HOT DIP GALVANIZED. COVERS AND BOLTS SHALL BE FLUSH WITH CONCRETE SURFACE. THE FRONT COVER SHALL BE GALVANIZED AFTER LADWP LOGO IS BEAD WELDED IN PLACE, IF APPLICABLE. PROVIDE 1#2" OPEN END STAR P35T INSERTS WITH THROUGH HOLE OR CLEAN OUT FOR EACH BOLT.

4. MINIMUM DESIGN: LOADING FOR PAD SLAB SHALL BE LIVE LOAD = 100 LBS/SQ. FT.

DEAD LOAD = 1600 LBS/SQ. FT.

IMPACT = NONE

LATERAL EARTH PRESSURE (SATURATED) = 80PCF

5. ALL STRUTS SHALL BE HOT DIP GALVANIZED CONTINUOUS CONCRETE INSERTS AND SHALL BE FLUSH WITH CONCRETE SURFACE.

6. BACKFILL WITH NATURAL MATERIAL AND PERFORM 90% COMPACTION. AS AN ALTERNATIVE BACKFILL WITH SLURRY-CEMENT CLASS 100-E-100 BACKFILL. BACKFILL UNDER OVERHANG SHALL ONLY BE SLURRY-CEMENT.

7. 10'-0" X 8'-0" X 6" THICK PRECAST PAD IS A PART OF THE PRECAST ASSEMBLAGE. INSTALL PRECAST PAD FLUSH TO TOP OF PRECAST TRANSFORMER PAD. PAD SHALL BE SET ON 6" COMPACTED CRUSHED ROCK 1", GRADE A OR CONCRETE AGGREGATE #3, GRADE B (SSPWC, SUBSECTIONS 200-1.2 & 200-1.4) UNLESS OTHERWISE APPROVED BY THE DEPARTMENT REPRESENTATIVE.

8. END-USERS AND CONTRACTOR: A WORK PERMIT MUST BE OBTAINED BEFORE THE START OF ANY CONSTRUCTION.

9. BATCH INSPECTION AND FIELD INSPECTION REQUIRED FOR ALL FRAMES AND COVERS.

10. EACH CONCRETE SECTION SHALL BE MARKED ON THE INSIDE & OUTSIDE WITH COMPANY NAME AND THE DESIGNATION "DWP-FA-CN" OR "DWP/F-CN-SC" IF SCC MIX USED AND THE DATE OF POUR.

11. VAULT SHALL BE SET ON 6" COMPACTED CRUSHED ROCK 1", GRADE A OR CONCRETE AGGREGATE #3, GRADE B (SSPWC, SUBSECTIONS 200-1.2 & 200-1.4)

MATERIALS LIST			
ITEM	QTY	DESCRIPTION	WEIGHT
1	1	PB6080-42 BASE	9,880 LBS
2	1	P96120 PAD	5,975 LBS
3	1	30x48 PARKWAY DIAMOND PLATE COVER GALV. "LADPW-E"	130 LBS
4	OPTIONAL	24x60 PARKWAY DIAMOND PLATE COVER GALV. "LADWP-E"	N/A
5	4	1-5/8"x 1-5/8"x 92" LONG 12 GAUGE STRUT (UNISTRUT P3200 SERIES)	N/A
6	8	GALV DR ANCHORS FOR LIFTING	N/A
7	40	5" DIA TERMINATORS WITH MEMBRANE	N/A
8	8	1/2"x 1-1/2" COIL THREADED INSERTS	N/A
9	8	2" DIA TERMINATORS WITH MEMBRANE	N/A
10	OPTIONAL	E96120 EXTENTION	2,250 LBS

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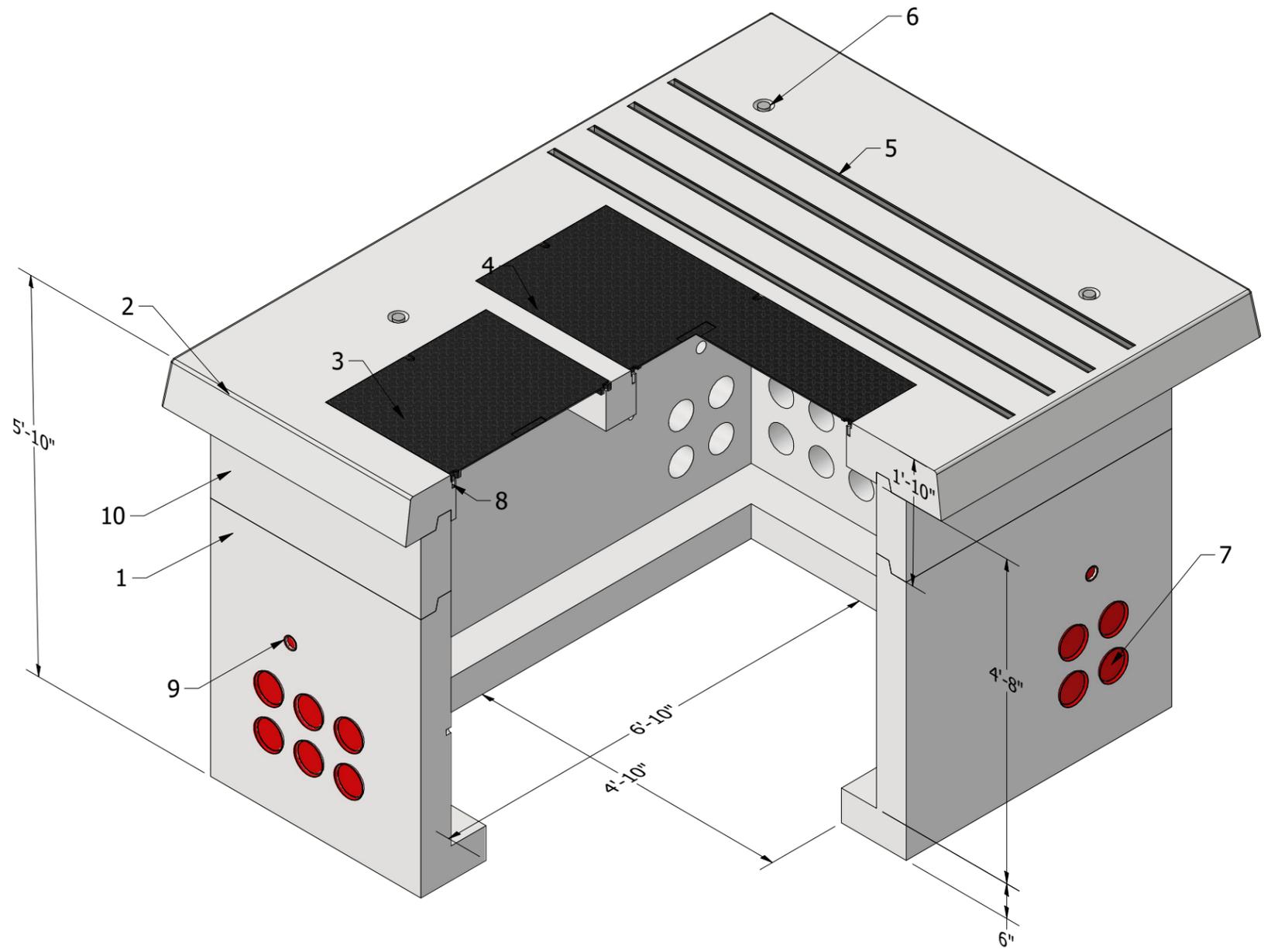


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TITLE:
**LADWP
8'-0" X 10'-0" PAD,
6'-0" X 8'-0" X 3'-6" VAULT**

