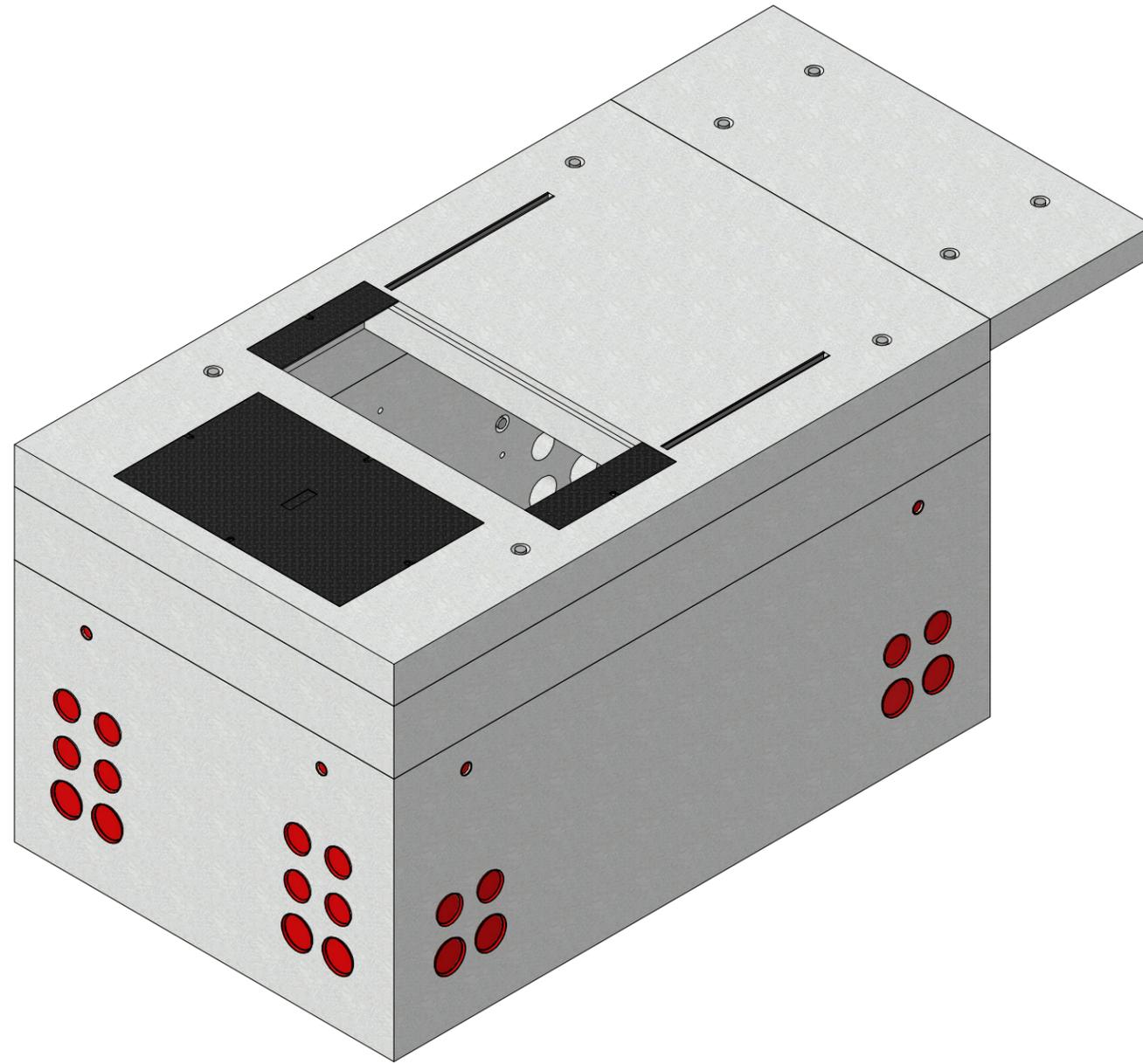


LOCATION: T:\Drawings\Vault\DESIGNS\Boxes\LADWP\7x 11 PAD w6x10x60 BOX 11X17 w STAMP.dwg

LADWP UB721-14

7'-0" X 11'-0" PAD, 6'-0" X 10'-0" X 5'-0" VAULT



SHEET INFORMATION	
SHEET No.	DESCRIPTION
1	COVER SHEET
2	OVERVIEW / NOTES
3	6'-0"x 10'-0" LADWP VAULT AND 7'-0"x 11'-0" PAD ASSEMBLY
4	3'-0"x 7'-0" LADWP PAD
5	7'-0"x 11'-0" LADWP PAD
6	6'-0"x 10'-0" LADWP EXTENTION
7	6'-0"x 10'-0" LADWP BASE
8	3'-0"x 7'-0" LADWP PAD REINFORCMENT
9	7'-0"x 11'-0" LADWP PAD REINFORCMENT
10	6'-0"x 10'-0" LADWP EXTENTION REINFORCMENT
11	6'-0"x 10'-0" LADWP BASE REINFORCMENT

THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING, COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE



240 W. LOS ANGELES AVE.
SIMI VALLEY, CA 93065
P: (805) 527-0841
F: (805) 584-0769,
WWW.PRE-CONPRODUCTS.COM

TITLE:
**LADWP
7'-0" X 11'-0" PRECAST PAD
FOR PADMOUNT SF₆
SWITCH GEAR
UB721-14**

REV.04 08.11.23 KS

DRAWN BY:
K.Strader

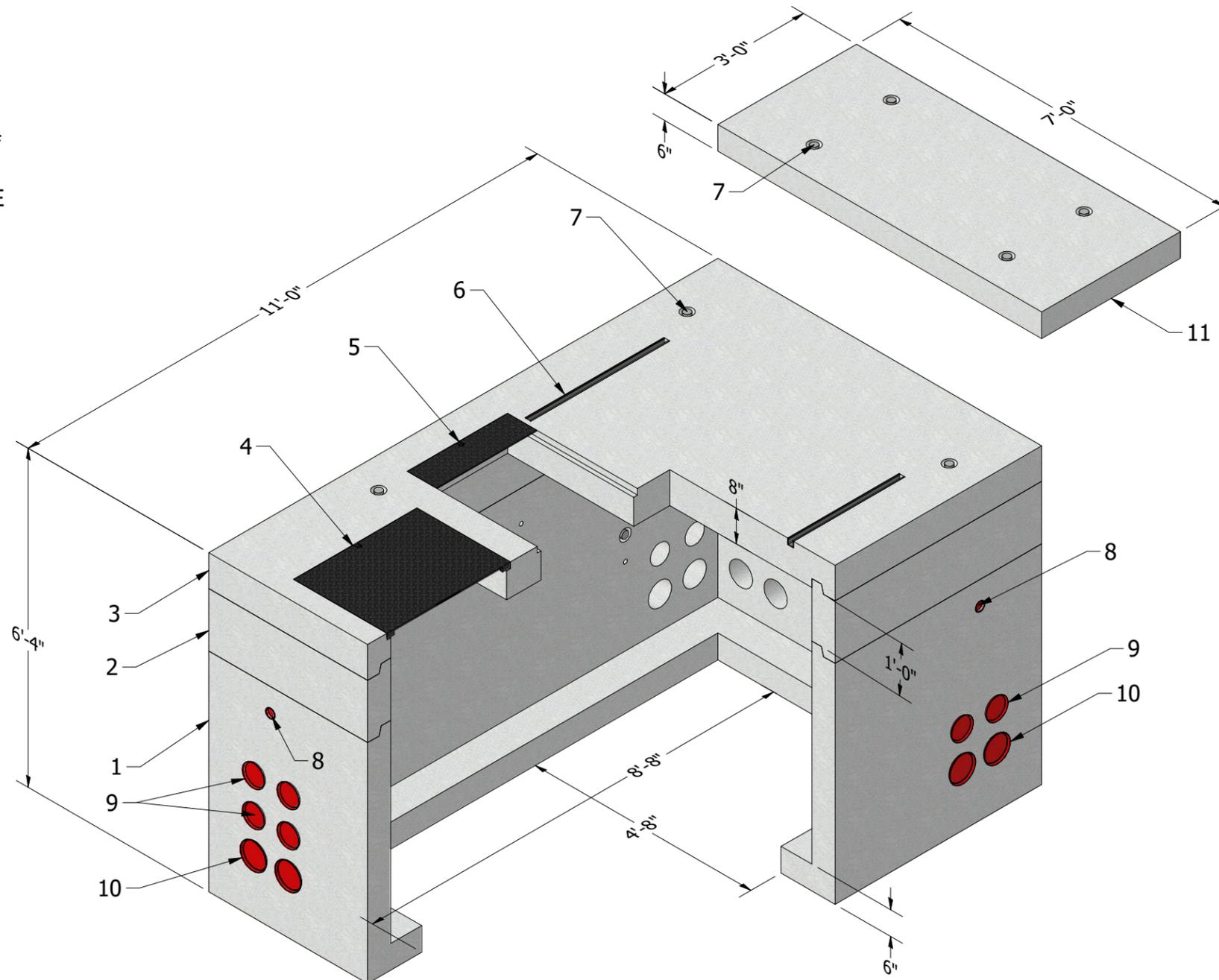
DATE:
2/13/2023

SHEET:
1 OF 11

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. COVER SHALL BE PROVIDED WITH 6 1/2" NON-CORROSIVE PENTA HEAD BOLTS WITH PLASTIC INSERTS WITH THROUGH HOLES FOR CLEANOUT. COVER AND BOLTS SHALL BE FLUSH WITH THE CONCRETE SURFACE. COVER SHALL BE HOT DIP GALVANIZED AFTER LADWP LOGO IS BEAD WELDED IN PLACE. IF APPLICABLE.
4. MINIMUM DESIGN: LOADING FOR PAD SLAB SHALL BE
LIVE LOAD = 100 LBS/SQ. FT.
DEAD LOAD = 400 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 SLURRY-CEMENT CONCRETE CLASS 100-E-100 BACKFILL.
6. 3'-0" x 7'-0" x 6" THICK PRECAST PAD IS A PART OF THE PRECAST ASSEMBLY. INSTALL PRECAST PAD FLUSH TO TOP OF PRECAST TRANSFORMER PAD. PAD SHALL BE SET ON 4" MIN COMPACTED LEVEL BED OF NATURAL MATERIAL OR CRUSHED AGGREGATE BASE. UNLESS OTHERWISE APPROVED BY THE DEPARTMENT REPRESENTATIVE.
7. END-USERS AND CONTRACTOR A WORK PERMIT MUST BE OBTAINED BEFORE THE START OF ANY CONSTRUCTION.
8. BATCH INSPECTION AND FIELD INSPECTION REQUIRED FOR ALL FRAMES AND COVERS.

