DESIGN NOTES:

- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 6000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

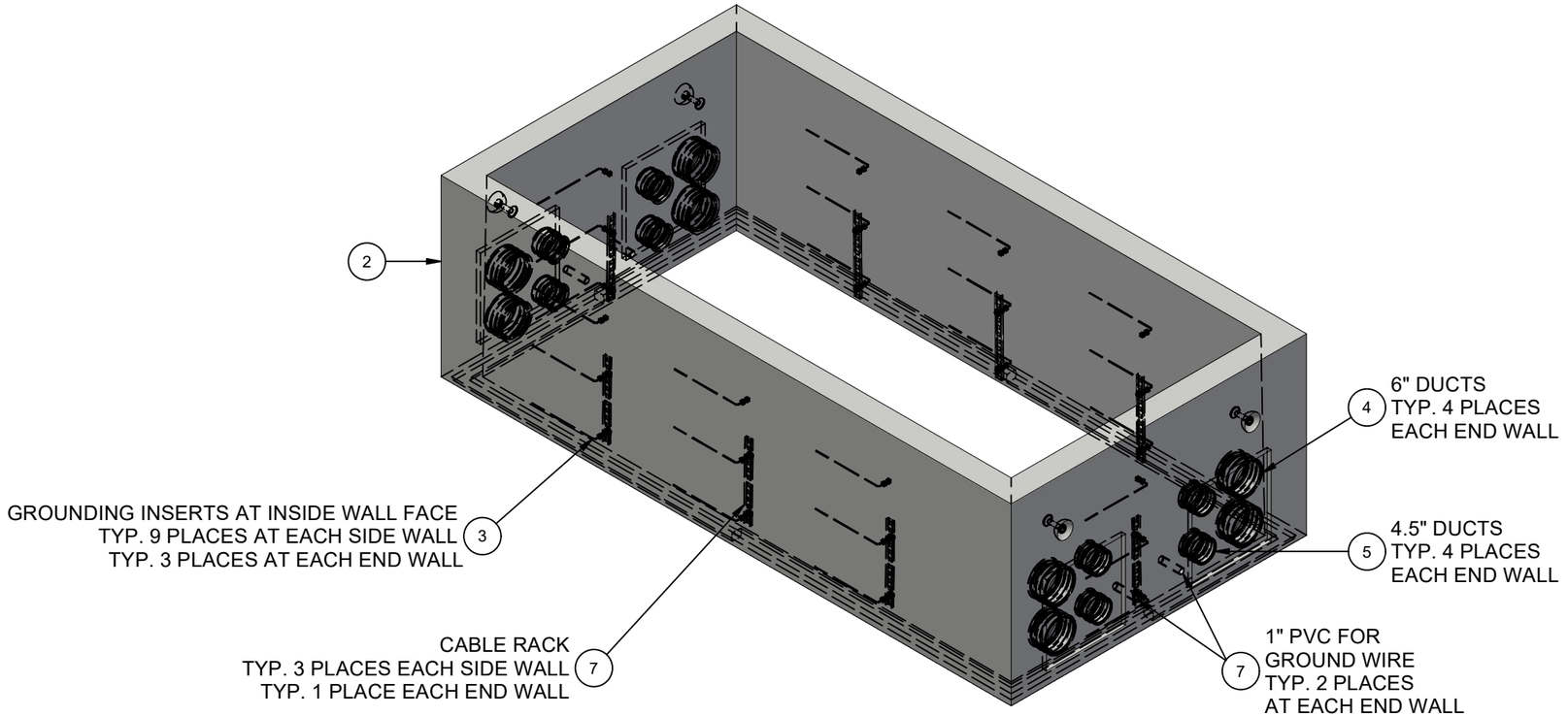
PRODUCTION NOTES:

- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - NONE
- INTERNAL LINER/COATING - NONE
- EXTERNAL LINER/COATING - NONE

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	1	200089943	REINFORCING MAT 200089943
2	48.478 ft^3	48.478 ft^3	100011427	CONCRETE MIX GENERIC 6000 PSI
3	1	24	100005933	GROUND INSERTS BOTTLE ROCKET BRASS 1/2X16 STEEL ROD 12G69
4	1	8	100003019	TERMINATOR DUCT WITH SEAL 6IN T6000
5	1	8	100003015	TERMINATOR DUCT WITH SEAL 4.5IN T4501
6	1	4	100002872	ANCHOR DOGBONE P52 4T X 3-3/4" GALV
7	1	8	100002512	CABLE RACK 12 HOLE GALV W/O TABS
8	1	16	100004335	BOLT HEX 1/2-13 UNC 1.75 304SS
9	1	16	100007447	BELLEVILLE WASHER 1/2 304SS
10	5.000 in	20.000 in	100013763	PIPE PVC SCH 40 1IN DIA

