



PRECAST HYDRO VAULTS

Product Guide

Transformer Foundations,
Manholes & Pull Boxes

Electrical Handholes

Access Covers

Utility Buildings

Typical Combinations





Brooklin Concrete is a precast concrete manufacturer of various designs and sizes in hydro vaults, utility manholes, and electrical handholes. We maintain strict quality control during production and offer a comprehensive line of products. Our complete fleet of crane equipped trucks can deliver and place your new vault. More importantly, our commitment to customers extends beyond the sale. Quality, versatility and service, along with competitive pricing constitute our main strengths.

Our in house design staff can prepare shop drawings for engineer review, including custom designs if required. No project is too big or small for our team to offer support.

Thank you for your interest in Brooklin Concrete, we hope you will find this catalogue a valuable guide in your underground vault needs. Included for your use in this guide are product descriptions, design pages for each item, and accessory descriptions.

For additional information please call us toll free at 1-800-655-3430

You can also visit our website at www.brooklin.com



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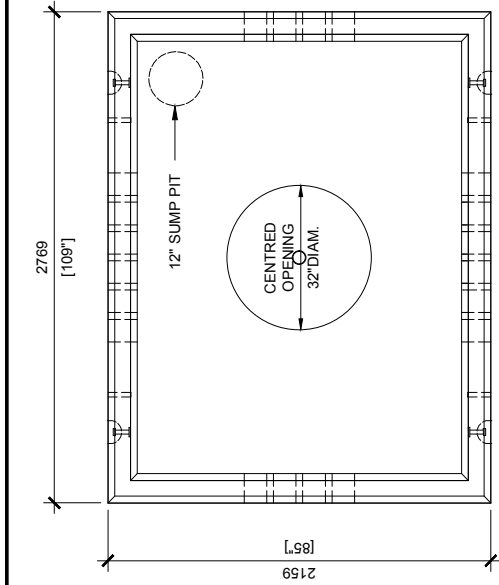
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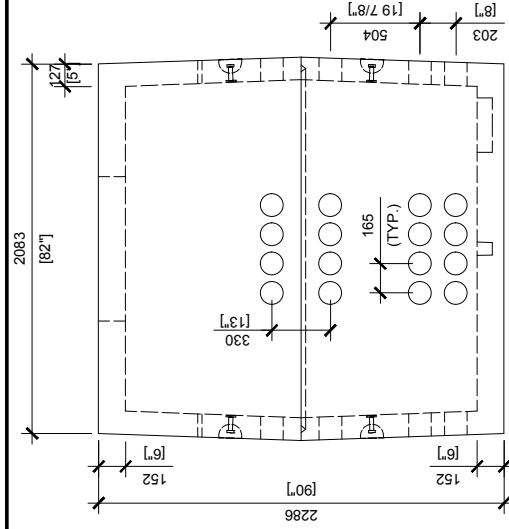
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Typical Combinations

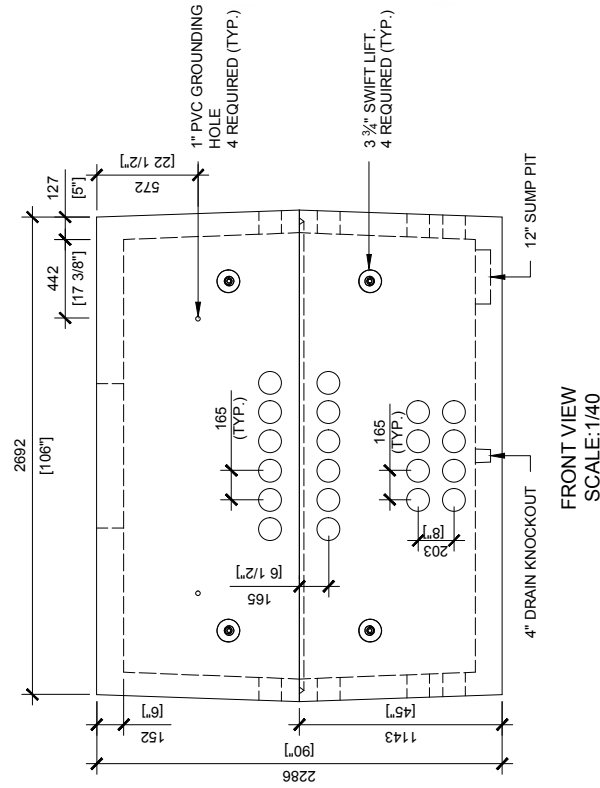
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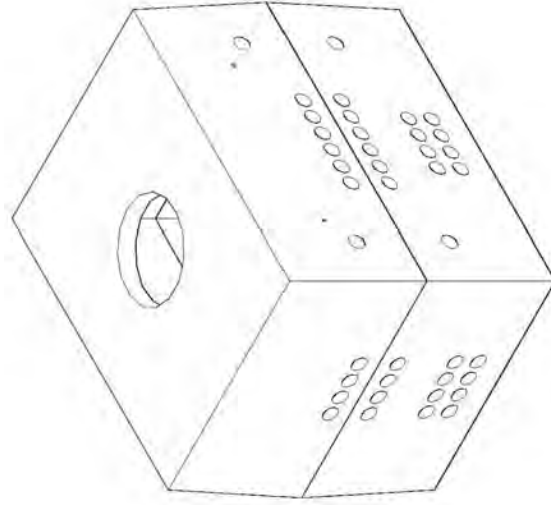
TOP VIEW
SCALE: 1/40



RIGHT VIEW
SCALE:1/40



FRONT VIEW
SCALE: 1/40



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
2. DELIVERY IS MADE BY TRUCKS, CRANE-EQUIPPED EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED.
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT. (I.E. SPREADER BAR).

MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA CAN
A23.1 / A23.3, G30.18 Fy=400MPa

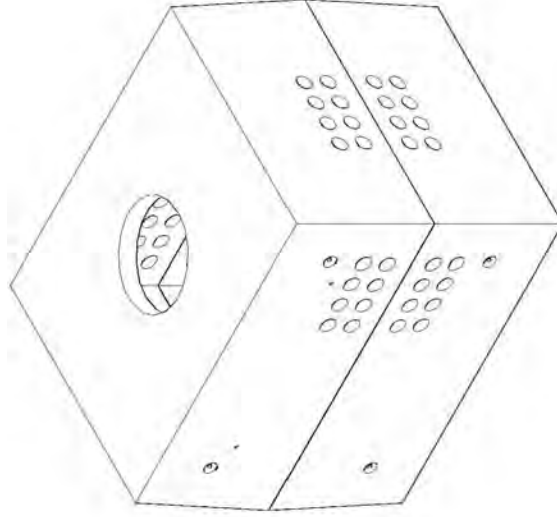
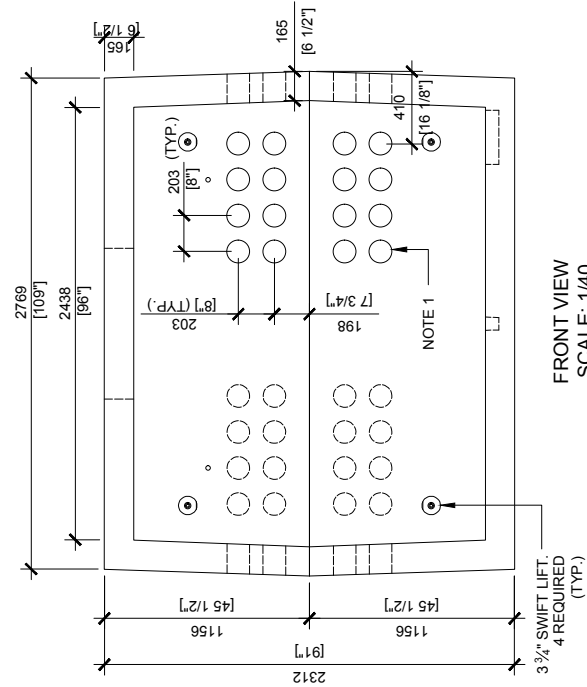
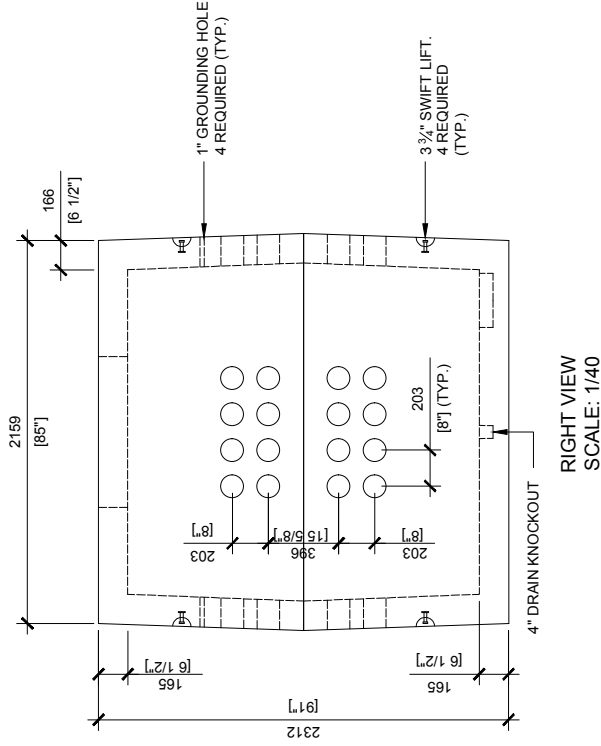
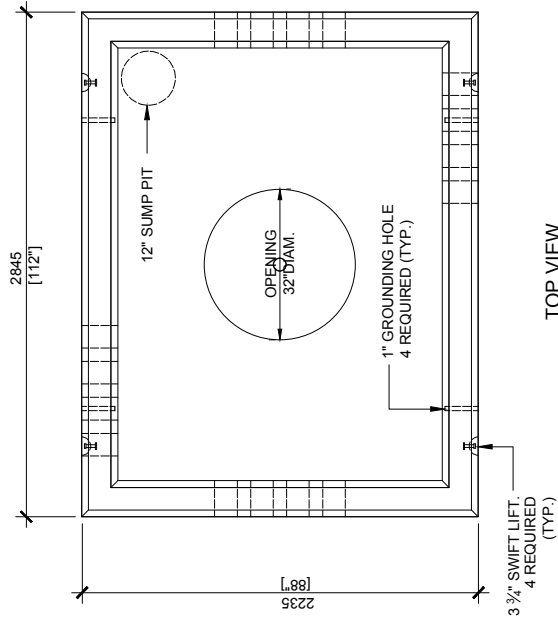
WEIGHT:
BCP104MH -20,485lbs / 9,290kg

DRAWN BY:
S.RIMLAND

DATE: AUG/2017

BCP104MH

**PRECAST CONCRETE UTILITY MANHOLE
FOR BOULEVARD USE**



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. MAXIMUM BURIAL DEPTH 40"



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

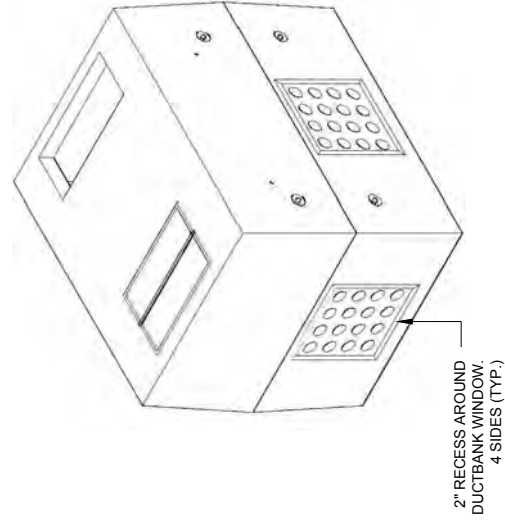
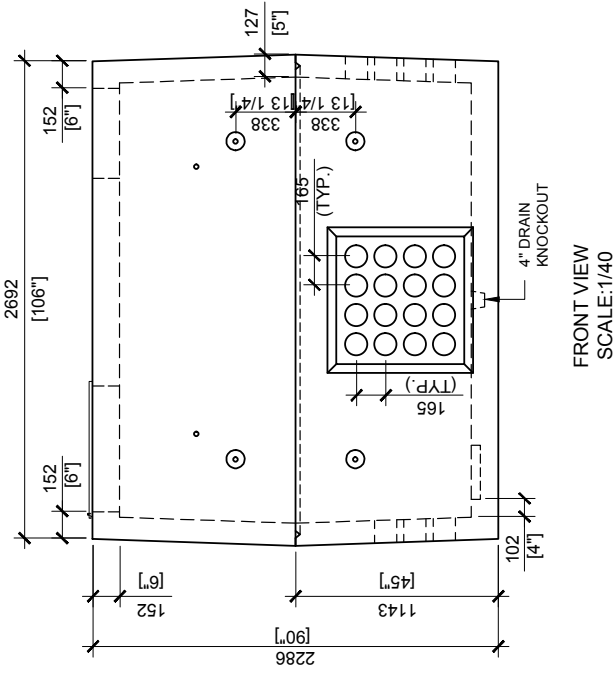
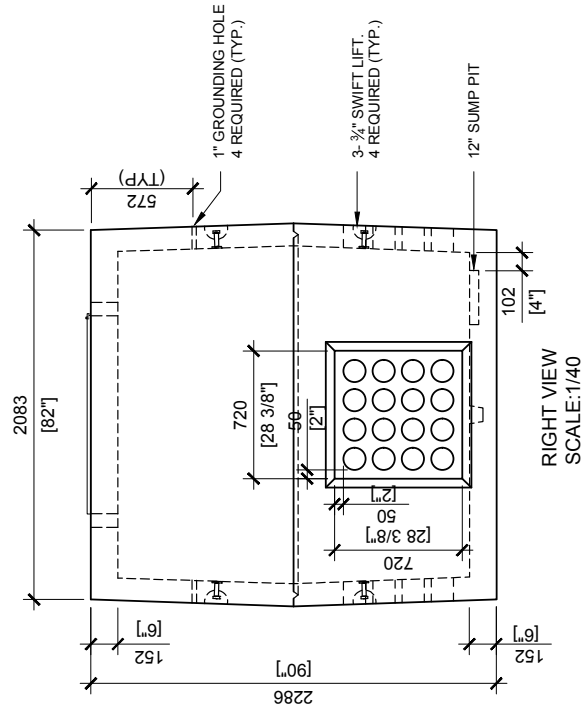
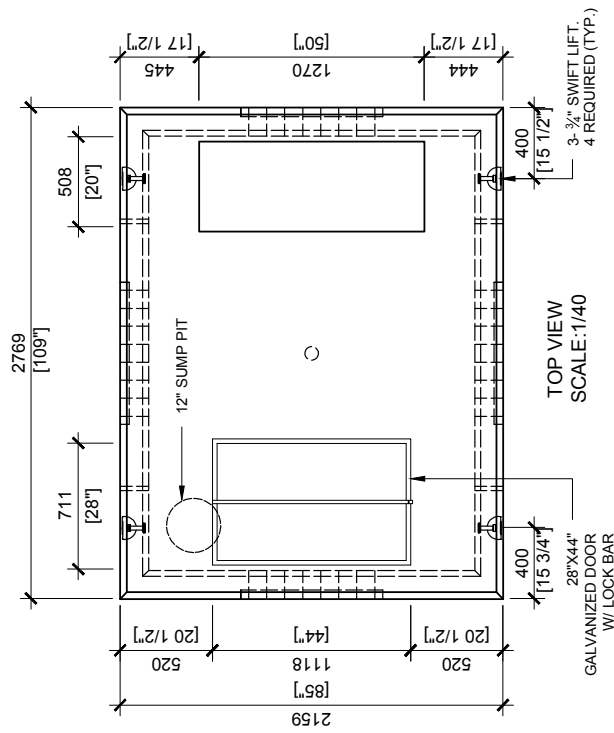
WEIGHT:
BCP104H20 -25,100lbs / 11,400kg

DRAWN BY:
S.RIMLAND

DATE:
AUG/2017

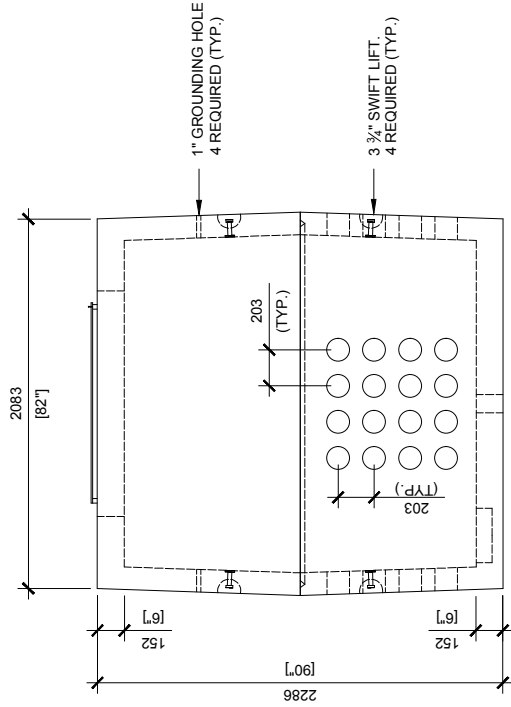
BCP104H20

PRECAST CONCRETE UTILITY MANHOLE
DESIGNED TO CL-625-ONT TRUCK LIVE LOADING AS PER CSA S6-14

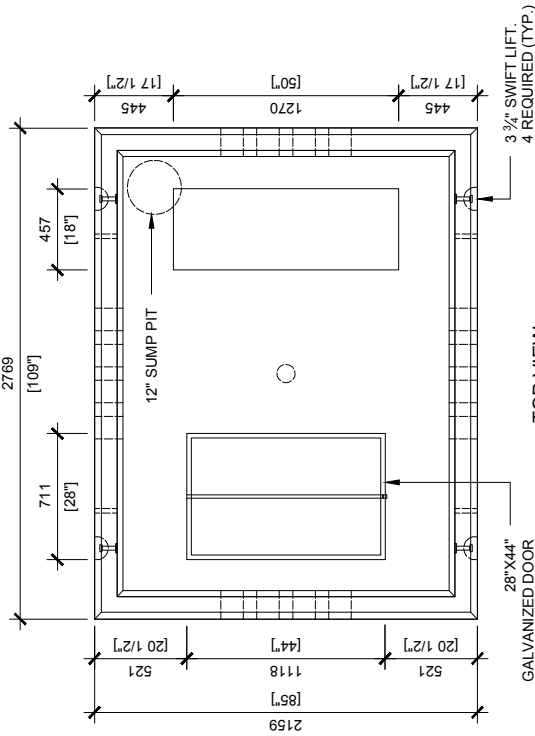


GENERAL NOTES:

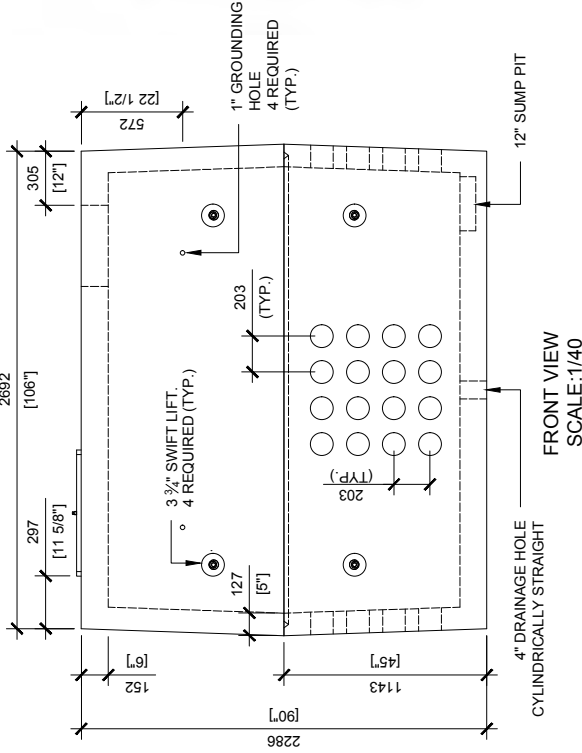
1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS, EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED.
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR).
5. UNITS MUST BE SEALED WITH BUTYL TAPE AT THE JOINTS.
6. WATER PRESSURE WAS NOT CONSIDERED IN THE STRUCTURAL DESIGN. REPORT WATER TABLE DURING CONSTRUCTION.
7. PLACE BACKFILL SIMULTANEOUSLY AROUND THE VAULT TO AVOID UNBALANCE LATERAL EARTH PRESSURES.
8. BACKFILL SHOULD BE UNIFORMLY COMPACTED TO A MINIMUM OF 98% MATERIALS SPHMD.
9. SOIL BEARING CAPACITY 75 kPa (SLs).



RIGHT VIEW
SCALE: 1/40



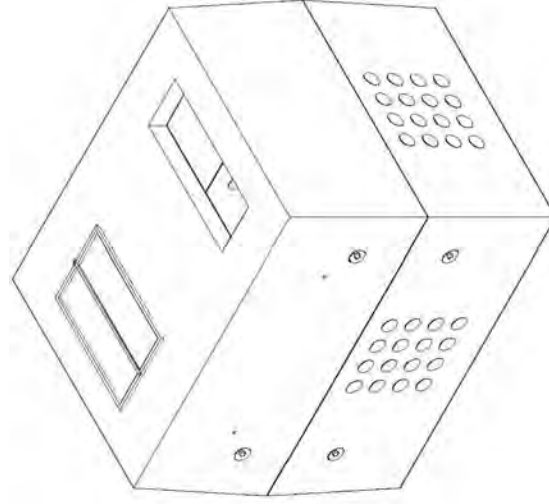
TOP VIEW
SCALE: 1/40



FRONT VIEW
SCALE: 1/40

GENERAL NOTES:

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MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3 G30.18 Fy=400MPa

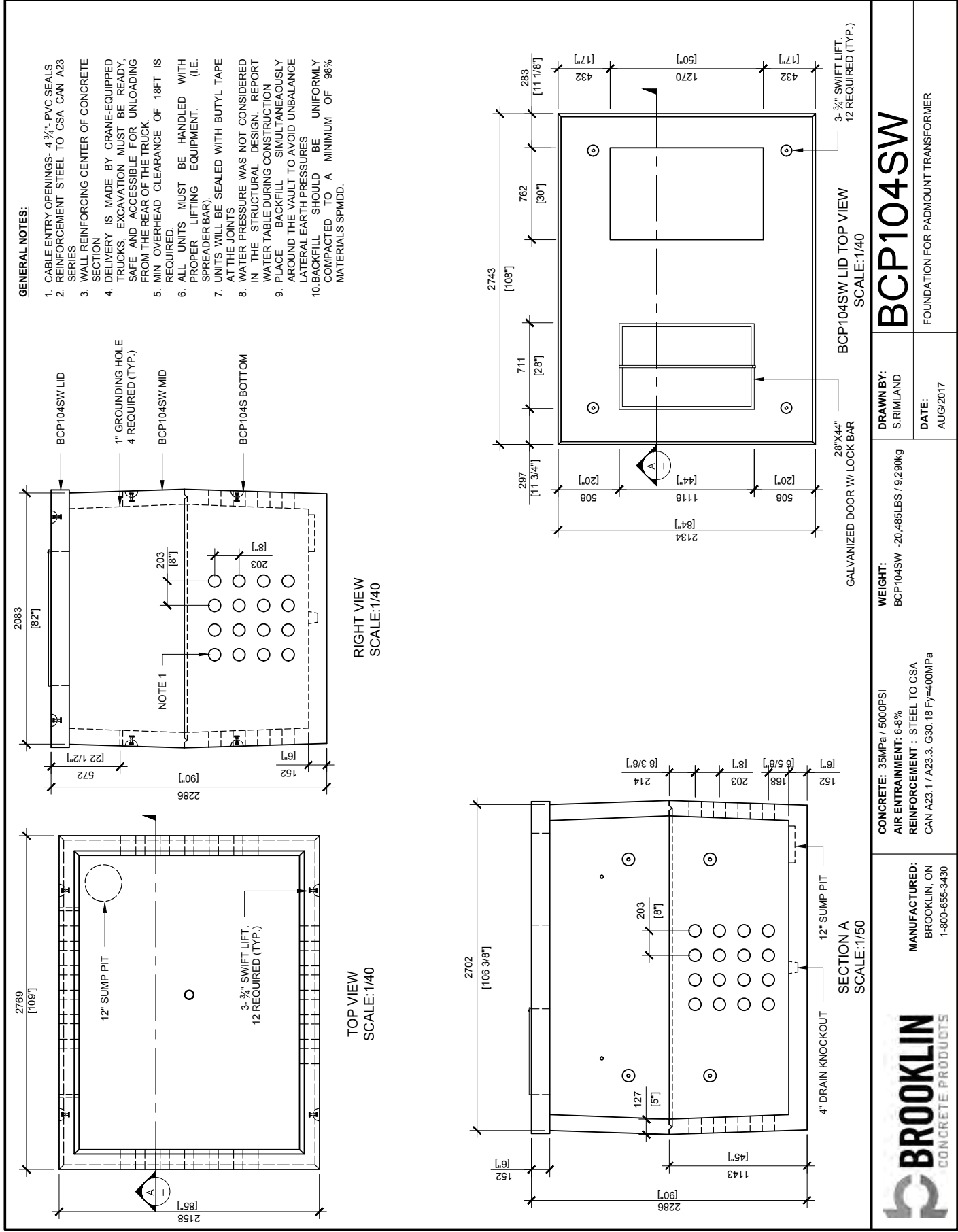
WEIGHT:
BCP104SM -20,485LBS / 9,290kg

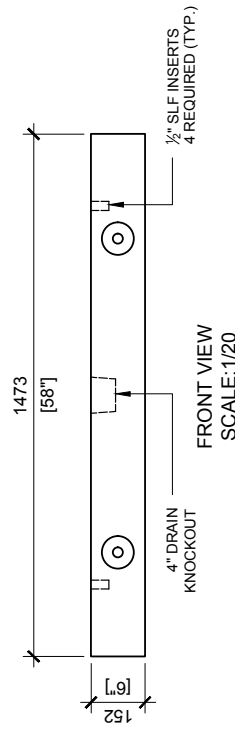
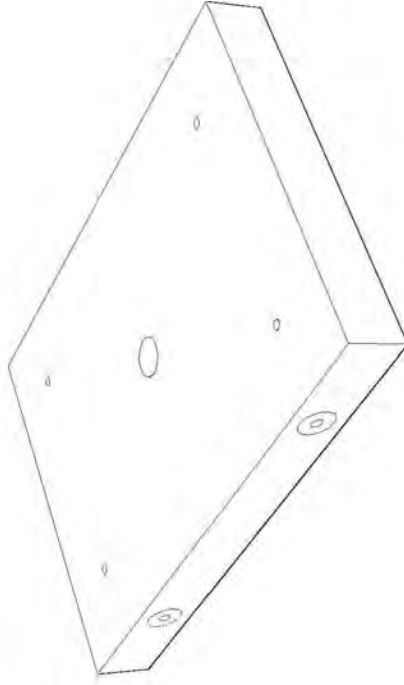
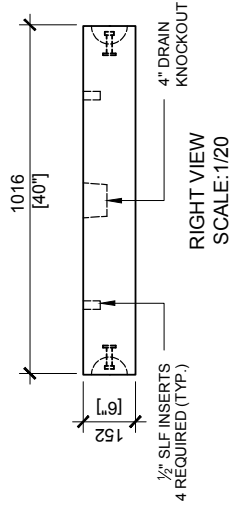
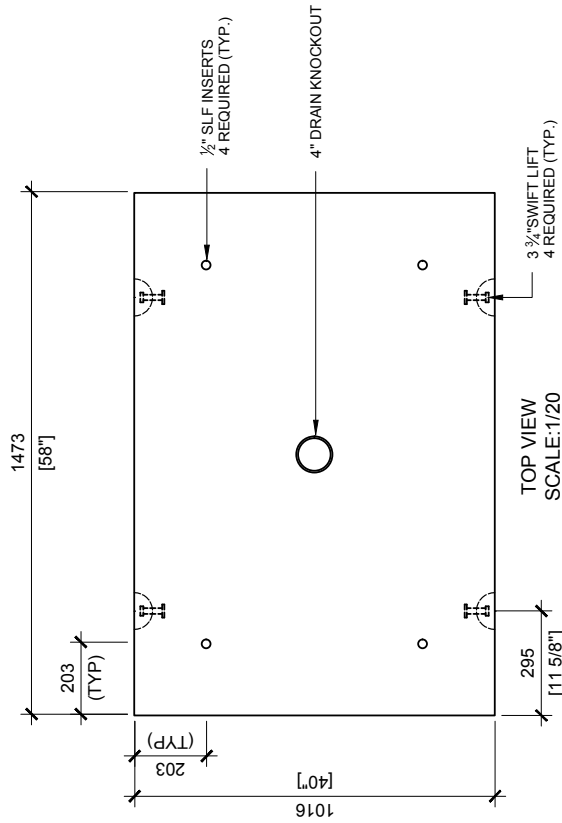
DRAWN BY:
S RIMLAND

BCP104SM

FOUNDATION FOR PADMOUNT TRANSFORMER

DATE:
AUG/2017





GENERAL NOTES:

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3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
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MANUFACTURED:
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1-800-655-3430

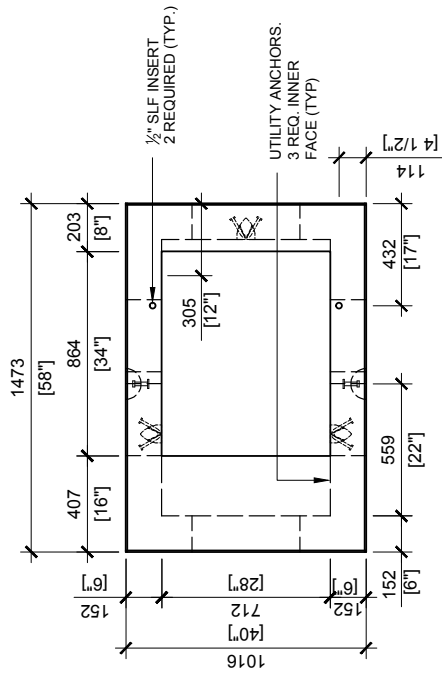
CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

DRAWN BY:
S. RIMLAND

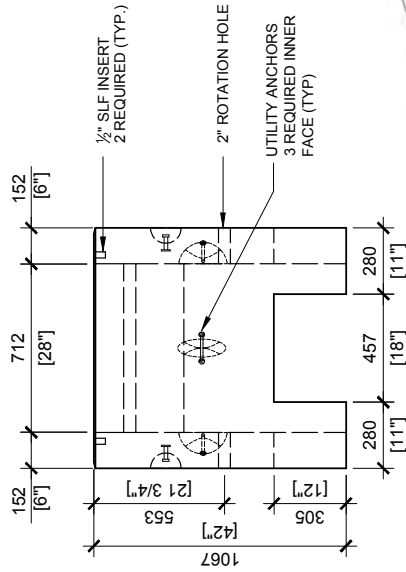
DATE:
AUG/2017

BCP110B

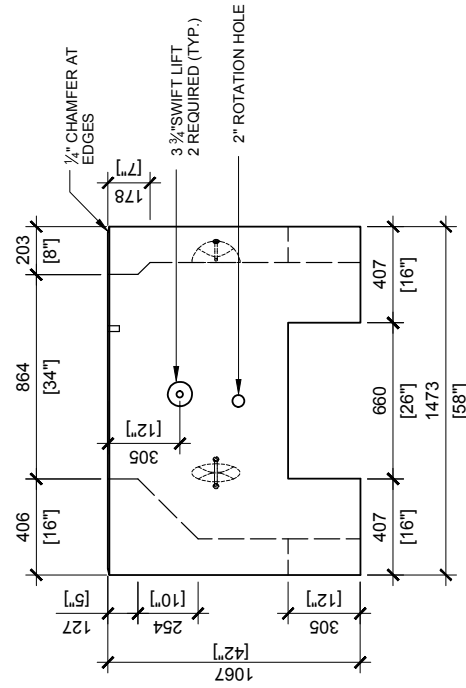
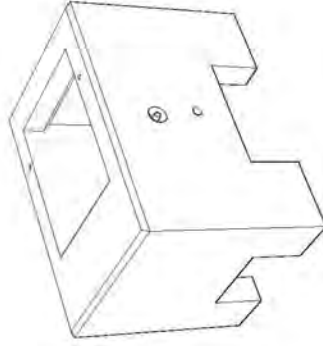
BASE FOR PRECAST FOUNDATION