MATERIALS LIST			
ITEM	QTY	DESCRIPTION	WEIGHT
1	1	PB60100-60 BASE	15,205 LBS
2	1	60100x12	2,550 LBS
3	1	P84132 PAD	5,530 LBS
4	1	30x48 PARKWAY DIAMOND PLATE COVER GALV. "LADPW-E"	130 LBS
5	2	ADAPTOR PLATE 7-1/2"x 27-1/2"x 3/16" GALV. DIAMOND PLATE (2 REQUIRED)	N/A
6	2	1-5/8"x 1-5/8"x 92" LONG 12 GAUGE STRUT (UNISTRUT P3200 SERIES)	N/A
7	16	GALV DR ANCHORS FOR LIFTING	N/A
8	8	2" DIA TERMINATORS WITH MEMBRANE	N/A
9	24	5" DIA TERMINATORS WITH MEMBRANE	N/A
10	16	6" DIA TERMINATORS WITH MEMBRANE	N/A
11	1	P3648 PAD	1,575 LBS



THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING, COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE

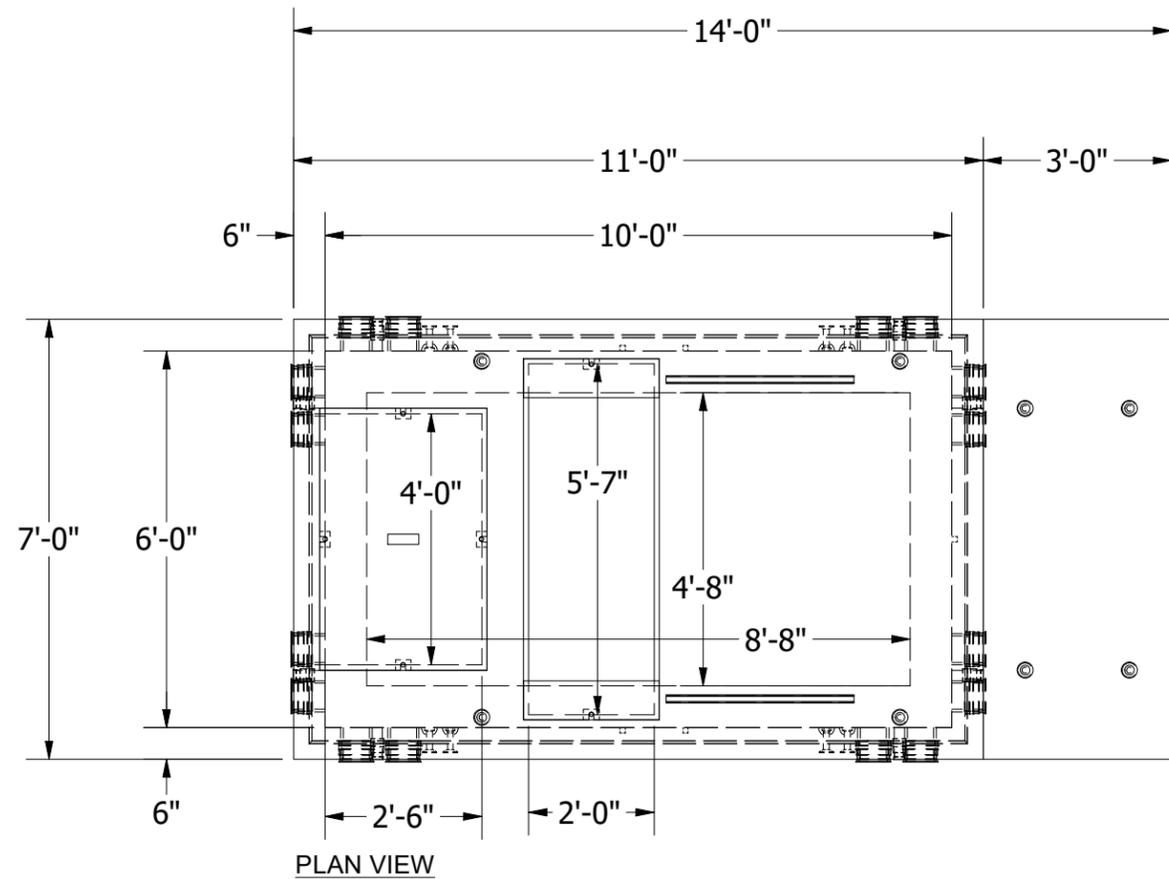


240 W. LOS ANGELES AVE.
SIMI VALLEY, CA 93065
P: (805) 527-0841
F: (805) 584-0769
WWW.PRE-CONPRODUCTS.COM

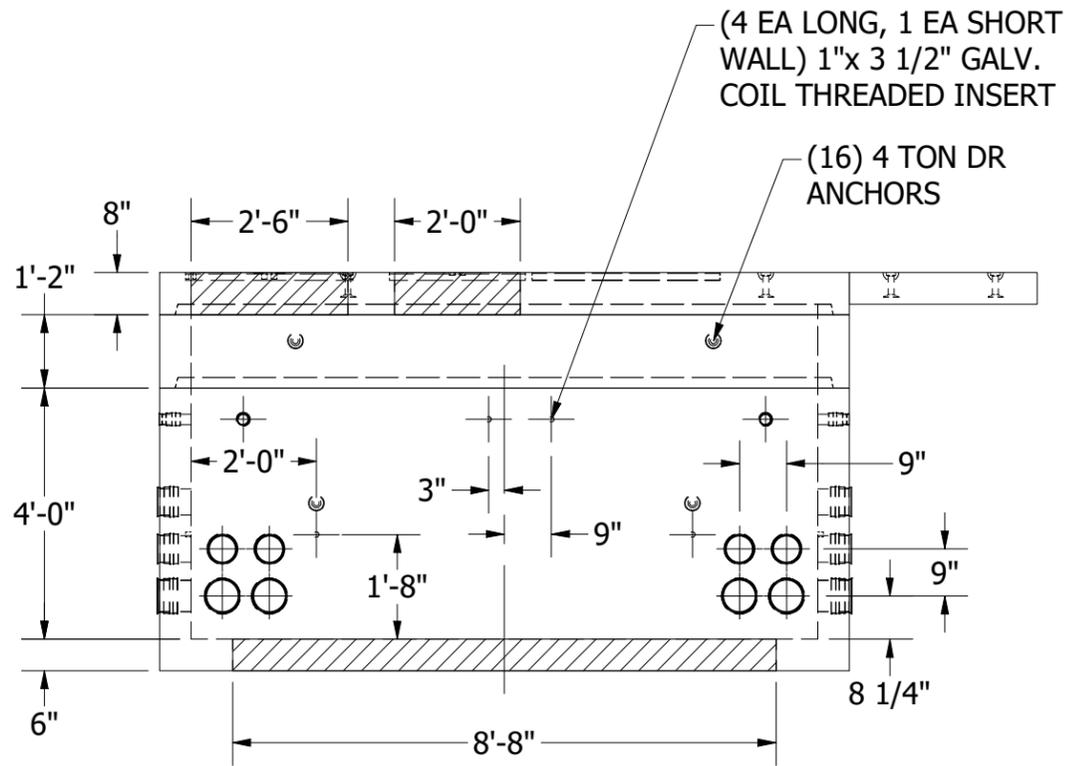
TITLE:
**LADWP
7'-0" x 11'-0" PAD,
6'-0" x 10'-0" x 5'-0" VAULT**

REV.04 08.11.23 KS

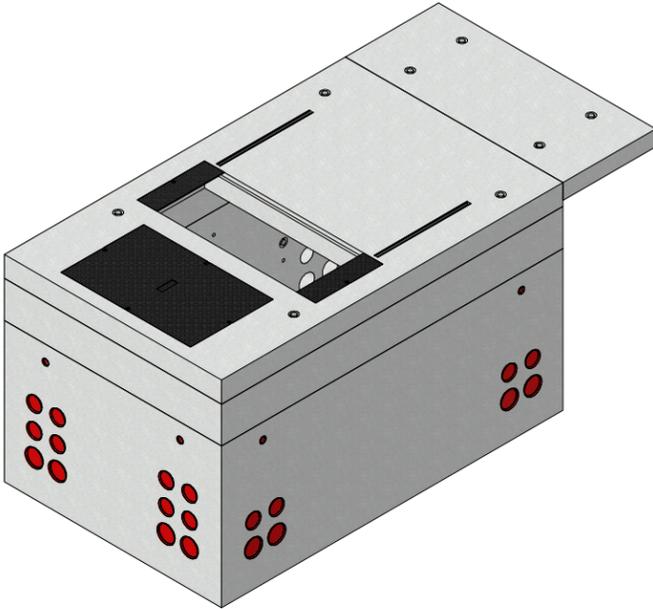
DRAWN BY:
K.Strader
DATE:
2/13/2023
SHEET:
2 OF 11



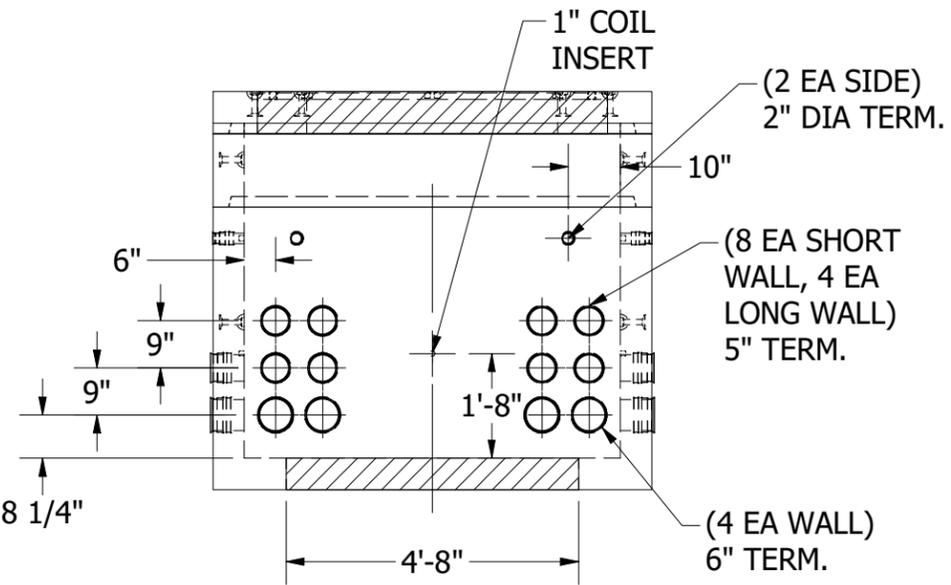
PLAN VIEW



PROFILE VIEW



ISOMETRIC VIEW



END VIEW

PART INFORMATION			
PART NUMBER	QTY	DESCRIPTION	APPROX. WEIGHT IN LBS
VLT-60100-B	1	6'-0"x 10'-0"x 5'-0" LADWP VAULT	12,635
60100x12 LADWP	1	6'-0"x 10'-0" LADWP EXTENSION	2,980
P84132 LADWP	1	7'-0"x 11'-0" LADWP PAD	5,530
P3648 LADWP	1	3'-0"x 7'-0" LADWP PAD	1,575

THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING, COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE