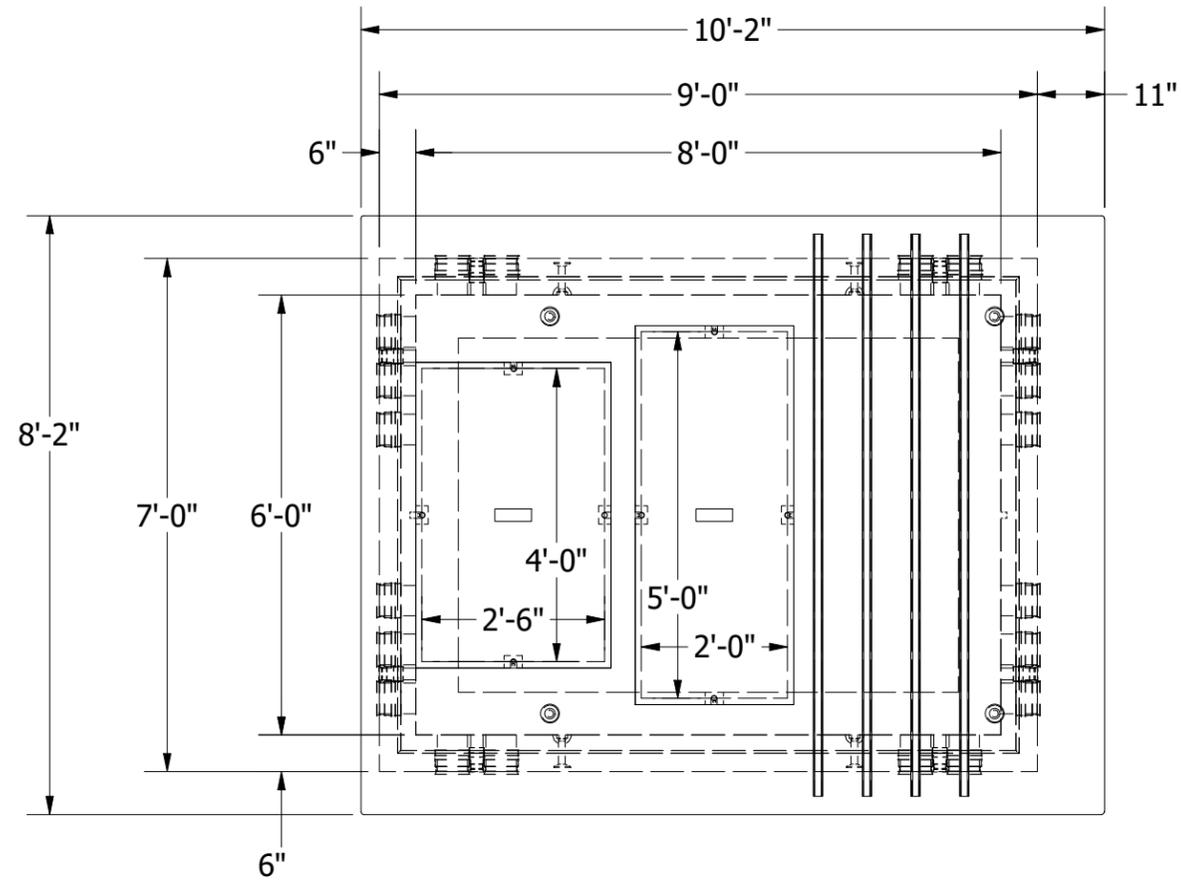
REV.04 08.11.23 KS

DRAWN BY:
K.Strader

DATE:
2/13/2023

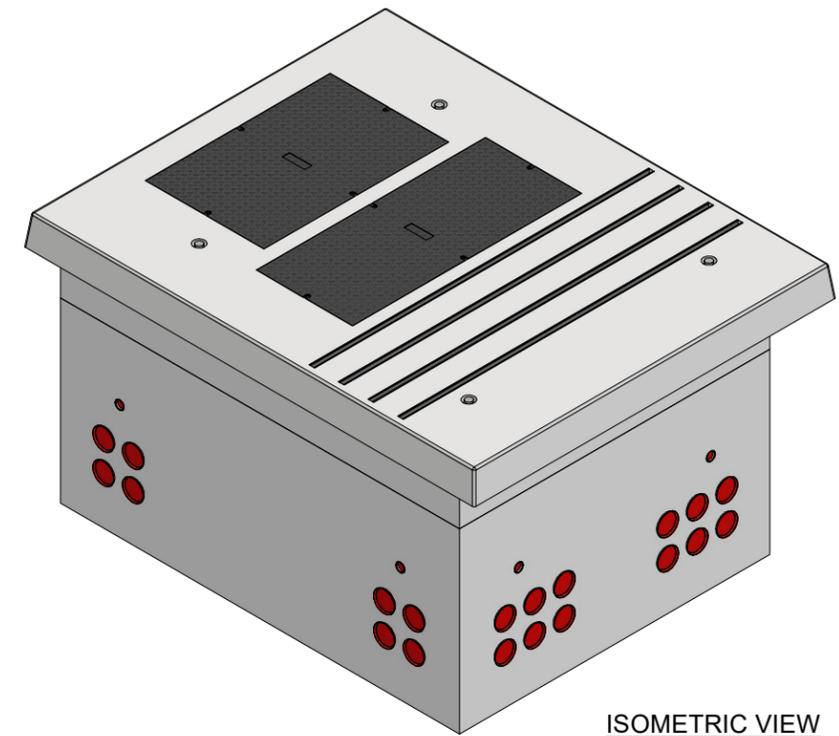
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2 OF 9

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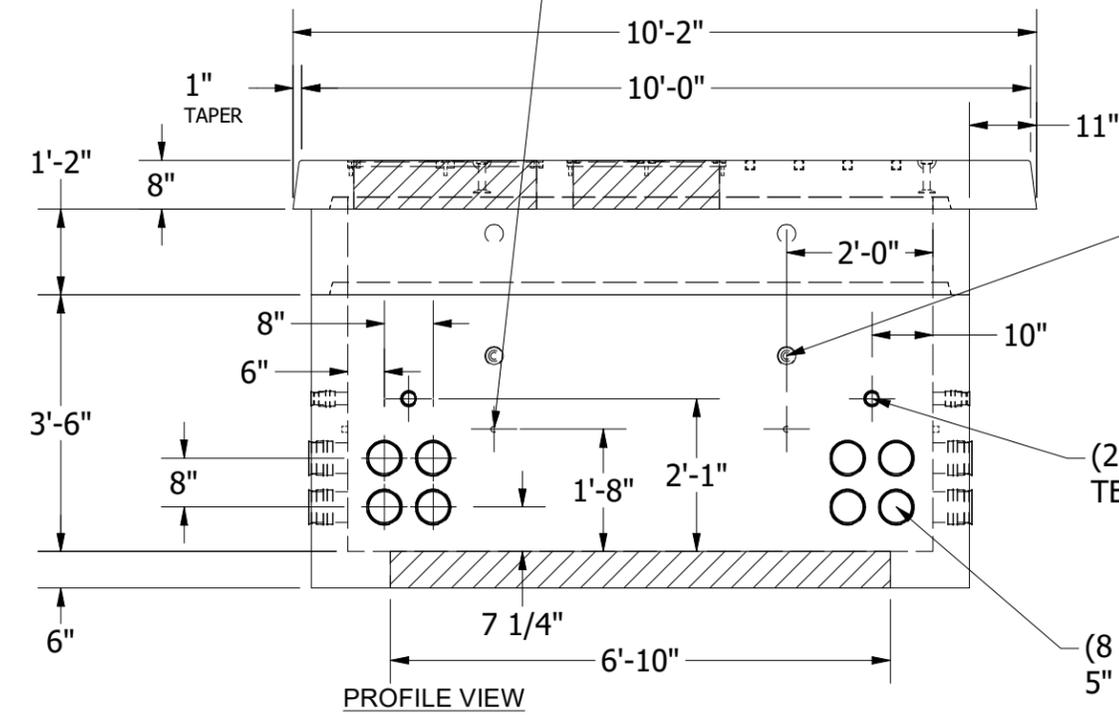
PLAN VIEW

PART INFORMATION			
PART NUMBER	QTY	DESCRIPTION	APPROX. WEIGHT IN LBS
VLT-6080-B	1	6'-0"x 8'-0"x 3'-6" LADWP VAULT	9,880
E96120x12 LADWP	1	8'-0"x 10'-0"x 12" LADWP EXTENTION	2,325
P96120 LADWP	1	8'-0"x 10'-0" LADWP PAD	5,975