TOP VIEW
SCALE: 1/30



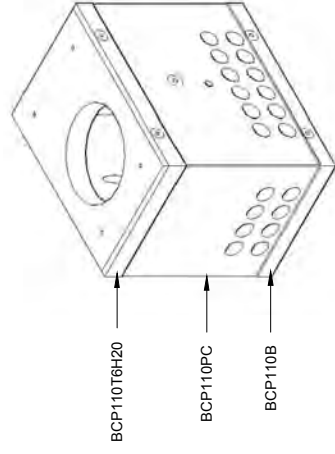
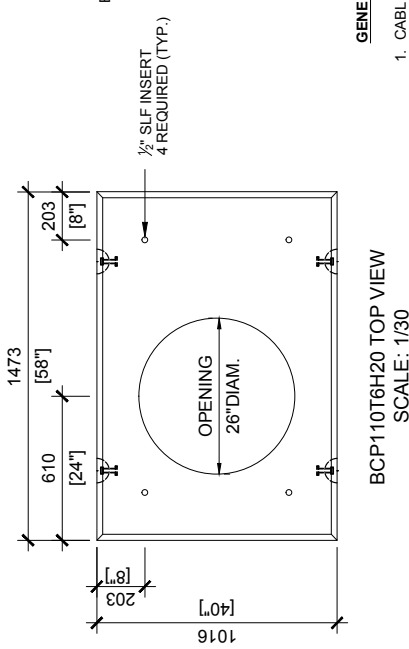
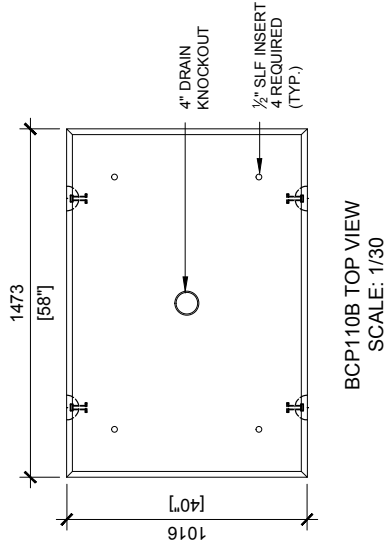
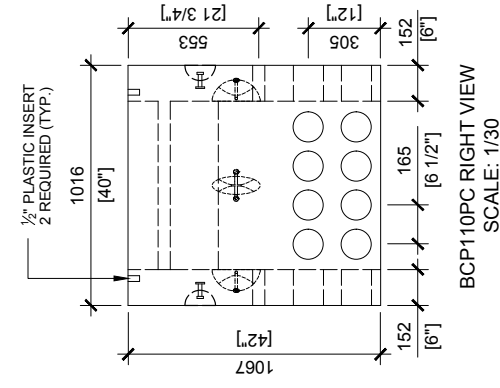
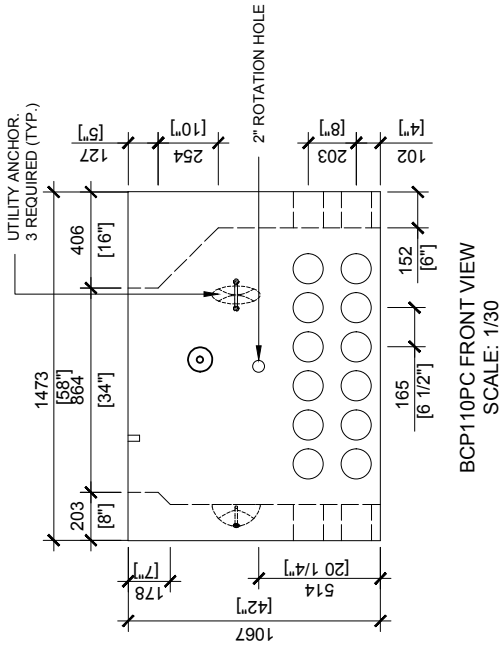
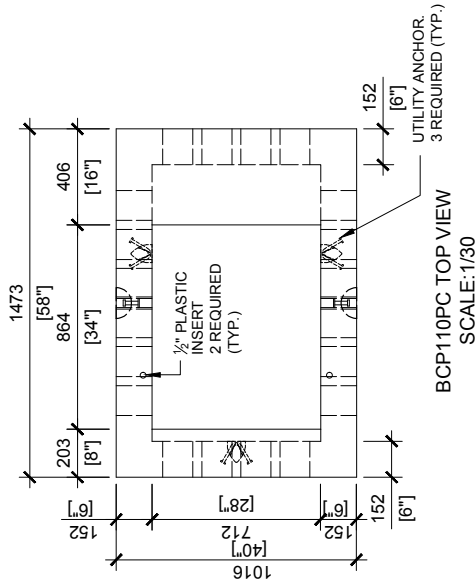
RIGHT VIEW
SCALE: 1/30



FRONT VIEW
SCALE: 1/30

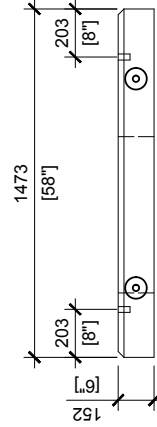
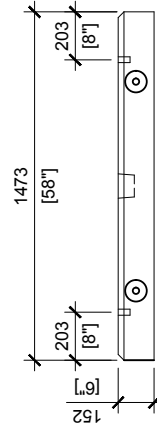
GENERAL NOTES:

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3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 150kPa (S.L.S.)
6. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
7. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 750MM OF THE INTERIOR DIMENSIONS FOR THE BASE
8. TOP EDGES TO HAVE CHAMFER



BCP110B TOP VIEW
SCALE: 1/30

BCP110T6H20 TOP VIEW
SCALE: 1/30



BCP110B FRONT VIEW
SCALE: 1/30

BCP110T6H20 FRONT VIEW
SCALE: 1/30

GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
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MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

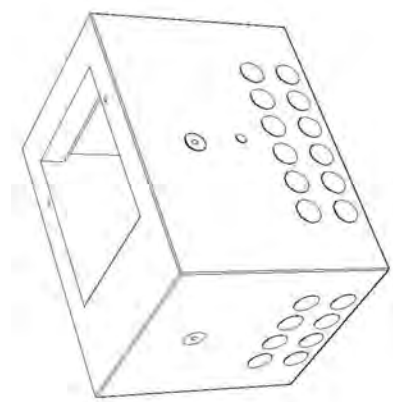
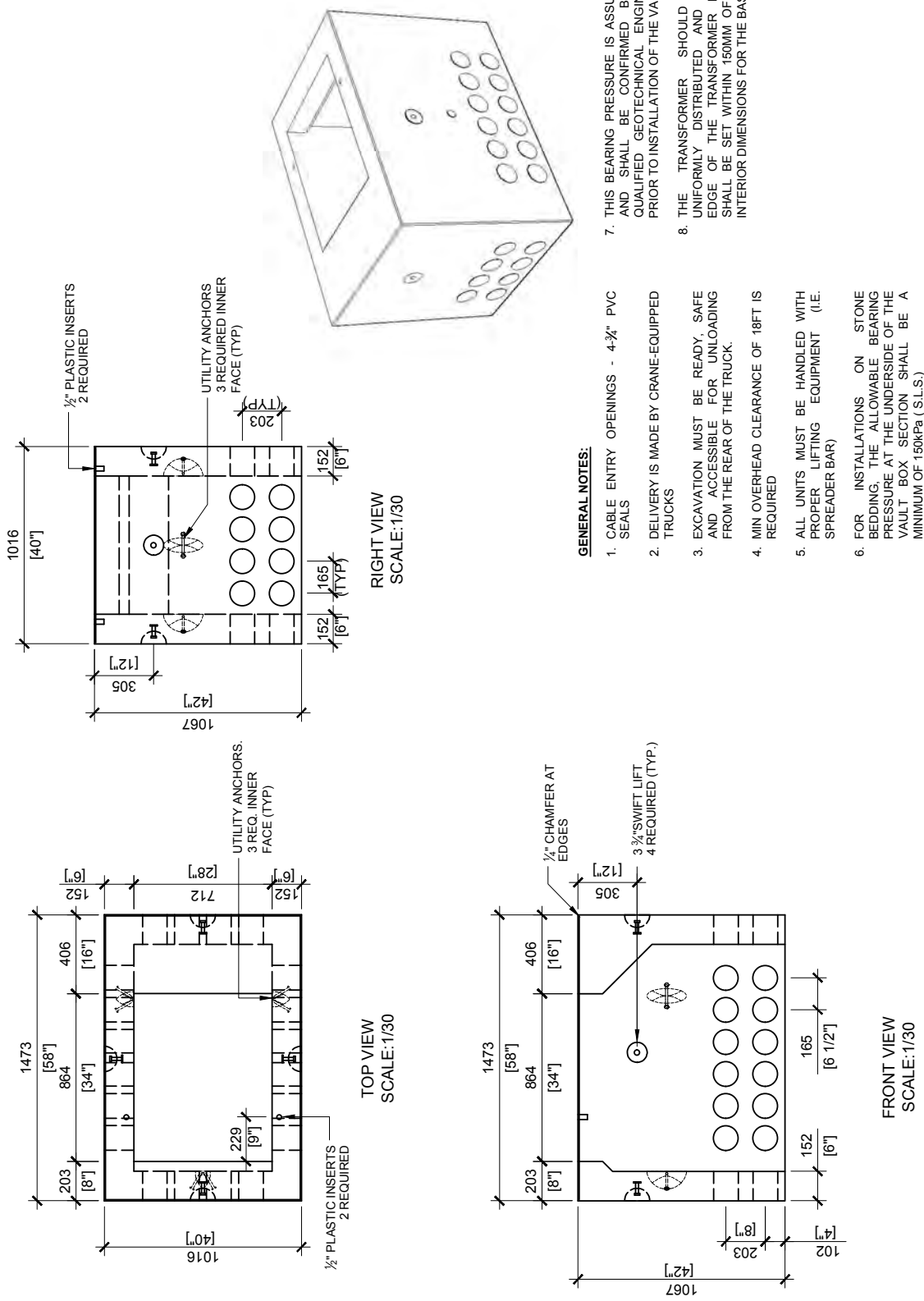
WEIGHT:
BCP110T6H20 - 926lbs / 420kg
BCP110PC - 3,650lbs / 1,640kg
BCP110B - 1,200lbs / 545kg

DRAWN BY:
S.RIMLAND

DATE:
AUG/2017

BCP110H20

PRECAST CONCRETE UTILITY MANHOLE
DESIGNED TO CL-625-ONT TRUCK LIVE LOADING AS PER CSA S6-14



GENERAL NOTES:

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7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

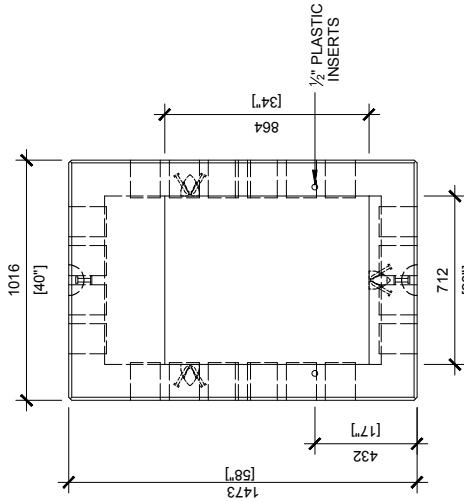
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A23.1 / A23.3. G30.18 Fy=400MPa

DRAWN BY:
S.RIMLAND

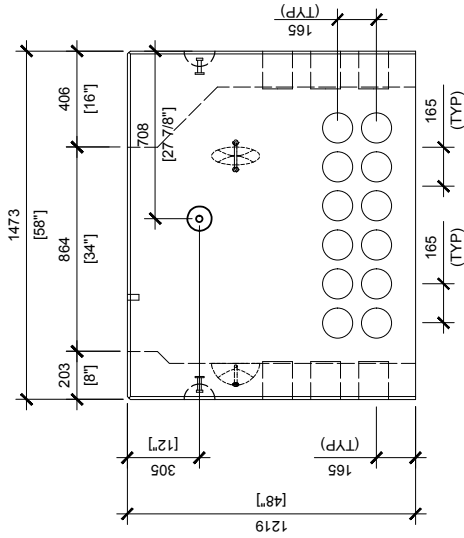
DATE:
AUG/2017

BCP110PC

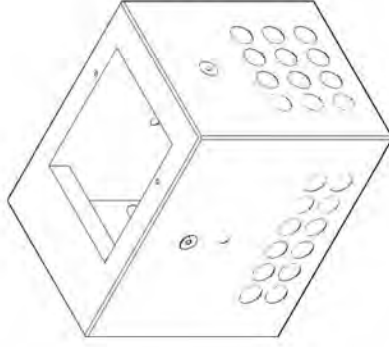
FOUNDATION FOR PADMOUNT TRANSFORMER



TOP VIEW
SCALE:1/30

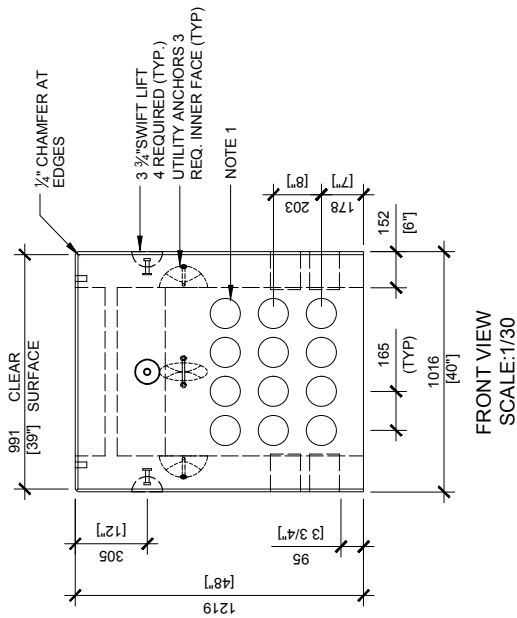


RIGHT VIEW
SCALE:1/30



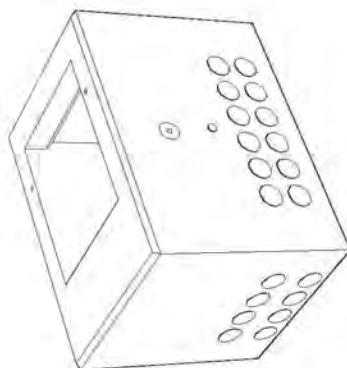
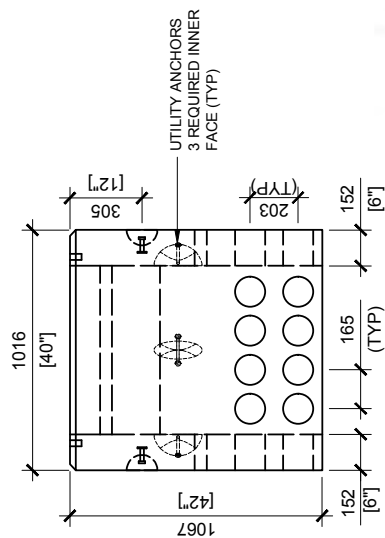
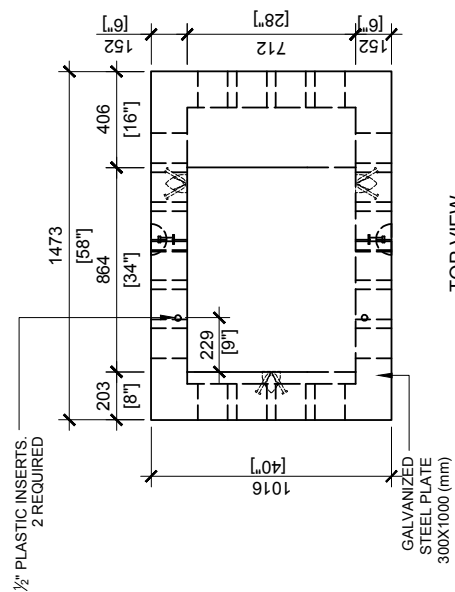
GENERAL NOTES:

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8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE
9. TOP EDGES TO BE CHAMFERED



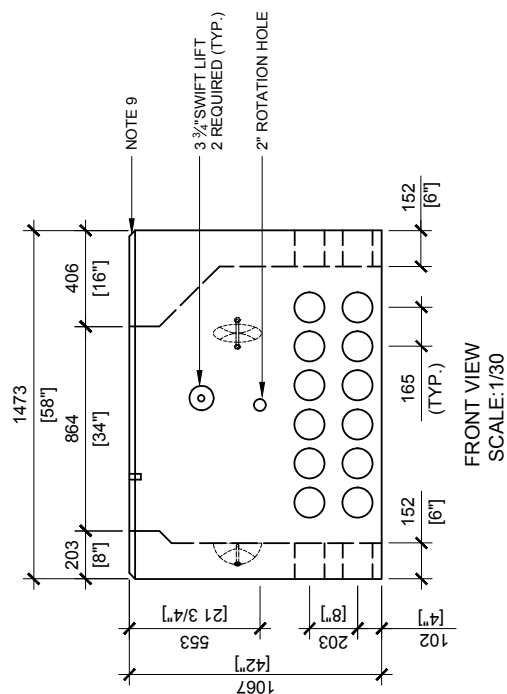
FRONT VIEW
SCALE:1/30

 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa	WEIGHT: BCP110PM - 4,555lbs / 2,065kg	DRAWN BY: S.RIMLAND	DATE: AUG/2017
			BCP110PM	FOUNDATION FOR PADMOUNT TRANSFORMER	

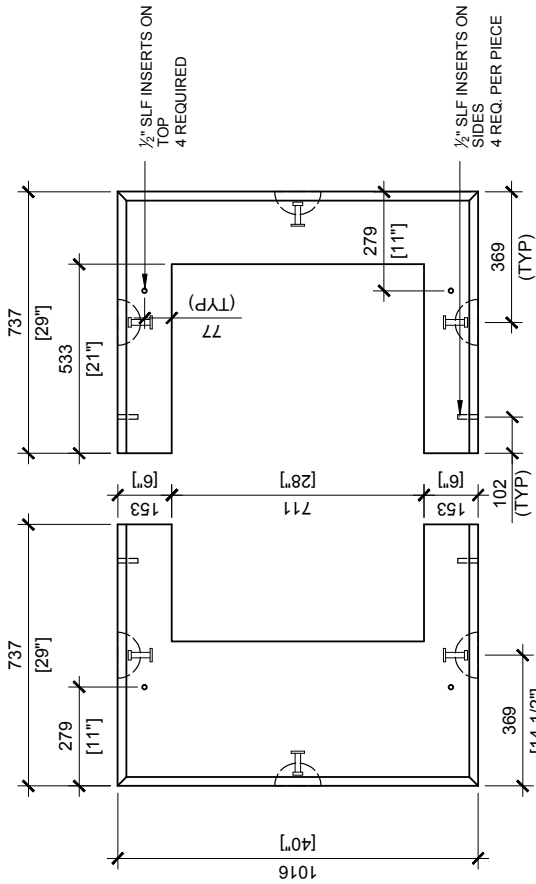


GENERAL NOTES:

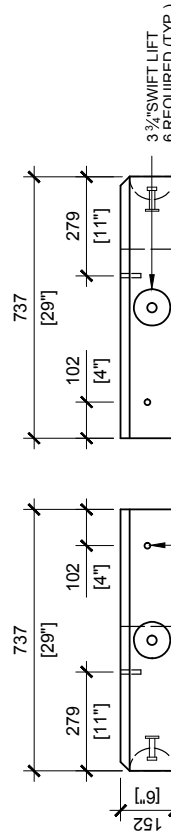
1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE PAVEMENT BOX SECTION SHALL BE A MINIMUM OF 150KPa (S.L.S.)
7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE
9. TOP EDGES TO HAVE CHAMFER



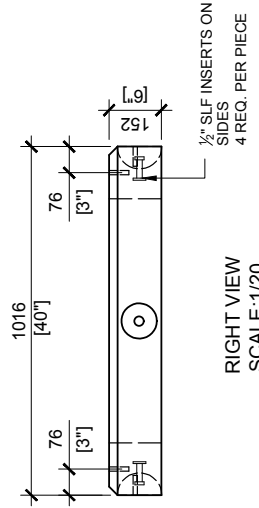
 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa	WEIGHT: BCP110PS -3,650lbs / 1,660kg	DRAWN BY: S.RIMLAND	BCP110PS FOUNDATION FOR MULTIPLEX JUNCTION CUBICLE
				DATE: AUG2017	



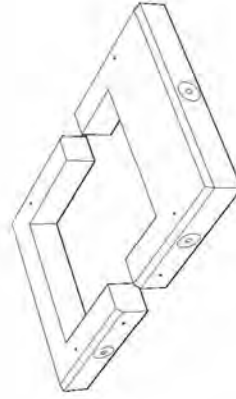
TOP VIEW
SCALE: 1/20



FRONT VIEW
SCALE: 1/20



RIGHT VIEW
SCALE: 1/20



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. TOP EDGES TO HAVE CHAMFER



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

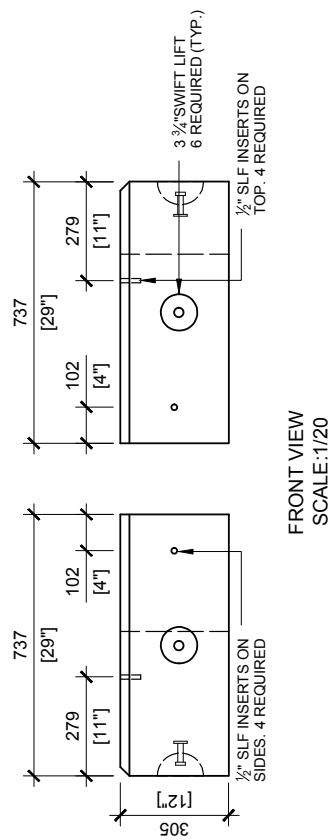
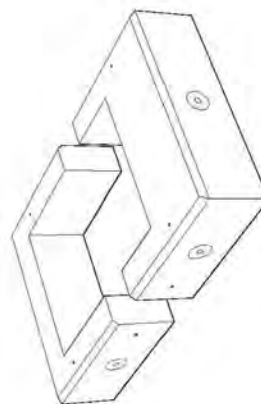
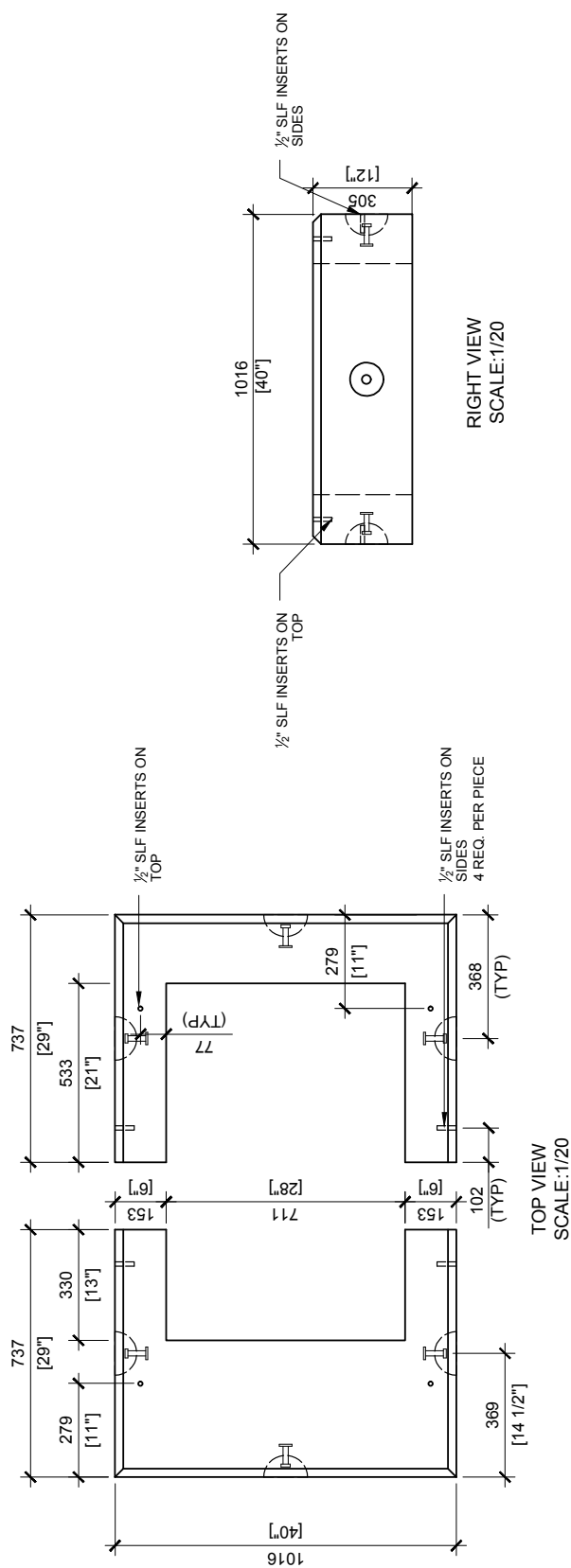
WEIGHT:
BCP110TC6 -700lbs / 320kg

DRAWN BY:
S.RIMLAND

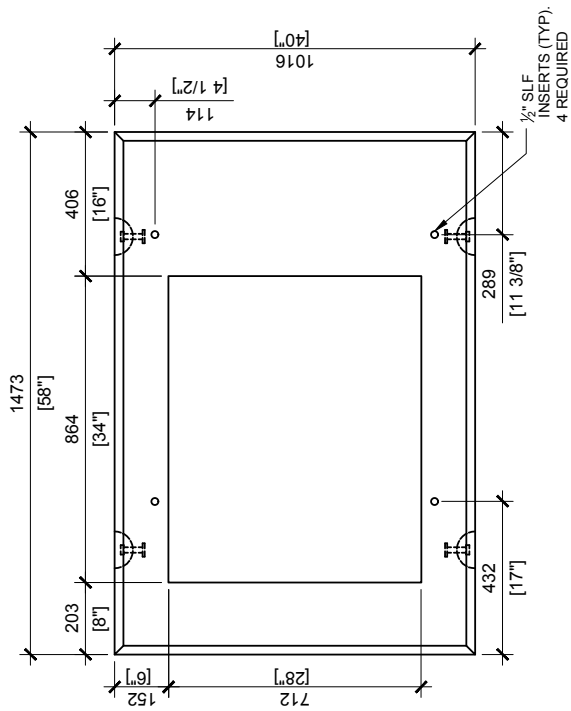
BCP110TC6

DATE:
AUG2017

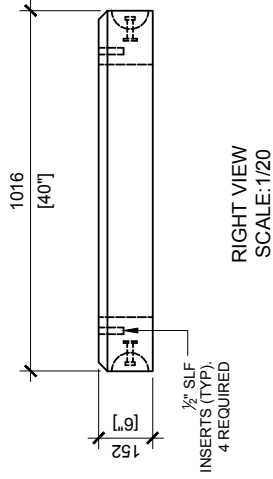
TOP COLLAR FOR PRECAST FOUNDATION



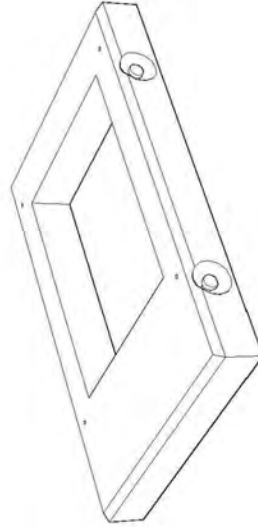
 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED BY: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa	WEIGHT: BCP110TC12 -1.425lbs / 645kg	DRAWN BY: S.RIMLAND	BCP110TC12
			DATE: AUG/2017	TOP COLLAR FOR PRECAST FOUNDATION	



TOP VIEW
SCALE:1/20

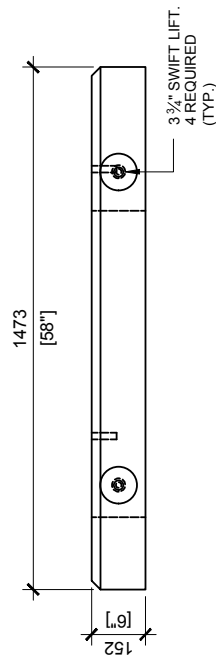


RIGHT VIEW
SCALE:1/20



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. TOP EDGES TO HAVE CHAMFER



FRONT VIEW
SCALE:1/20



MANUFACTURED BY:
BROOKLIN, ON
1-800-665-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3 G30.18 Fy=400MPa

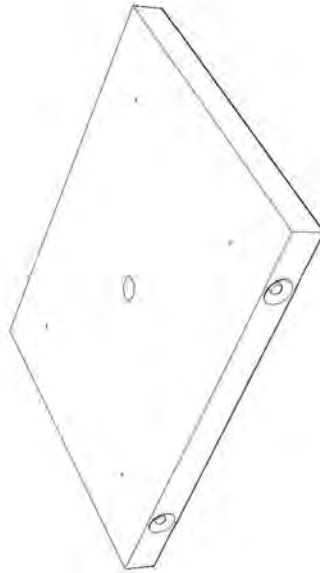
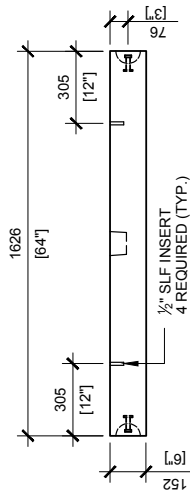
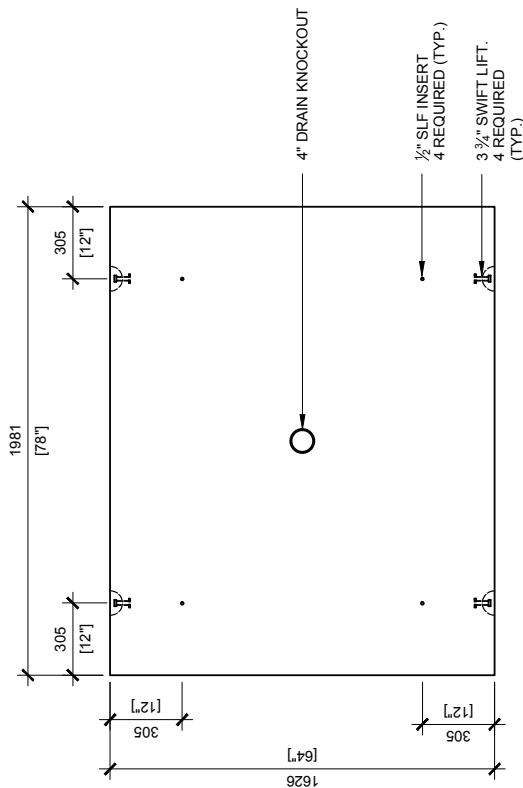
WEIGHT:
BCP110TPCHO - 700lbs / 315kg