240 W. LOS ANGELES AVE.
 SIMI VALLEY, CA 93065
 P: (805) 527-0841
 F: (805) 584-0769,
 WWW.PRE-CONPRODUCTS.COM

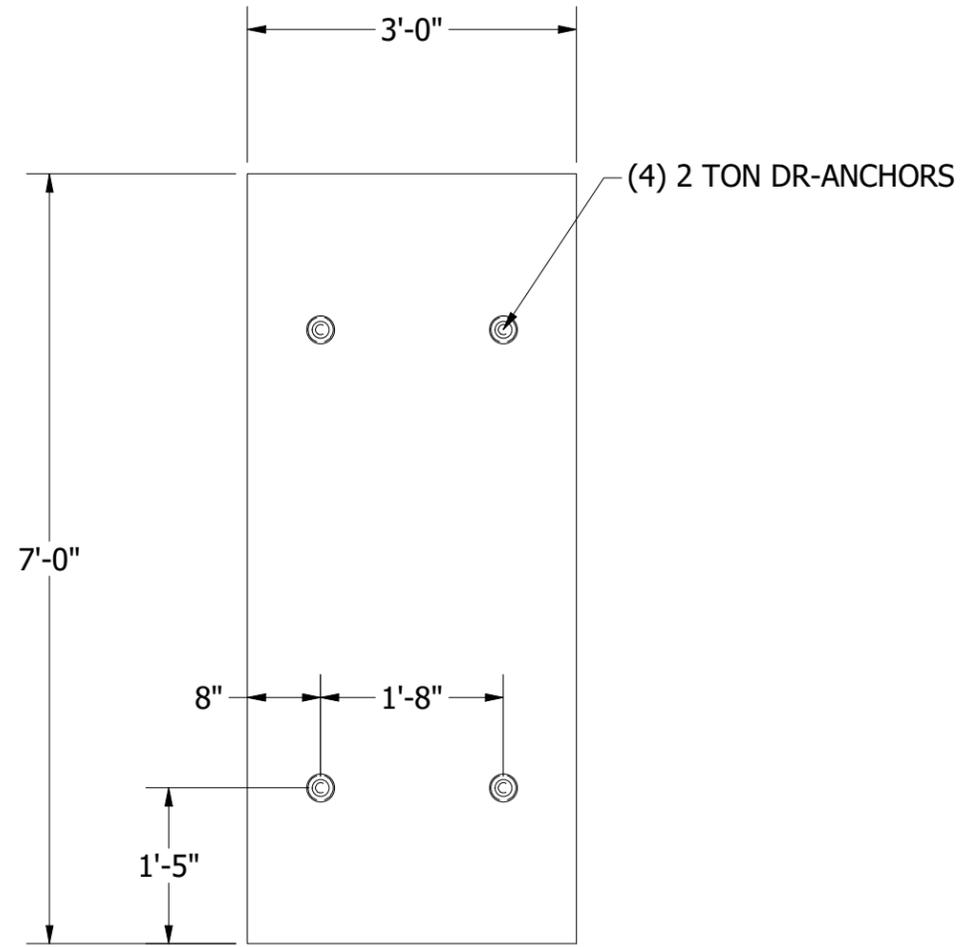
TITLE:
**LADWP
 7'-0"x 11'-0" PAD,
 6'-0"x 10'-0"x 5'-0" VAULT**

DRAWN BY:
K.Strader
 DATE:
2/13/2023

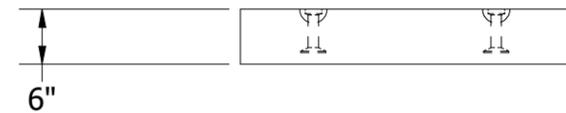
SHEET:
3 OF 11

REV.04.08.11.23 KS

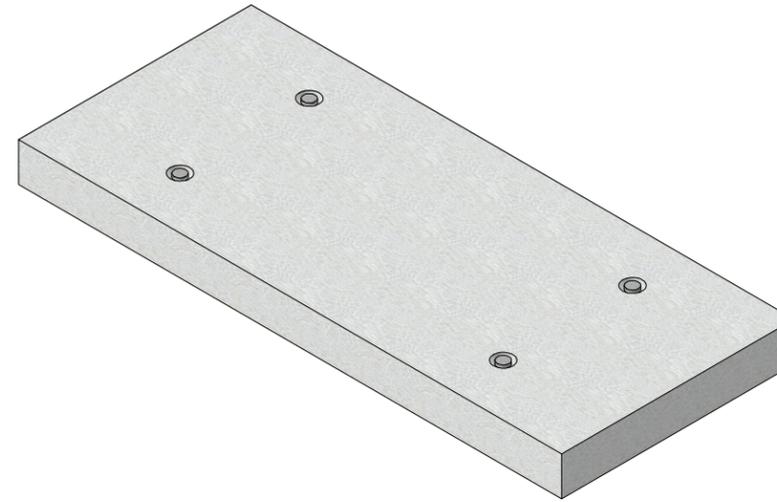
LOCATION: T:\Drawings\Vault\DESIGNS\Boxes\LADWP\7x 11 PAD w6x10x60 BOX 11X17 w STAMP .dwg



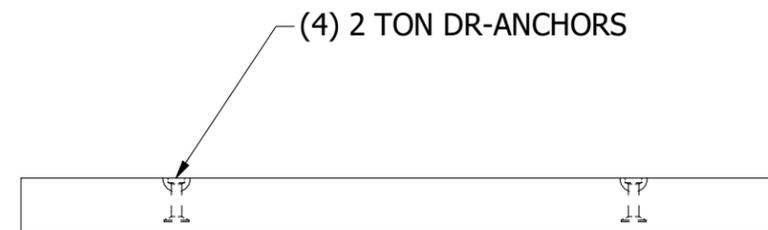
PLAN VIEW



END VIEW



ISOMETRIC VIEW



SIDE VIEW

PART INFORMATION			
PART NUMBER	QTY	DESCRIPTION	APPROX. WEIGHT IN LBS
P3648 LADWP	1	3'-0"x 7'-0" LADWP PAD	1,575

THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING, COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE



240 W. LOS ANGELESE AVE.
 SIMI VALLEY, CA 93065
 P: (805) 527-0841
 F: (805) 584-0769,
 WWW.PRE-CONPRODUCTS.COM

TITLE:
**LADWP PAD,
 3'-0" x 7'-0" PAD**

DRAWN BY:
K.Strader
 DATE:
2/13/2023

SHEET:
4 OF 11

REV.04 08.11.23 KS

LOCATION: T:\Drawings\Vault\DESIGNS\Boxes\LADWP\7x 11 PAD w6x10x60 BOX 11X17 w STAMP.dwg

PART INFORMATION			
PART NUMBER	QTY	DESCRIPTION	APPROX. WEIGHT IN LBS
P84132 LADWP	1	7'-0"x 11'-0" LADWP PAD	5,530

THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING, COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE

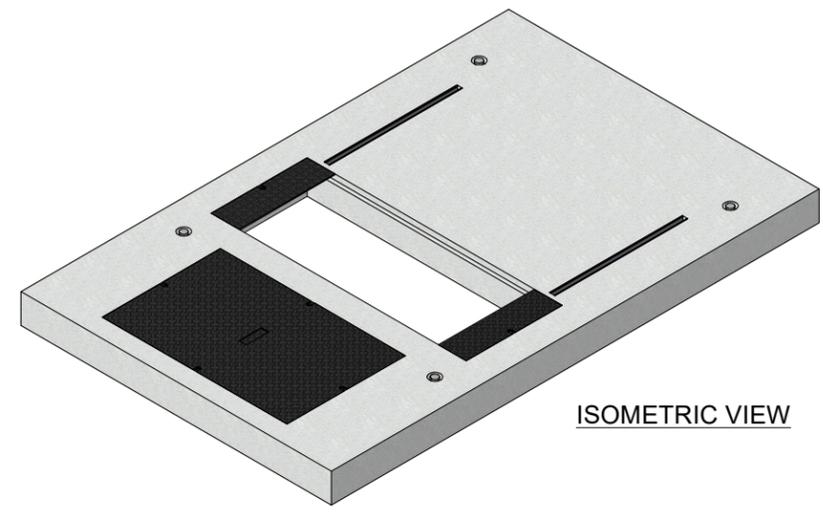
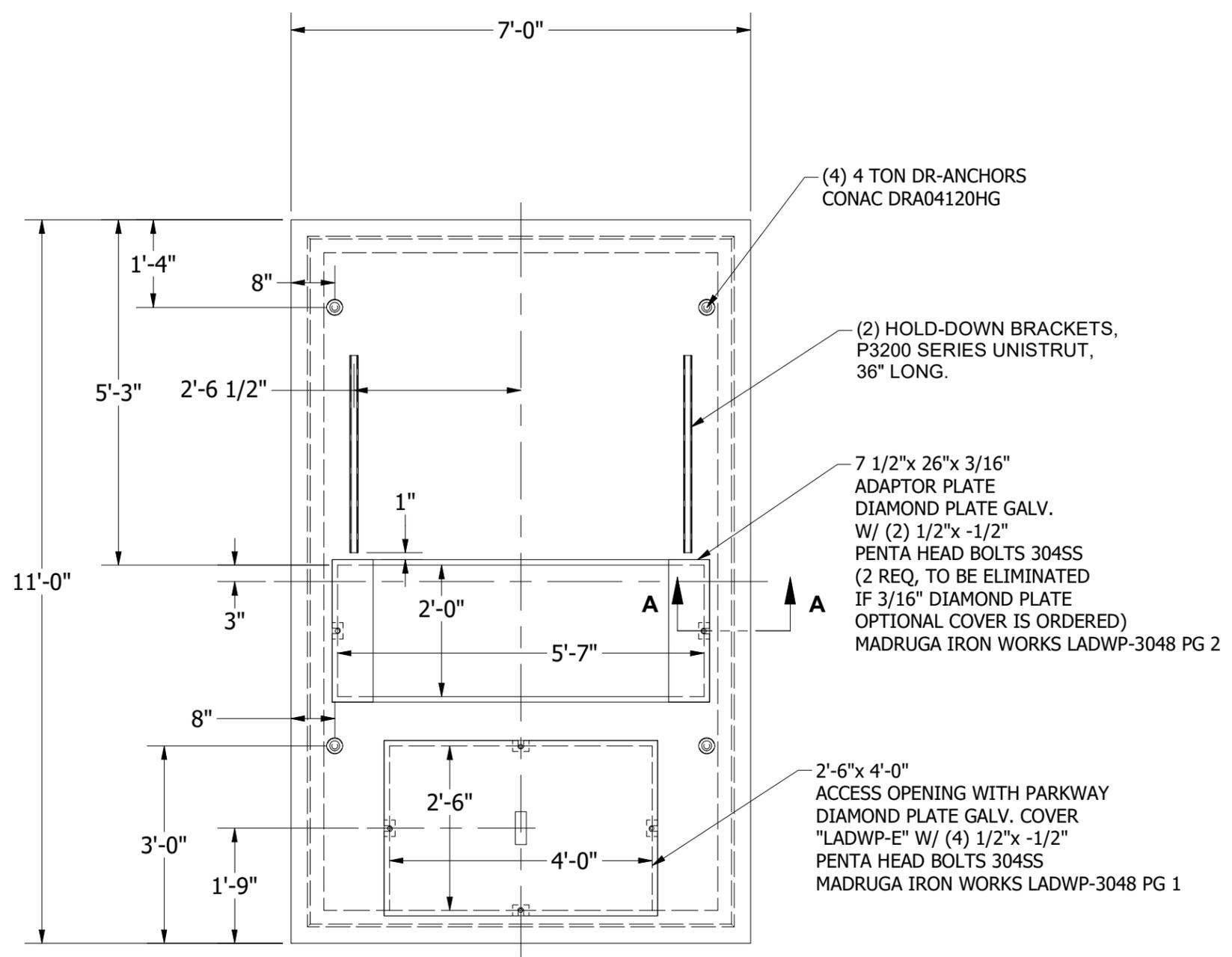