ISOMETRIC VIEW

(2 EA LONG, 1 EA SHORT WALL) 1"x 5 1/2" GALV. COIL THREADED INSERT

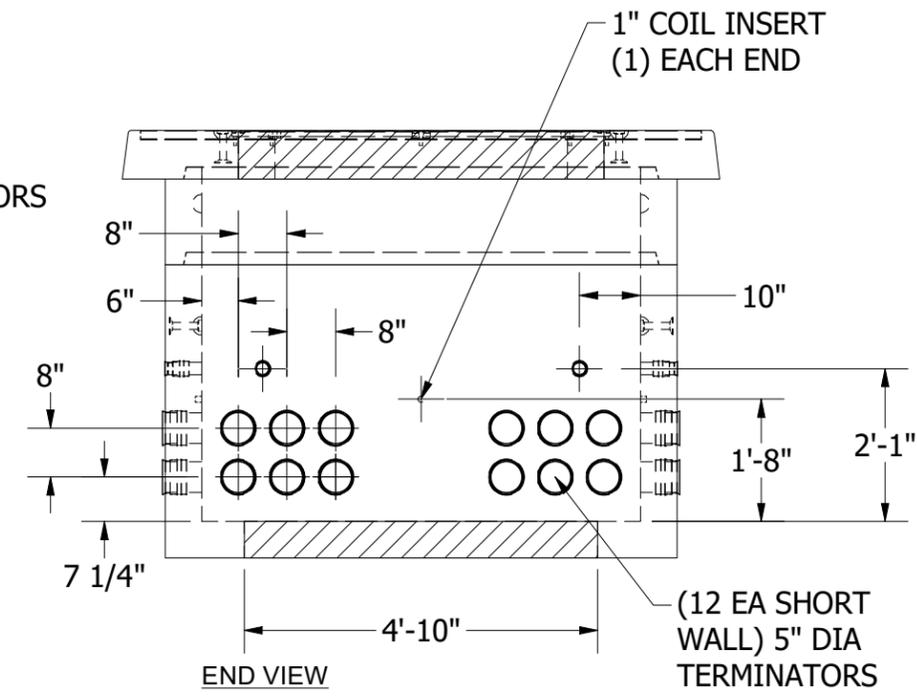


PROFILE VIEW

(12) 2 TON DR ANCHORS CONAC DRA04120HG

(2 EA SIDE) 2" DIA TERMINATORS

(8 EA LONG WALL) 5" DIA TERMINATORS



END VIEW

(12 EA SHORT WALL) 5" DIA TERMINATORS

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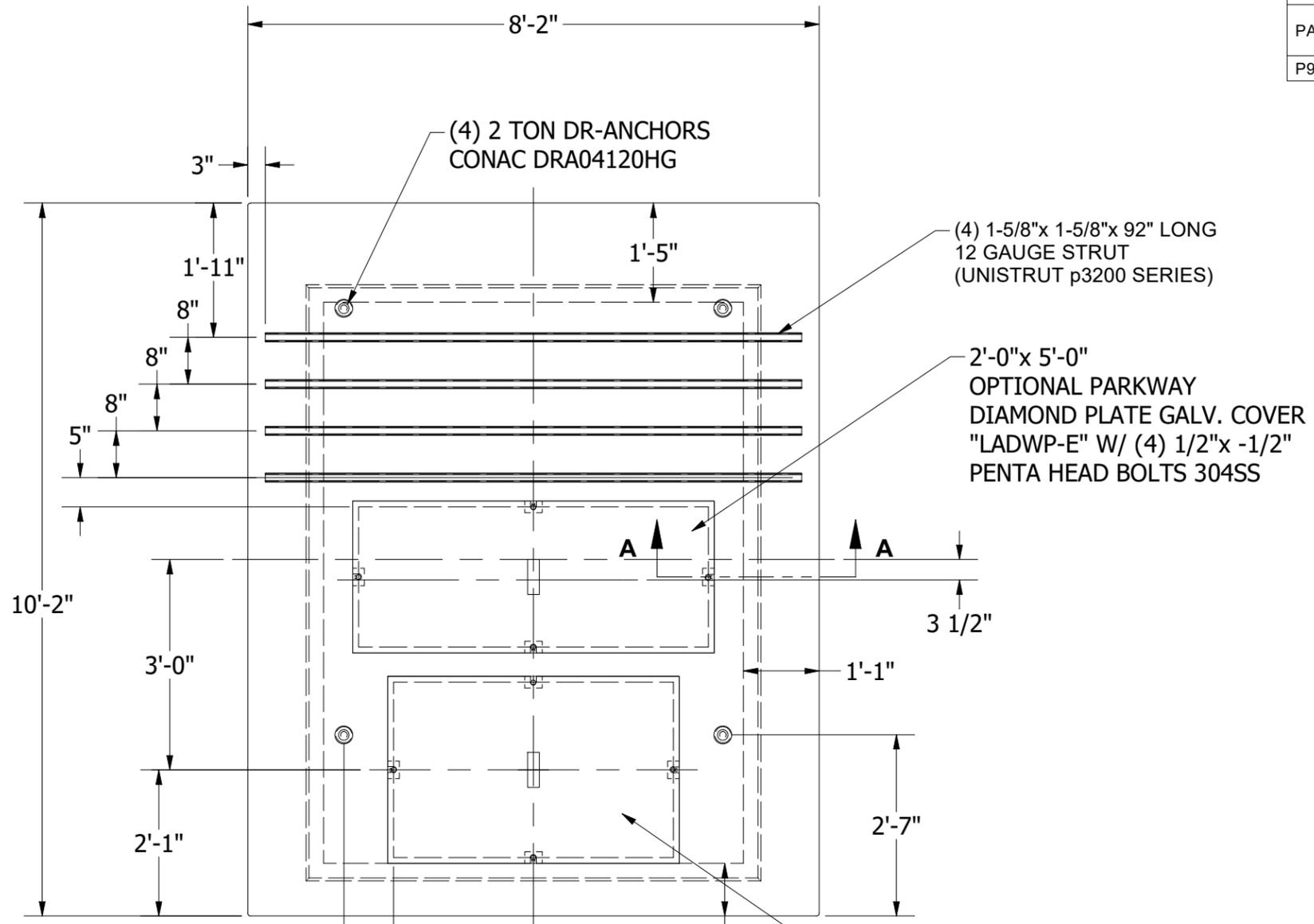
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TITLE:
**LADWP
8'-0"x 10'-0" PAD,
6'-0"x 8'-0"x 3'-6" VAULT**

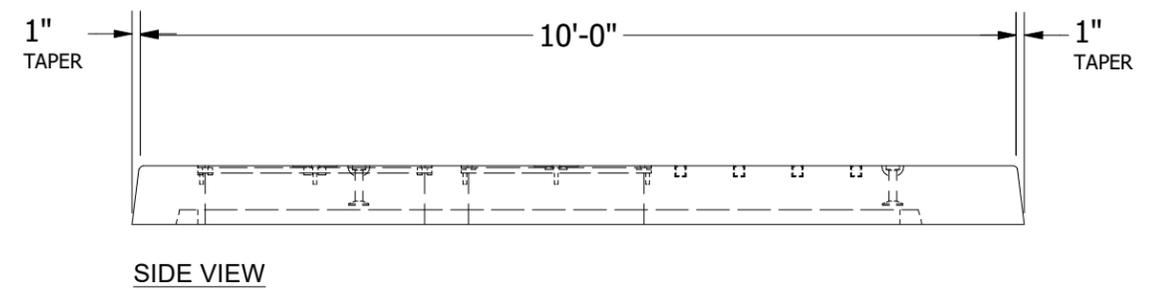
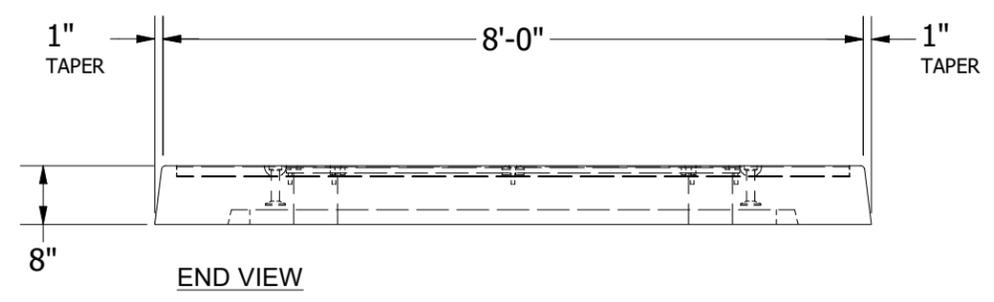
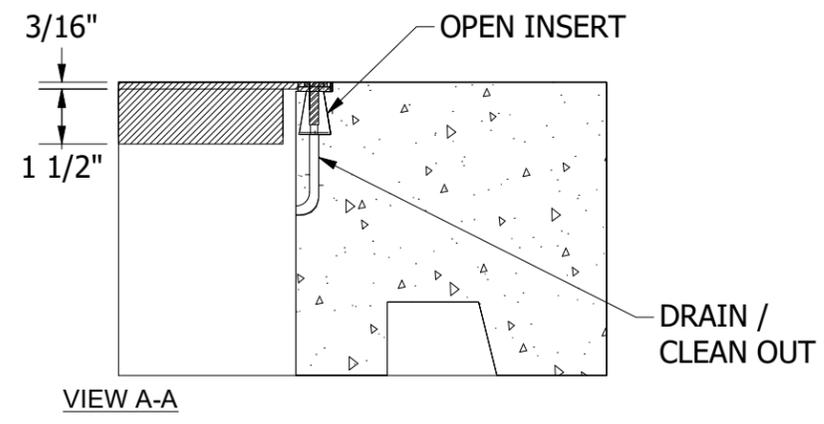
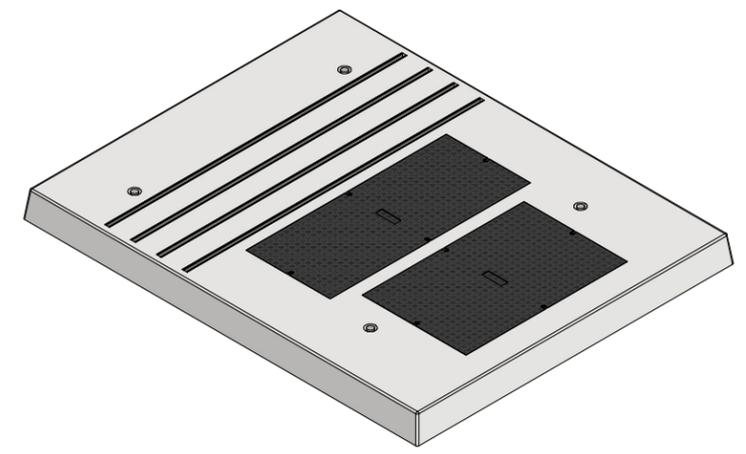
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PART INFORMATION			
PART NUMBER	QTY	DESCRIPTION	APPROX. WEIGHT IN LBS
P96120 LADWP	1	8'-0"x 10'-0" LADWP PAD	5,975