DRAWN BY:
S.RIMLAND

BCP110TPCHO

DATE:
AUG2017

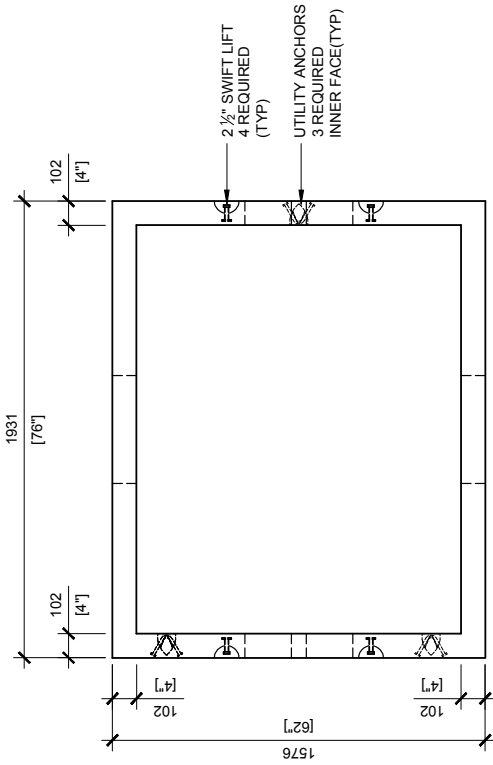
TOP COLLAR FOR PRECAST FOUNDATION



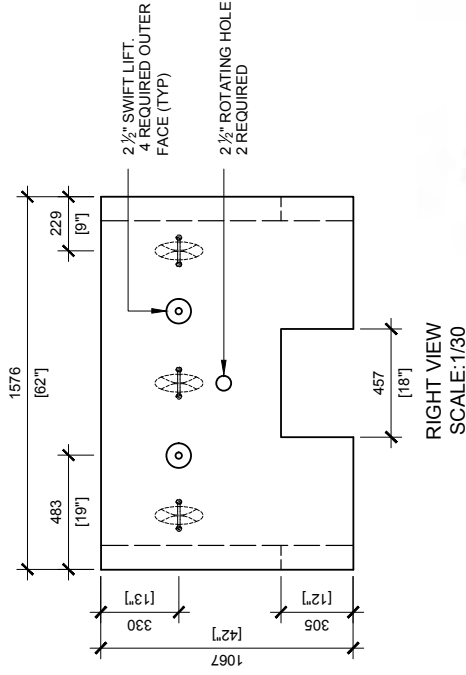
GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 75KPa (S.L.S.)
6. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT

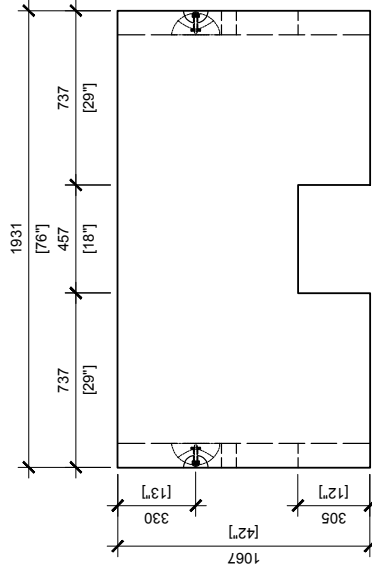
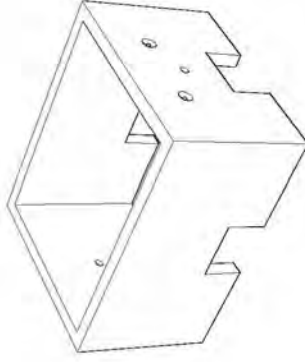
 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3 G30.18 Fy=400MPa	WEIGHT: BCP111B -2,600lbs / 1,120kg	DRAWN BY: S RIMLAND	BCP111B
				DATE: AUG/2017	



TOP VIEW
SCALE:1/30



RIGHT VIEW
SCALE:1/30



FRONT VIEW
SCALE:1/30

GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
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6. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
7. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa

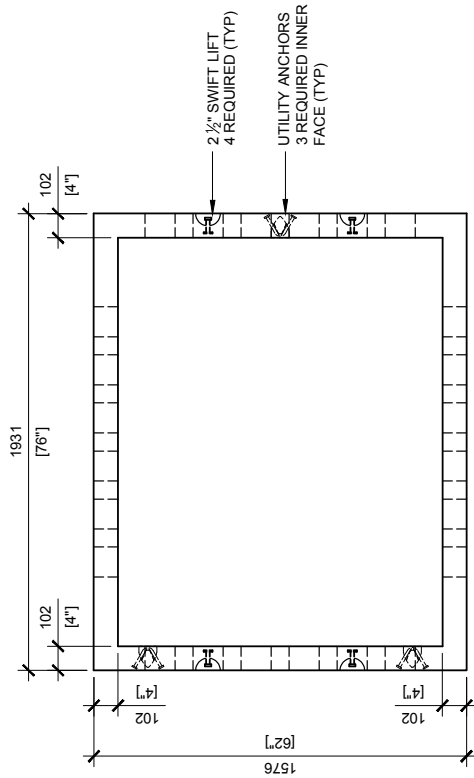
WEIGHT:
BCP111C -3,500lbs / 1,590kg

DRAWN BY:
S.RIMLAND

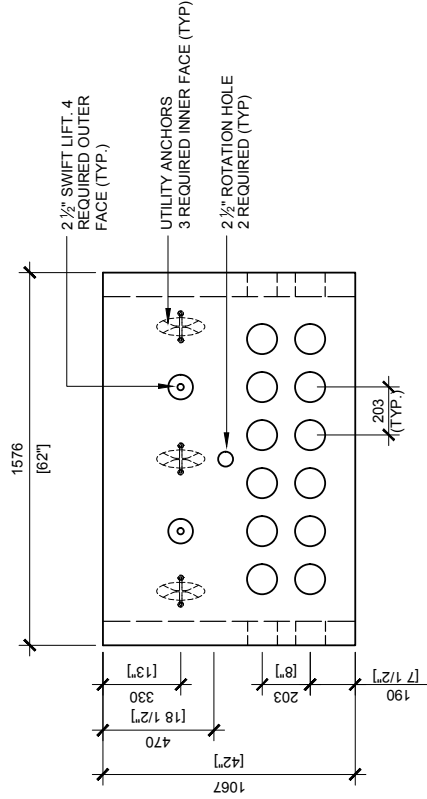
DATE:
AUG2017

BCP111C

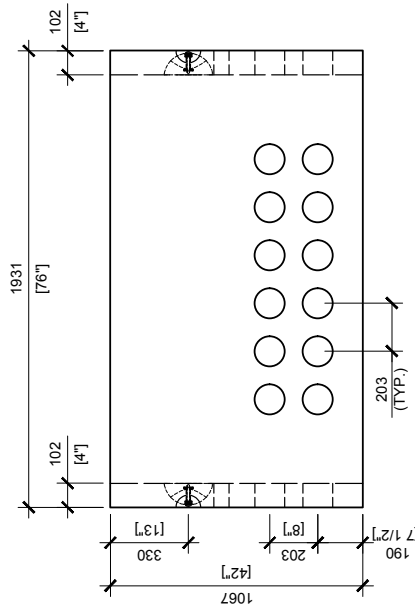
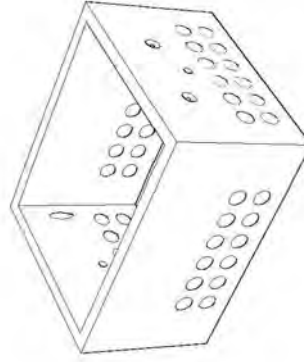
FOUNDATION FOR PADMOUNT TRANSFORMER



TOP VIEW
SCALE: 1/30



RIGHT VIEW
SCALE: 1/30



FRONT VIEW
SCALE: 1/30

GENERAL NOTES:

- CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
- DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
- EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
- MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
- ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
- FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 75kPa (S.L.S.)
- THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
- THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa

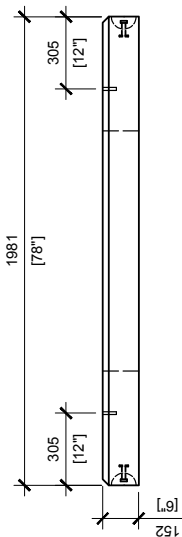
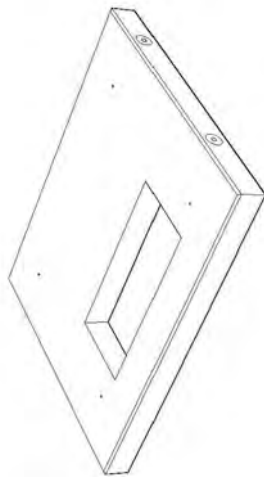
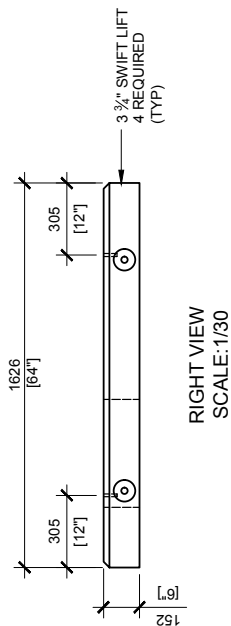
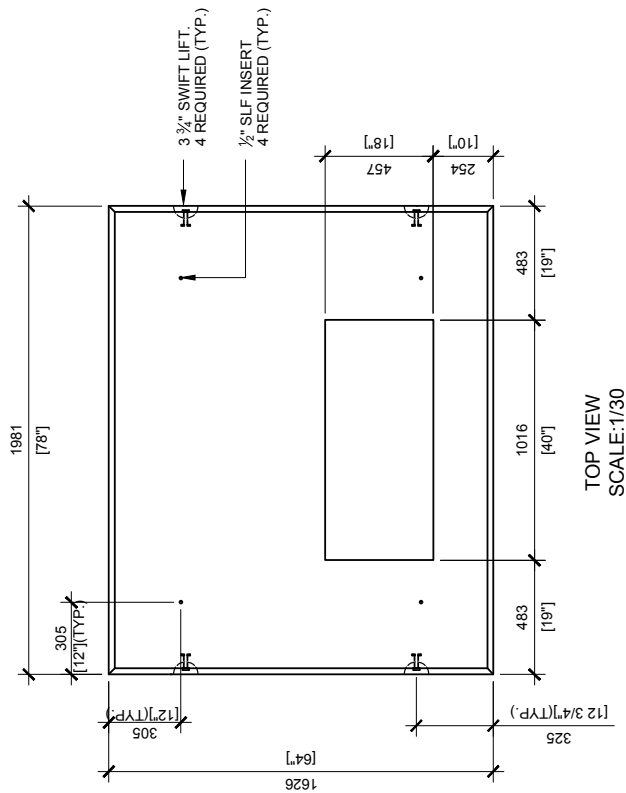
WEIGHT:
BCP111P - 3,635lbs / 1,650kg

DRAWN BY:
S.RIMLAND

DATE:
AUG/2017

BCP111P

FOUNDATION FOR PADMOUNT TRANSFORMER



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

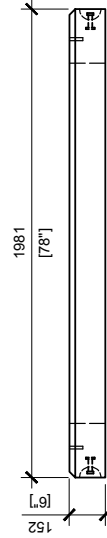
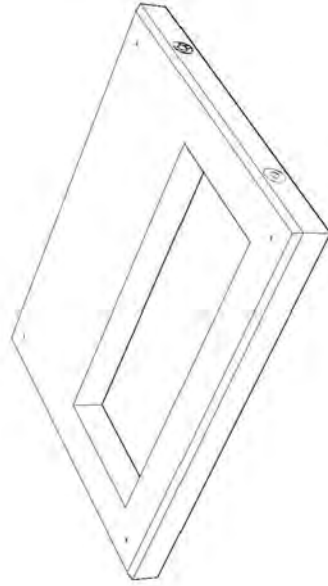
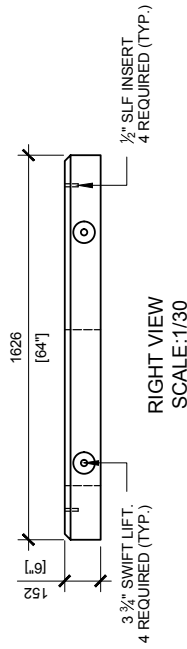
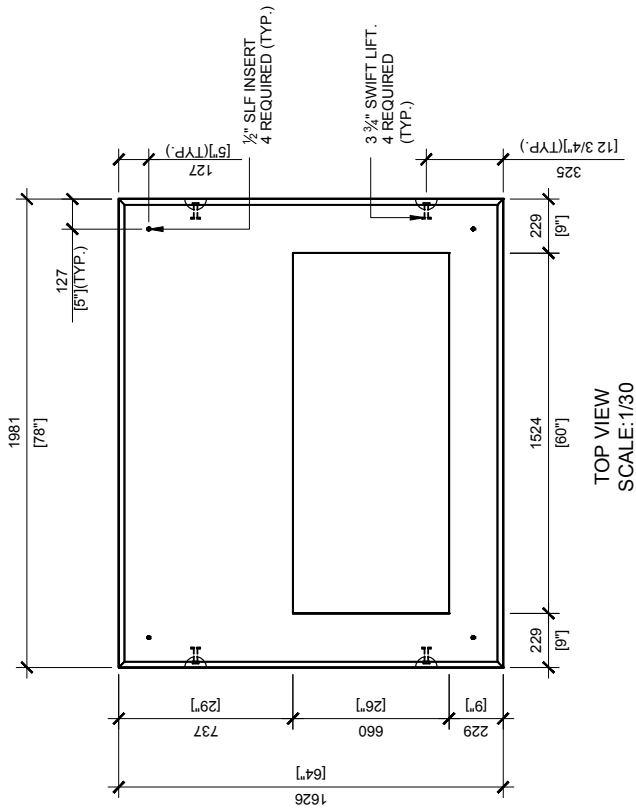
WEIGHT:
BCP111T - 2,200lbs / 1,000kg

DRAWN BY:
S. RIMLAND

DATE:
AUG/2017

BCP111T6

PRECAST TOP FOR TRANSFORMER FOUNDATION



FRONT VIEW
SCALE: 1/30

TOP VIEW
SCALE: 1/30

RIGHT VIEW
SCALE: 1/30

GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 75kPa (S.L.S.)
6. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED
7. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE

GEOTECHNICAL ENGINEER PRIOR TO
INSTALLATION OF THE VAULT



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

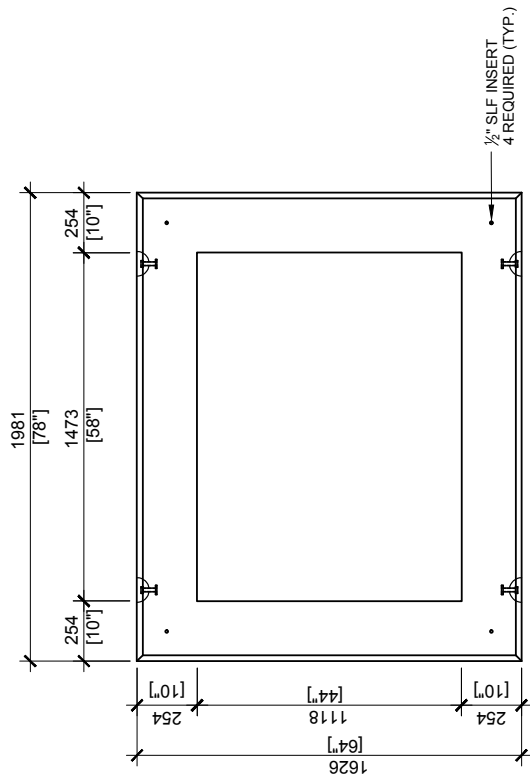
WEIGHT:
BCP111TGW -1,765lbs / 800kg

DRAWN BY:
S.RIMLAND

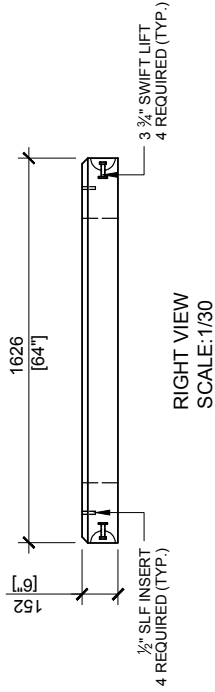
DATE:
AUG/2017

BCP111TGW

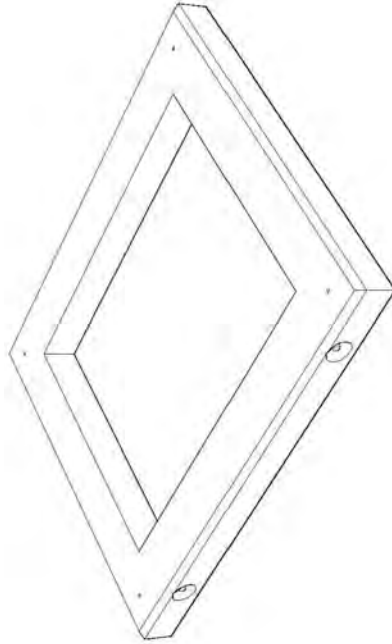
PRECAST TOP FOR TRANSFORMER FOUNDATION



TOP VIEW
SCALE: 1/30

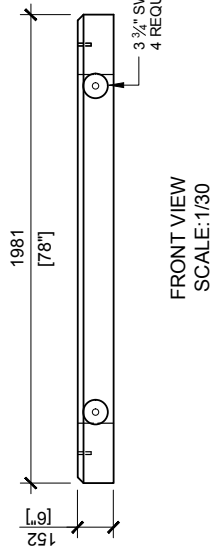


RIGHT VIEW
SCALE: 1/30



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. TOP EDGES TO HAVE CHAMFER



FRONT VIEW
SCALE: 1/30



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

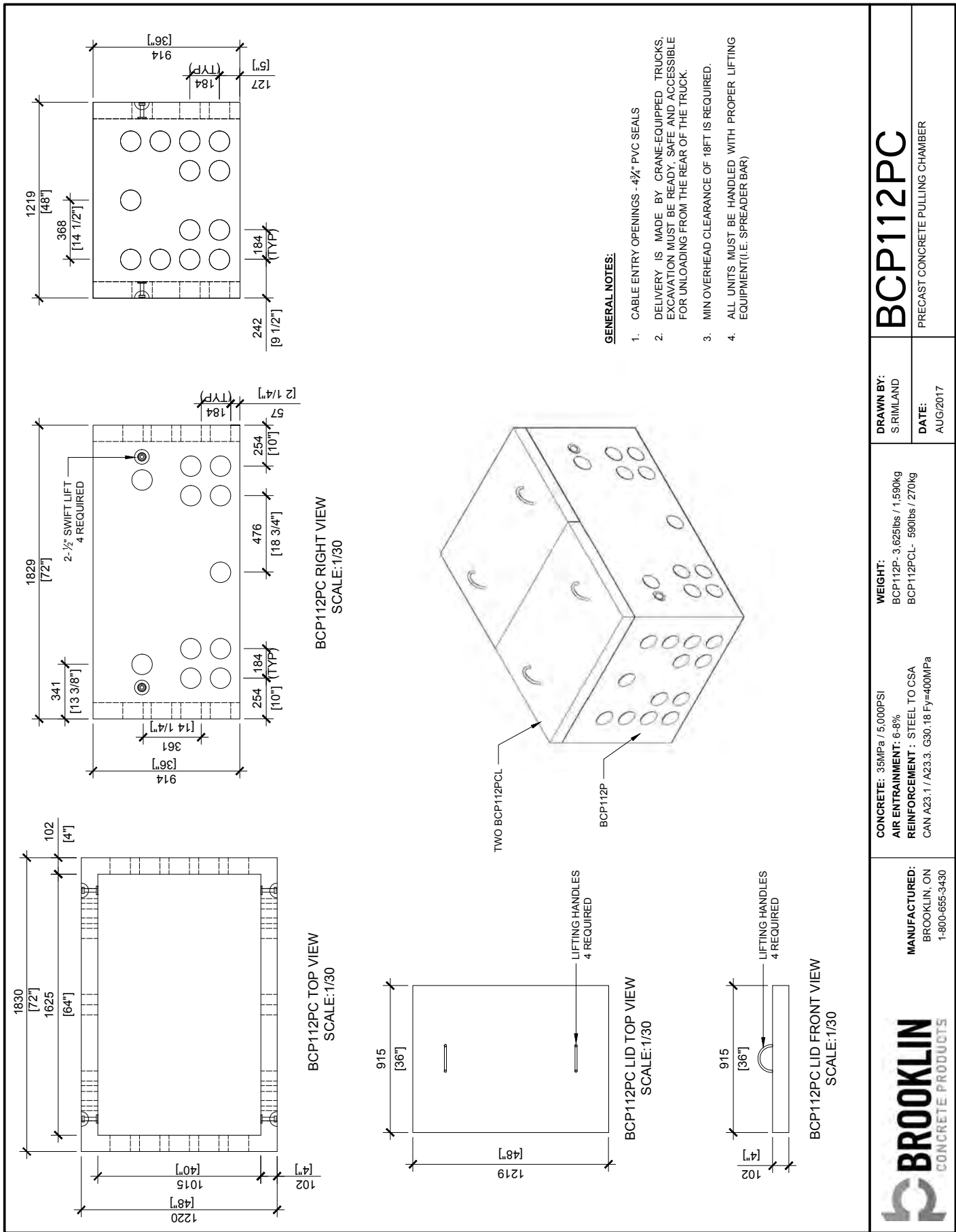
CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18 Fy=400MPa

DRAWN BY:
S. RIMLAND

DATE:
AUG2017

BCP111TK

TOP COLLAR FOR PRECAST FOUNDATION



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3 G30.18 Fy=400MPa

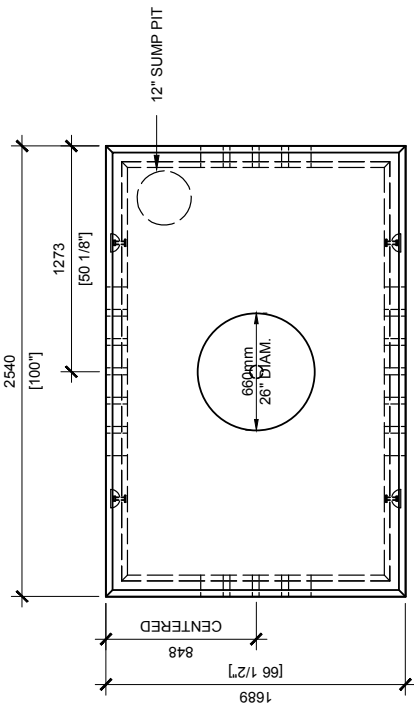
WEIGHT:
BCP112P- 3,625lbs / 1,590kg
BCP112PCL- 590lbs / 270kg

DRAWN BY:
S. RIMLAND

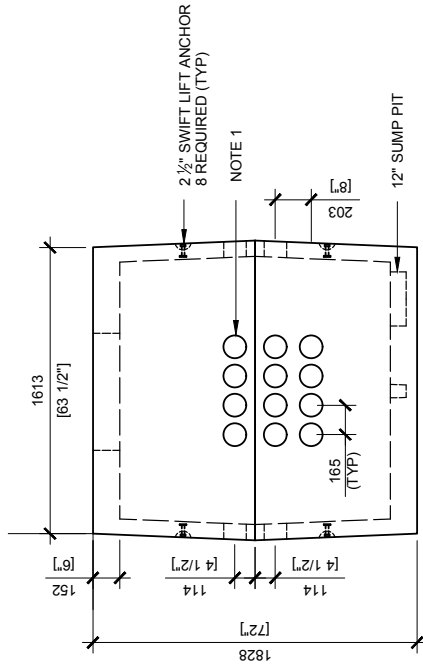
DATE:
AUG/2017

BCP112PC

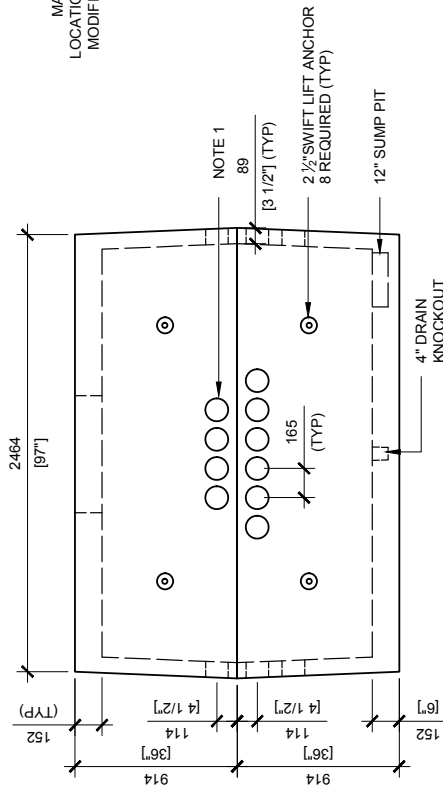
PRECAST CONCRETE PULLING CHAMBER



TOP VIEW
SCALE: 1/40

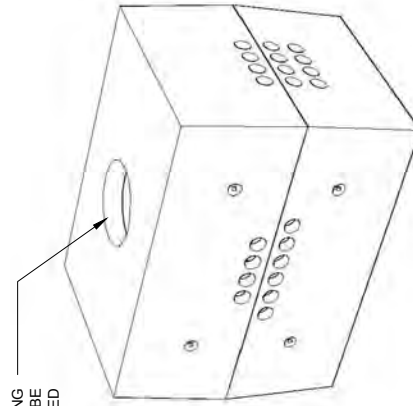


RIGHT VIEW
SCALE: 1/40



FRONT VIEW
SCALE: 1/40

MANHOLE OPENING
LOCATION & SIZE MAY BE
MODIFIED AS REQUIRED



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

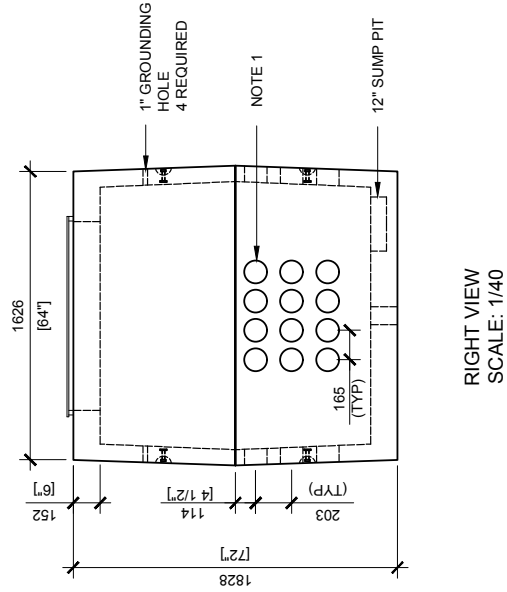
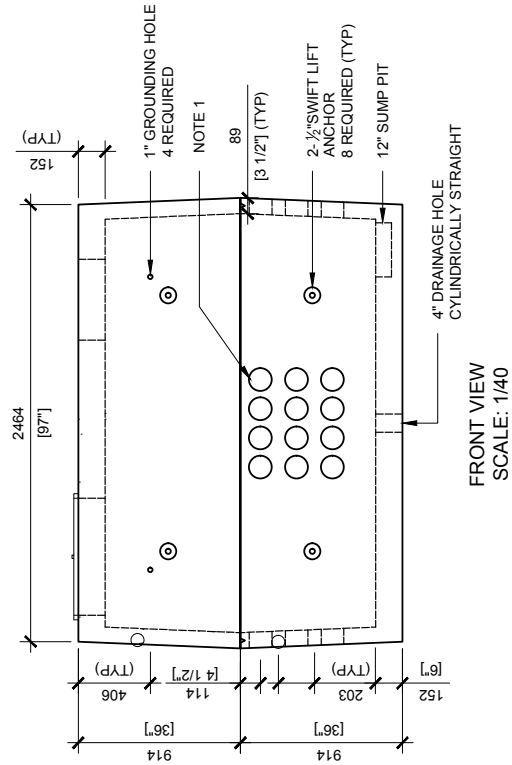
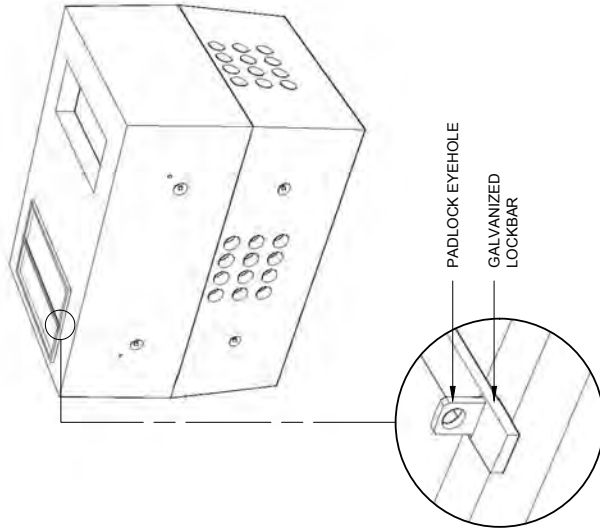
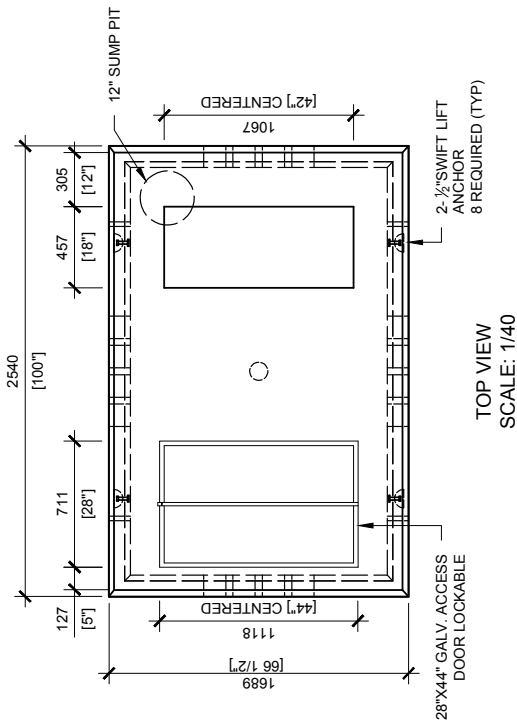
WEIGHT:
BCP113MH -10,300lbs / 4,680kg

DRAWN BY:
S.RIMLAND

DATE:
AUG2017

BCP113MH

PRECAST CONCRETE UTILITY MANHOLE
FOR BOULEVARD USE



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

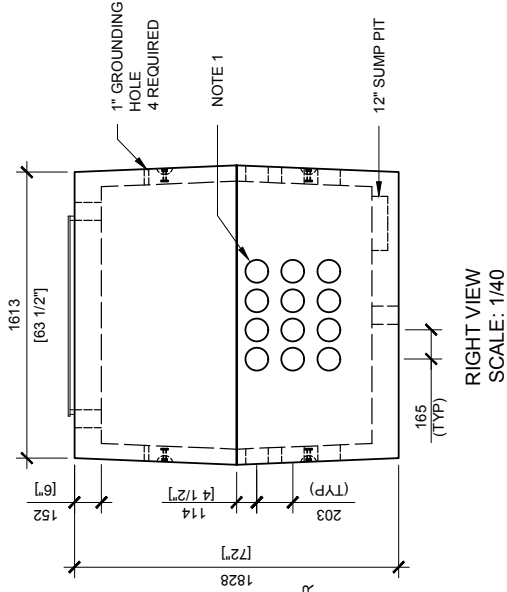
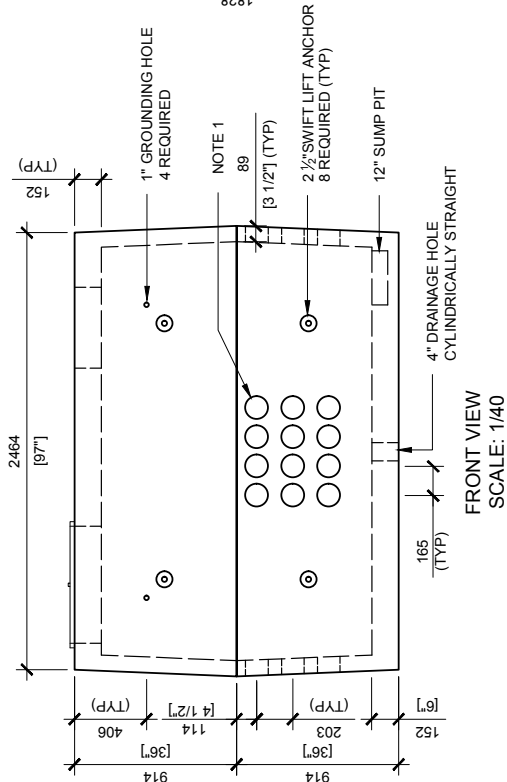
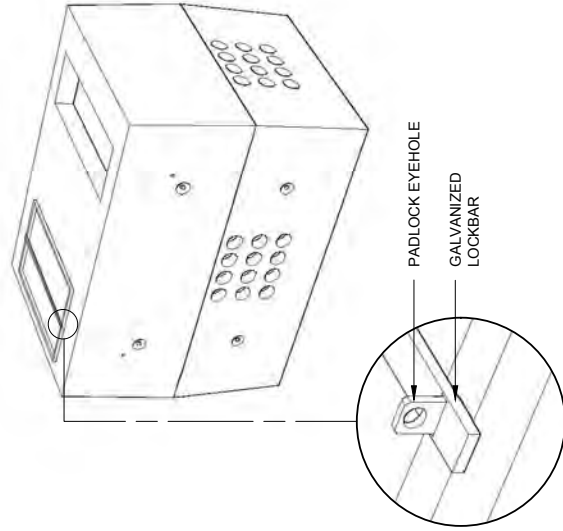
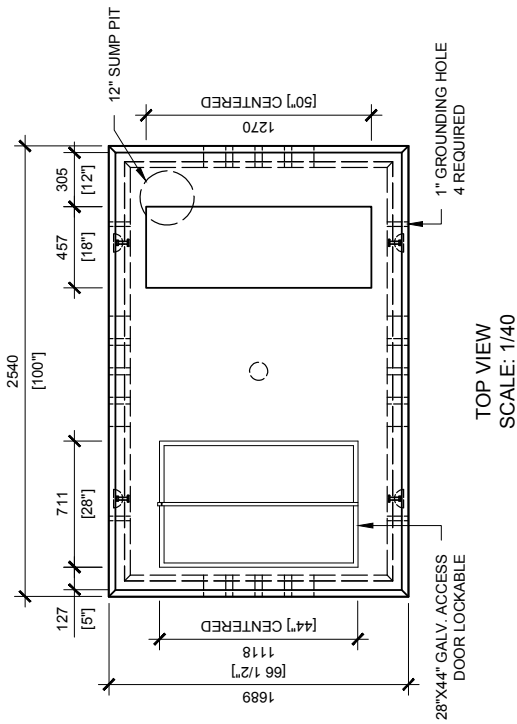
WEIGHT:
BCP113SE -10,300lbs / 4,680kg