240 W. LOS ANGELES AVE.
SIMI VALLEY, CA 93065
P: (805) 527-0841
F: (805) 584-0769,
WWW.PRE-CONPRODUCTS.COM

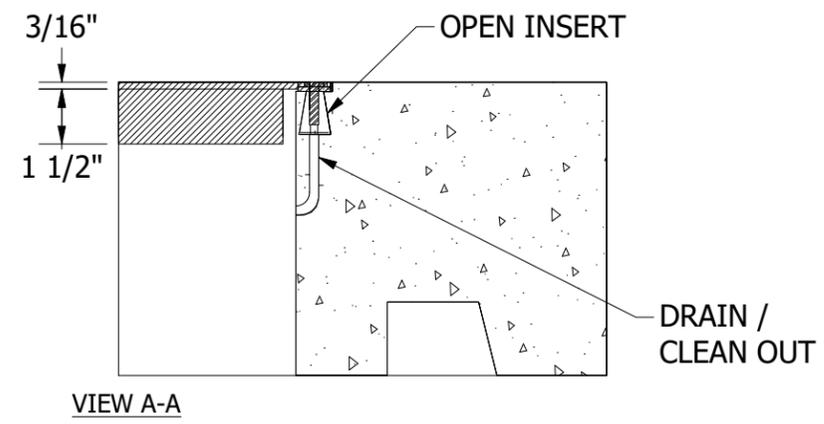
TITLE:
**LADWP PAD,
7'-0"x 11'-0" PAD**

REV.04.08.11.23 KS

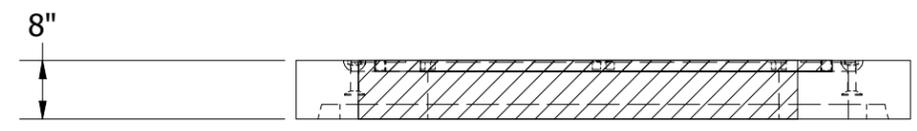
DRAWN BY:
K.Strader
DATE:
2/13/2023
SHEET:
5 OF 11



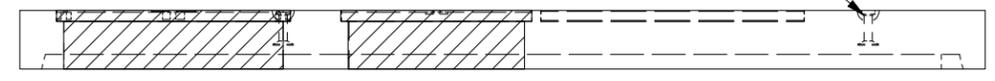
ISOMETRIC VIEW



VIEW A-A

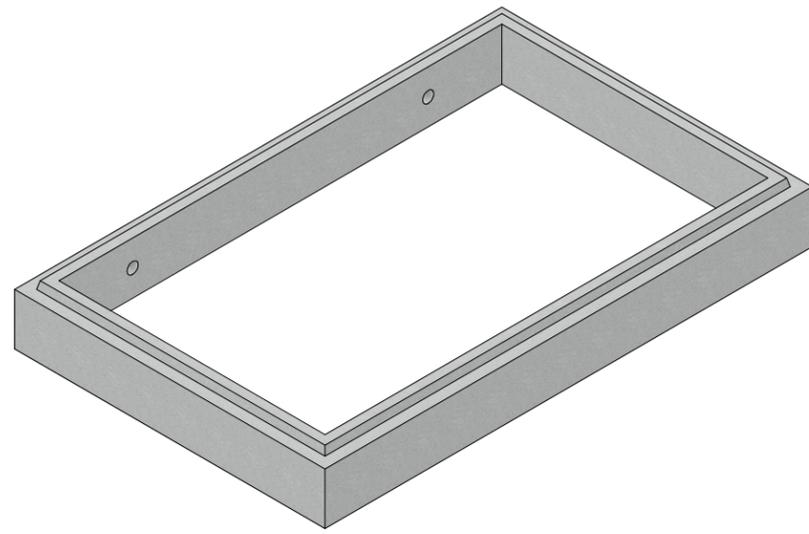
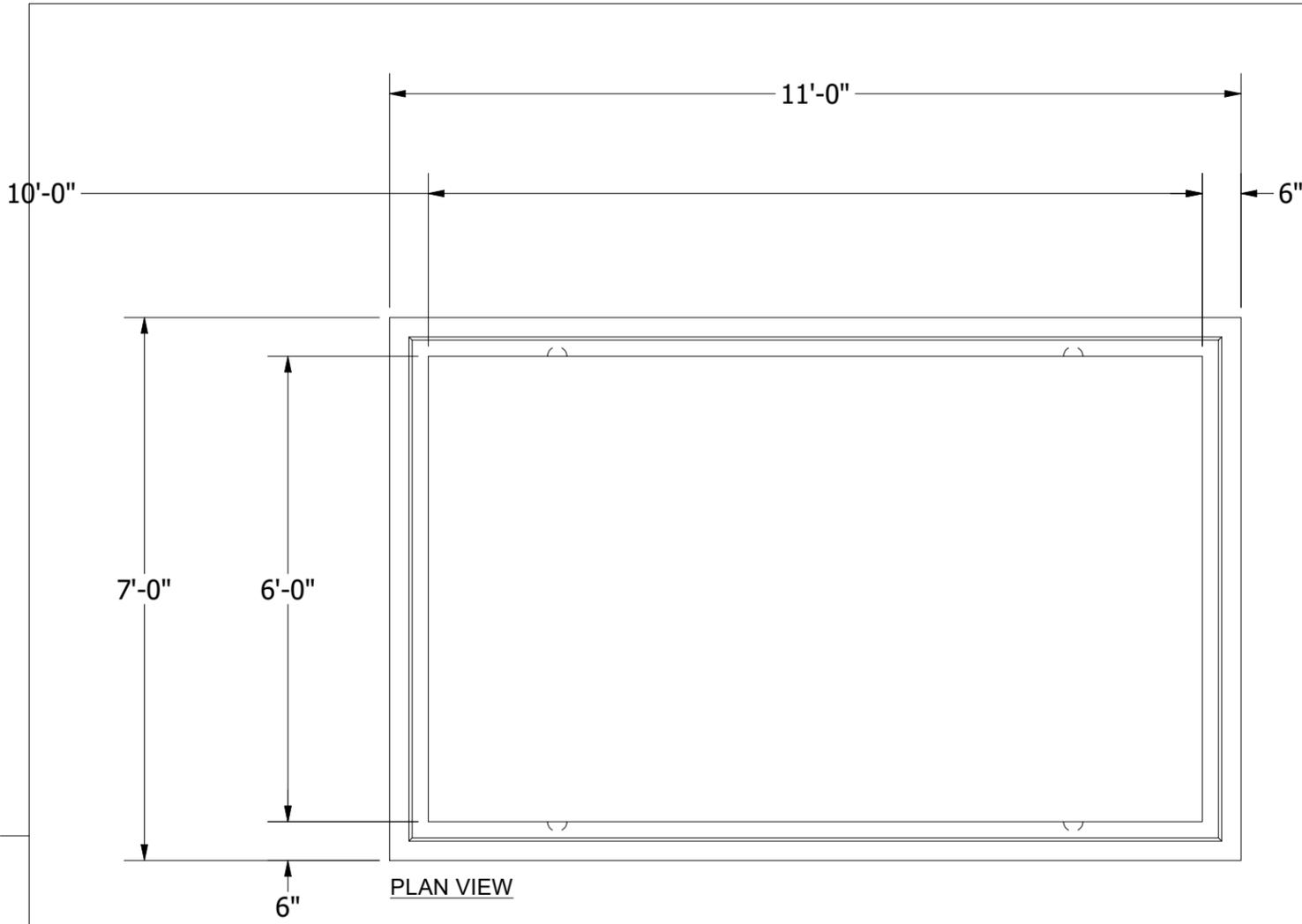


END VIEW



SIDE VIEW

LOCATION: T:\Drawings\Vault\DESIGNS\Boxes\LADWP\7x 11 PAD w6x10x60 BOX 11X17 w STAMP.dwg



PART INFORMATION			
PART NUMBER	QTY	DESCRIPTION	APPROX. WEIGHT IN LBS
60100x12 LADWP	1	6'-0"x 10'-0" LADWP EXTENSION	2,980

THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING, COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

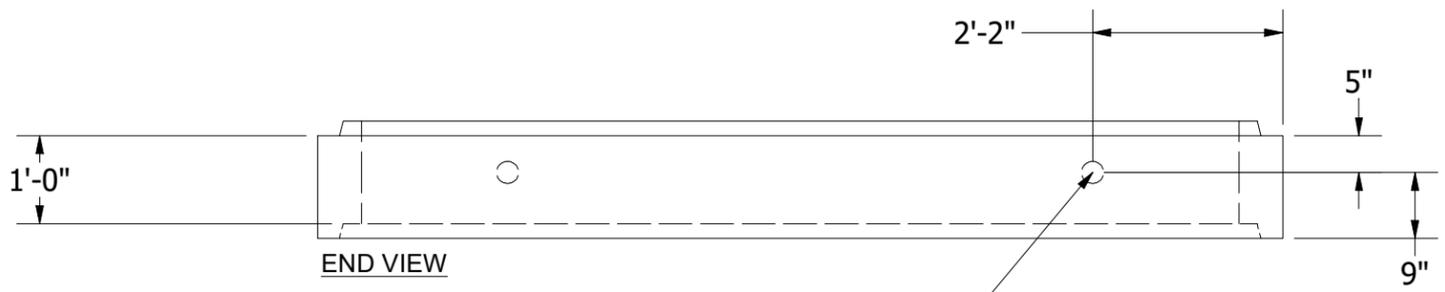
DO NOT SCALE



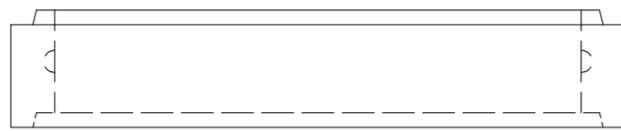
240 W. LOS ANGELESE AVE.
SIMI VALLEY, CA 93065
P: (805) 527-0841
F: (805) 584-0769,
WWW.PRE-CONPRODUCTS.COM

TITLE:
**LADWP VAULT,
6'-0"x 10'-0" EXTENSION**

REV.04 08.11.23 KS



(4) 2 TON DR ANCHOR FOR LIFTING
CONAC DRA05045HG



DRAWN BY:
K.Strader

DATE:
2/13/2023

SHEET:
6 OF 11

PART INFORMATION			
PART NUMBER	QTY	DESCRIPTION	APPROX. WEIGHT IN LBS
VLT-60100-B	1	6'-0"x 10'-0"x 5'-0" LADWP VAULT	12,635

THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING, COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE

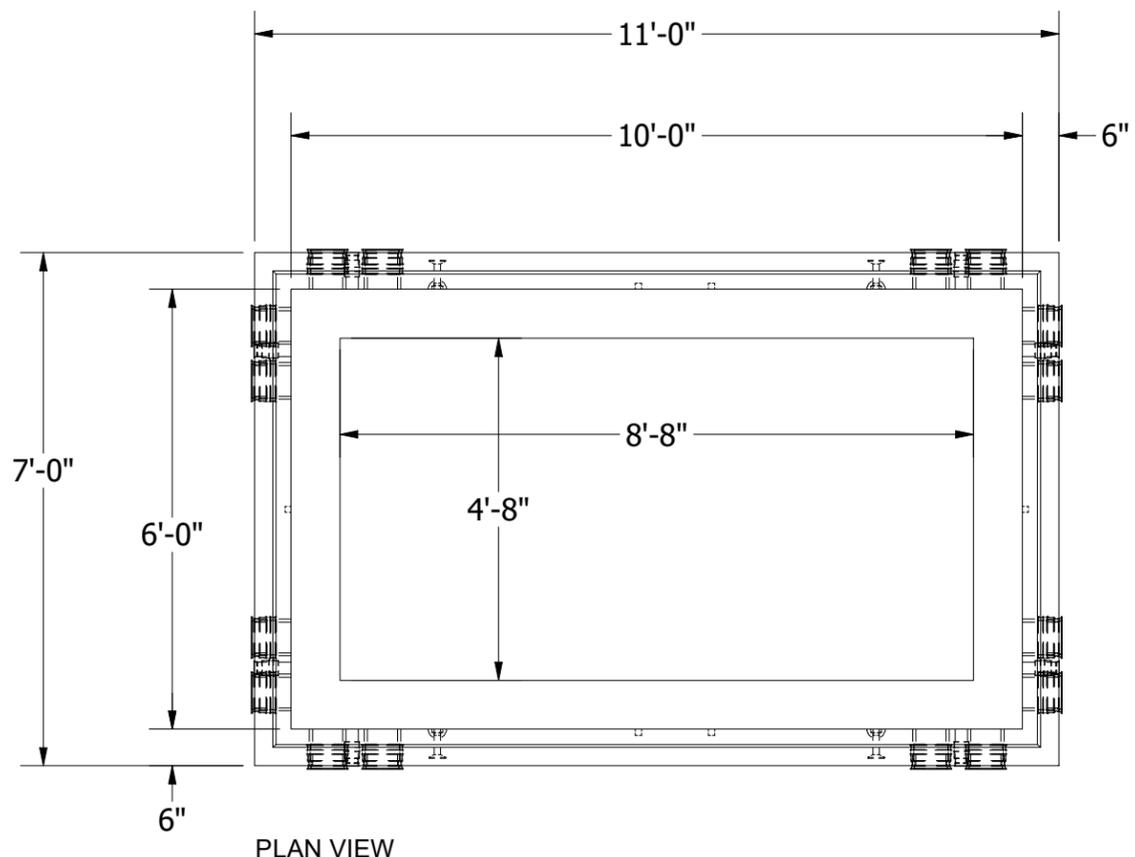


240 W. LOS ANGELES AVE.
 SIMI VALLEY, CA 93065
 P: (805) 527-0841
 F: (805) 584-0769,
 WWW.PRE-CONPRODUCTS.COM

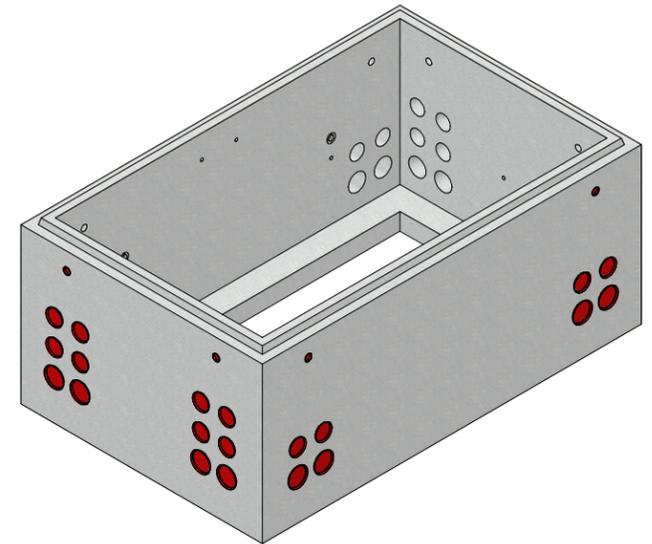
TITLE:
**LADWP VAULT,
 6'-0"x 10'-0"x 5'-0" VAULT**

REV.04.08.11.23 KS

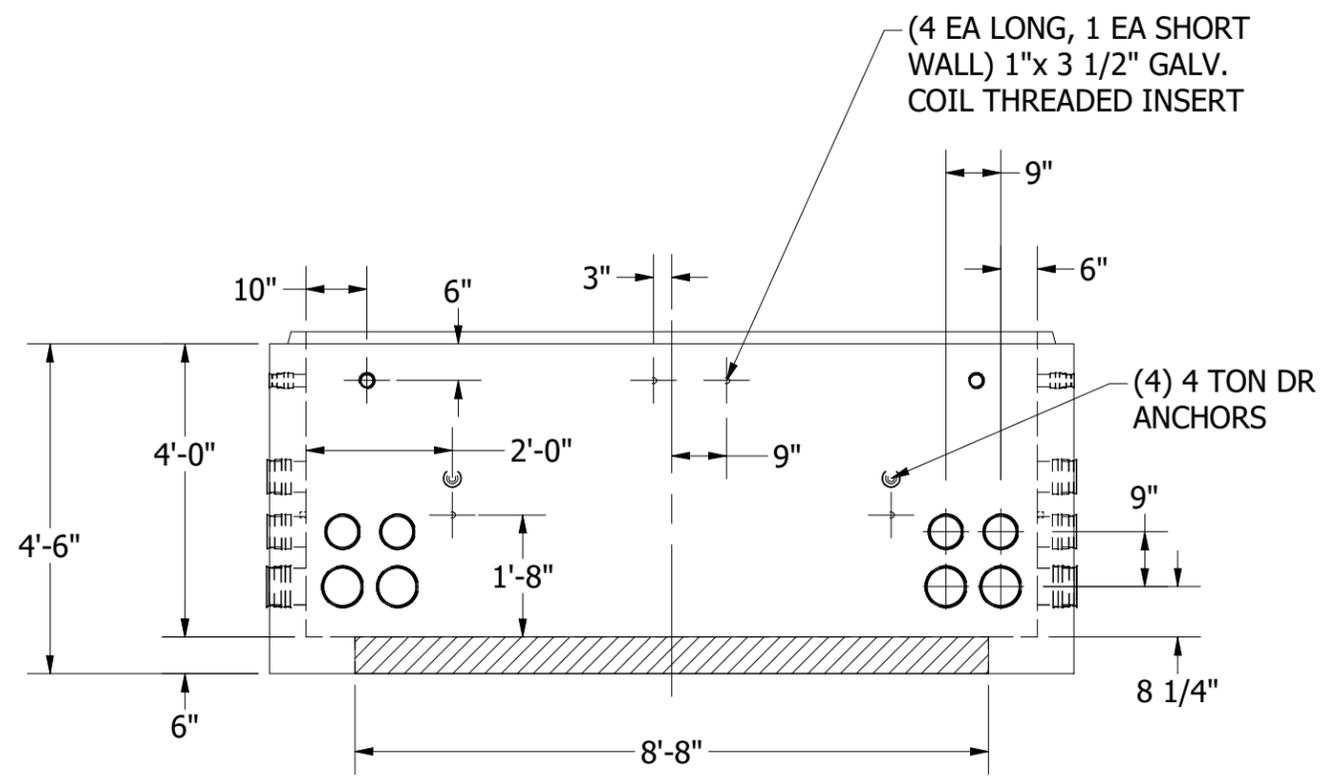
DRAWN BY:
K.Strader
 DATE:
2/13/2023
 SHEET:
7 OF 11