2'-6"x 4'-0"
ACCESS OPENING WITH PARKWAY
DIAMOND PLATE GALV. COVER
"LADWP-E" W/ (4) 1/2"x -1/2"
PENTA HEAD BOLTS 304SS
MADRUGA IRON WORKS LADWP-3048 PG 1

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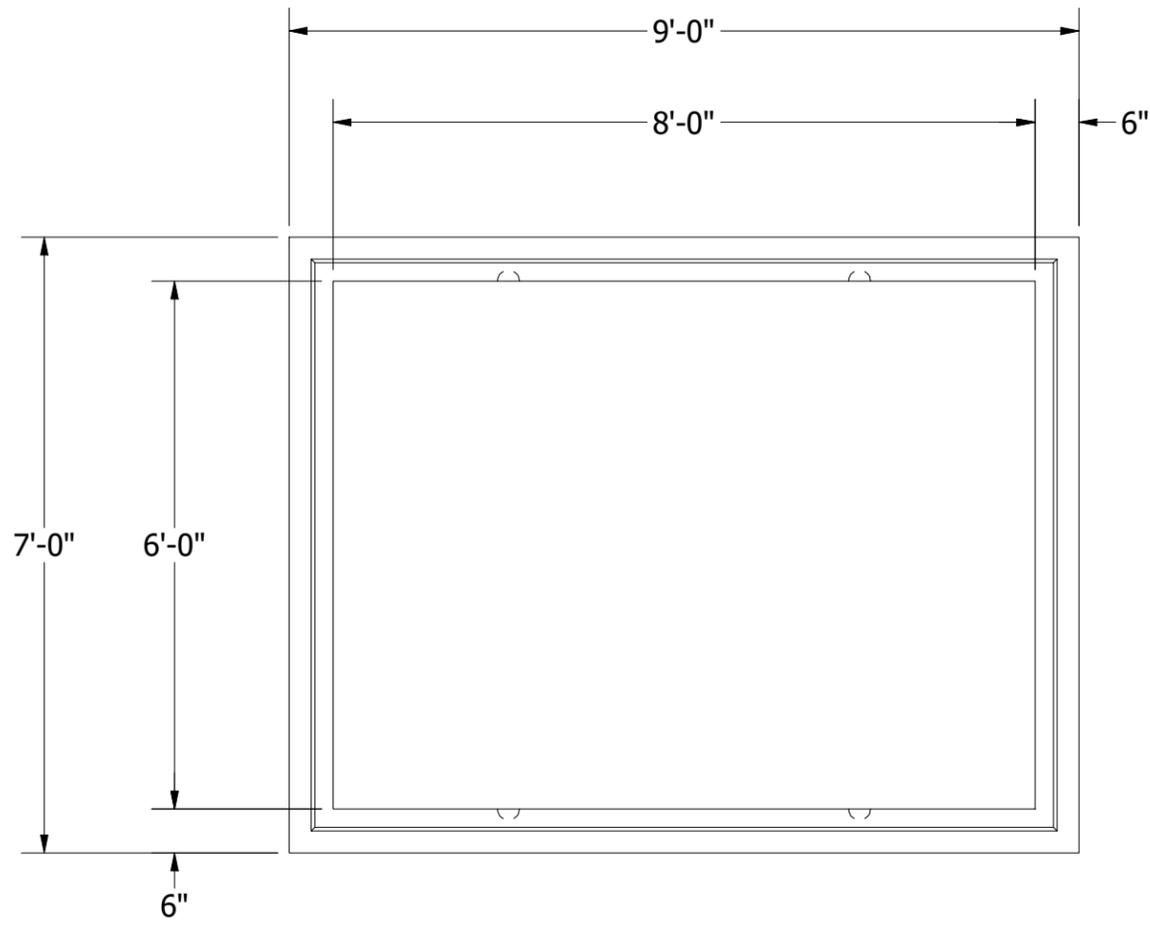
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TITLE:
LADWP PAD,
8'-0"x 10'-0" PAD

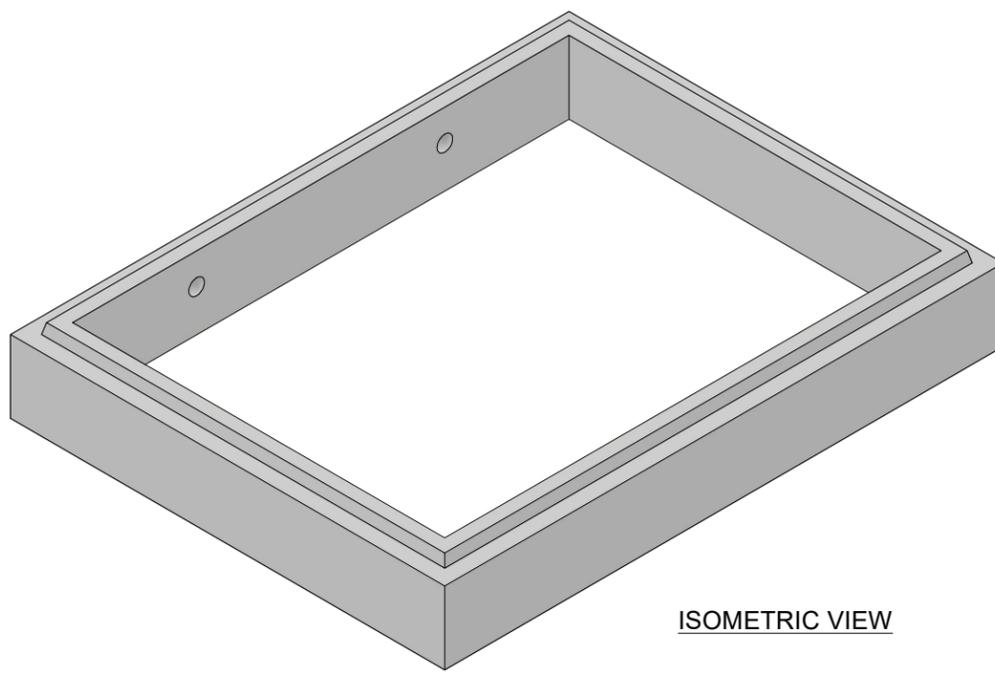
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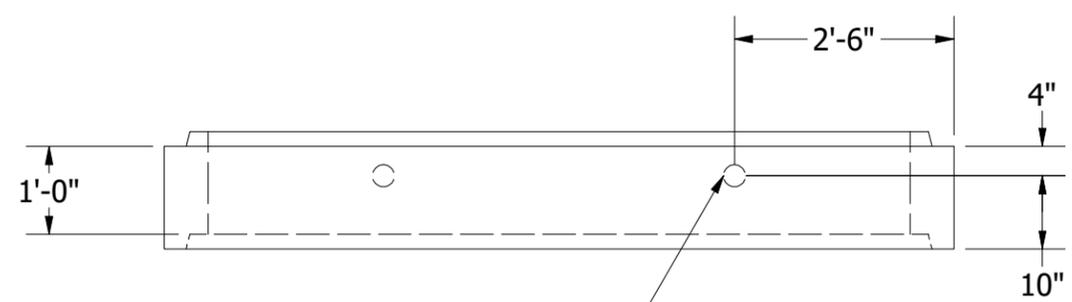
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PLAN VIEW

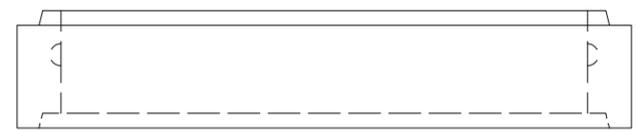


ISOMETRIC VIEW



(4) 2 TON ANCHOR FOR LIFTING
CONAC DRA05045HG OR EQUAL

END VIEW



SIDE VIEW

PART INFORMATION			
PART NUMBER	QTY	DESCRIPTION	APPROX. WEIGHT IN LBS
E96120x12 LADWP	1	8'-0"x 10'-0"x 12" LADWP EXTENTION	2,325