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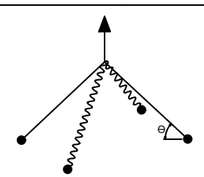


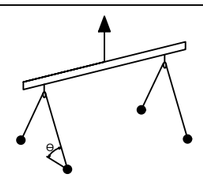
ISO LAYOUT

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.
■ DEMOLDING: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.
*All rigging shall be design by a qualified professional. Loading diagrams show illustrations of possible rigging setups to achieve the required sling angle and load leg equalization. Other valid rigging configurations are possible. A qualified professional must be consulted prior to lifting.

RIGGING DIAGRAMS*

INSTALLATION	B	DEMOLDING	C





BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	7316.05 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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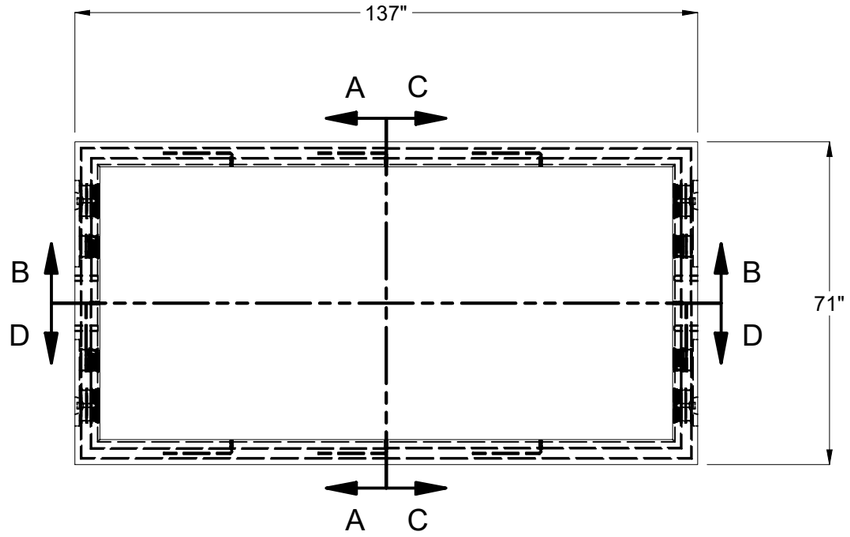
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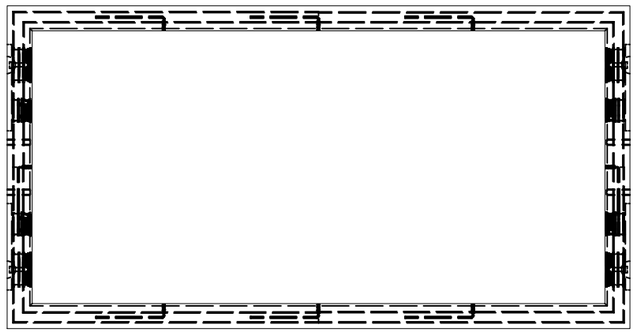
CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	2402-56540-3 - INITIAL RELEASE	6/20/2024	RM/CDG
2			
3			

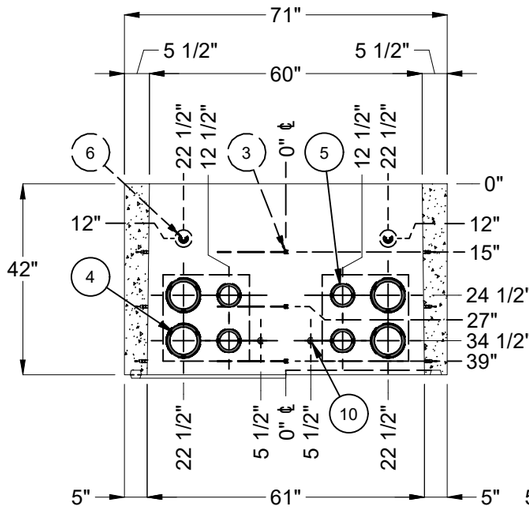
DESCRIPTION:	Riser 60126x42 Terminators Racking NV Energy South RS-97 CASTING LAYOUT		REV: A-1
PART NUMBER:	100001398	DRAWN BY:	C. Gillespie
CREATED:	2/22/2024	MODIFIED:	6/20/2024
			SHEET: 1 OF 3