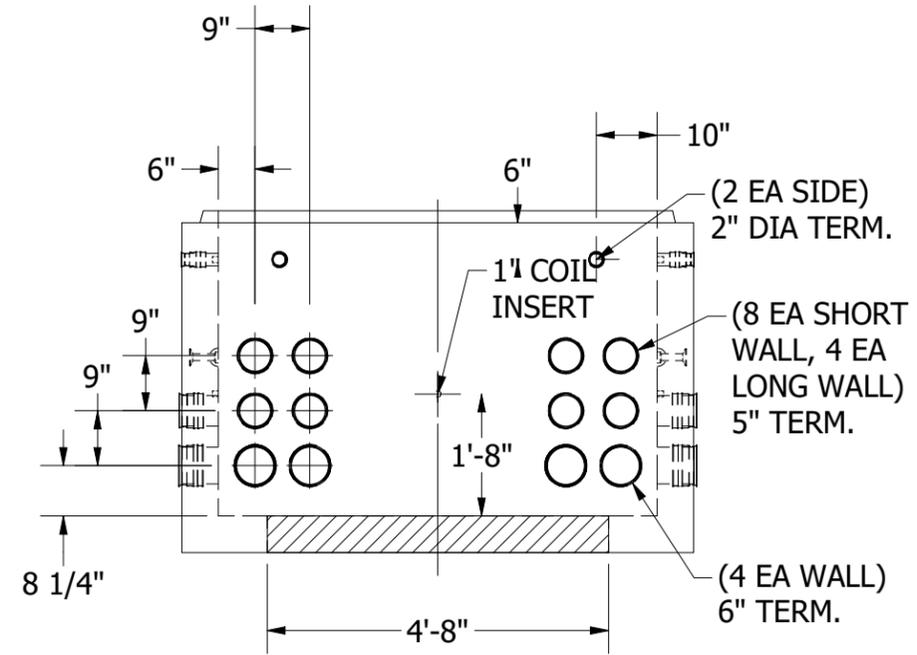
PLAN VIEW



ISOMETRIC VIEW



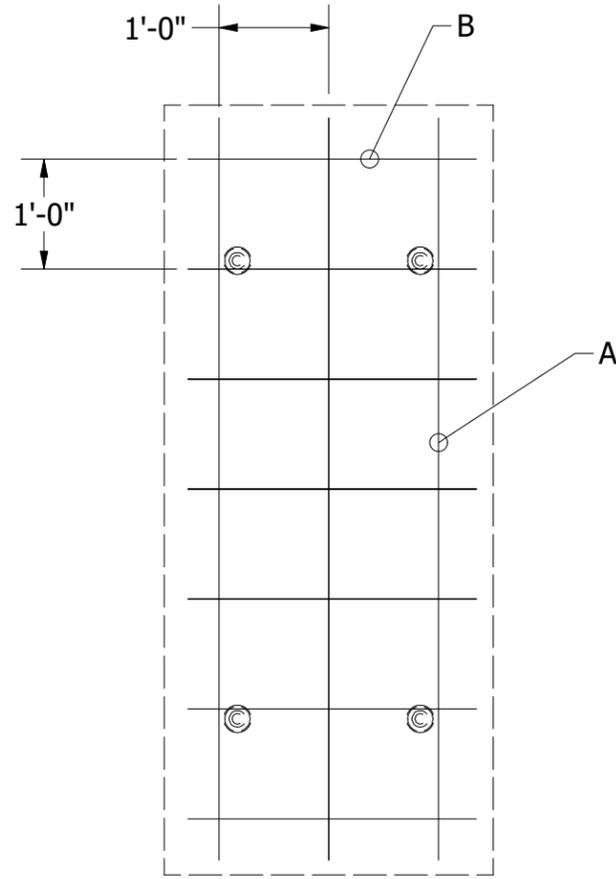
PROFILE VIEW



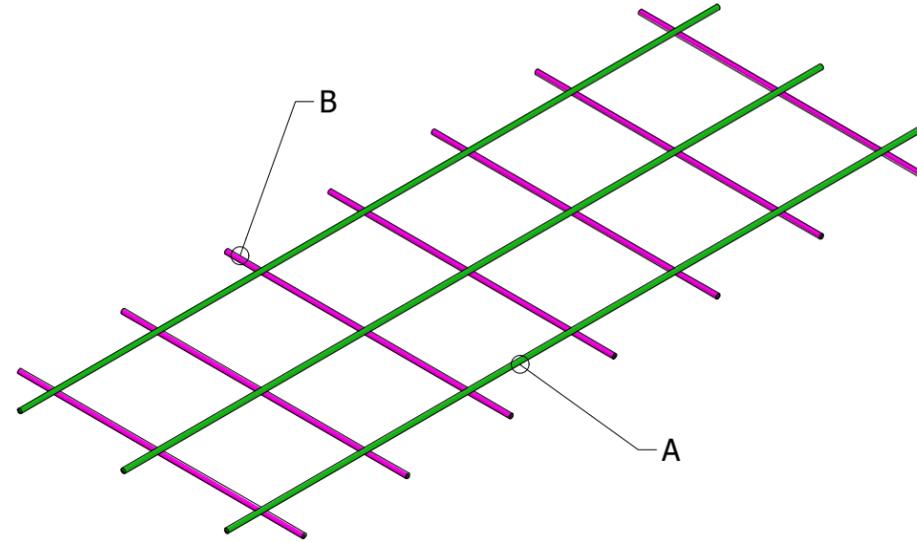
END VIEW

LOCATION: T:\Drawings\Vault\DESIGNS\Boxes\LADWP\7x 11 PAD w6x10x60 BOX 11X17 w STAMP.dwg

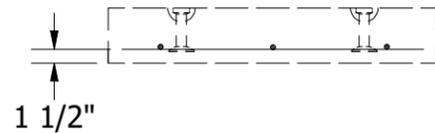
LOCATION: T:\Drawings\Vault\DESIGNS\Boxes\LADWP\7x 11 PAD w6x10x60 BOX 11X17 w STAMP.dwg



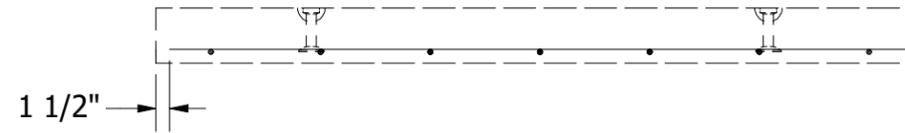
PLAN VIEW



ISOMETRIC VIEW



END VIEW



SIDE VIEW

STEEL INFORMATION			
MARK	QTY	REBAR	DESCRIPTION
A	3	#4	STRAIGHT BAR 81"
B	7	#4	STRAIGHT BAR 33"

MIN CLEAR FROM ALL SURFACES 1-1/2"

THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING. COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE



240 W. LOS ANGELES AVE.
 SIMI VALLEY, CA 93065
 P: (805) 527-0841
 F: (805) 584-0769,
 WWW.PRE-CONPRODUCTS.COM

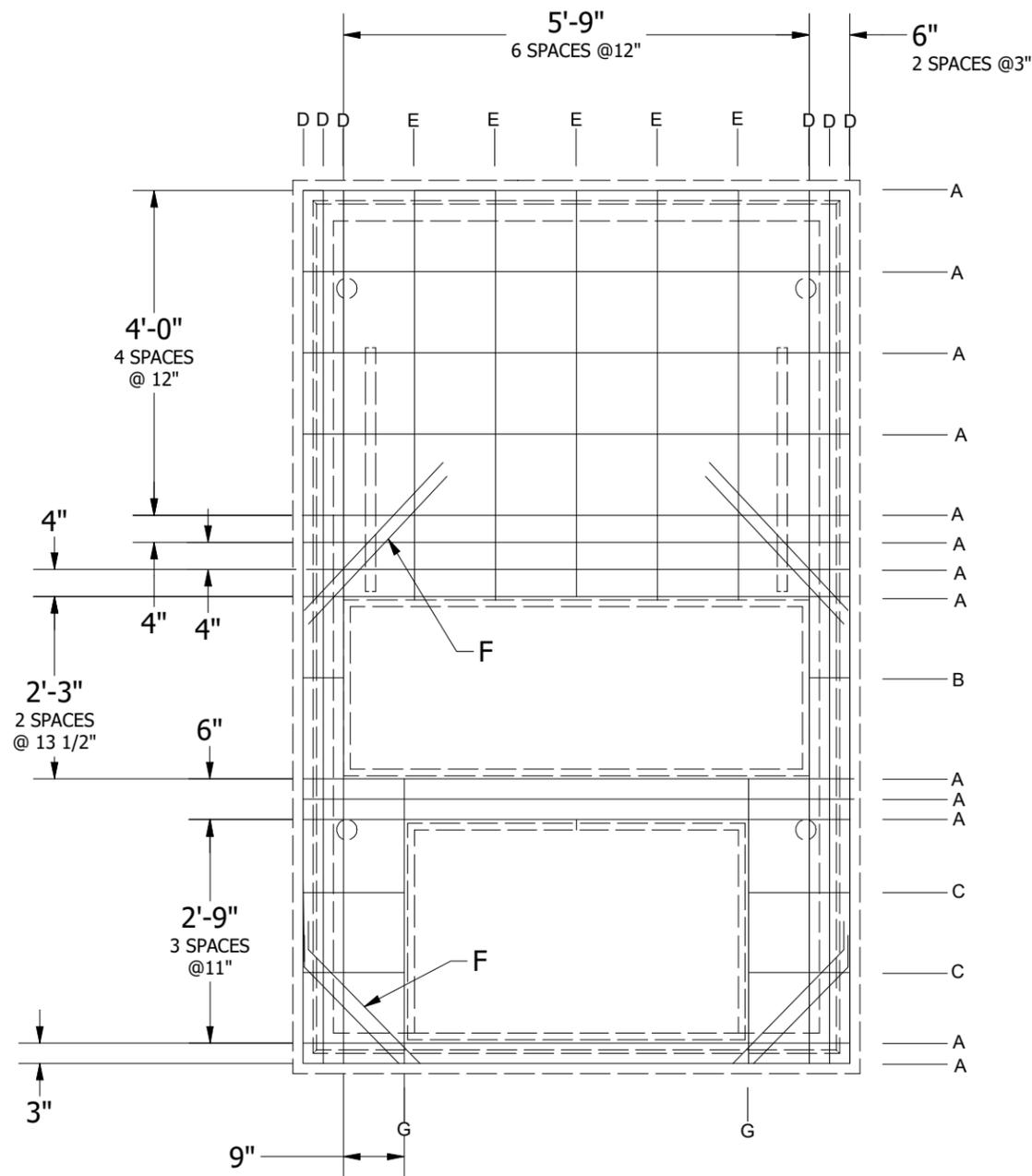
TITLE:
**LADWP PAD,
 3'-0" x 7'-0" PAD,
 REINFORCING**

REV.04 08.11.23 KS

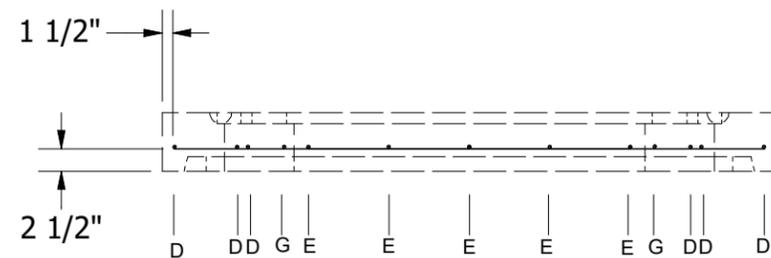
DRAWN BY:
K.Strader
 DATE:
2/13/2023

SHEET:
8 OF 11

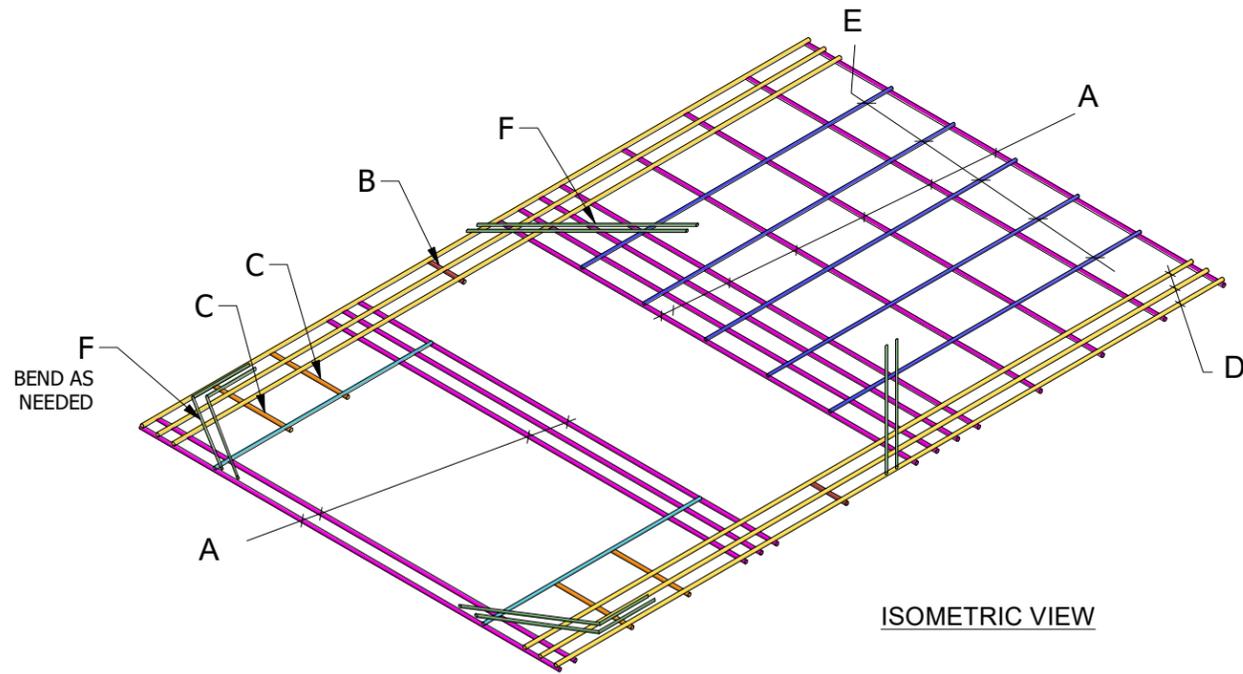
LOCATION: T:\Drawings\Vault\DESIGN\Boxes\LADWP\7x 11 PAD w6x10x60 BOX 11X17 w STAMP.dwg