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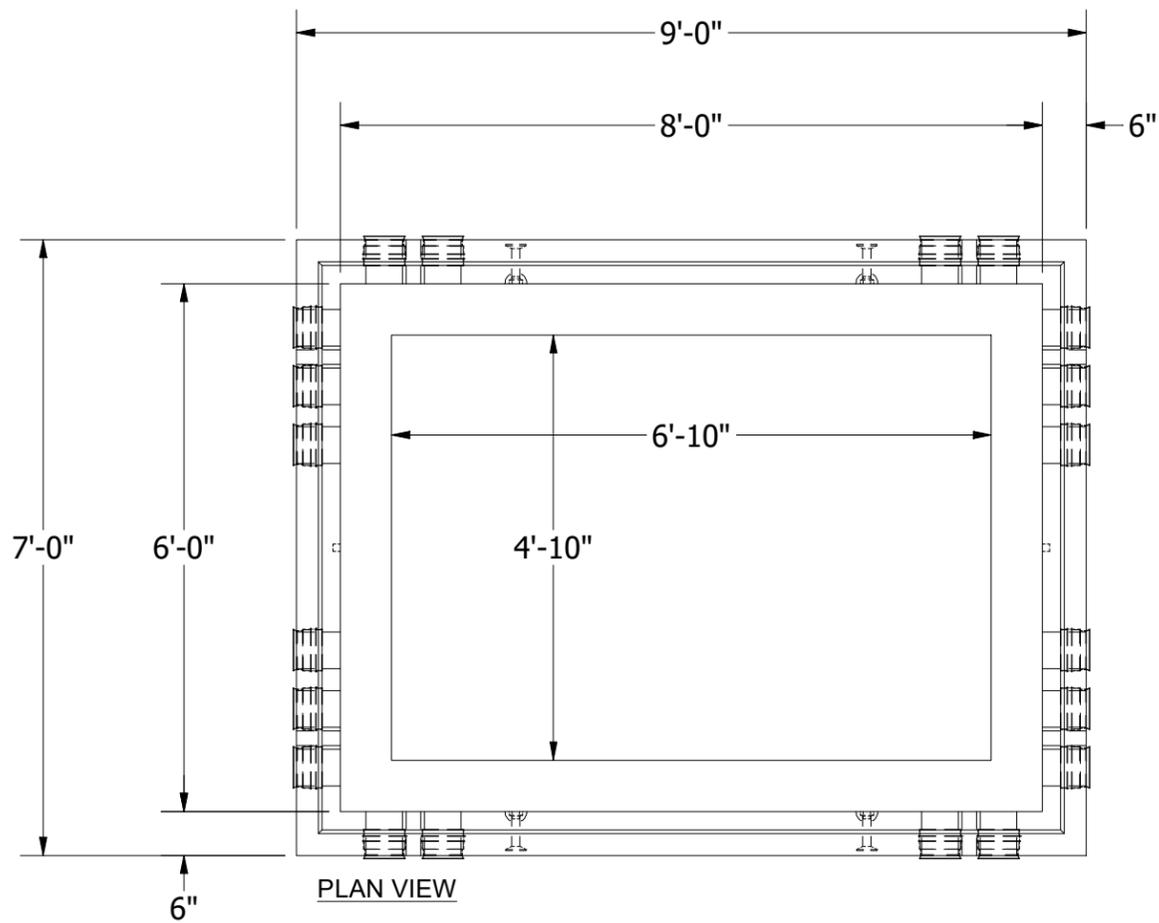
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**6'-0" x 8'-0" x 12"
LADWP EXTENTION,**

REV.04.08.11.23 KS

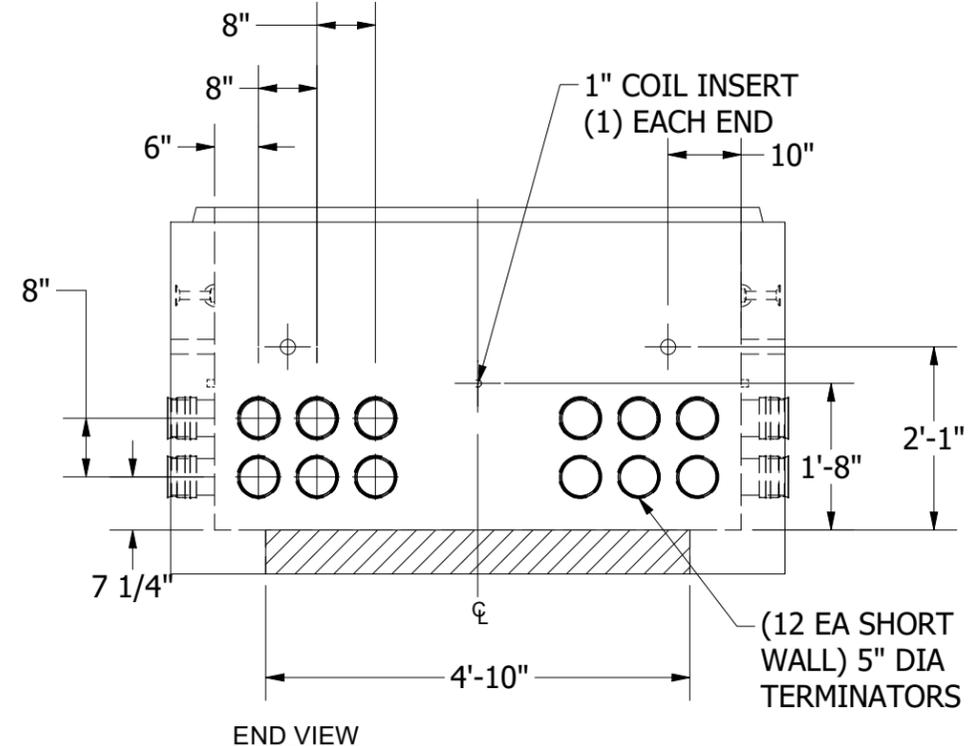
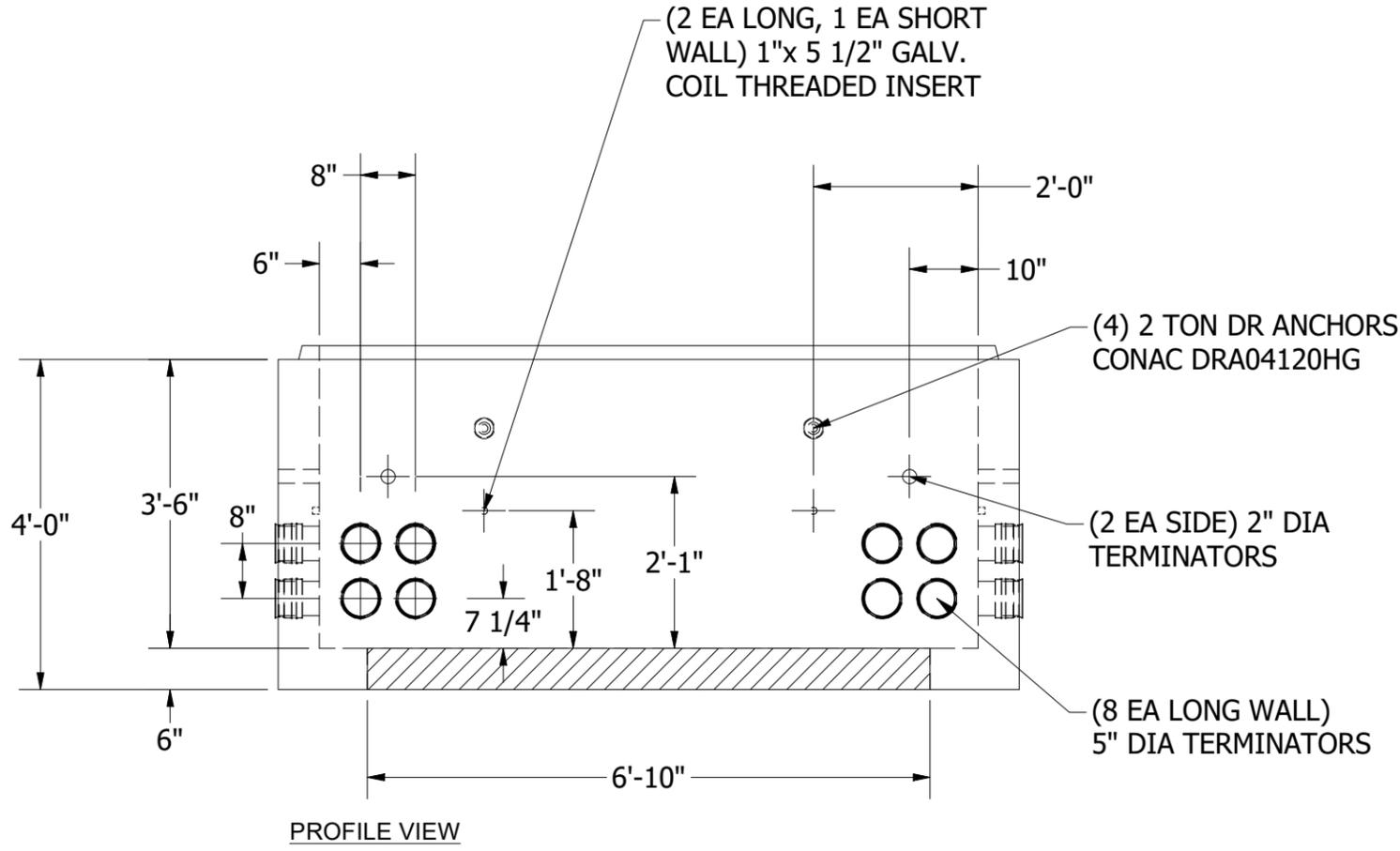
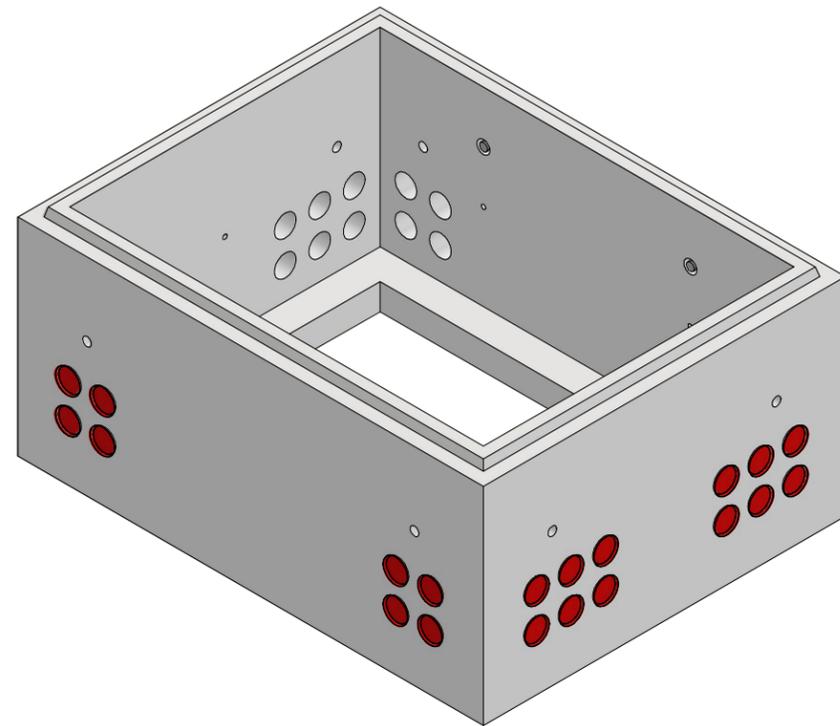
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K.Strader