DRAWN BY:
S.RIMLAND

DATE:
AUG2017

BCP113SE

FOUNDATION FOR PADMOUNT TRANSFORMER



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

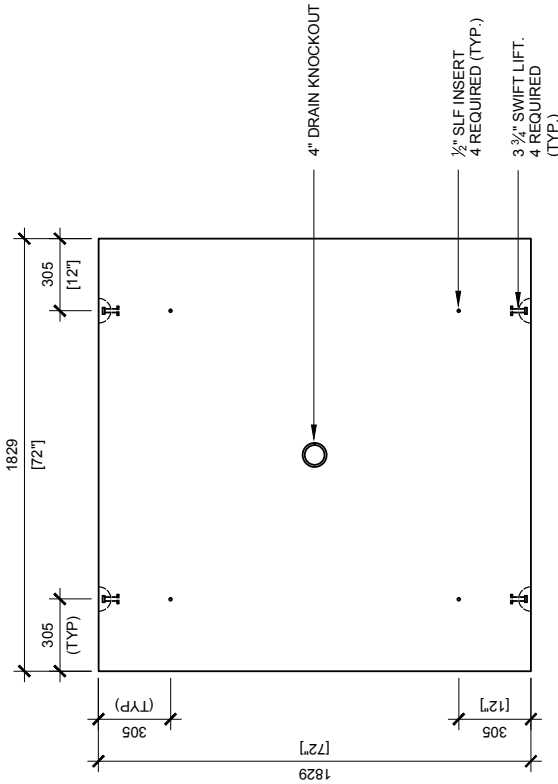
WEIGHT:
BCP113SM - 10,300lbs / 4,680kg

DRAWN BY:
S.RIMLAND

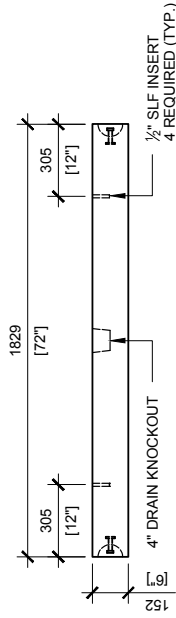
DATE:
AUG2017

BCP113SM

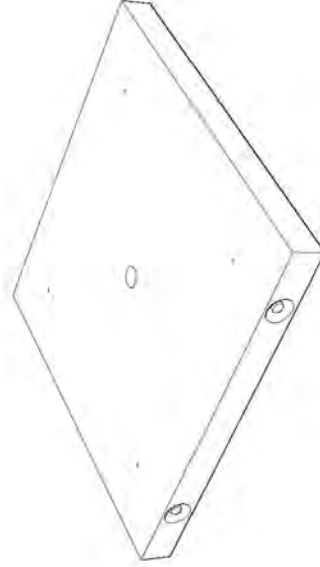
FOUNDATION FOR PADMOUNT TRANSFORMER



TOP VIEW
SCALE: 1/30



RIGHT VIEW
SCALE: 1/30



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 75KPa (S.L.S.)
6. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3, G30.18 Fy=400MPa

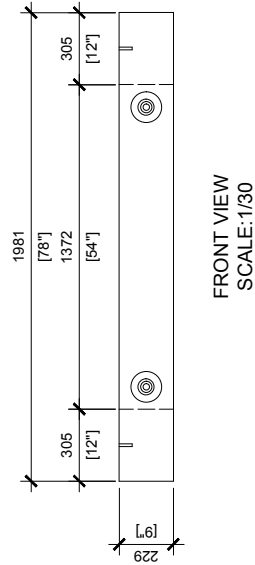
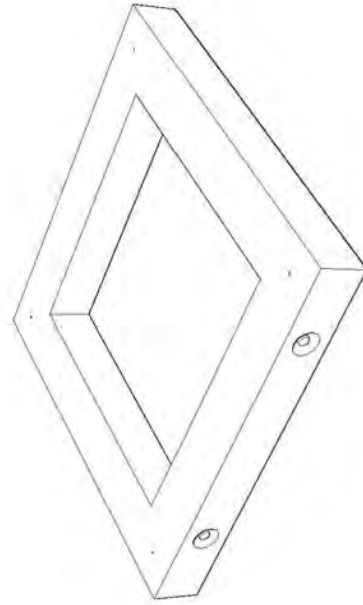
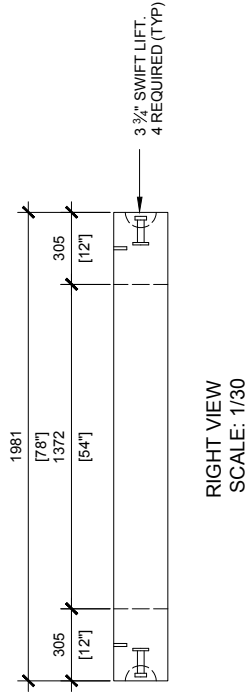
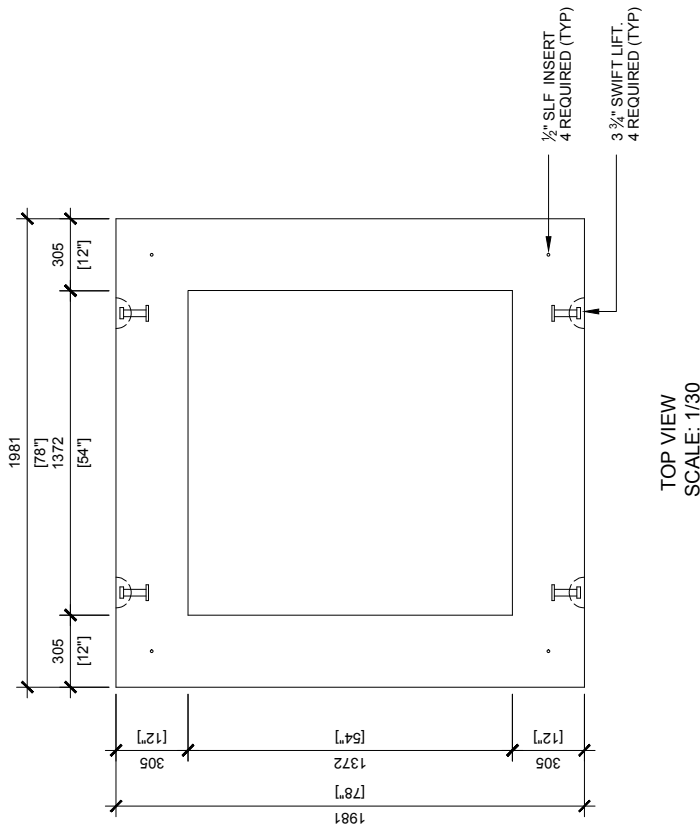
WEIGHT:
BCP114B - 2,675lbs / 1,215kg

DRAWN BY:
S.RIMLAND

DATE:
AUG/2017

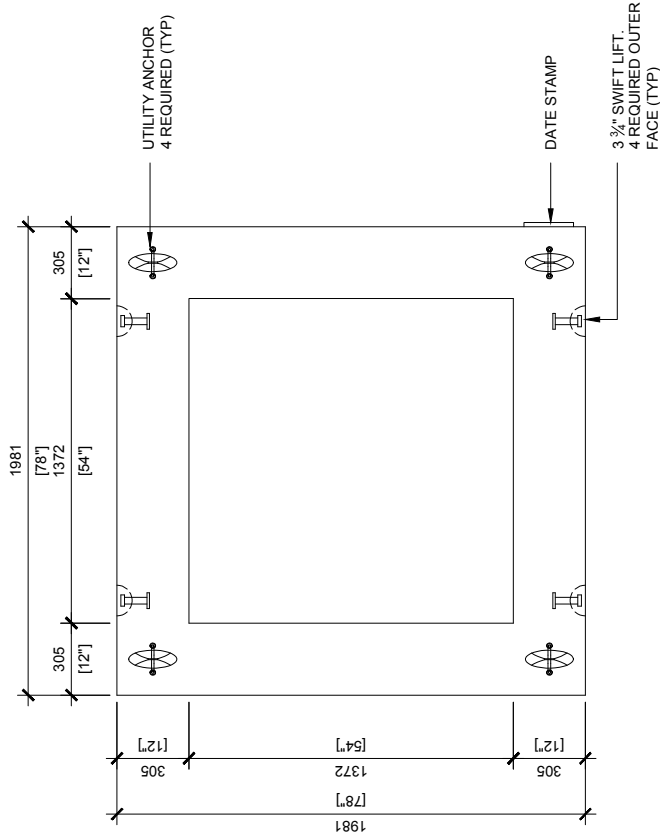
BASE FOR PRECAST FOUNDATION

BCP114B

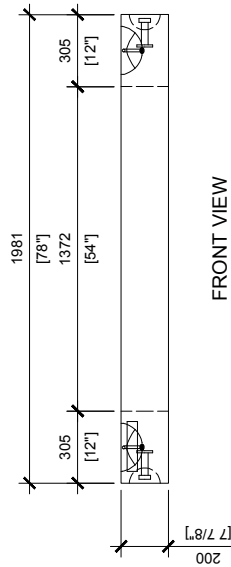


- GENERAL NOTES:**
1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
 2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
 3. MIN. OVERHEAD CLEARANCE OF 18FT IS REQUIRED
 4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)

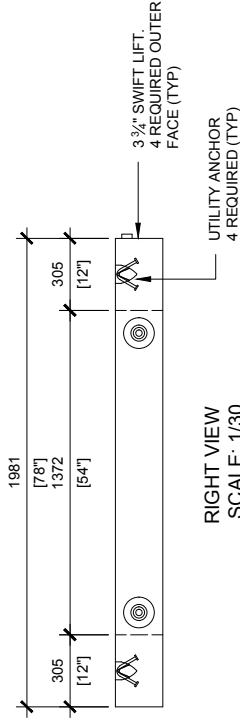
BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa
BCP114BC9	WEIGHT: BCP114BC9 2,460lbs / 1,115kg	DRAWN BY: S.RIMLAND
BASE COLLAR FOR PRECAST FOUNDATION	DATE: AUG2017	



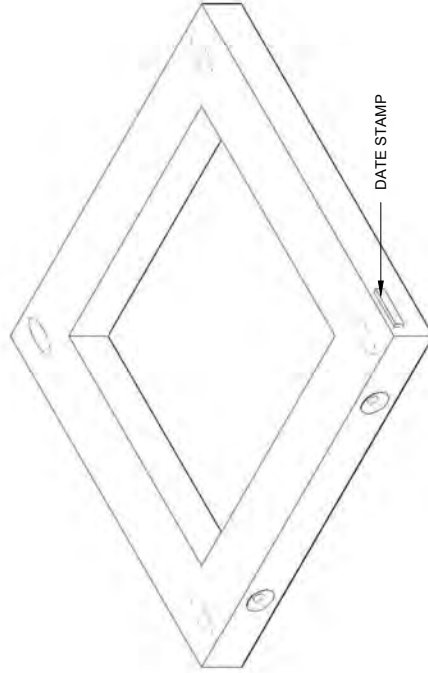
TOP VIEW
SCALE: 1/30



FRONT VIEW
SCALE: 1/30

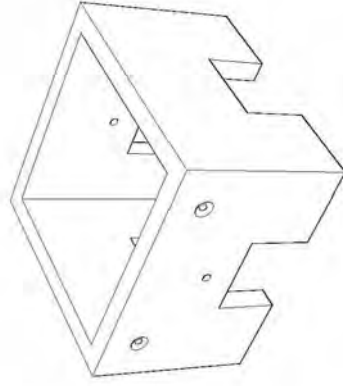
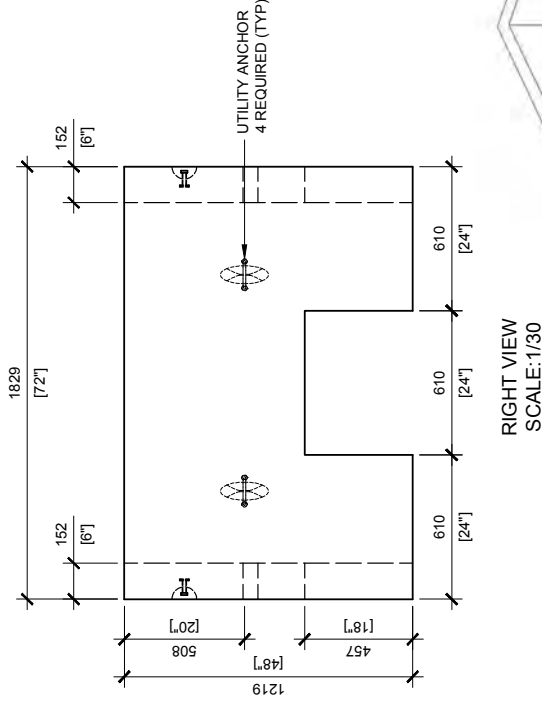
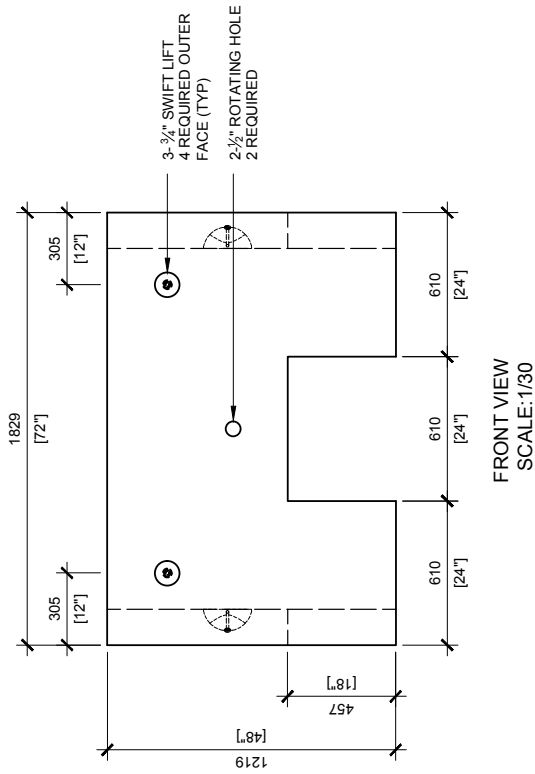
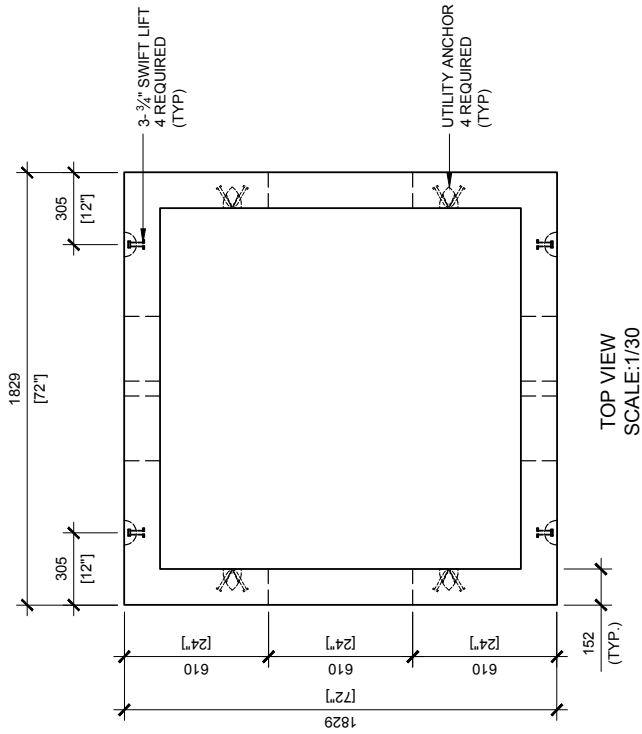


RIGHT VIEW
SCALE: 1/30



GENERAL NOTES:

1. STAMP DATE AT LEFT UPPER CORNER OF EVERY PIECE
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 150KPA (3000PSF S.L.S.)
7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE
9. EXPOSURE CLASSIFICATION TO FREEZING & THAWING IN A SATURATED CONDITION BUT WITH NO CHLORIDES TO BE F1
10. CONCRETE COVER ON PRECAST STRIP FOOTING TO BE 50MM, ALL OTHERS TO BE 30MM



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN. OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 150KPA (S.L.S.)
6. THIS BEARING PRESSURE IS ASSUMED AND
7. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE

SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3 G30.18 Fy=400MPa

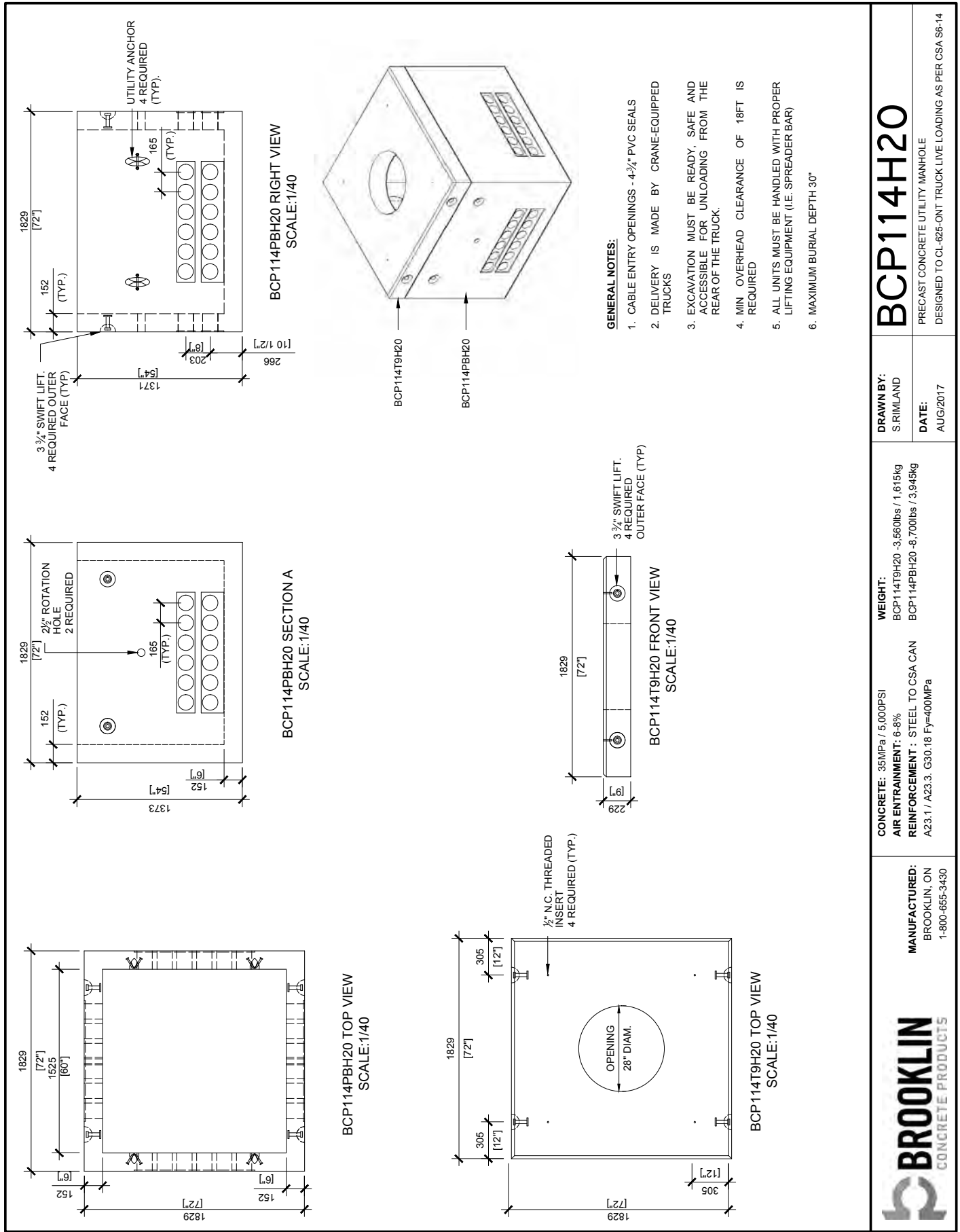
WEIGHT:
BCP114C - 5,650lbs / 2,570kg

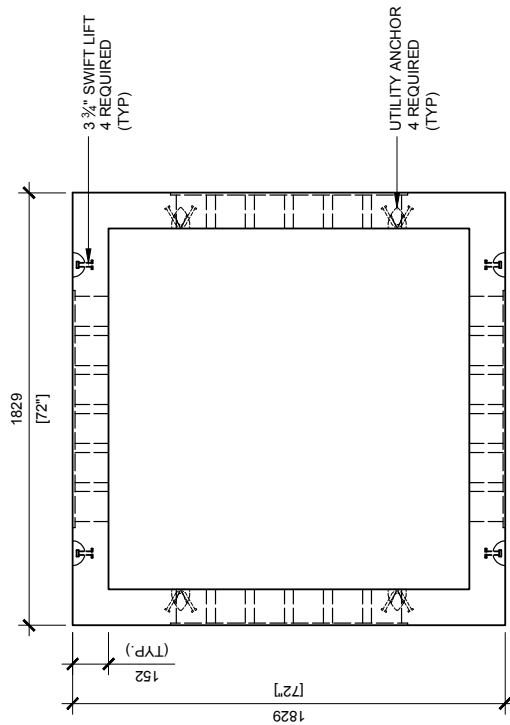
DRAWN BY:
S. RIMLAND

DATE:
AUG 2017

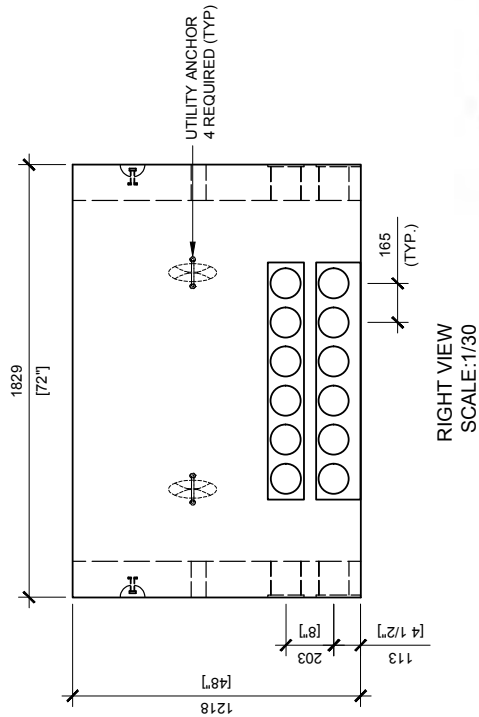
BCP114C

FOUNDATION FOR PADMOUNT TRANSFORMER

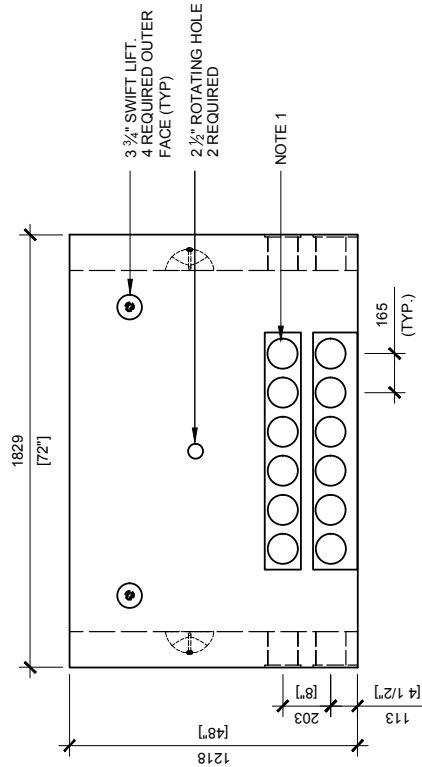
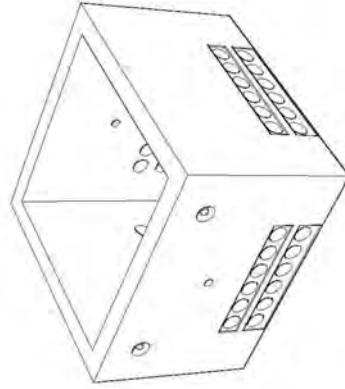




TOP VIEW
SCALE:1/30



RIGHT VIEW
SCALE:1/30



FRONT VIEW
SCALE:1/30

GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 150KPA (S.L.S.)
7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3, G30.18 Fy=400MPa

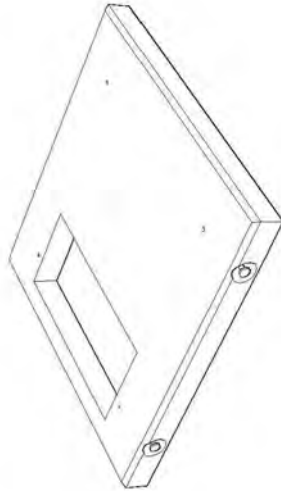
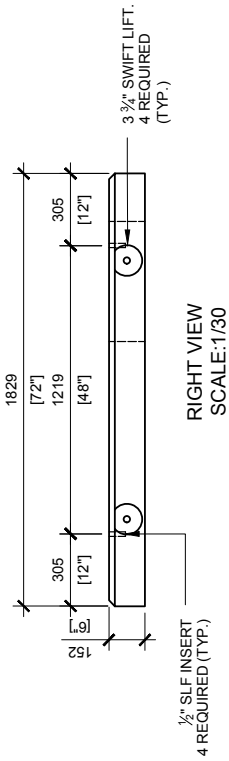
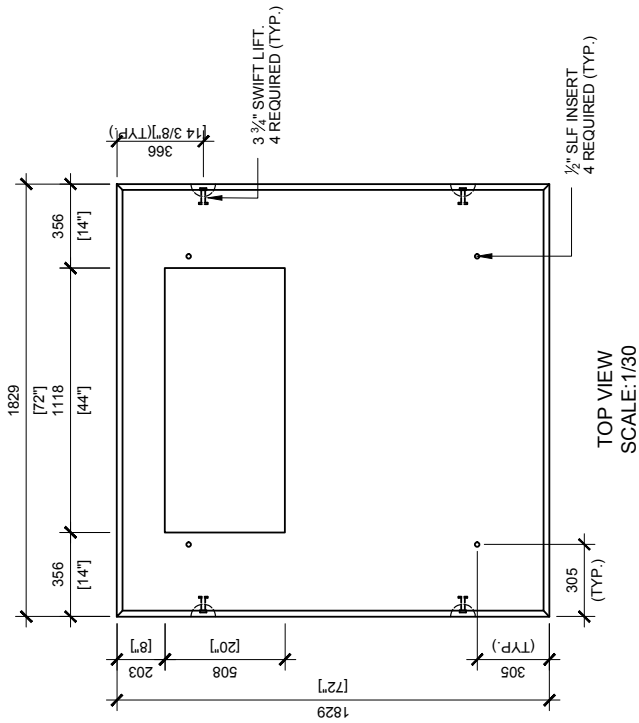
WEIGHT:
BCP114P - 6,780lbs / 2,760kg

DRAWN BY:
S.RIMLAND

DATE:
AUG2017

BCP114P

FOUNDATION FOR PADMOUNT TRANSFORMER



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 150KPA (S.L.S.)
6. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
7. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