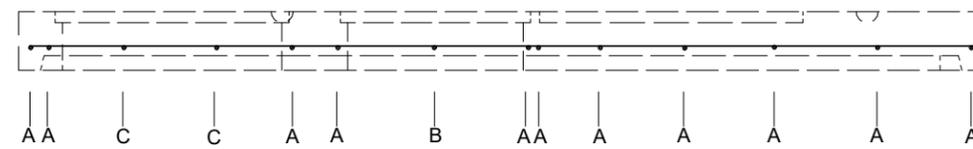
PLAN VIEW
EMBEDS NOT SHOWN FOR CLARITY



END VIEW



ISOMETRIC VIEW



SIDE VIEW

STEEL INFORMATION			
MARK	QTY	REBAR	DESCRIPTION
A	13	#5	STRAIGHT BAR 81"
B	2	#5	STRAIGHT BAR 7"
C	2	#5	STRAIGHT BAR 15"
D	6	#5	STRAIGHT BAR 129"
E	5	#4	STRAIGHT BAR 60"
F	8	#5	DIAGONALS 30"
G	2	#4	STRAIGHT BAR 42"

MIN CLEAR FROM ALL SURFACES 1-1/2"

THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING, COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE



240 W. LOS ANGELES AVE.
SIMI VALLEY, CA 93065
P: (805) 527-0841
F: (805) 584-0769
WWW.PRE-CONPRODUCTS.COM

TITLE:
**LADWP PAD,
7'-0" X 11'-0" PAD,
REINFORCING**

REV.04 08.11.23 KS

DRAWN BY:
K.Strader

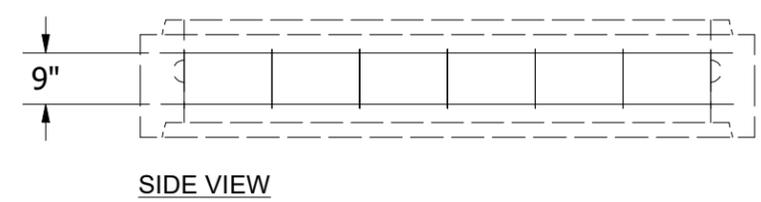
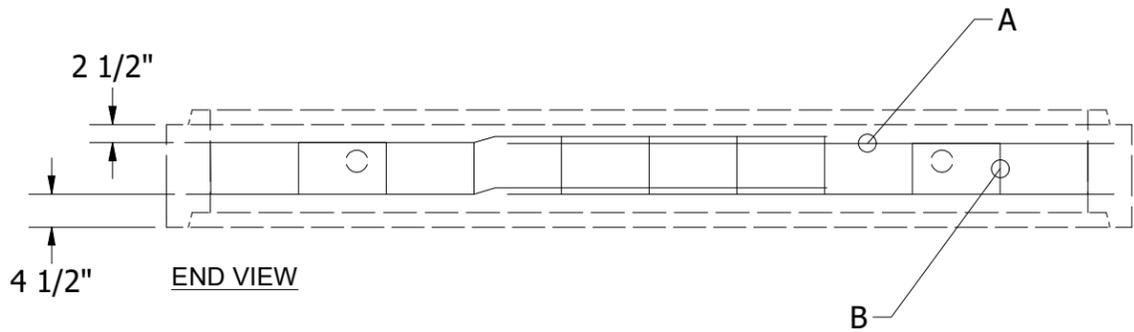
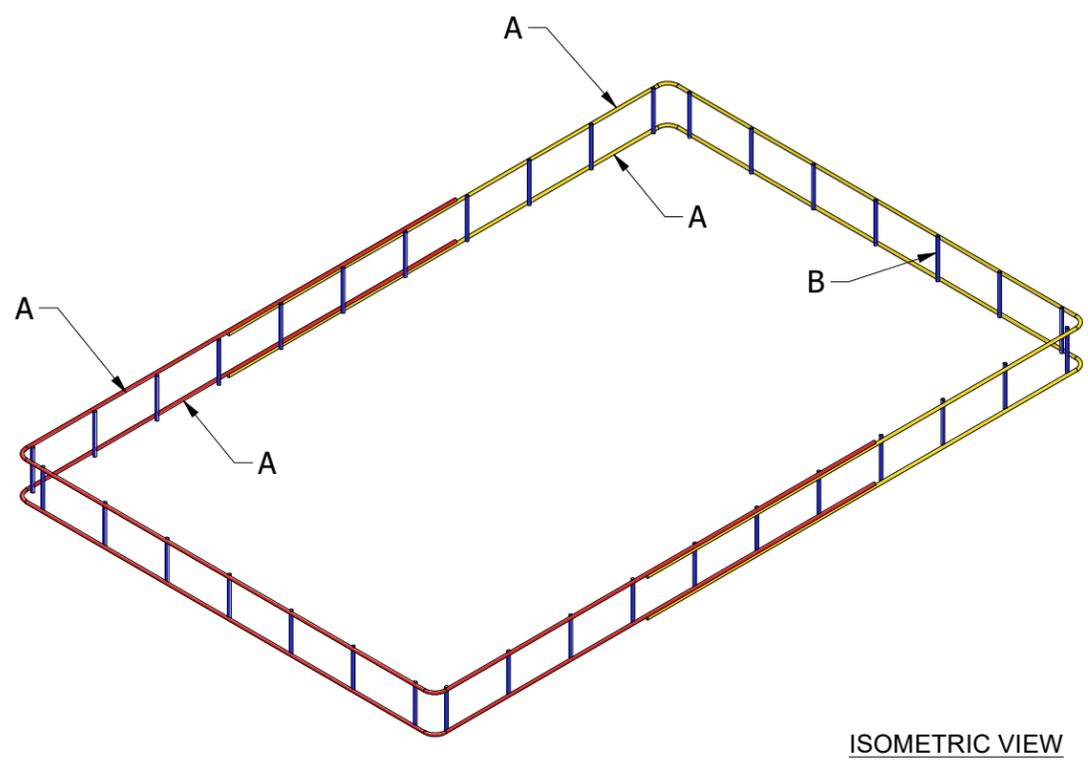
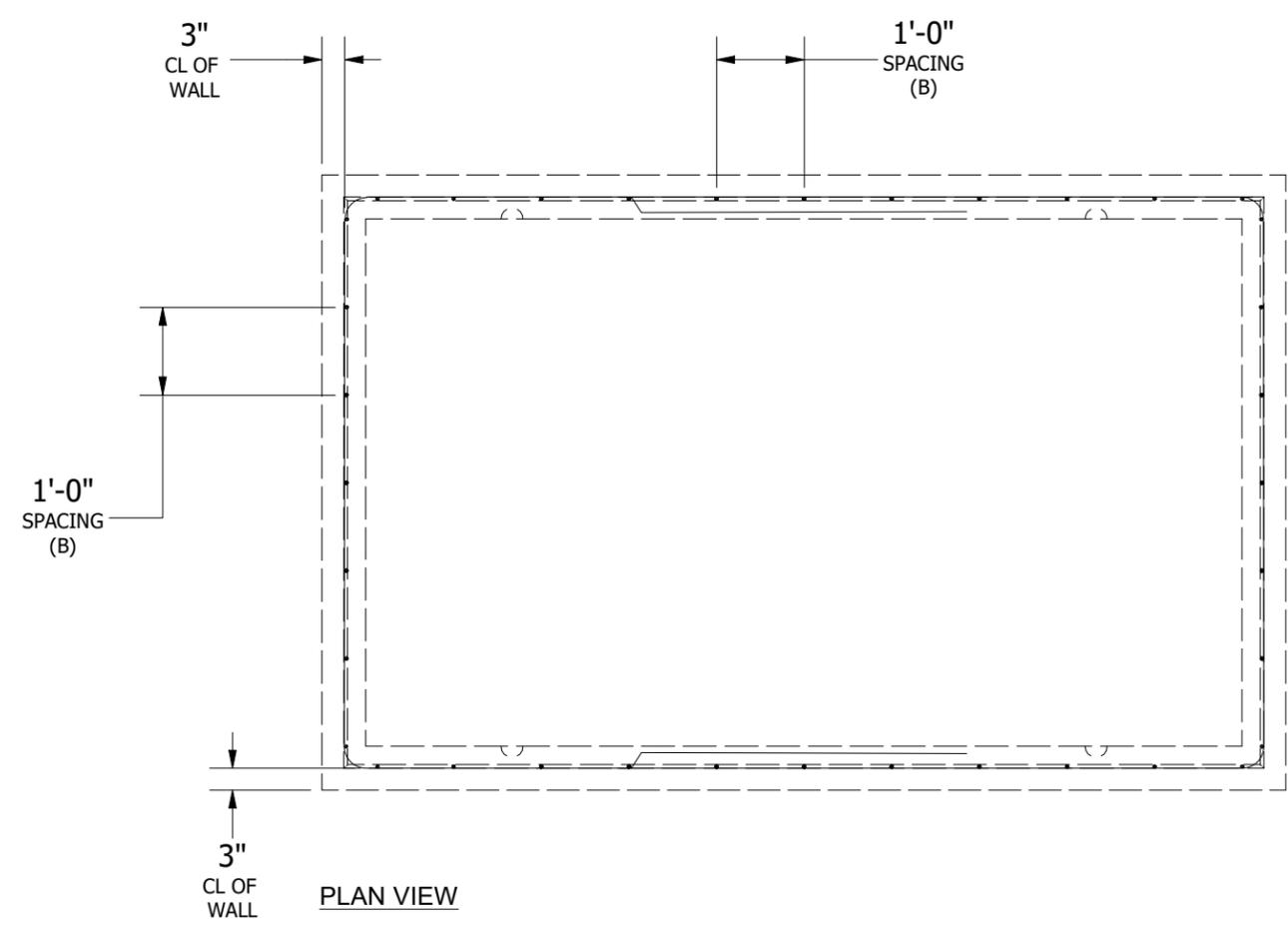
DATE:
2/13/2023

SHEET:
9 OF 11

LOCATION: T:\Drawings\Vault\DESIGN\Boxes\LADWP\7x 11 PAD w6x10x60 BOX 11X17 w STAMP.dwg