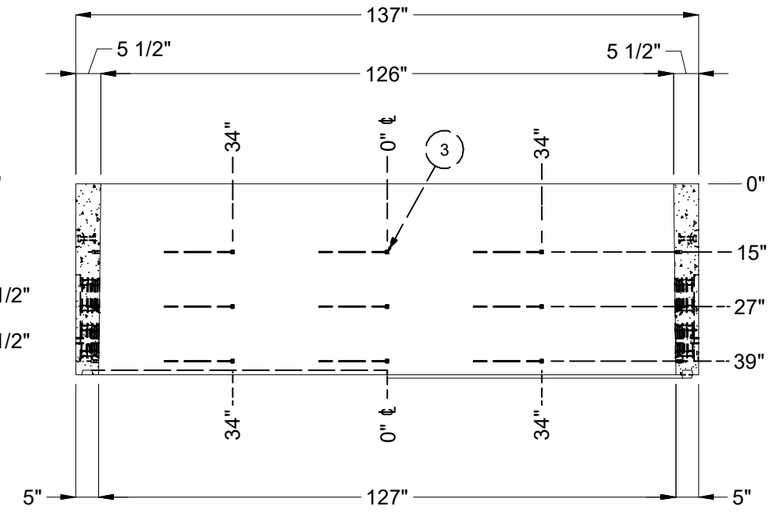
PLAN VIEW



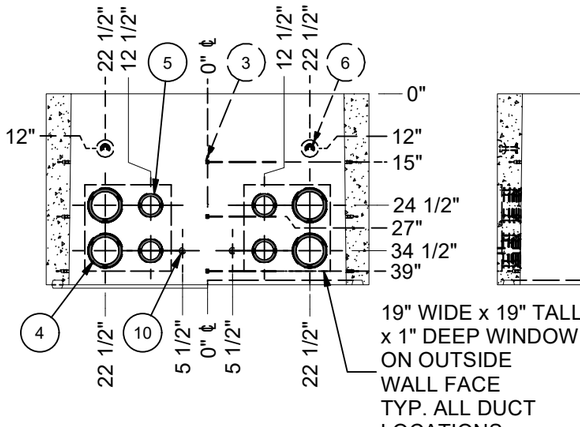
PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



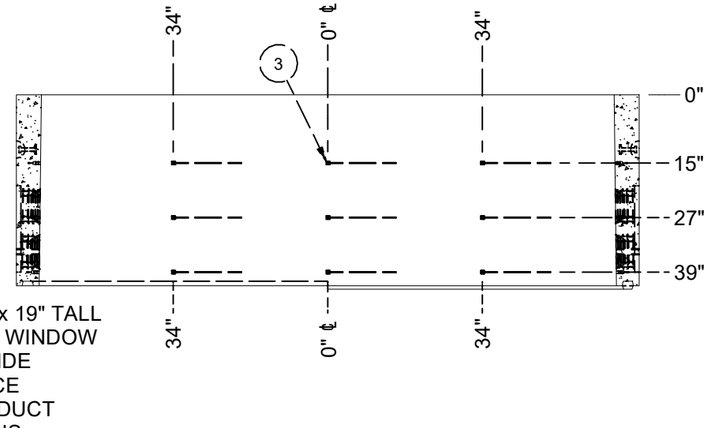
SECTION A-A
CABLE RACK NOT SHOWN FOR CLARITY