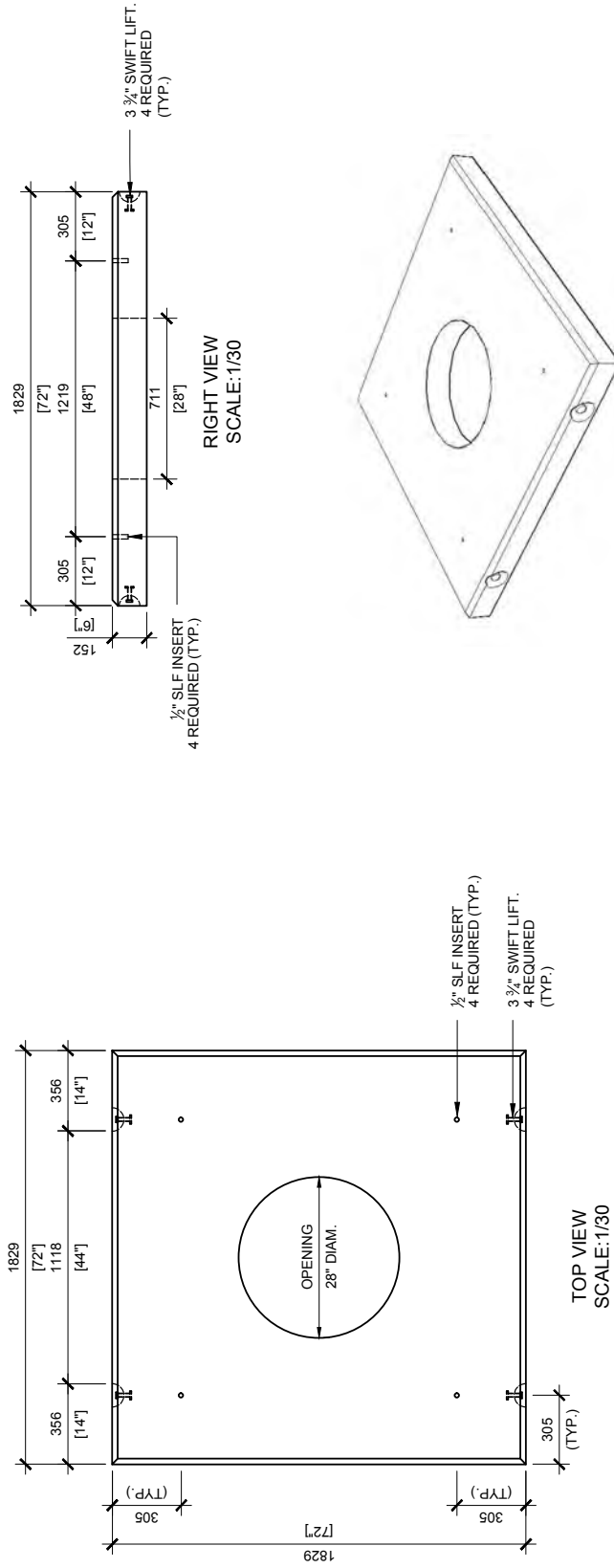
WEIGHT:
BCP114T6 - 2,200lbs / 1,000kg

DRAWN BY:
S. RIMLAND

DATE:
AUG 2017

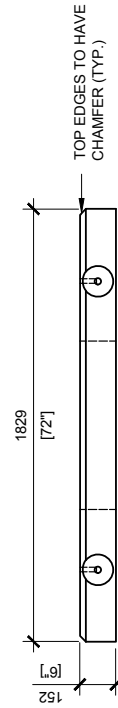
BCP114T6

PRECAST TOP FOR TRANSFORMER FOUNDATION



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

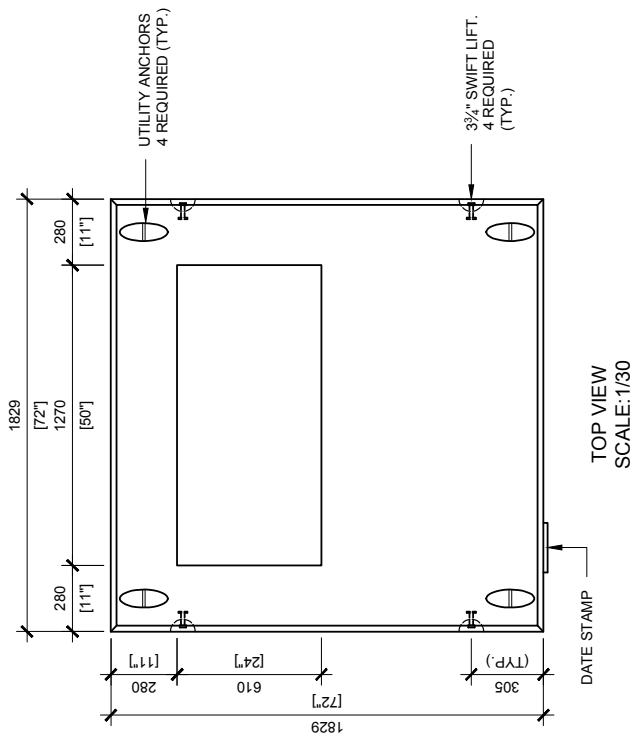
WEIGHT:
BCP114T6MH - 2,371lbs / 1,076kg

DRAWN BY:
S. RIMLAND

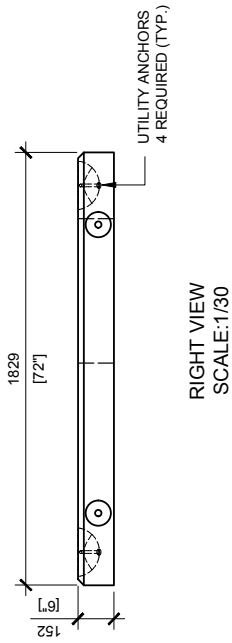
DATE:
AUG 2017

BCP114T6MH

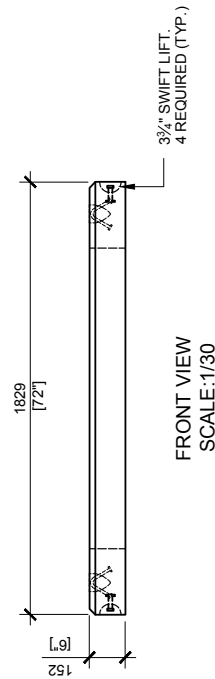
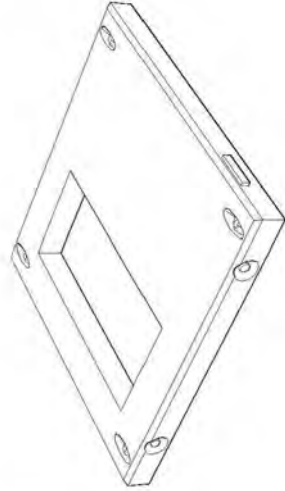
PRECAST TOP FOR UTILITY MANHOLE
FOR BOULEVARD USE



TOP VIEW
SCALE: 1/30



RIGHT VIEW
SCALE: 1/30



FRONT VIEW
SCALE: 1/30

GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 150KPA (S.L.S.)
6. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
7. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

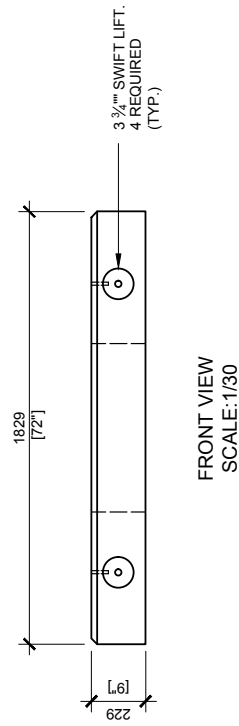
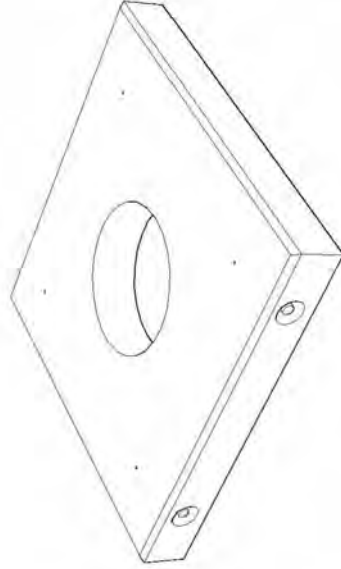
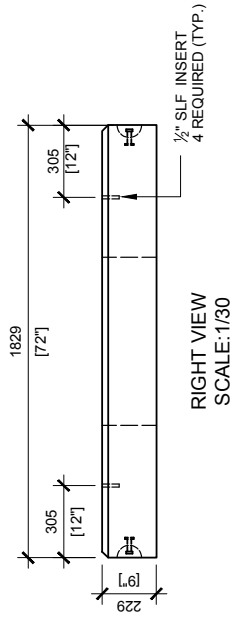
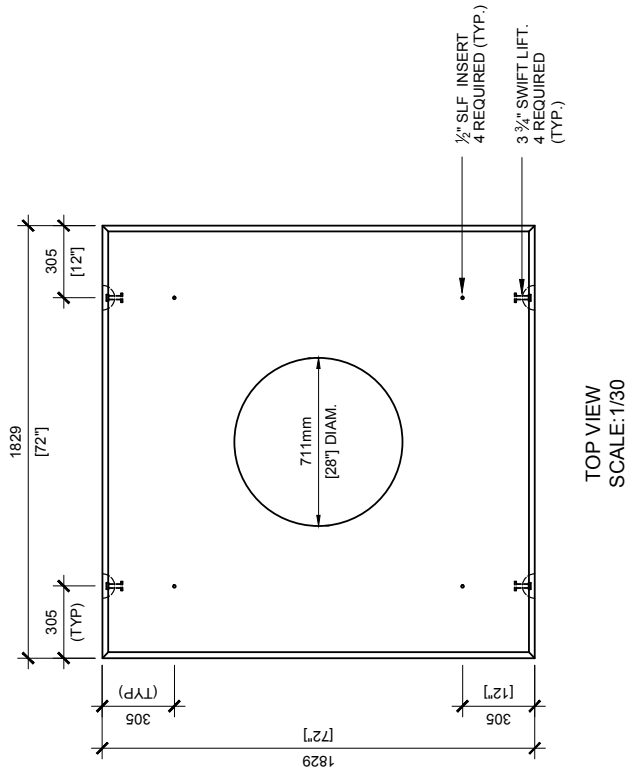
WEIGHT:
BCP114T6MTHS 2,040lbs / 925kg

DRAWN BY:
S. RIMLAND

DATE:
AUG2017

BCP114T6MTHS

PRECAST TOP FOR TRANSFORMER FOUNDATION



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
3. MIN. OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

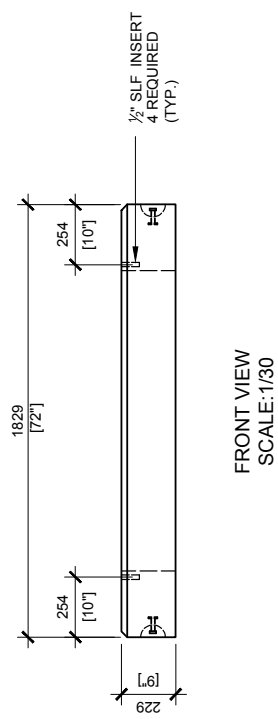
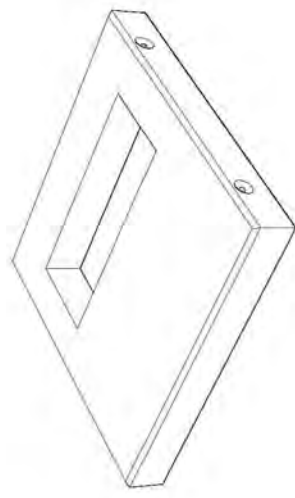
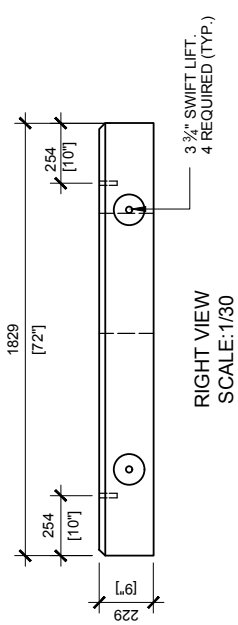
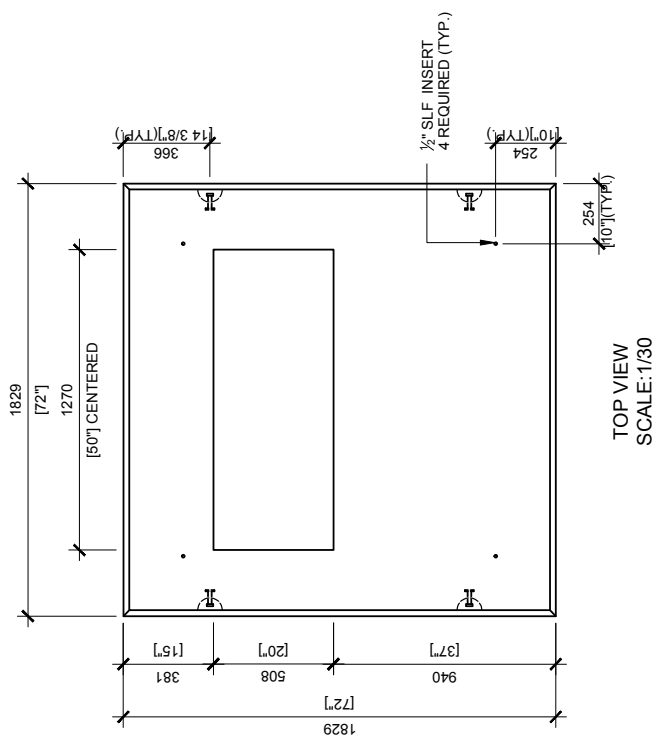
CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

DRAWN BY:
S. RIMLAND

DATE:
AUG/2017

BCP114T9H20

PRECAST TOP FOR UTILITY MANHOLE
DESIGNED TO CL-625-ONT TRUCK LIVE LOADING AS PER CSA S6-14



- GENERAL NOTES:**
1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
 2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
 3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
 4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

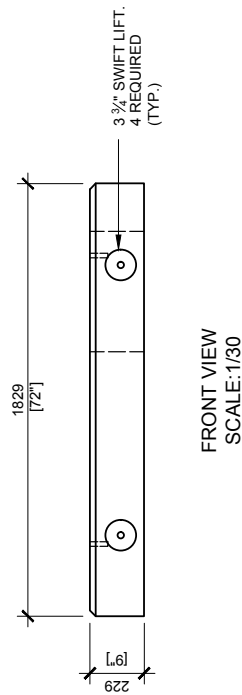
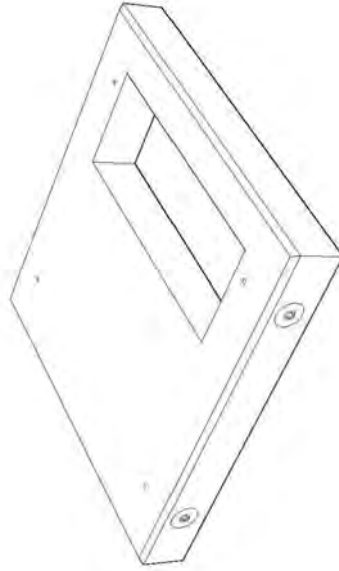
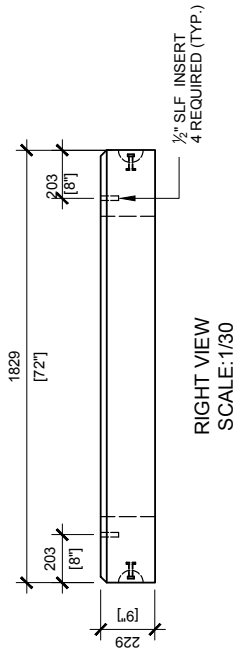
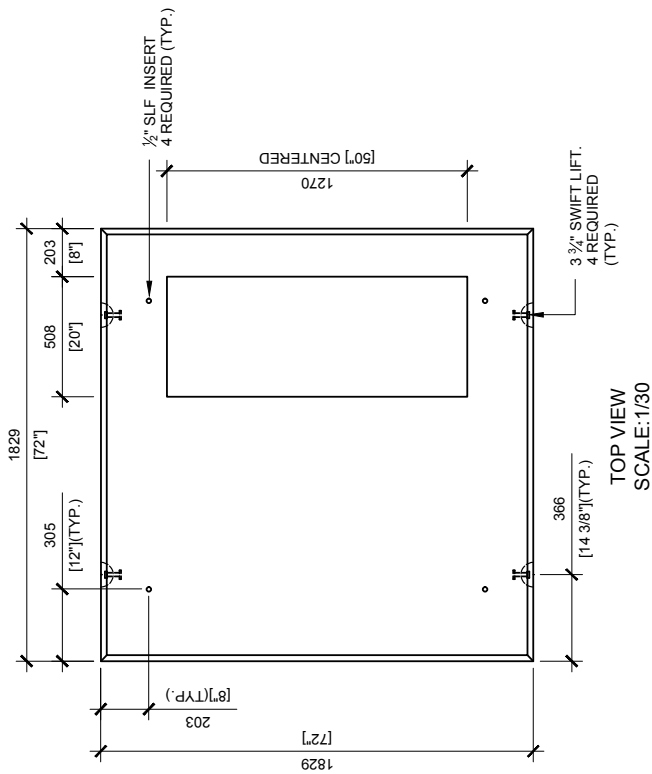
WEIGHT:
BCP114T9M - 3,050lbs / 1,385kg

DRAWN BY:
S.RIMLAND

DATE:
AUG2017

BCP114T9M

PRECAST TOP FOR TRANSFORMER FOUNDATION



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

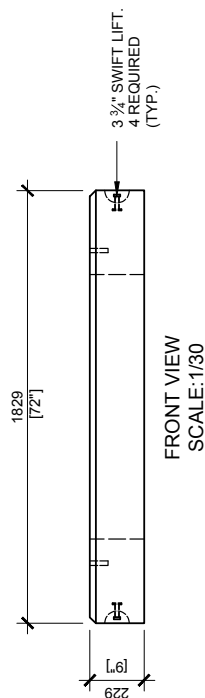
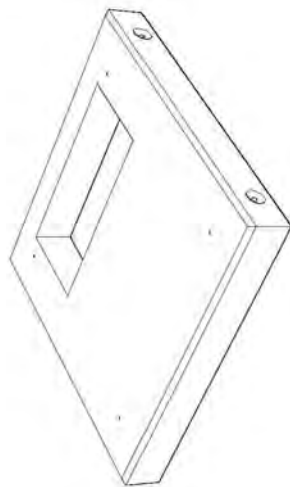
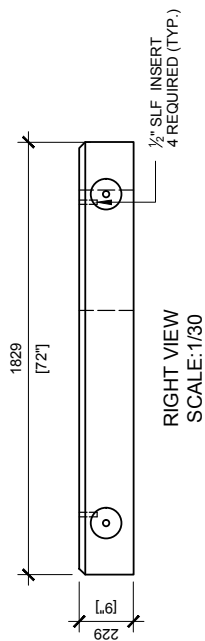
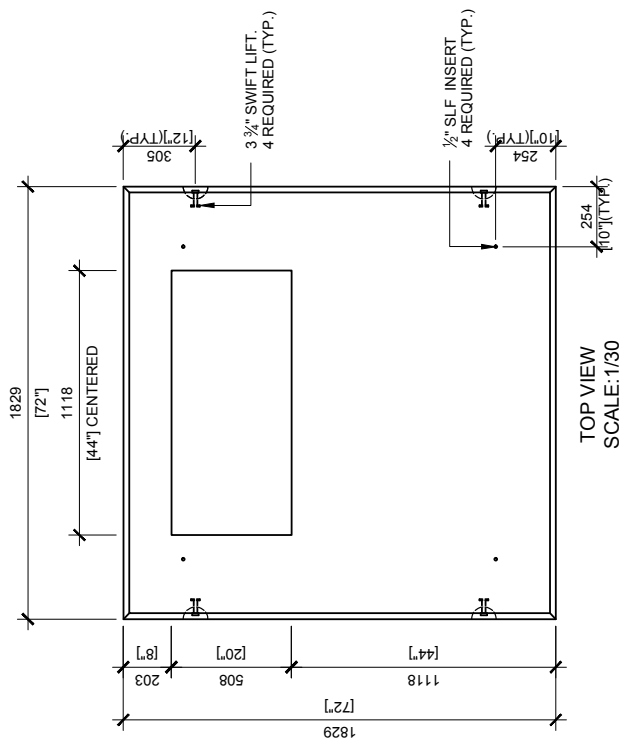
WEIGHT:
BCP114T9P - 3,260lbs / 1,480kg

DRAWN BY:
S. RIMLAND

DATE:
AUG/2017

BCP114T9P

PRECAST TOP FOR TRANSFORMER FOUNDATION



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

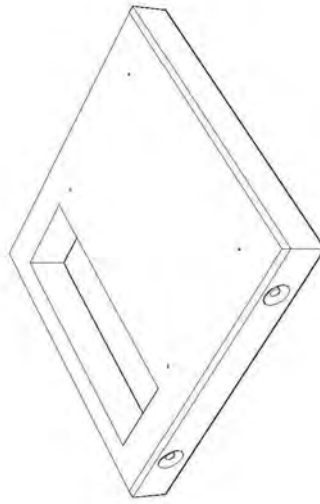
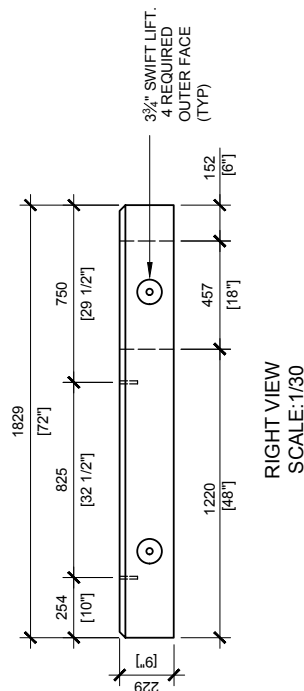
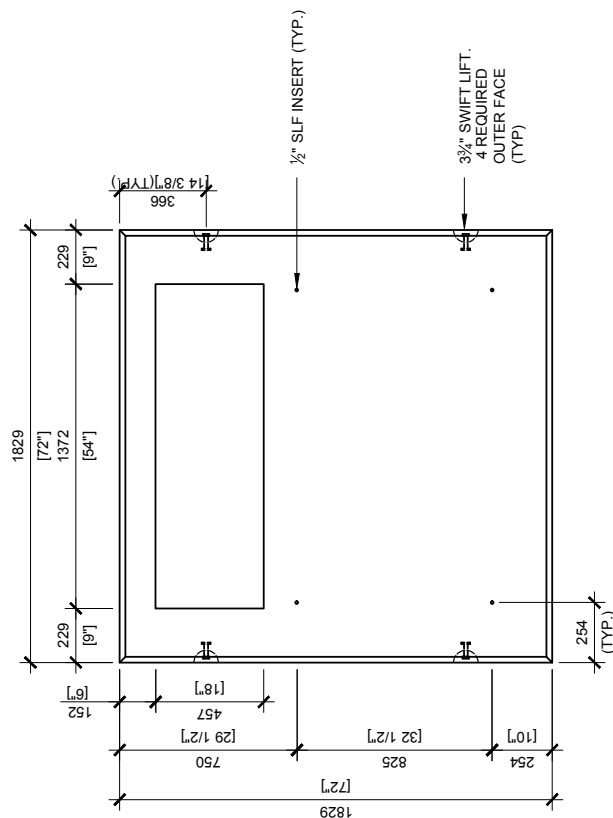
WEIGHT:
BCP114T9V - 3,130lbs / 1,422kg

DRAWN BY:
S.RIMLAND

DATE:
AUG2017

BCP114T9V

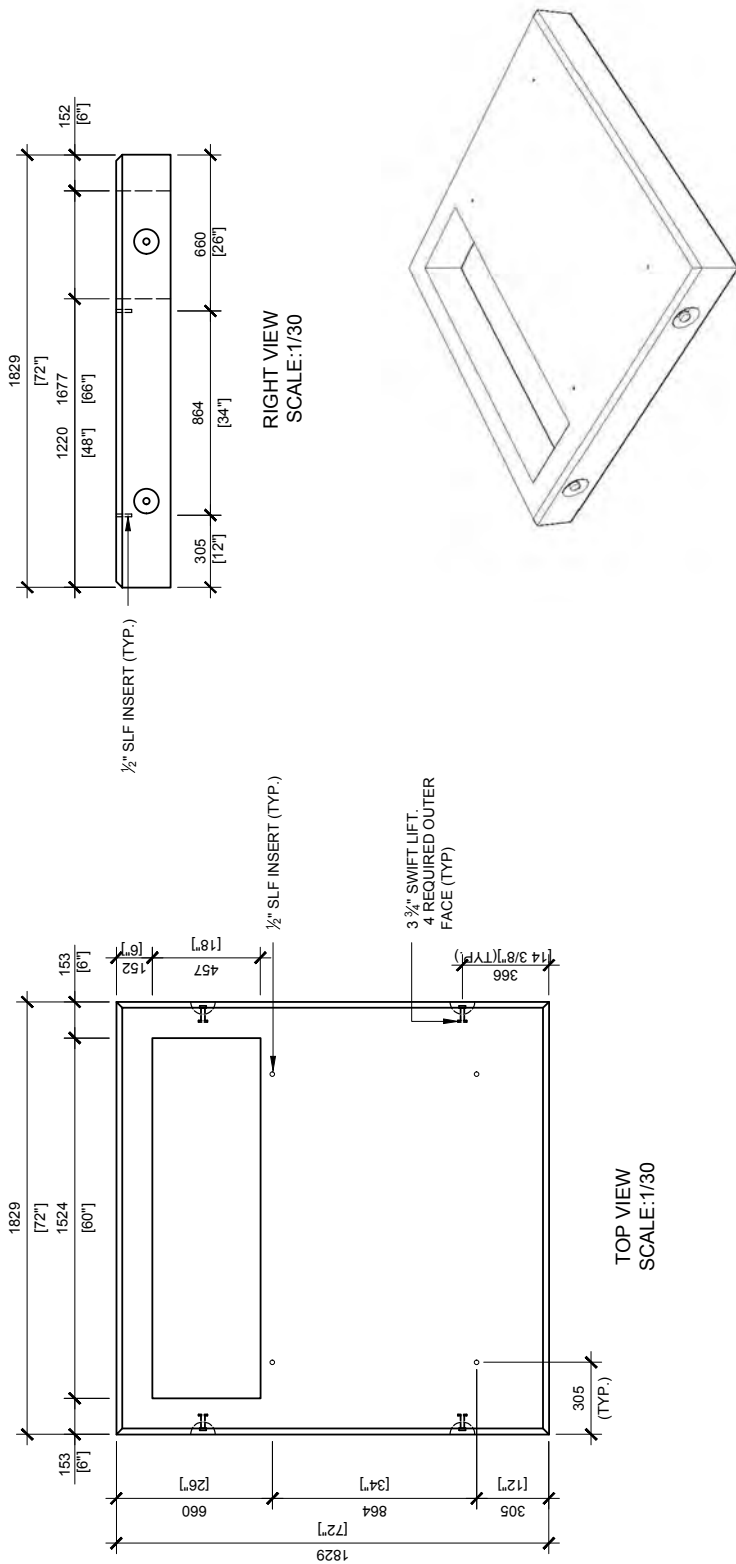
PRECAST TOP FOR TRANSFORMER FOUNDATION



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 150KPA (S.I.S.)
6. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
7. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE

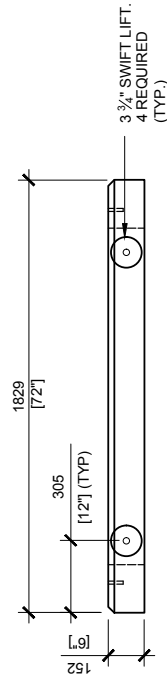
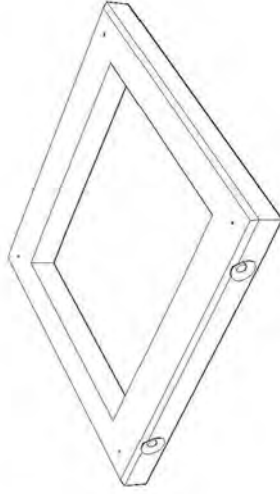
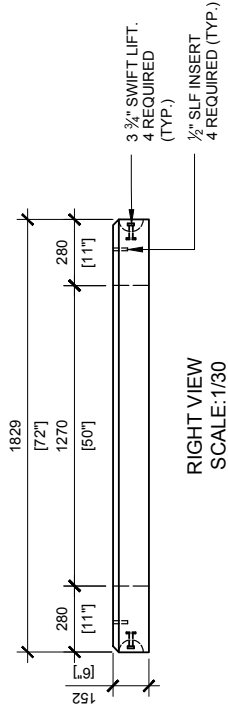
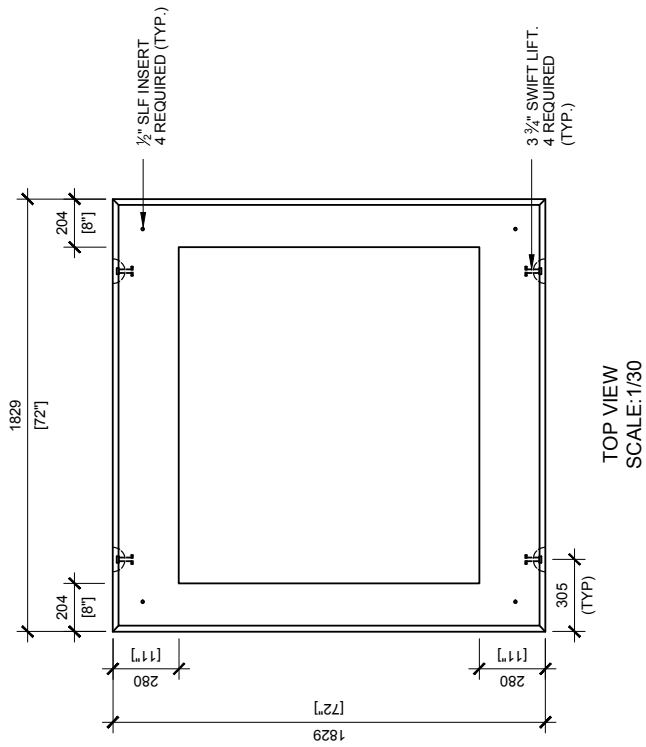
 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa			WEIGHT: BCP114TBA9 -3,270lbs / 1,480kg	DRAWN BY: S.RIMLAND	BCP114TBA9
						DATE: AUG/2017	



GENERAL NOTES:

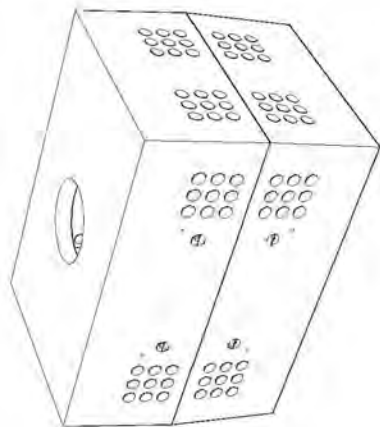
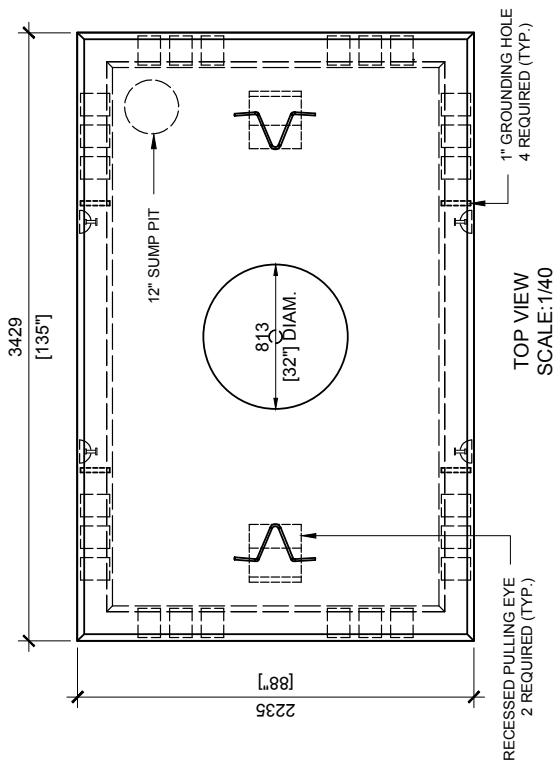
1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
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6. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
7. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE

 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3 G30.18 Fy=400MPa	WEIGHT: BCP114TBB9 -3,185lbs / 1,445kg	DRAWN BY: S.RIMLAND	BCP114TBB9
				DATE: AUG/2017	PRECAST TOP FOR TRANSFORMER FOUNDATION



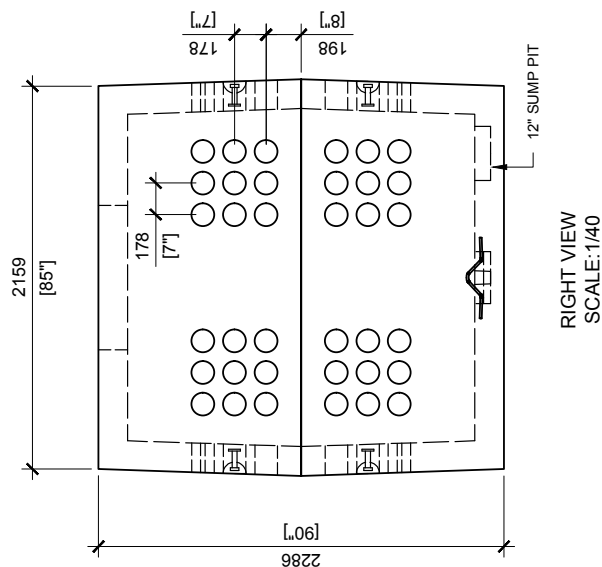
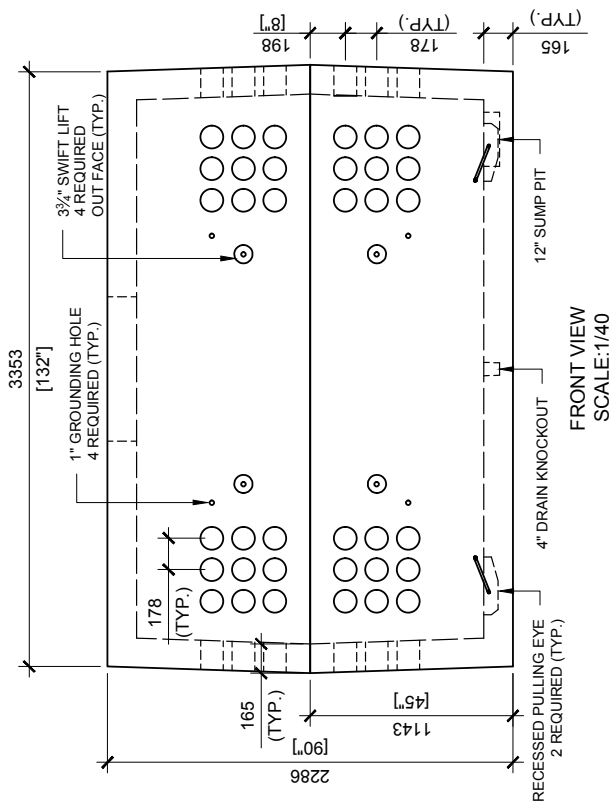
GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