STEEL INFORMATION			
MARK	QTY	REBAR	DESCRIPTION
A	2 SETS	#4	U BARS 81" 85" w/ 20" LAP
B	36	#4	STRAIGHT BAR 9"

MIN CLEAR FROM ALL SURFACES 1-1/2"



THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING. COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE



240 W. LOS ANGELES AVE.
SIMI VALLEY, CA 93065
P: (805) 527-0841
F: (805) 584-0769,
WWW.PRE-CONPRODUCTS.COM

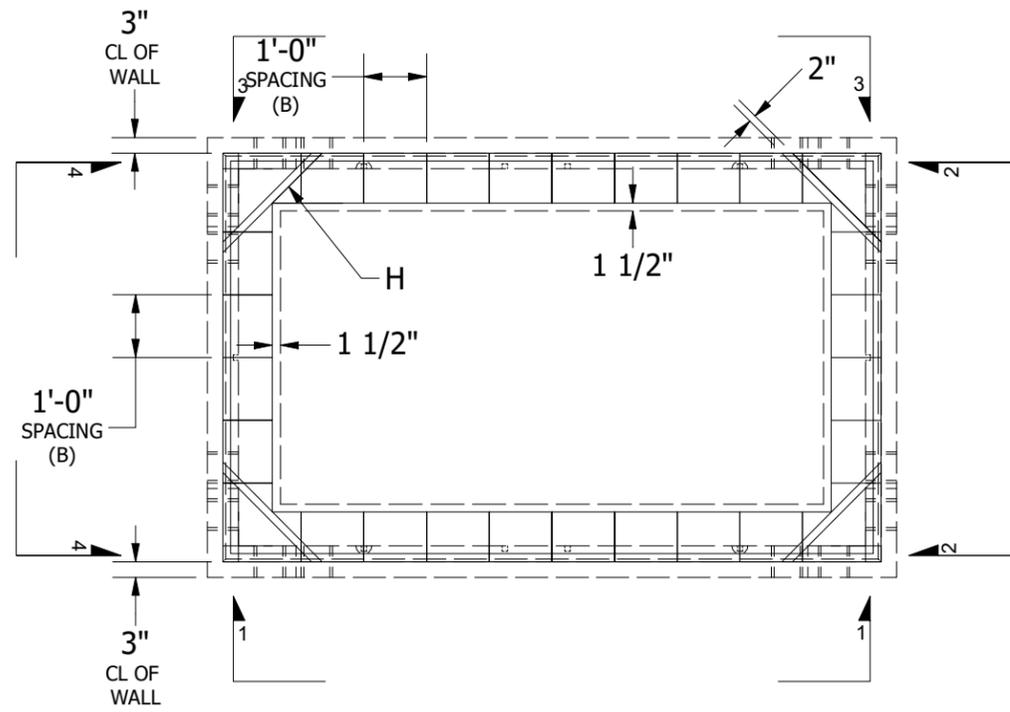
TITLE:
**LADWP VAULT,
6'-0" X 10'-0" EXTENSION,
REINFORCING**

DRAWN BY:
K.Strader

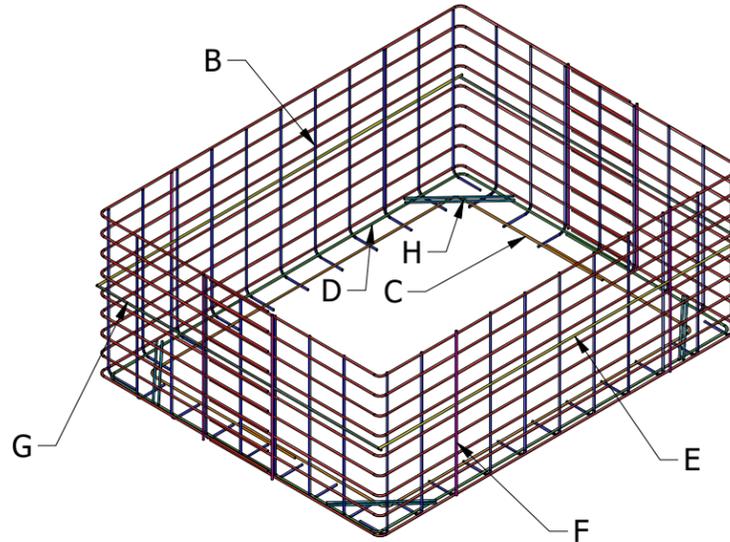
DATE:
2/13/2023

SHEET:
10 OF 11

REV.04 08.11.23 KS



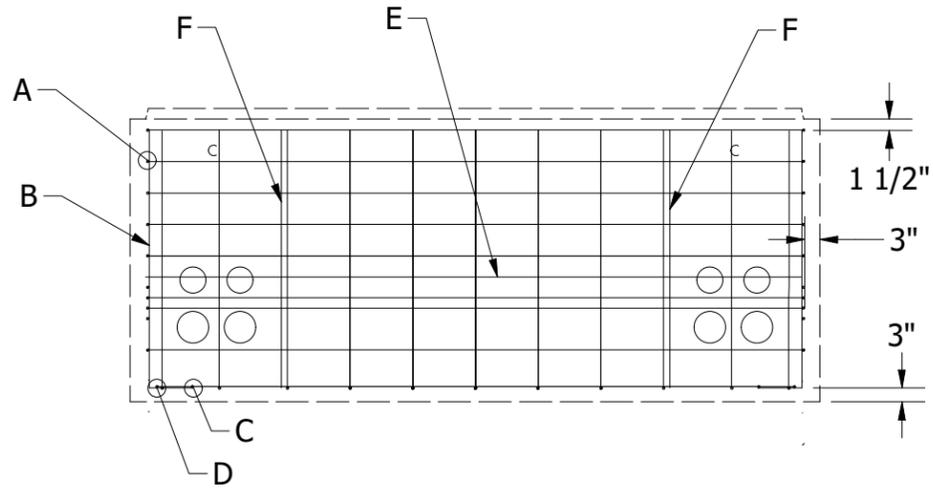
PLAN VIEW



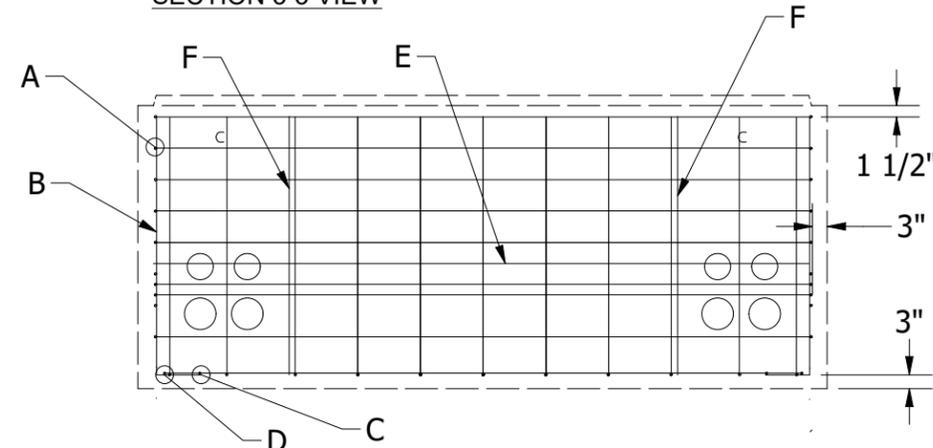
ISOMETRIC VIEW

STEEL INFORMATION						
MARK	QTY	REBAR	DESCRIPTION			
A	11 SETS	#4	"U" BARS	59"	126"	w/20" LAP
B	36	#4	"L" BAR	49-1/2"	9-1/2"	
C	1 SET	#4	"U" BARS	51"	107"	w/20" LAP
D	1 SET	#4	"U" BARS	57"	123"	w/20" LAP
E	2	#4	STRAIGHT BAR	126"		
F	8	#4	STRAIGHT BAR	49-1/2"		
G	2	#4	STRAIGHT BAR	78"		
H	8	#4	DIAGONALS	27"		

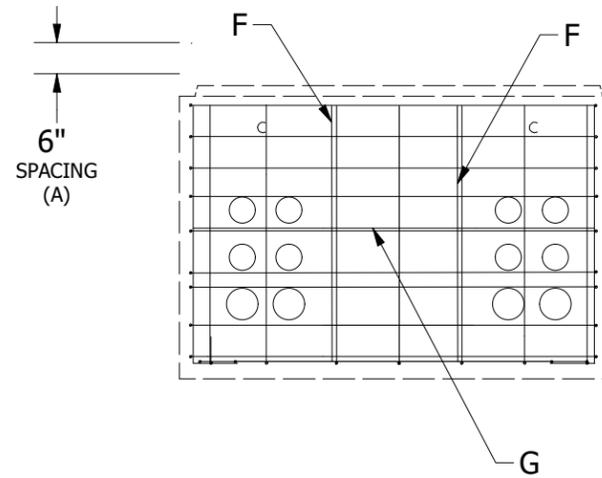
MIN CLEAR FROM ALL SURFACES 1-1/2"



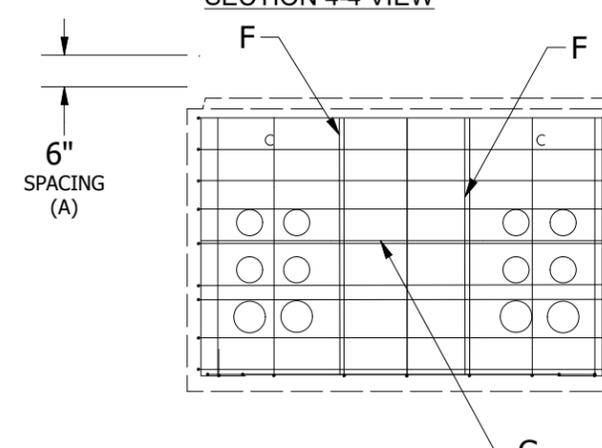
SECTION 3-3 VIEW



SECTION 1-1 VIEW



SECTION 4-4 VIEW



SECTION 2-2 VIEW

THE CONTENTS OF THESE DRAWINGS ARE THE PROPERTY OF PRECON PRODUCTS AND ARE PROPRIETARY AND CONFIDENTIAL. THESE DOCUMENTS SHALL NOT BE DISSEMINATED FOR ANY OTHER USE, WITHOUT THE WRITTEN CONSENT OF PRECON PRODUCTS. IF YOU RECEIVE THESE DRAWINGS IN ERROR, RETURN TO SENDER WITHOUT READING, COPYING OR DISCLOSING THE CONTENTS.



08/14/2023

DO NOT SCALE



240 W. LOS ANGELES AVE.
SIMI VALLEY, CA 93065
P: (805) 527-0841
F: (805) 584-0769,
WWW.PRE-CONPRODUCTS.COM

TITLE:
**LADWP VAULT,
6'-0" x 10'-0" x 5'-0" VAULT,
REINFORCING**

DRAWN BY:
K.Strader
DATE:
2/13/2023

SHEET:
11 OF 11

REV.04 08.11.23 KS