DATE:
2/13/2023

SHEET:
5 OF 9



PART INFORMATION			
PART NUMBER	QTY	DESCRIPTION	APPROX. WEIGHT IN LBS
VLT-6080-B	1	6'-0"x 8'-0"x 3'-6" LADWP VAULT	9,880



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TITLE:
**LADWP VAULT,
6'-0" X 8'-0" X 3'-6" VAULT**

DRAWN BY:
K.Strader

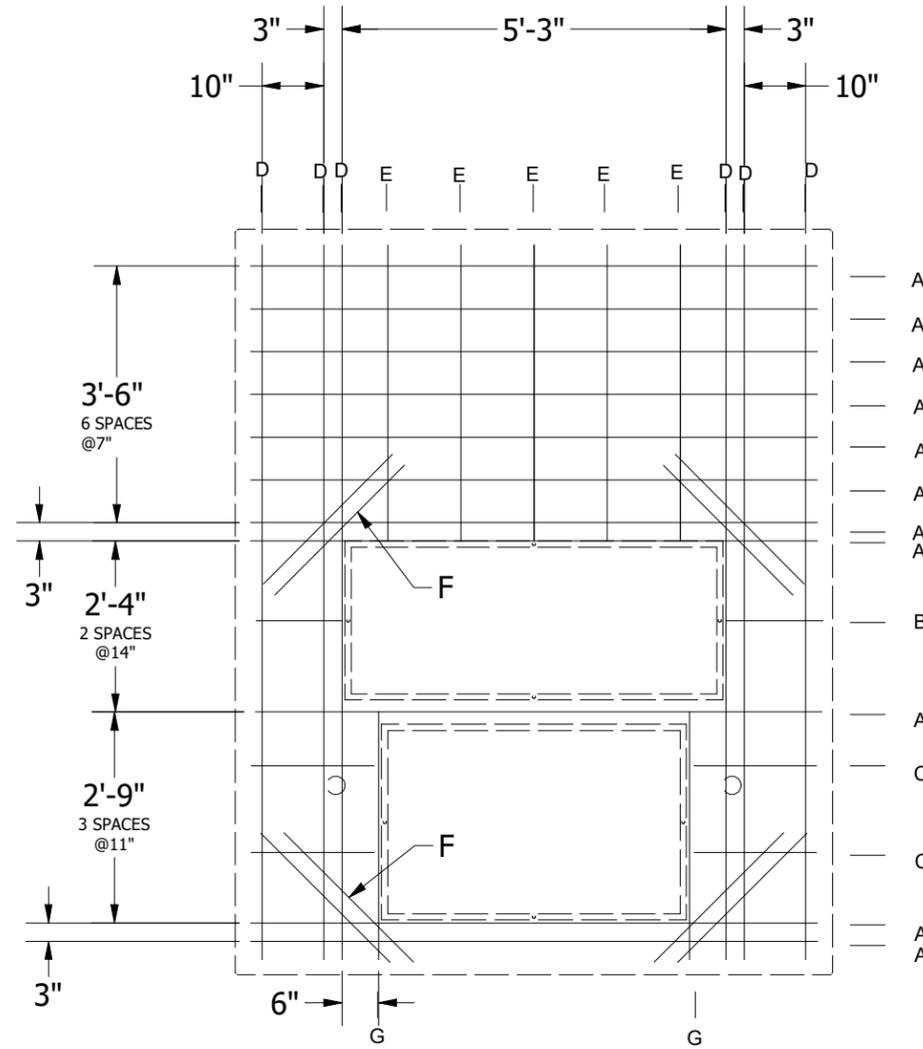
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2/13/2023

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6 OF 9

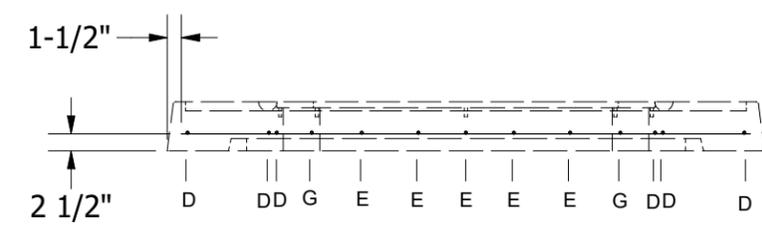
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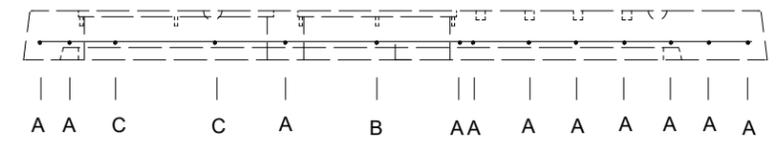
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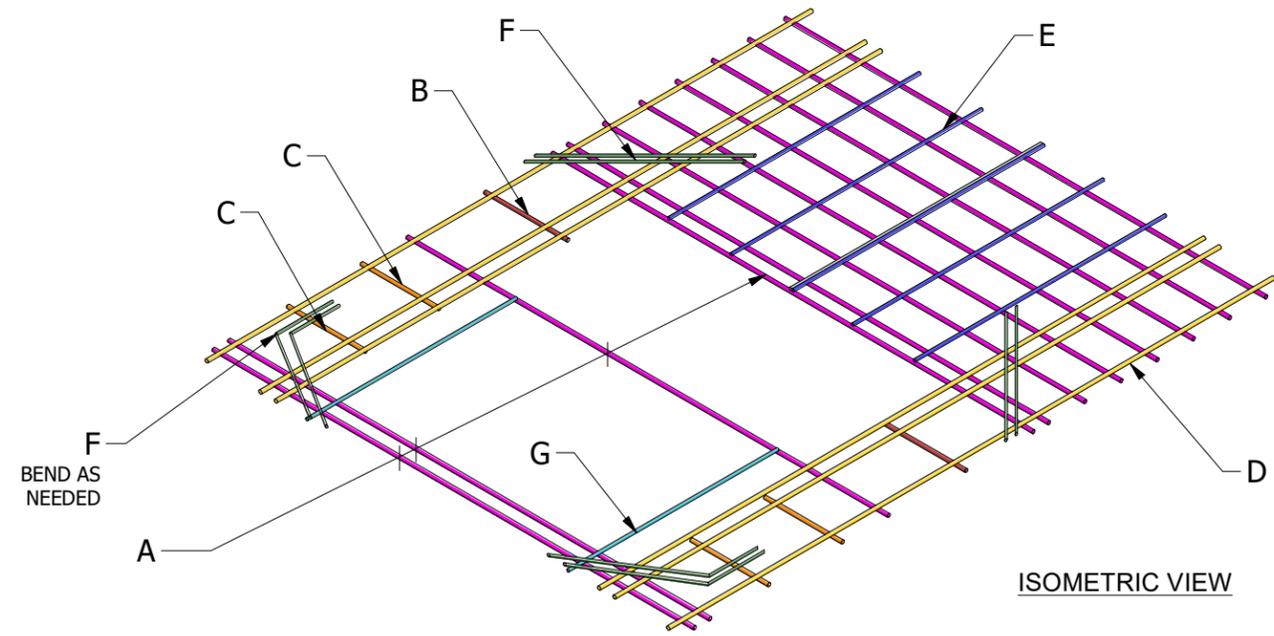
PLAN VIEW
EMBEDS NOT SHOWN FOR CLARITY