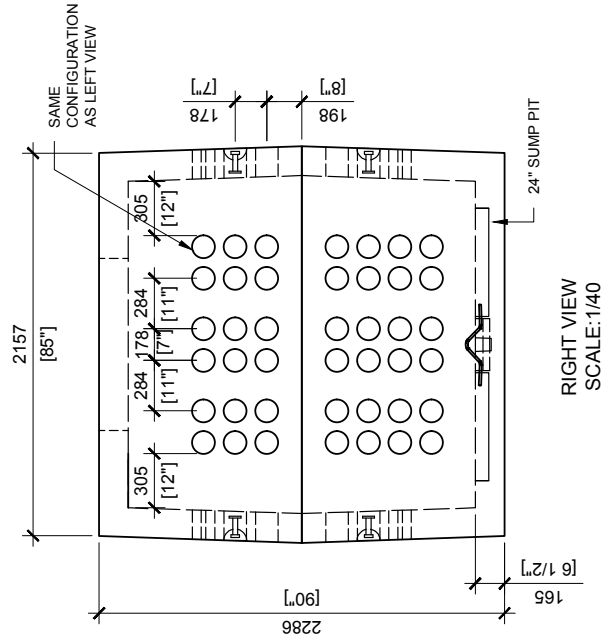
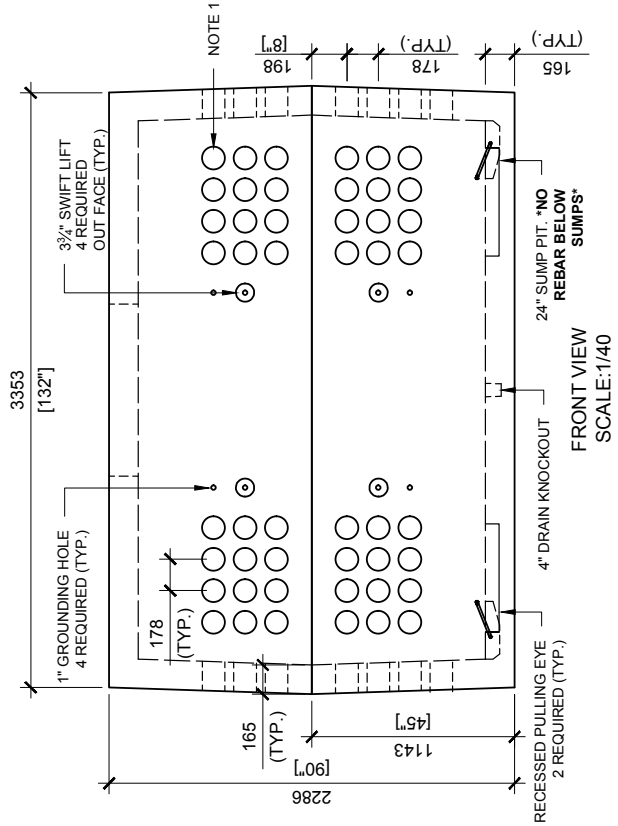
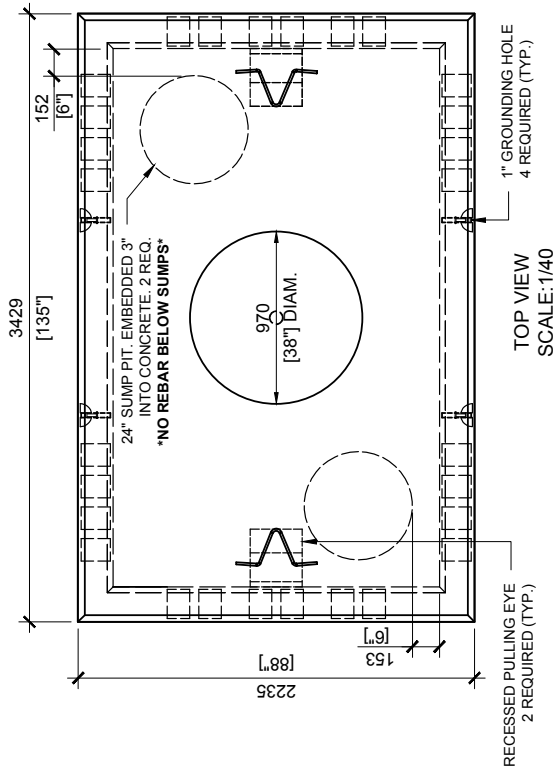
WEIGHT:
BCP115H20M -29,000lbs / 10,680kg
PULLING EYES- 30,000lbs
MAX TENSION EACH

DRAWN BY:
S.RIMLAND

DATE:
AUG/2017

BCP115H20M

PRECAST CONCRETE UTILITY MANHOLE
DESIGNED TO CL-625-ONT TRUCK LIVE LOADING AS PER CSA S6-14



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

WEIGHT:
BCP115H20P - 29,000lbs / 10,680kg
PULLING EYES - 30,000lbs
MAX TENSION EACH

DRAWN BY:
S. RIMLAND

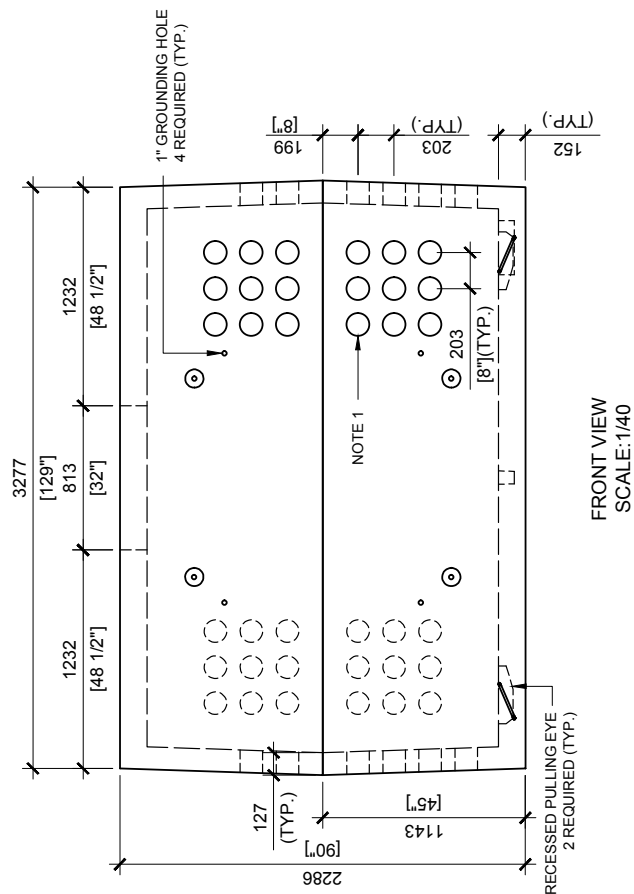
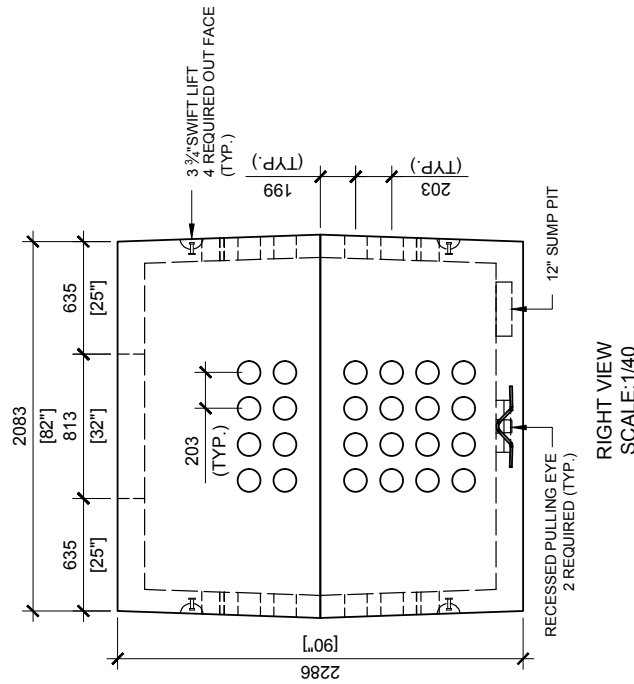
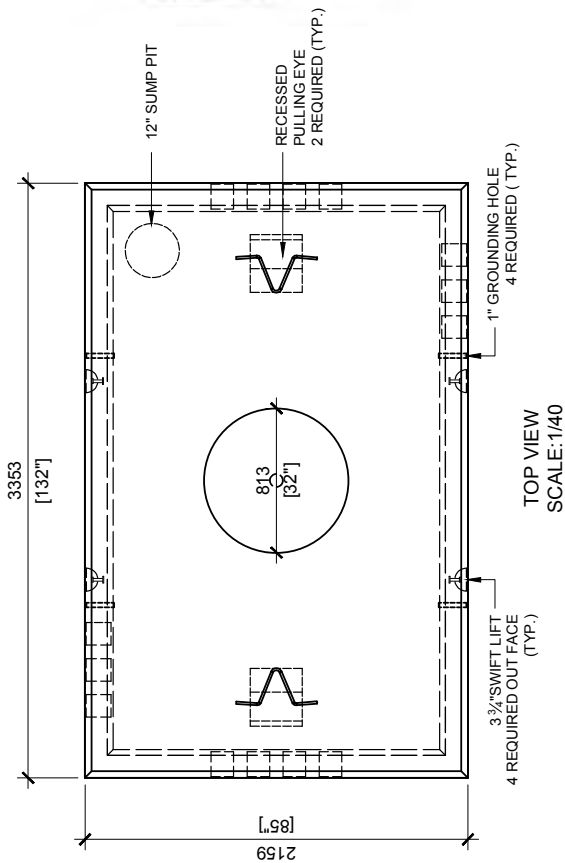
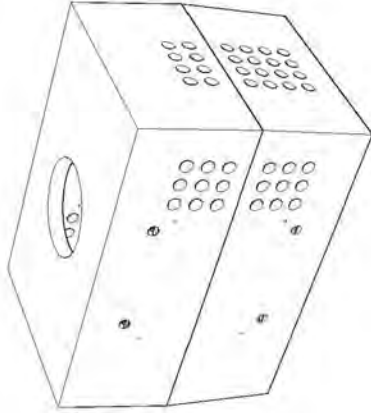
DATE:
AUG2017

BCP115H20P

PRECAST CONCRETE UTILITY MANHOLE
DESIGNED TO CL-625-ONT TRUCK LIVE LOADING AS PER CSA S6-14

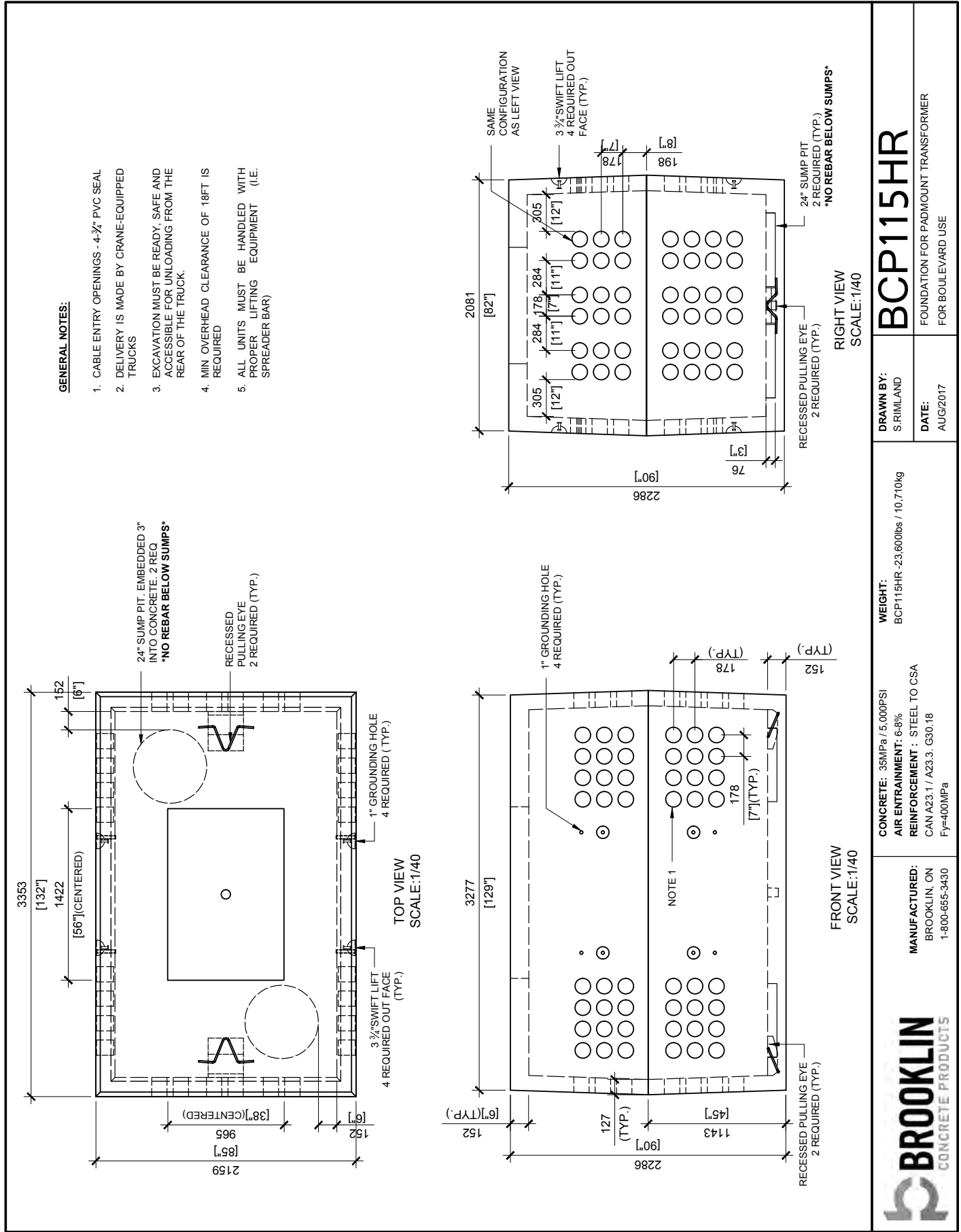
GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-1/2" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa	DRAWN BY: S.RIMLAND	BCP115HC
	WEIGHT: BCP115HC -23,500lbs / 10,680kg		DATE: AUG2017	

PRECAST CONCRETE UTILITY MANHOLE
FOR BOULEVARD USE



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

WEIGHT:
BCP115HR-23,600lbs / 10,710kg

DRAWN BY:
S.RIMLAND

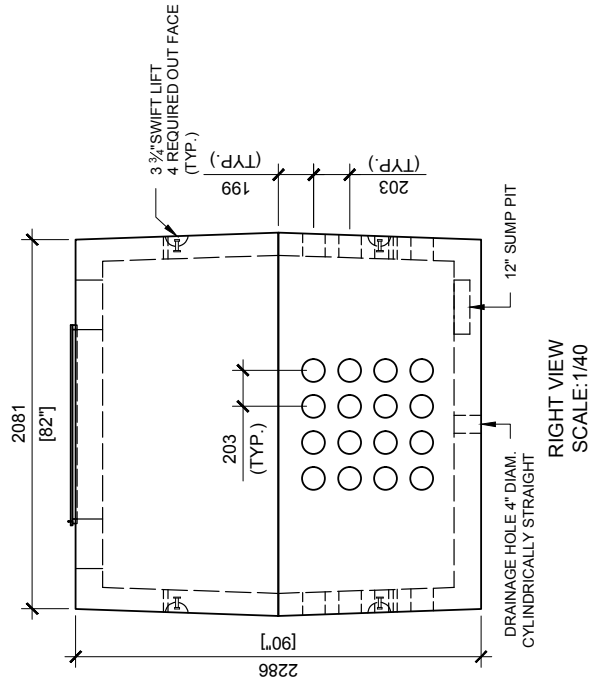
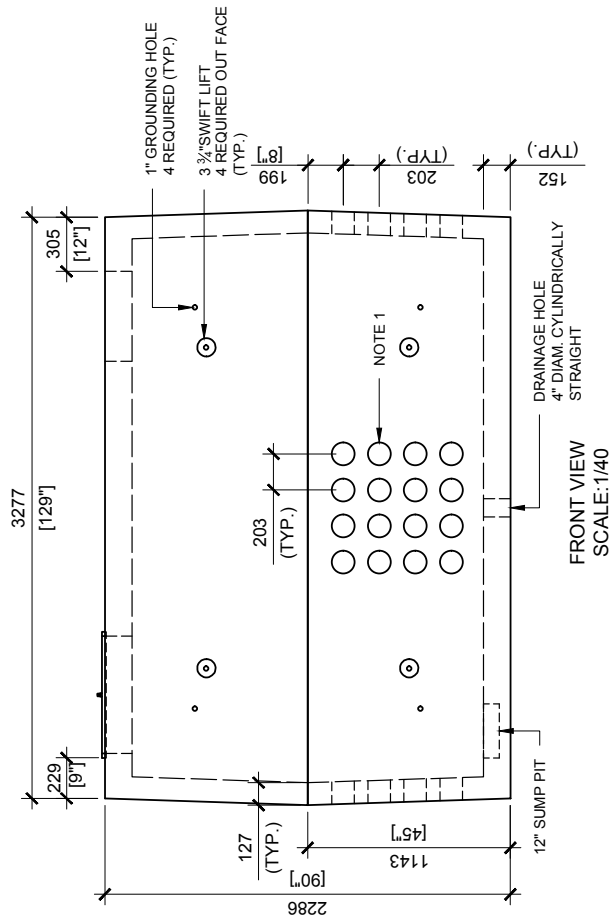
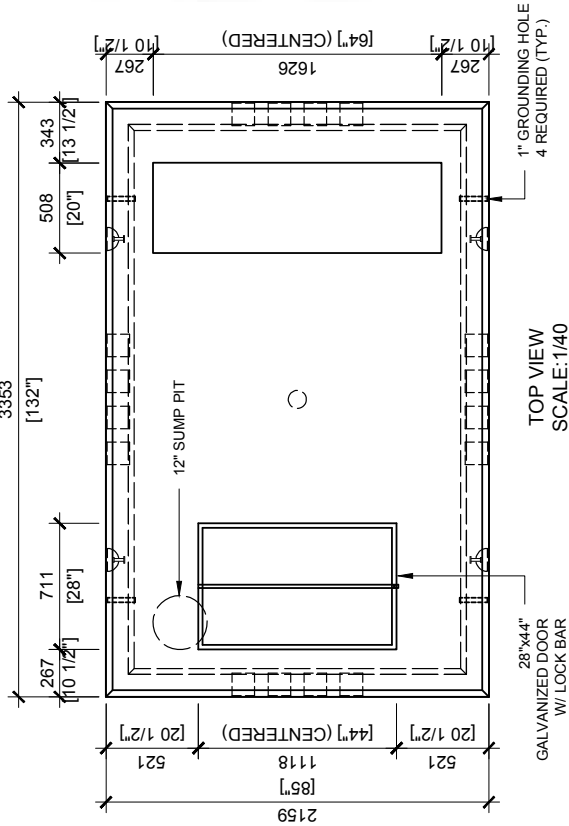
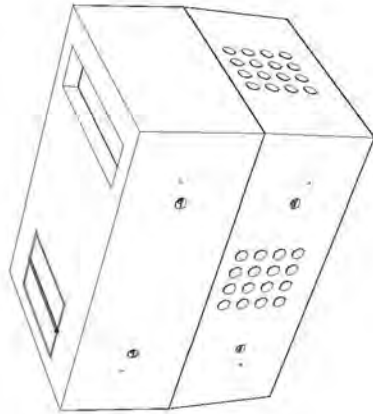
DATE:
AUG2017

BCP115HR

FOUNDATION FOR PADMOUNT TRANSFORMER
FOR BOULEVARD USE

GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN. OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

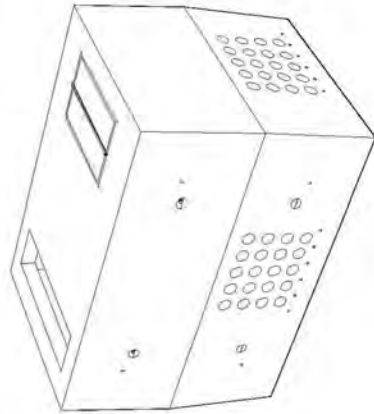
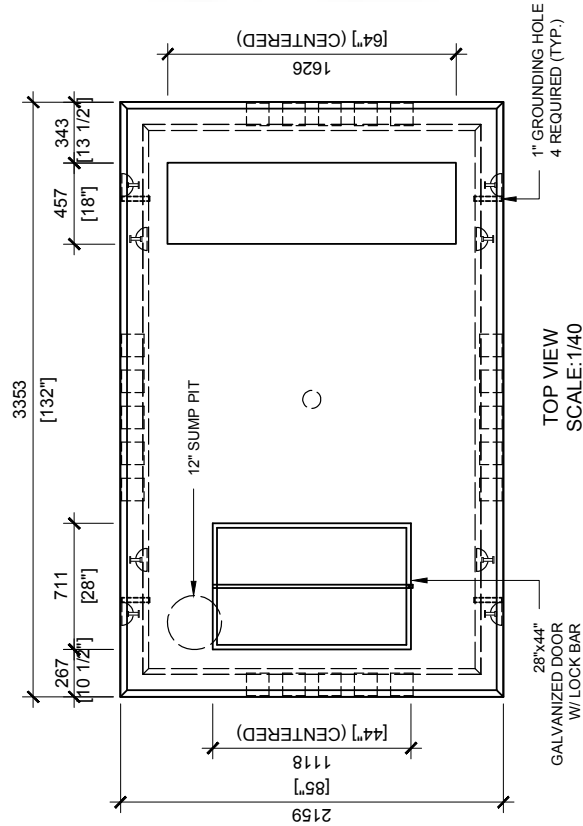
WEIGHT:
BCP115S-23,600lbs / 10,710kg

DRAWN BY:
S.RIMLAND

DATE:
AUG2017

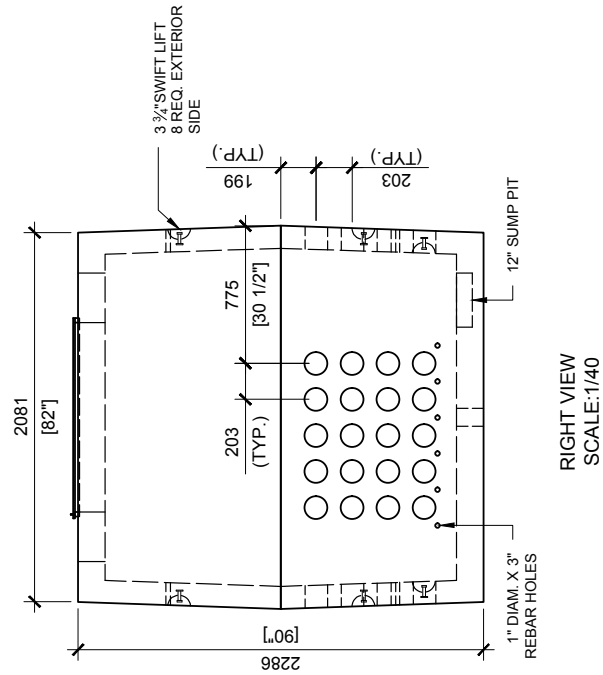
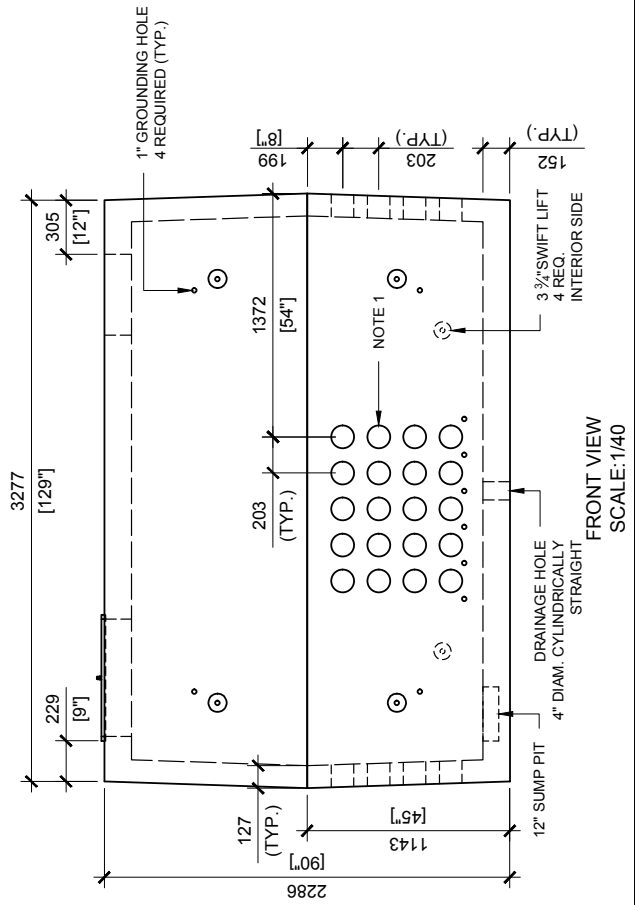
BCP115S

FOUNDATION FOR PADMOUNT TRANSFORMER



- GENERAL NOTES:**

1. CABLE ENTRY OPENINGS - 4 1/2" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



BROOKLIN
CONCRETE PRODUCTS

MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA
 CAN A23.1 / A23.3, G30.18
Fy=400MPa

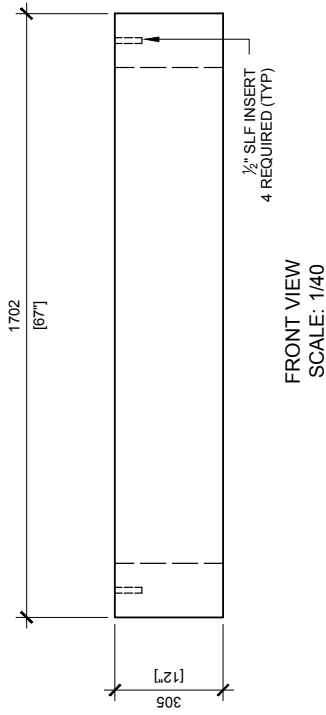
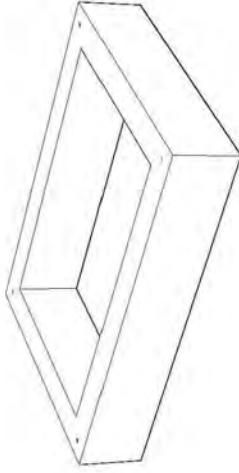
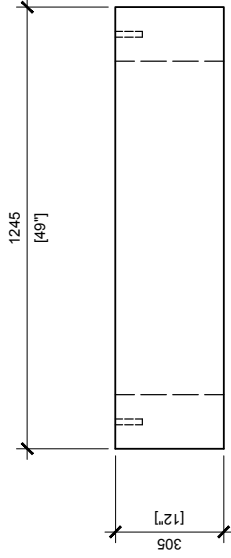
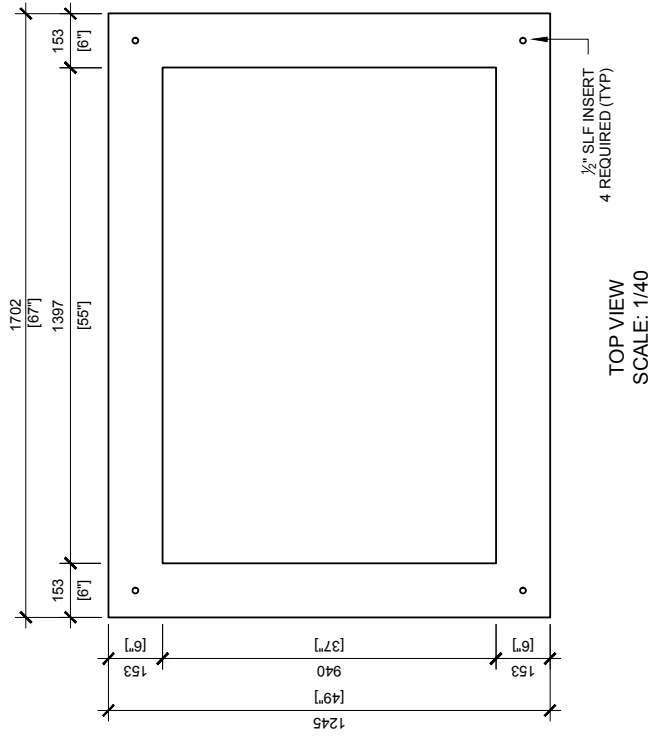
WEIGHT:
BCP115SM -23,600lbs / 10,710kg

DRAWN BY:
S.RIMLAND

DATE: AUG/2017

FOUNDATION FOR PADMOUNT TRANSFORMER

BCP115SM



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA
CAN A23.1 / A23.3, G30.18
Fy=400MPa