SECTION B-B
CABLE RACK NOT SHOWN FOR CLARITY



SECTION C-C
CABLE RACK NOT SHOWN FOR CLARITY



SECTION D-D
CABLE RACK NOT SHOWN FOR CLARITY

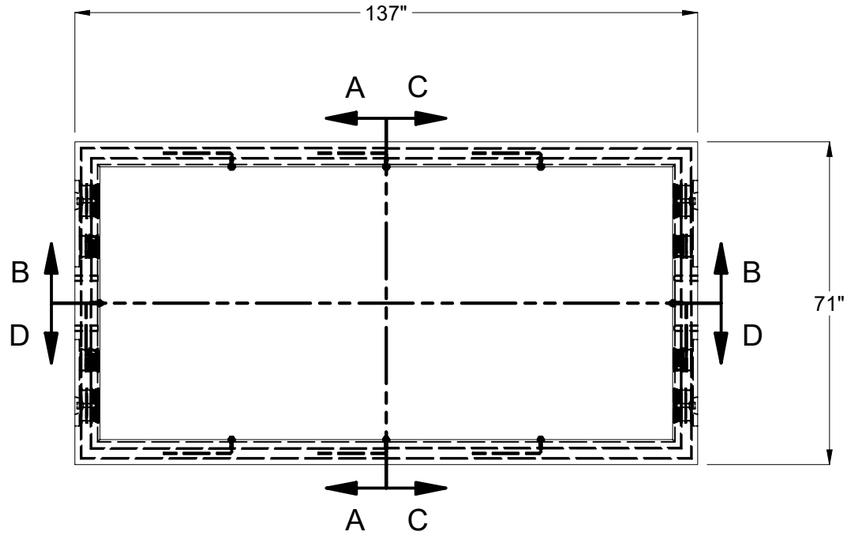
BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	7316.05 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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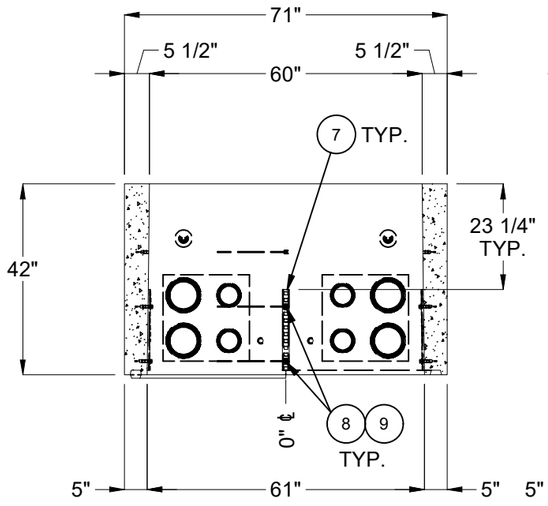
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DESCRIPTION:	Riser 60126x42 Terminators Racking NV Energy South RS-97 CASTING DRAWING		REV: A-1
PART NUMBER:	100001398	DRAWN BY:	C. Gillespie
CREATED:	2/22/2024	MODIFIED:	6/20/2024
			SHEET: 2 OF 3

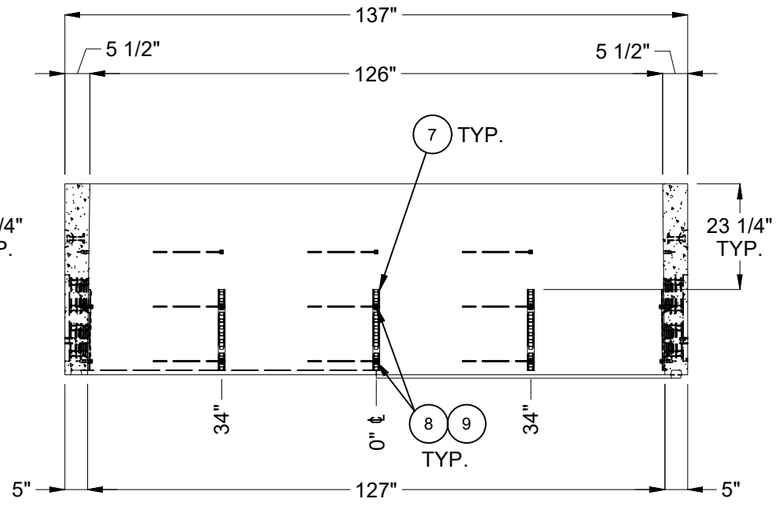
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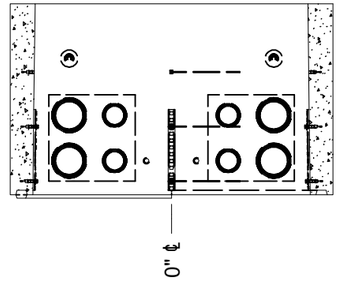
PLAN VIEW



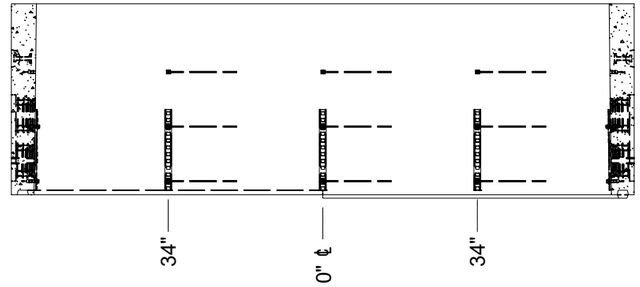
SECTION A-A
CABLE RACK SHOWN



SECTION B-B
CABLE RACK SHOWN



SECTION C-C
CABLE RACK SHOWN



SECTION D-D
CABLE RACK SHOWN

BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	7316.05 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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PART NUMBER:	100001398	DRAWN BY:	C. Gillespie
CREATED:	2/22/2024	MODIFIED:	6/20/2024

SHEET: 3 OF 3

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