END VIEW



SIDE VIEW



ISOMETRIC VIEW

STEEL INFORMATION			
MARK	QTY	REBAR	DESCRIPTION
A	11	#5	STRAIGHT BAR 93"
B	2	#5	STRAIGHT BAR 14"
C	4	#5	STRAIGHT BAR 20"
D	6	#5	STRAIGHT BAR 105"
E	5	#4	STRAIGHT BAR 105"
F	8	#5	DIAGONALS 30"
G	2	#4	STRAIGHT BAR 40-1/2"

MIN CLEAR FROM ALL SURFACES 1-1/2"

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TITLE:
**LADWP PAD,
8'-0" X 10'-0" PAD,
REINFORCING**

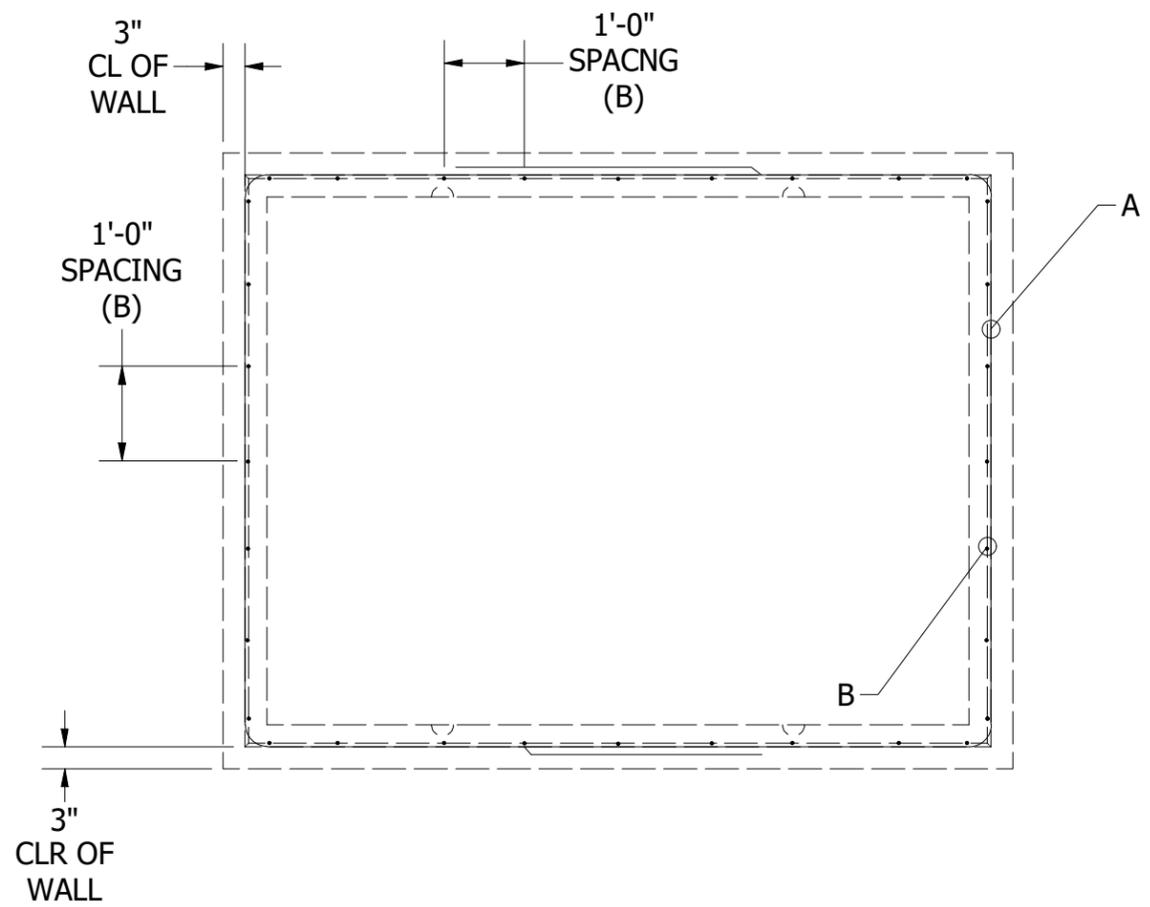
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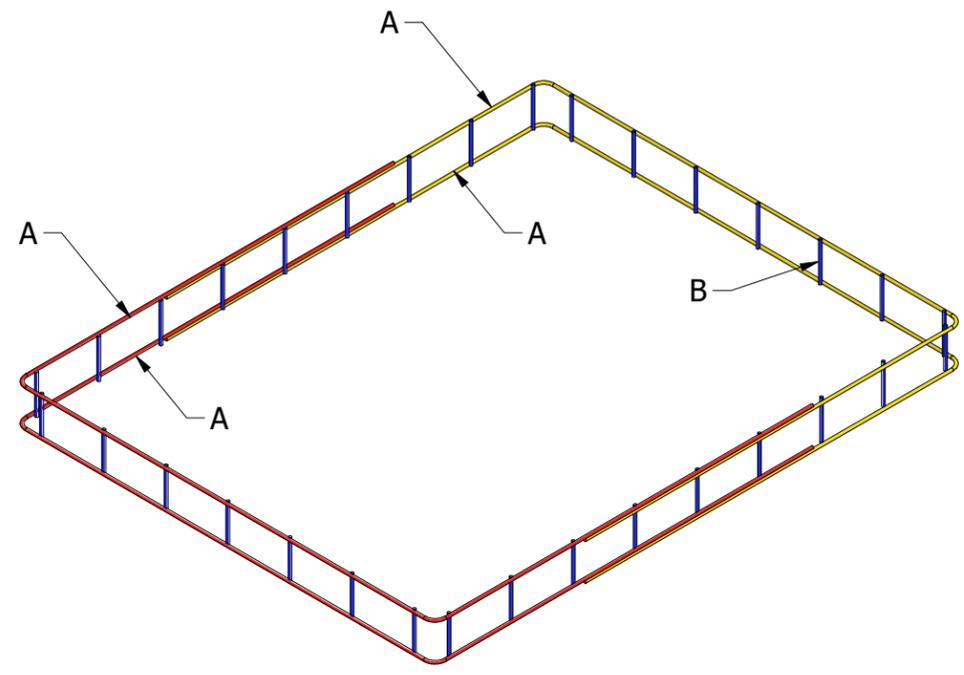
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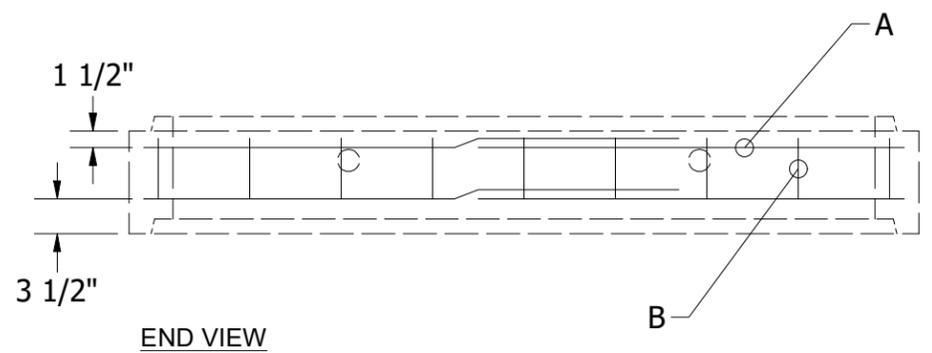
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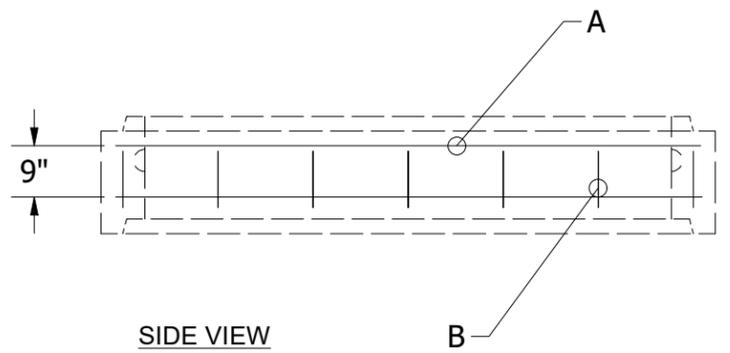
PLAN VIEW



ISOMETRIC VIEW



END VIEW



SIDE VIEW

STEEL INFORMATION			
MARK	QTY	REBAR	DESCRIPTION
A	2 SETS	#4	U BARS 81" 73" w/ 20" LAP
B	32	#4	STRAIGHT BAR 9"

MIN CLEAR FROM ALL SURFACES 1-1/2"