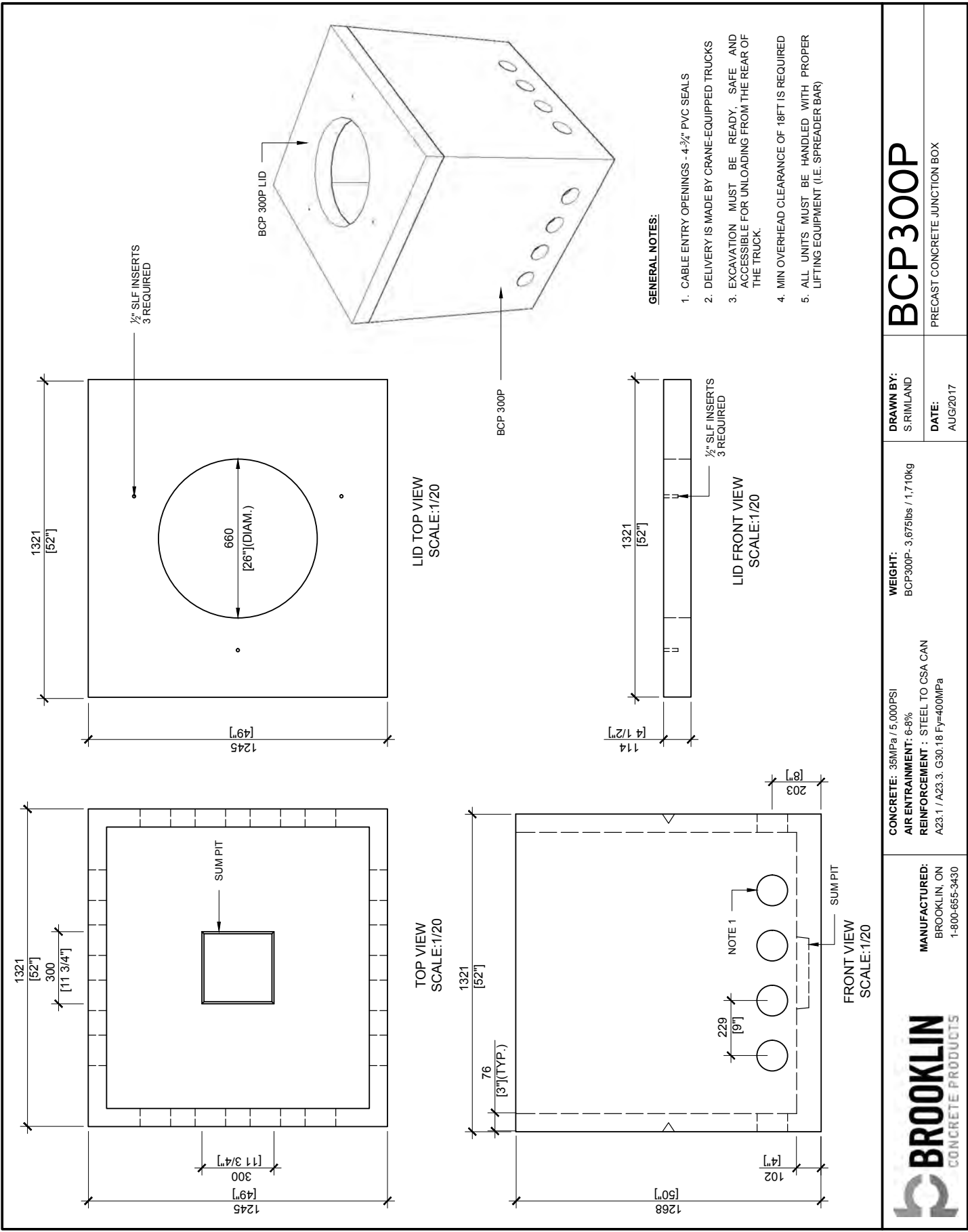
WEIGHT:
BCP115TC12-1,300lbs / 590kg

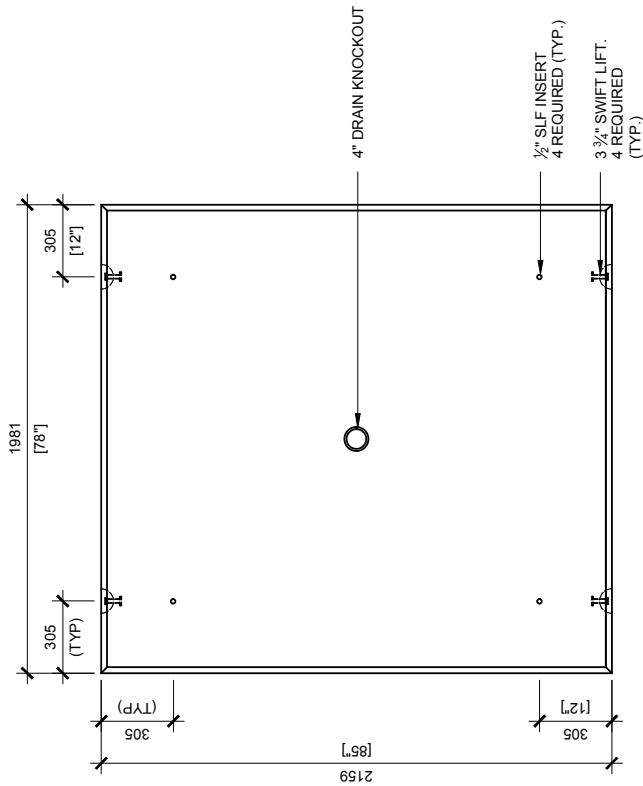
DRAWN BY:
S.RIMLAND

DATE:
AUG2017

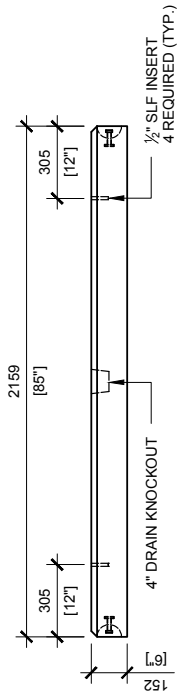
BCP115TC12

TOP COLLAR FOR PRECAST FOUNDATION

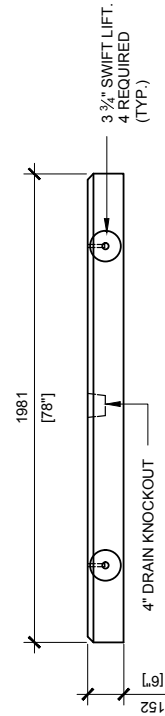
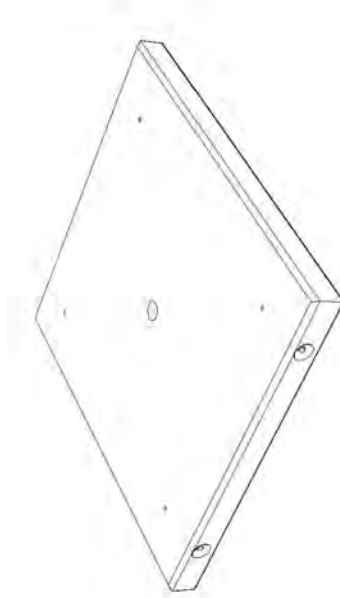




TOP VIEW
SCALE:1/30



RIGHT VIEW
SCALE:1/30



FRONT VIEW
SCALE:1/30

GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN. OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa

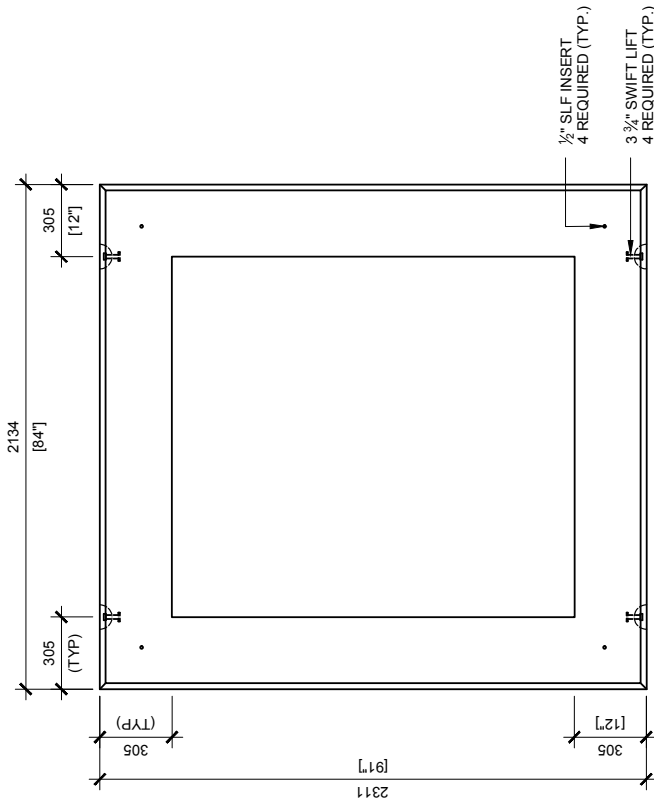
WEIGHT:
BCP330B - 3,430lbs / 1,555kg

DRAWN BY:
S.RIMLAND

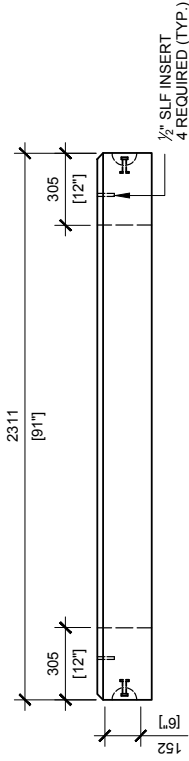
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AUG/2017

BCP330B

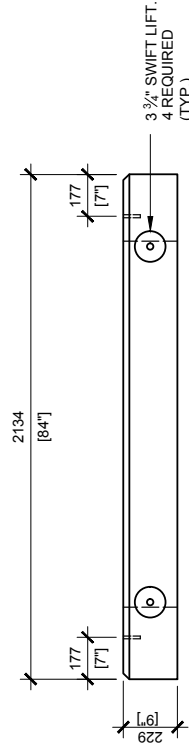
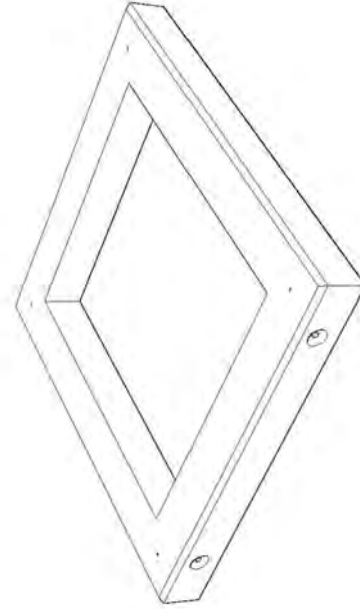
BASE FOR PRECAST FOUNDATION



TOP VIEW
SCALE: 1/30



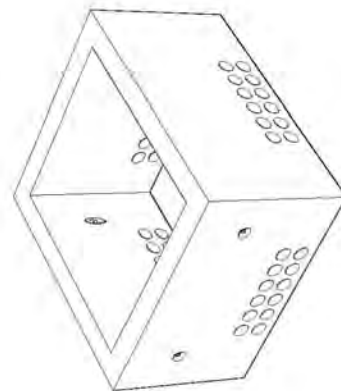
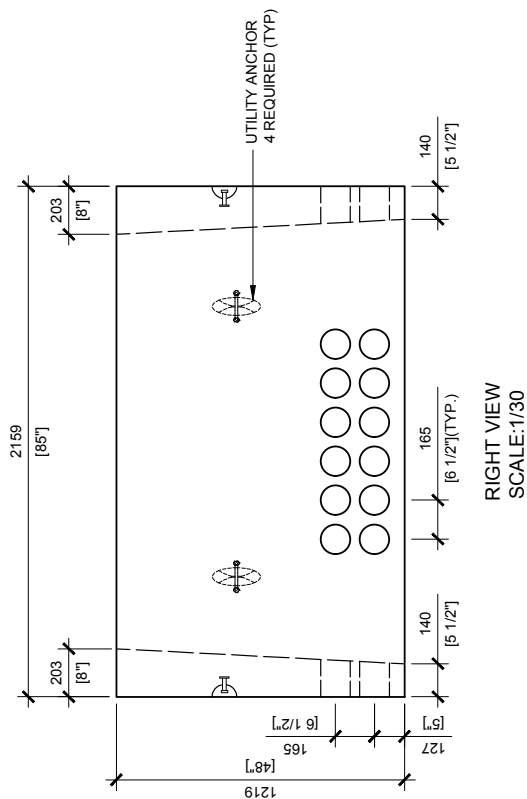
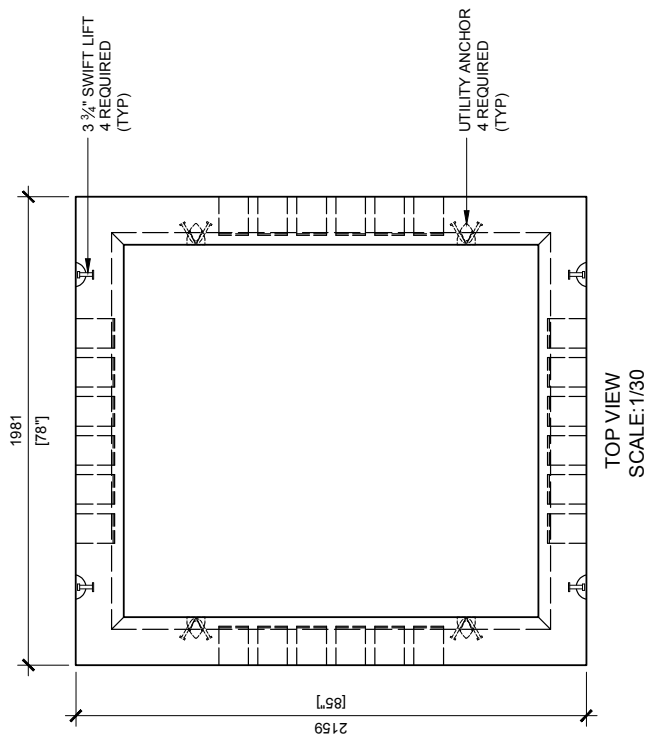
RIGHT VIEW
SCALE: 1/30



FRONT VIEW
SCALE: 1/30

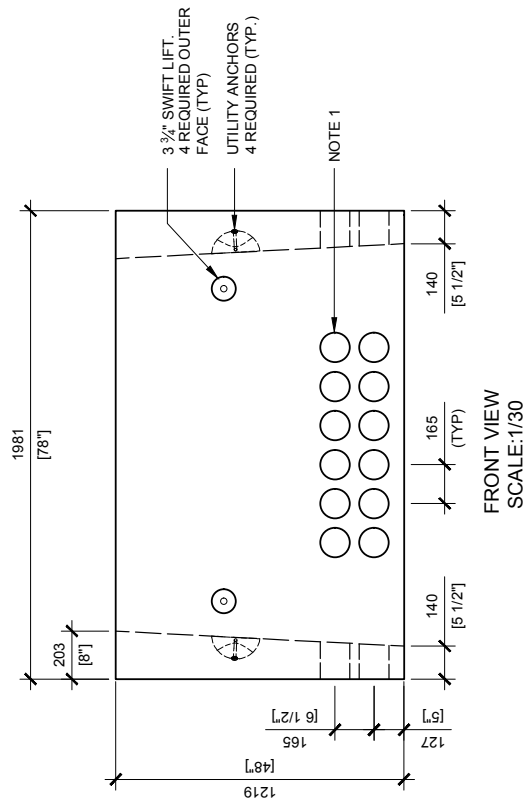
GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS.
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA
CAN A23.1 / A23.3, G30.18 Fy=400MPa

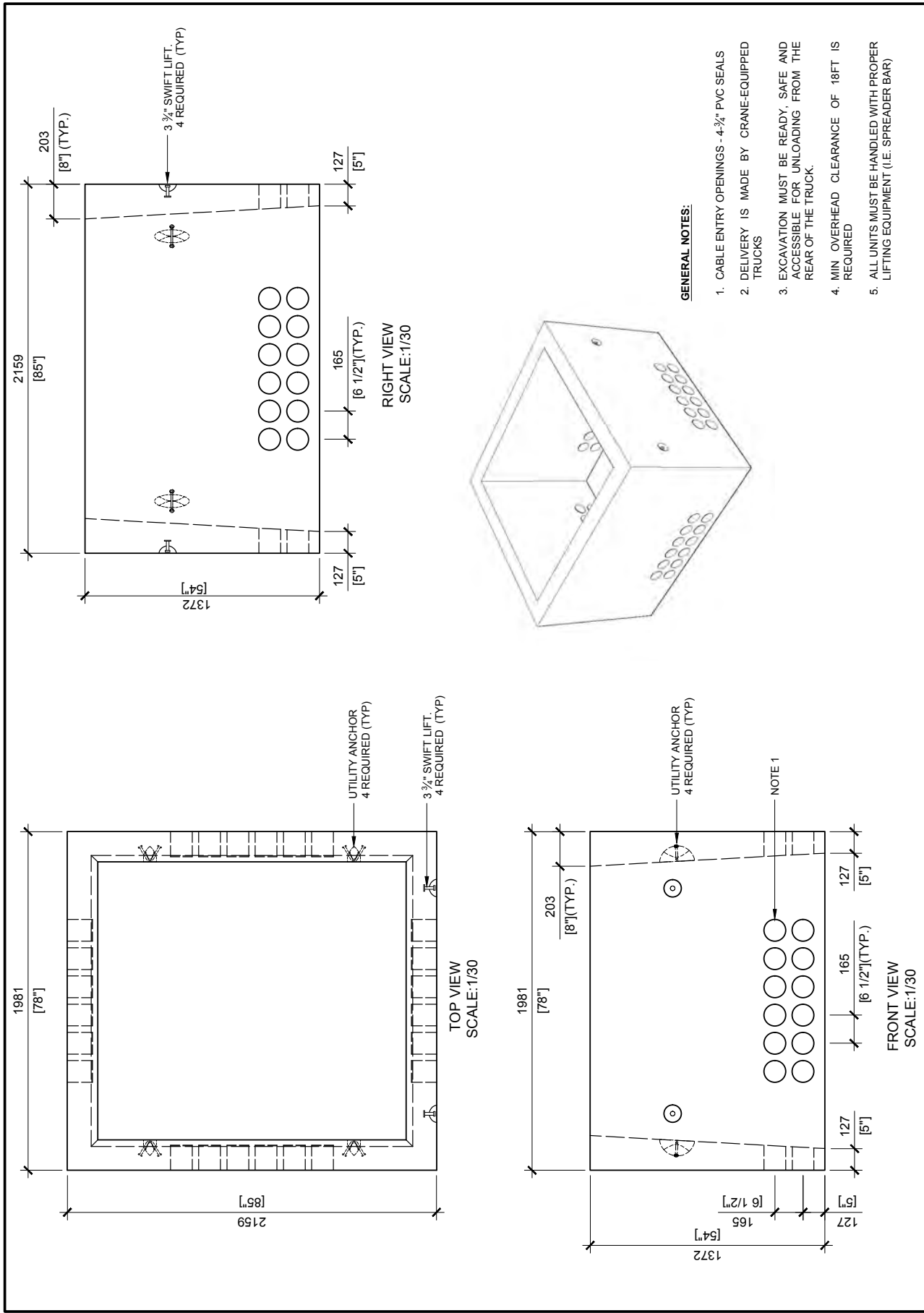
WEIGHT
BCP330P - 8,250lbs / 3,750kg

DRAWN BY:
S. RIMLAND

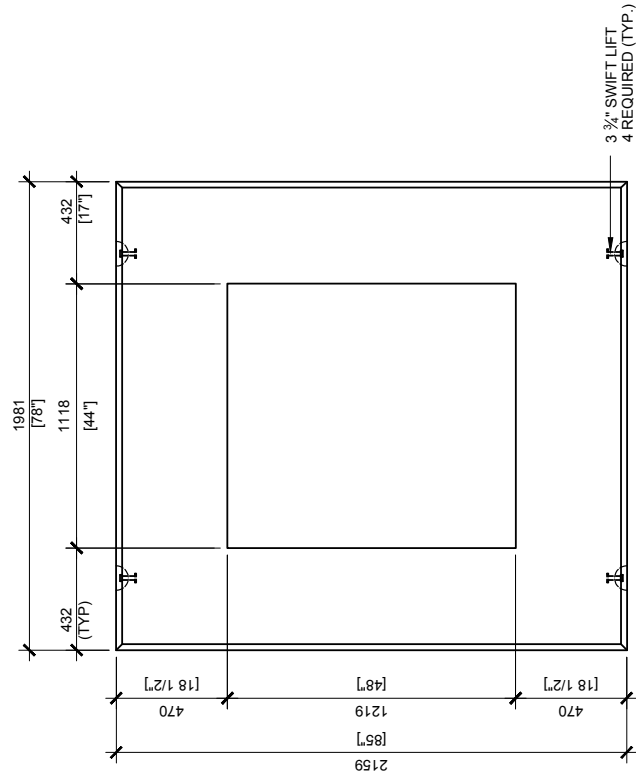
DATE:
AUG 2017

BCP330P

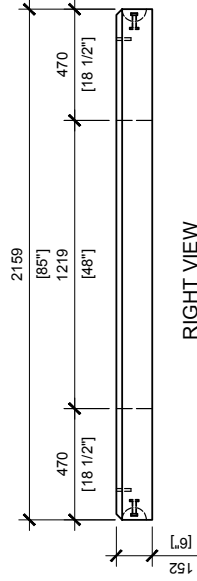
FOUNDATION FOR PADMOUNT TRANSFORMER



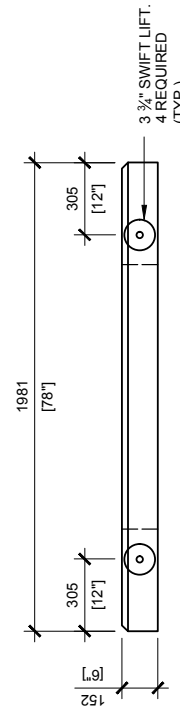
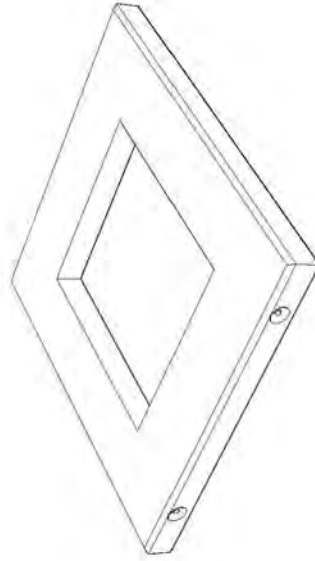
BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3 G30.18 Fy=400MPa	WEIGHT: BCP330PB - 8,250lbs / 3,750kgs	DRAWN BY: S.RIMLAND	BCP330PB
				DATE: AUG/2017	FOUNDATION FOR PADMOUNT TRANSFORMER



TOP VIEW
SCALE: 1/30



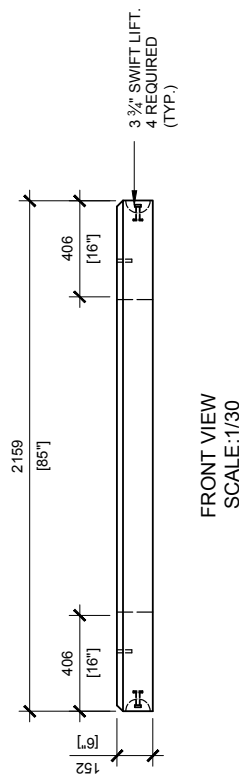
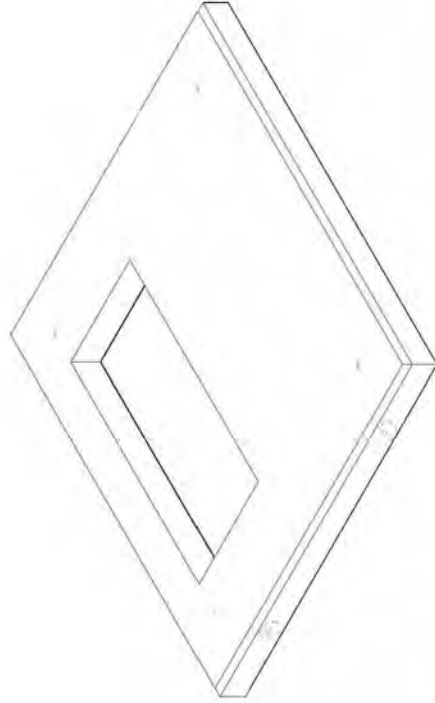
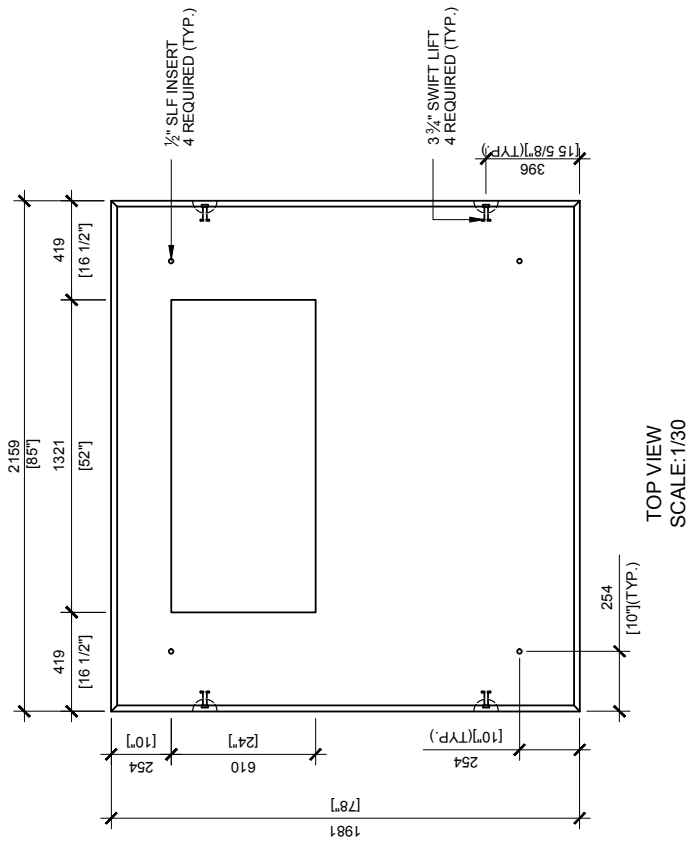
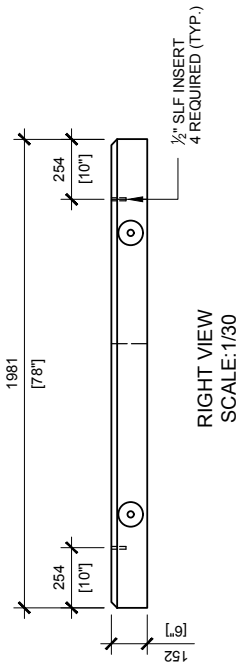
RIGHT VIEW
SCALE: 1/30



FRONT VIEW
SCALE: 1/30

GENERAL NOTES:

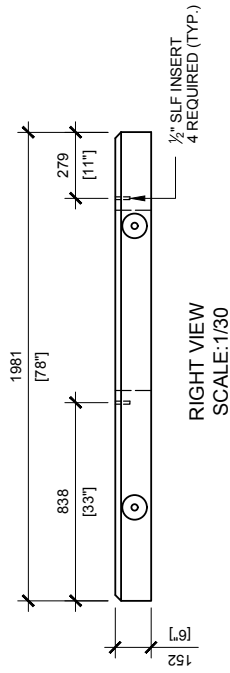
1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



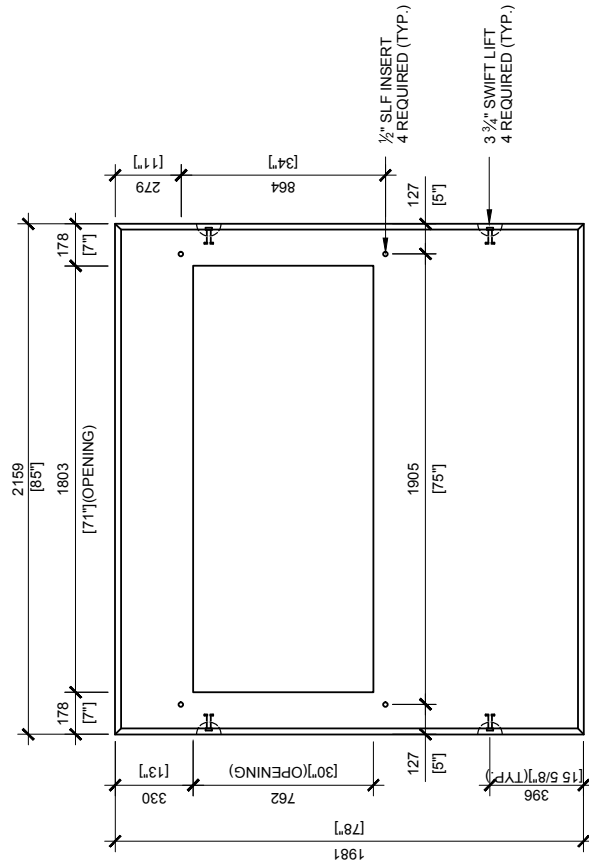
GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN. OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
5. TOP EDGES TO HAVE CHAMFER

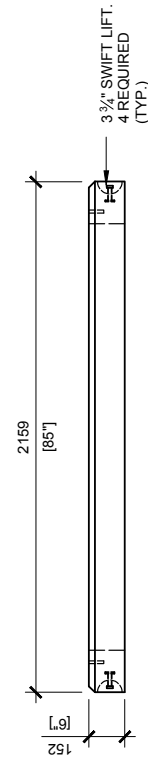
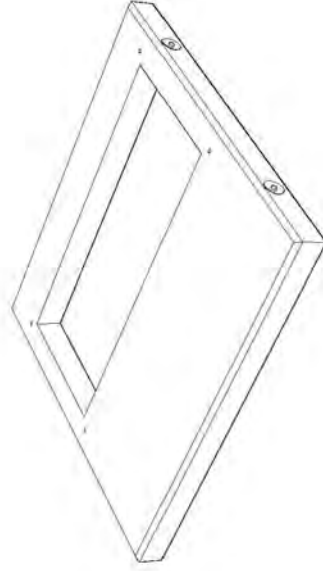
	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa	WEIGHT: BCP330TS - 2,960lbs / 1,345kg	DRAWN BY: S. RIMLAND	BCP330TS
				DATE: AUG2017	PRECAST TOP FOR TRANSFORMER FOUNDATION



RIGHT VIEW
SCALE: 1/30



TOP VIEW
SCALE: 1/30



FRONT VIEW
SCALE: 1/30

GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA
CAN A23.1 / A23.3, G30.18 Fy=400MPa

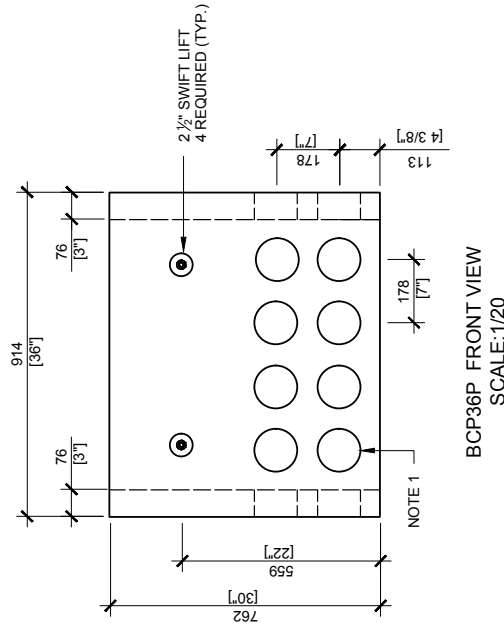
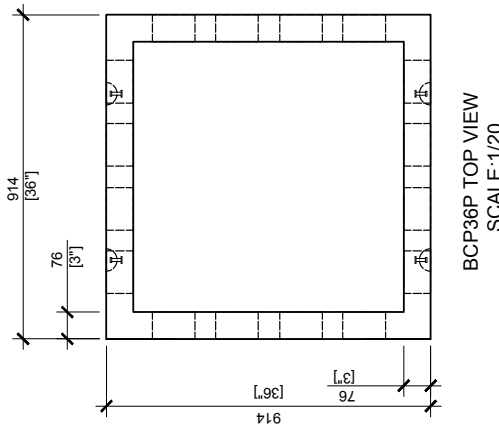
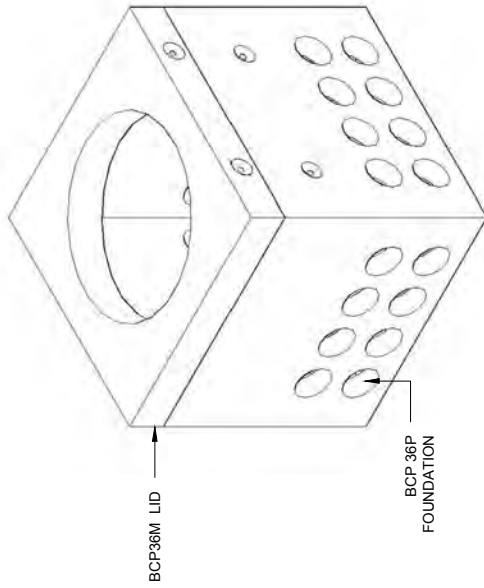
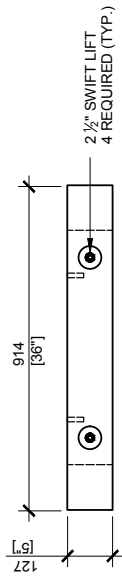
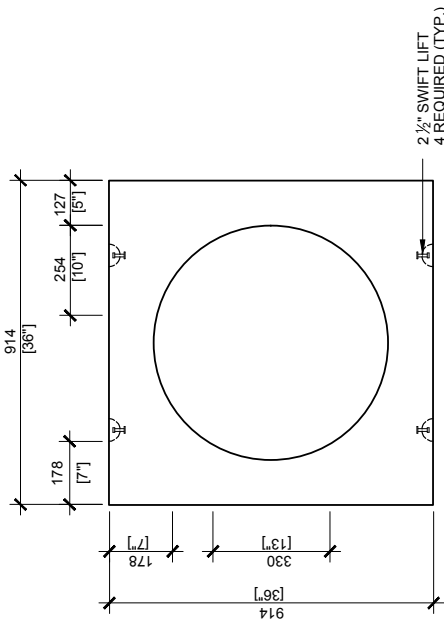
WEIGHT:
BCP330TV - 2,315lbs / 1,050kg

DRAWN BY:
S. RIMLAND

DATE:
AUG/2017

BCP330TV

PRECAST TOP FOR TRANSFORMER FOUNDATION



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. AVAILABLE WITH SOLID LID FOR USE AS SPlicing CHAMBER



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3. G30.18 Fy=400MPa

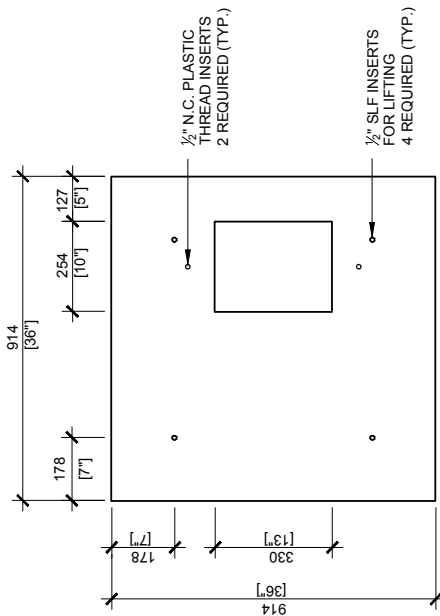
WEIGHT:
BCP36P- 970lbs / 440kg

DRAWN BY:
S.RIMLAND

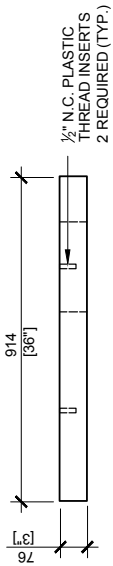
DATE:
AUG2017

BCP36M

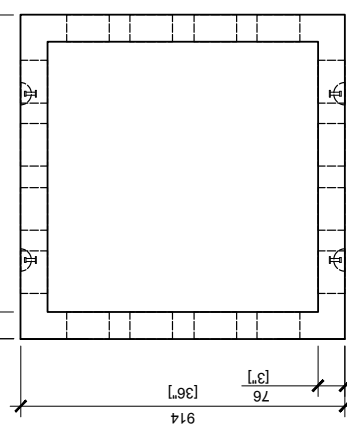
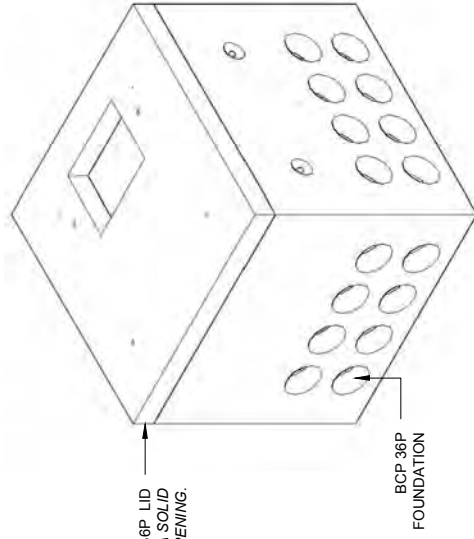
PRECAST CONCRETE JUNCTION BOX.