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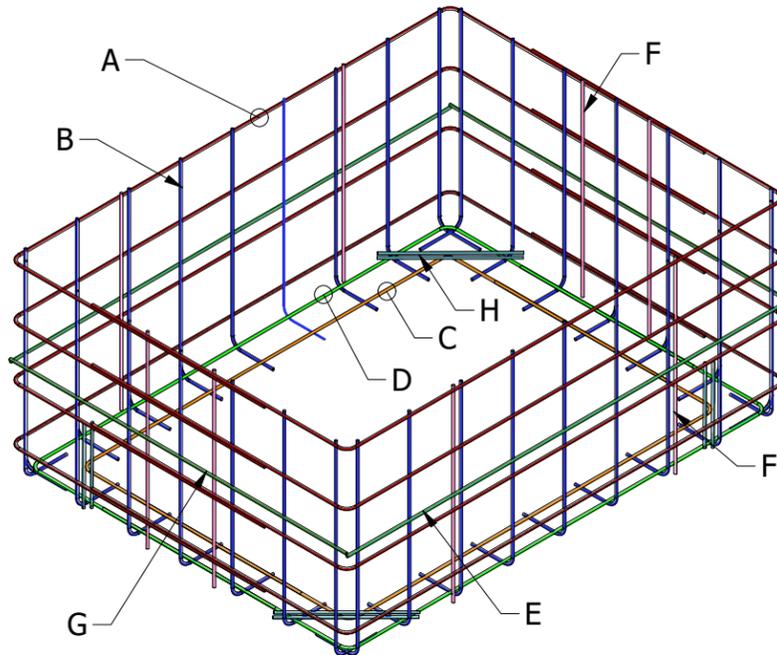
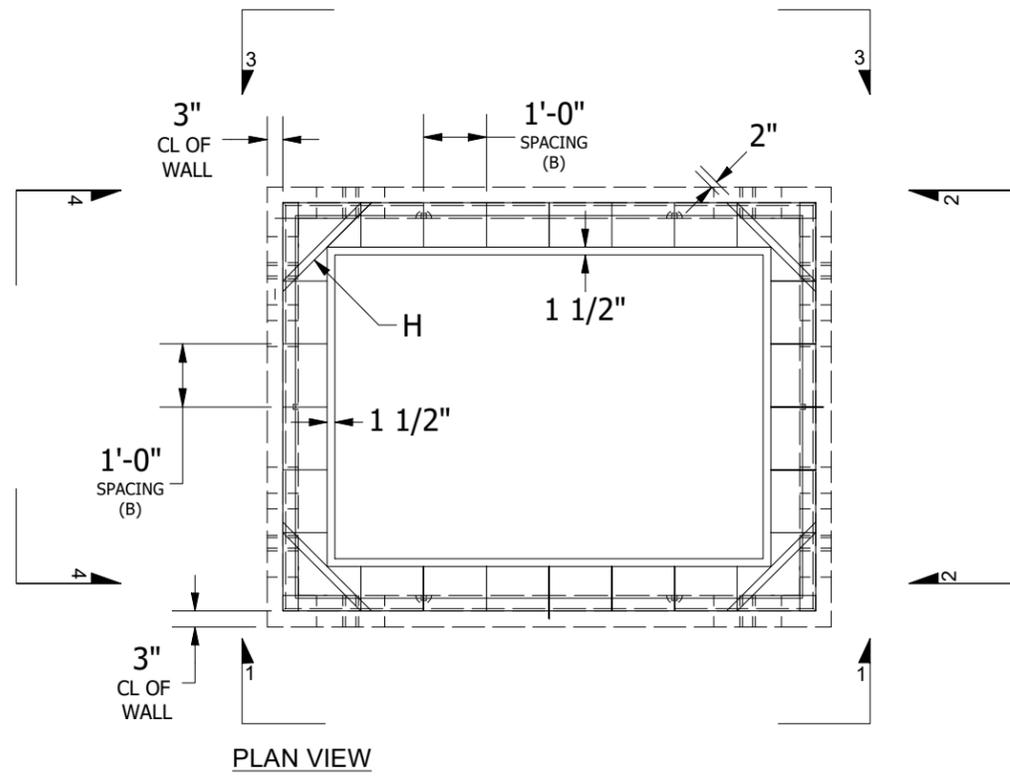


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TITLE:
**LADWP VAULT,
 6'-0" X 8'-0" EXTENSION,
 REINFORCING**

REV.04 08.11.23 KS

DRAWN BY:
K.Strader
 DATE:
2/13/2023
 SHEET:
8 OF 9



STEEL INFORMATION						
MARK	QTY	REBAR	DESCRIPTION			
A	4 SETS	#4	"U" BARS	102"	59"	w/20" LAP
B	32	#4	"L" BAR	8-1/2"		
C	1 SET	#4	"U" BARS	85"	51"	w/20" LAP
D	1 SET	#4	"U" BARS	97"	57"	w/20" LAP
E	2	#4	STRAIGHT BAR	102"		
F	8	#4	STRAIGHT BAR	43-1/2"		
G	2	#4	STRAIGHT BAR	78"		
H	8	#4	DIAGONALS	24"		

MIN CLEAR FROM ALL SURFACES 1-1/2"

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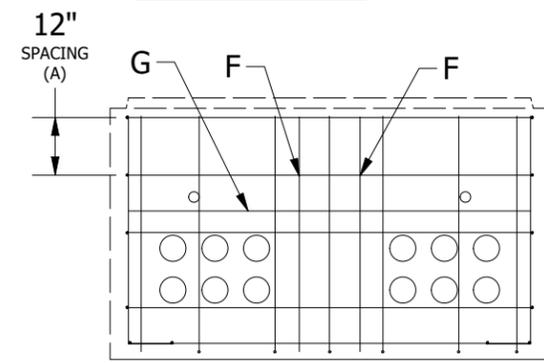
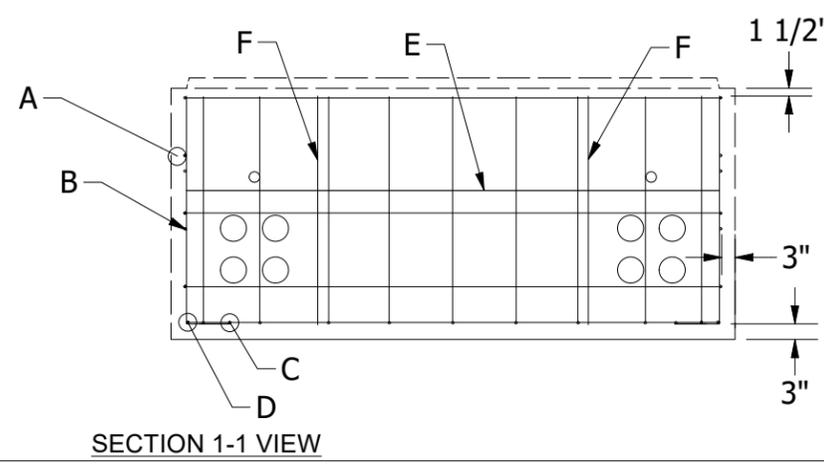
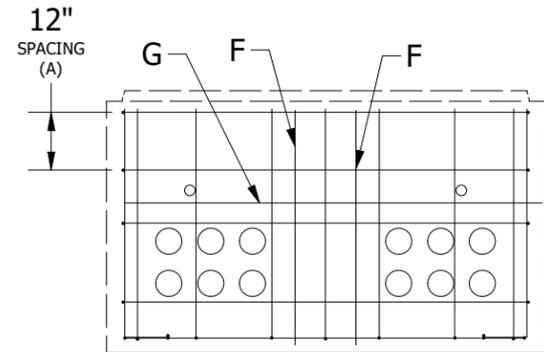
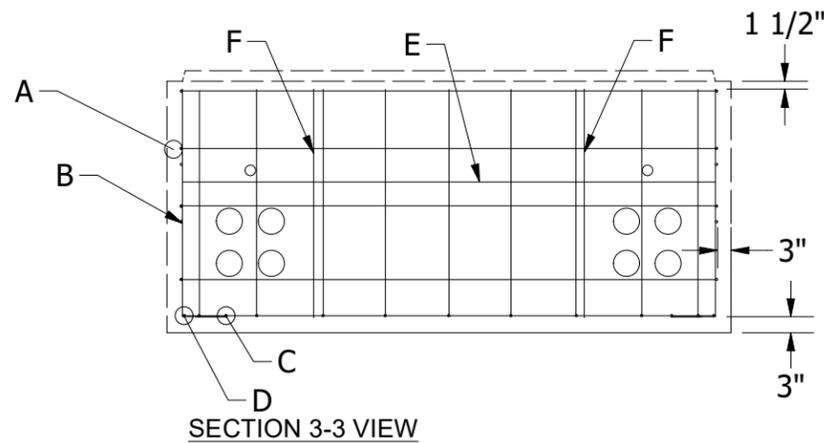


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TITLE:
**LADWP VAULT,
6'-0" x 8'-0" x 3'-6" VAULT,
REINFORCING**

REV.04 08.11.23 KS

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K.Strader
DATE:
2/13/2023
SHEET:
9 OF 9



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