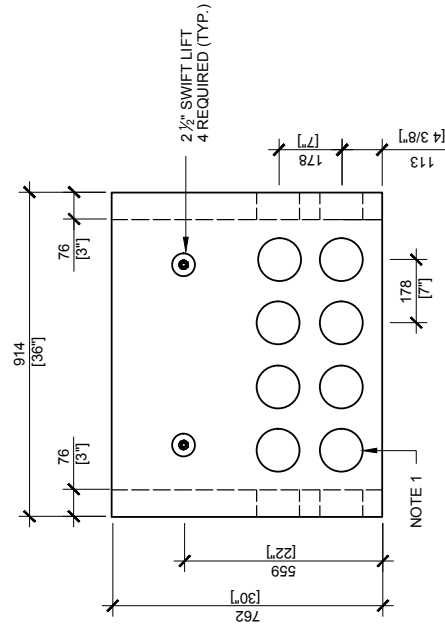
BCP36P LID VIEW
SCALE:1/20



BCP36P LID FRONT VIEW
SCALE:1/20



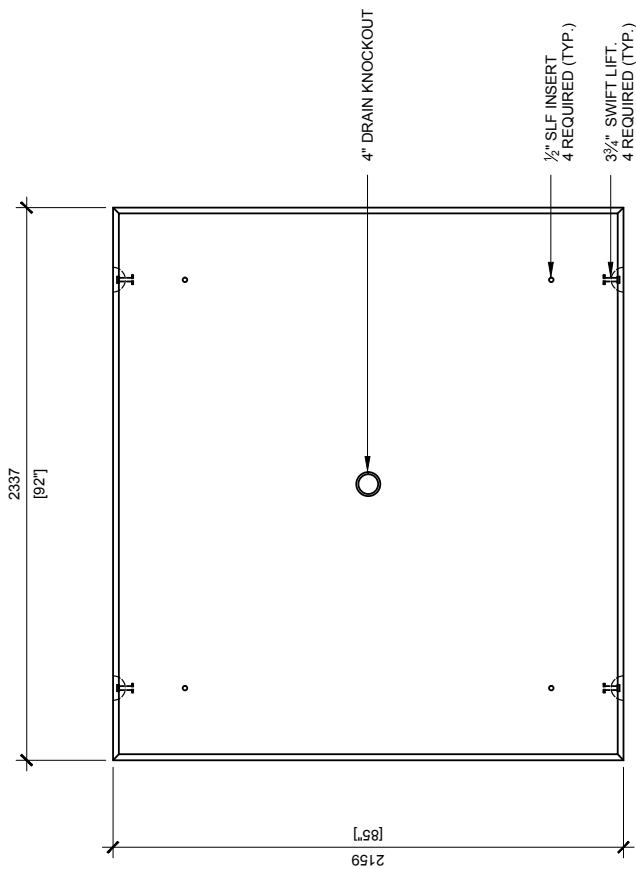
BCP36P TOP VIEW
SCALE:1/20



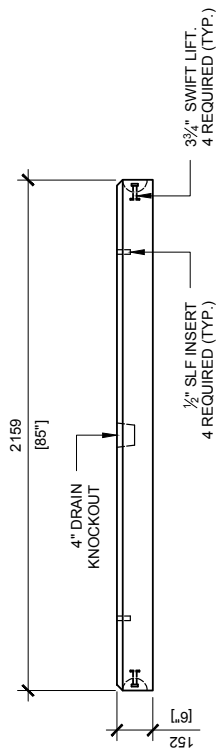
BCP36P FRONT VIEW
SCALE:1/20

GENERAL NOTES:

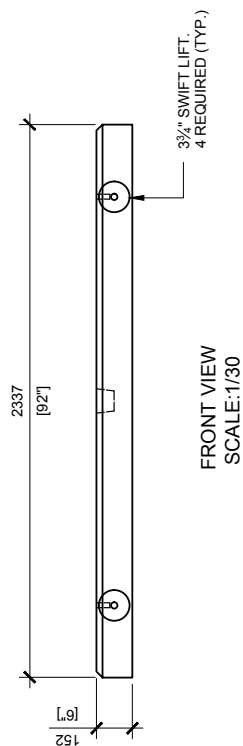
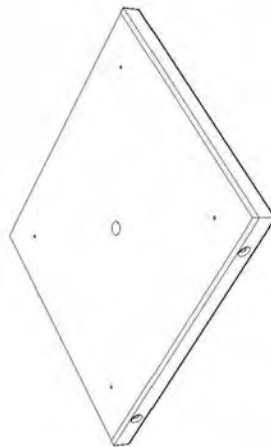
1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. AVAILABLE WITH SOLID LID FOR USE AS SPlicing CHAMBER



TOP VIEW
SCALE:1/30



RIGHT VIEW
SCALE:1/30



FRONT VIEW
SCALE:1/30

GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA CAN
A23.1 / A23.3. G30.18 Fy=400MPa

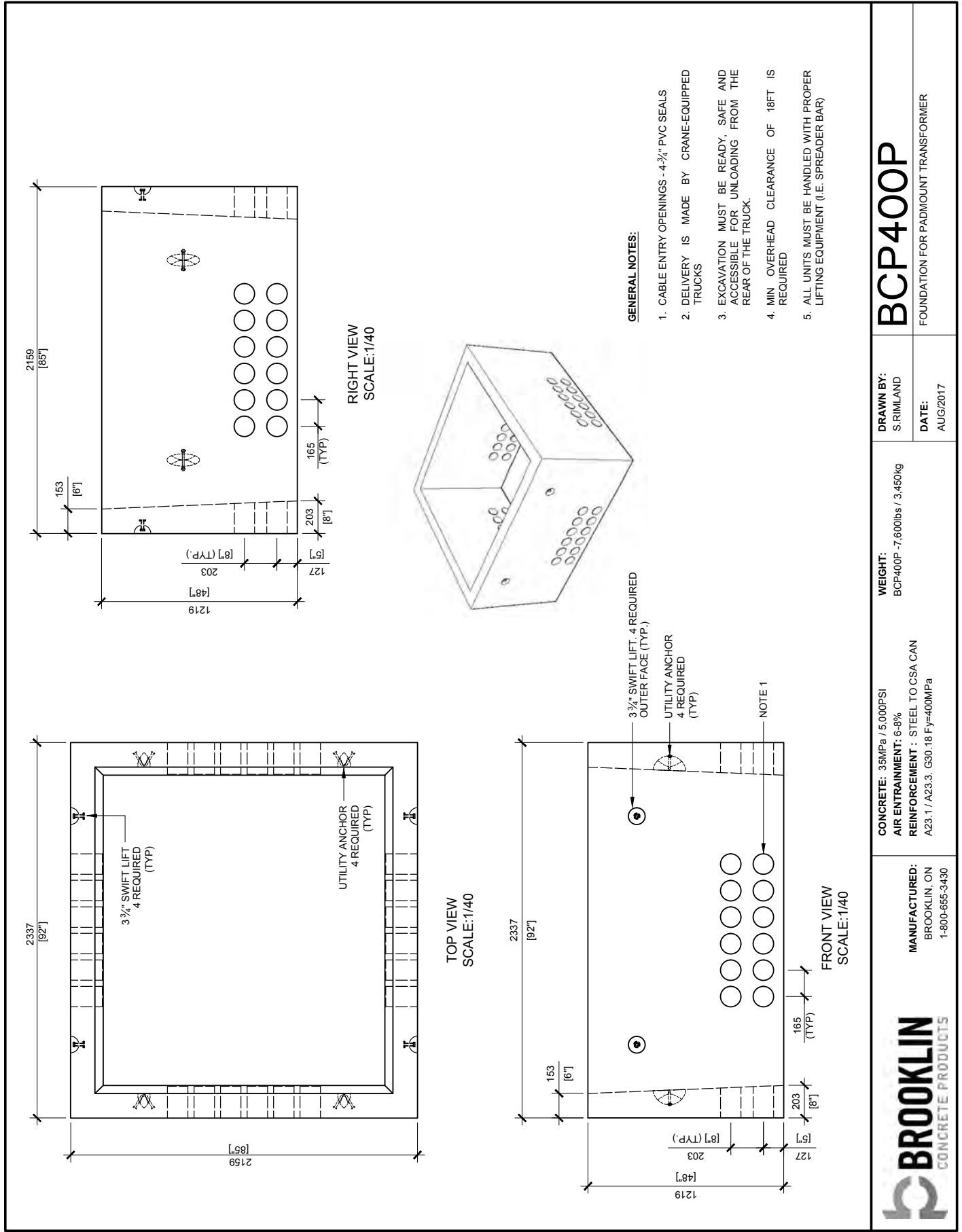
WEIGHT:
BCP 400B -4,025lbs / 1,830kg

DRAWN BY:
S.RIMLAND

DATE:
AUG2017

BCP400B

BASE FOR PRECAST FOUNDATION



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

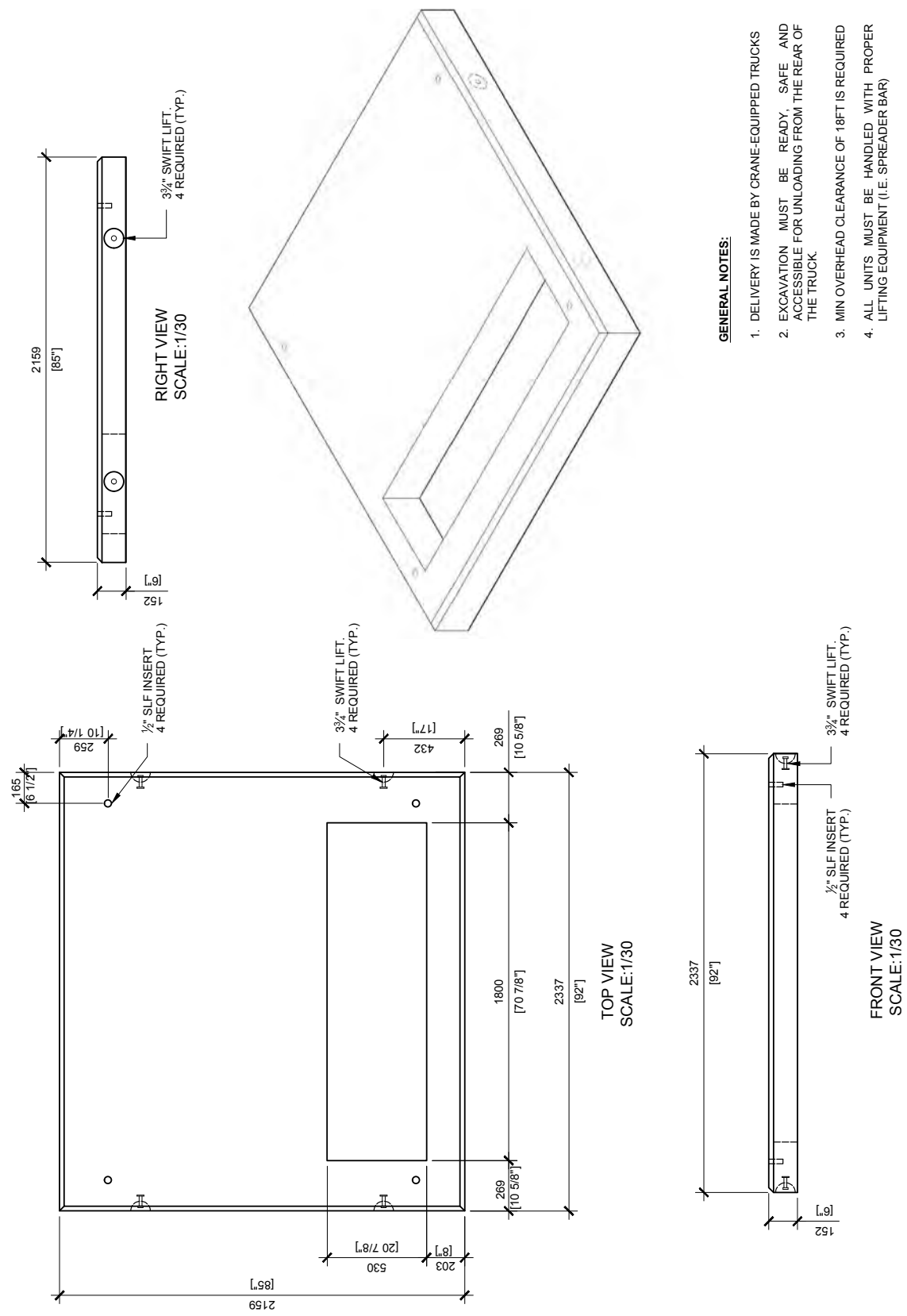
CONCRETE: 35MPa / 4600PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

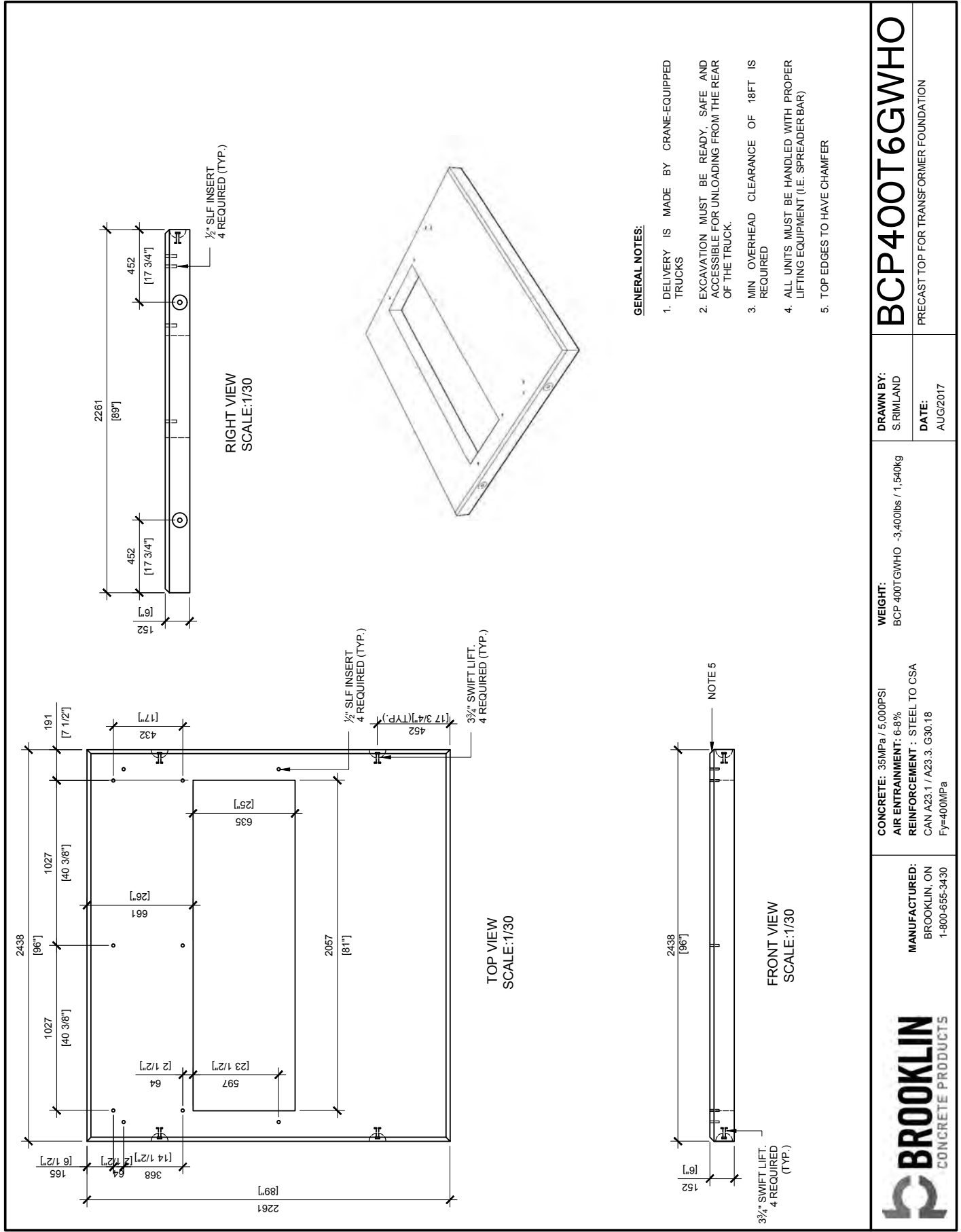
DRAWN BY:
S.RIMLAND

DATE:
AUG2017

BCP400T6

PRECAST LID FOR PADMOUNT FOUNDATION





BCP400T6GWHO

DRAWN BY:
S.RIMLAND

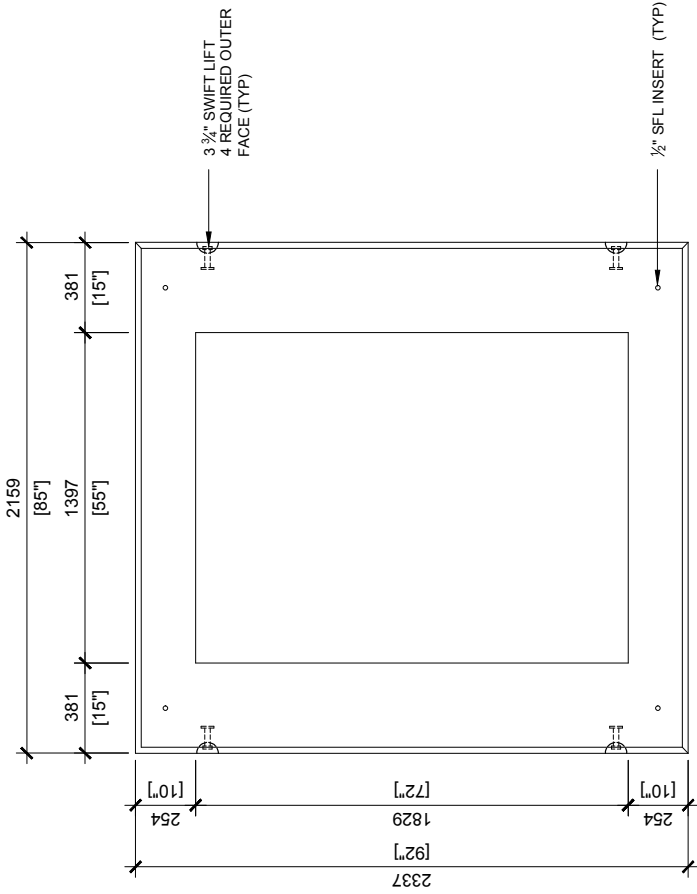
DATE:
AUG/2017

WEIGHT:
BCP 400T6GWHO - 3,400lbs / 1,540kg

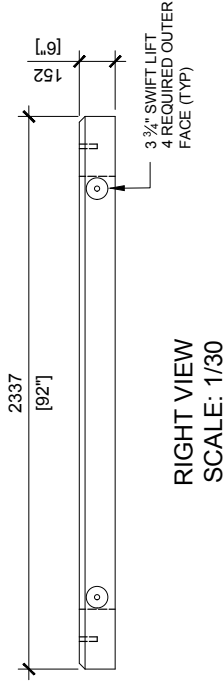
CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA
CAN A23.1 / A23.3 G30.18
Fy=400MPa

MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

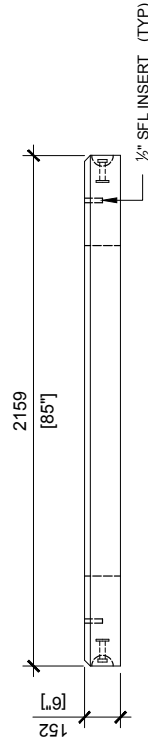
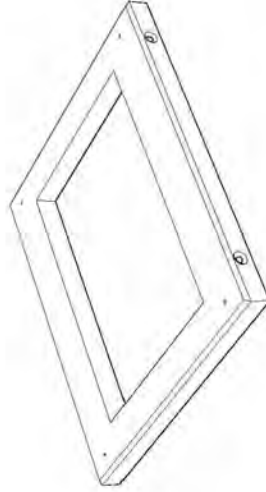




TOP VIEW
SCALE: 1/30



RIGHT VIEW
SCALE: 1/30



FRONT VIEW
SCALE: 1/30

GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3, G30.18 Fy=400MPa

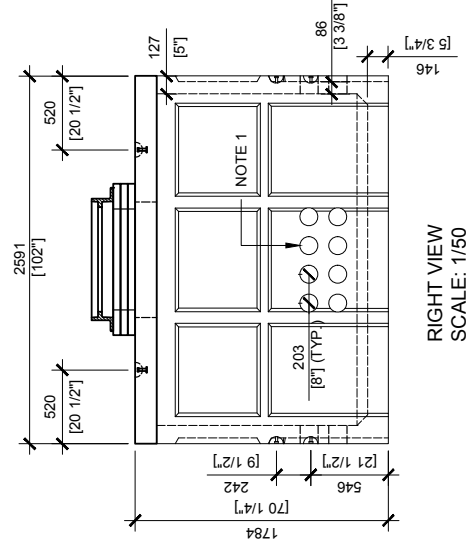
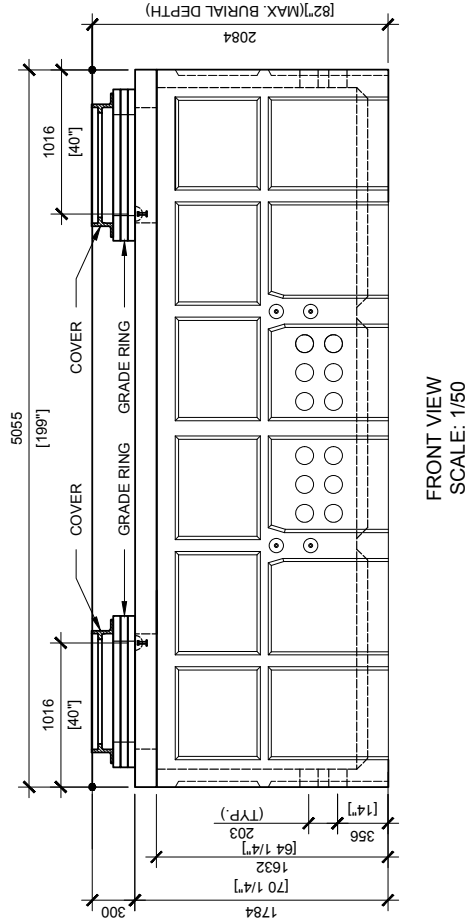
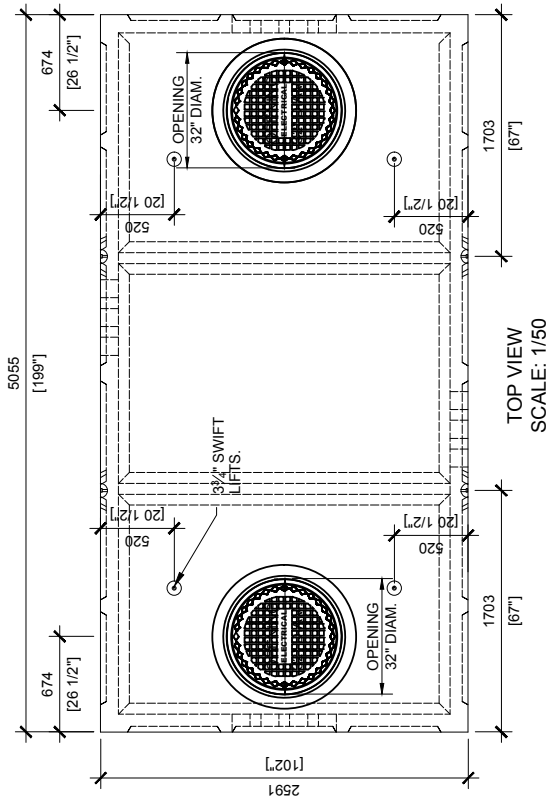
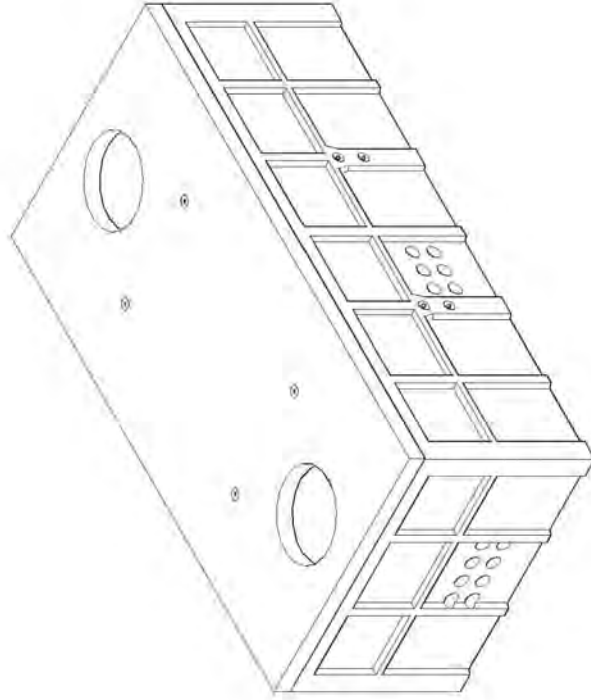
WEIGHT:
BCP400TC- 1,984lbs / 900kg

DRAWN BY:
S.RIMLAND

DATE:
AUG2017

BCP400TC

TOP COLLAR FOR PRECAST FOUNDATION



- GENERAL NOTES:**
1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
 2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
 3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
 4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
 5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
 6. MAXIMUM BURIAL DEPTH: 2084mm EXCAVATION OR 300mm FROM FINISHED GRADE TO TOP OF PRECAST SLAB



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
 CAN A23.1 / A23.3, G30.18 Fy=400MPa

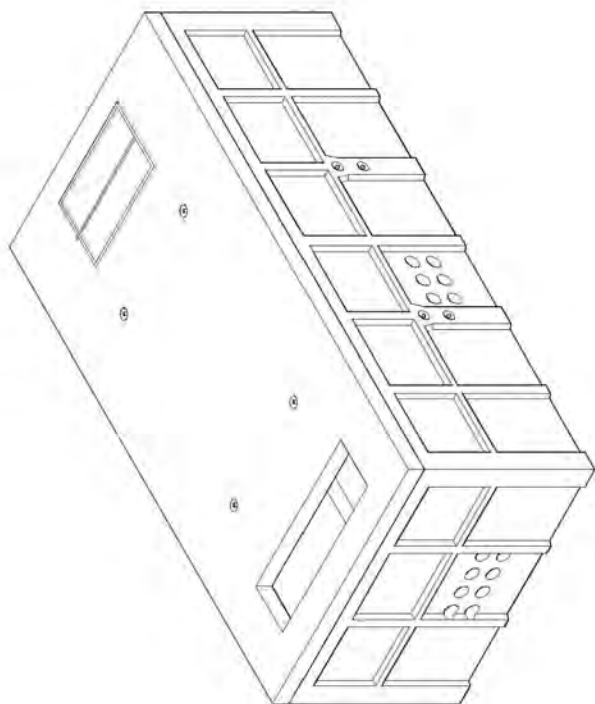
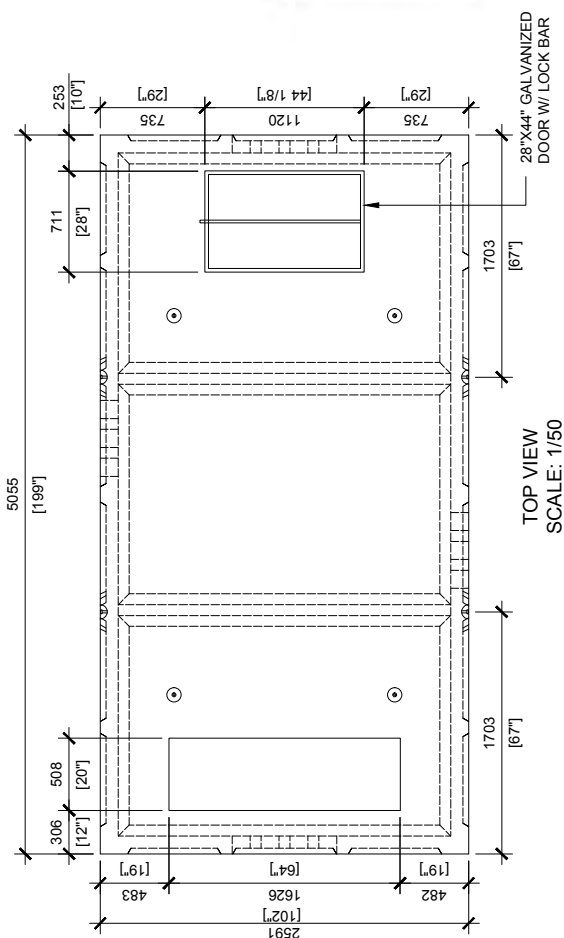
WEIGHT:
 LID 9,471lbs / 4,295kgs
 TOP 21,285lbs / 9,655kgs
 BCP505M - 30,756lbs / 13,950kg

DRAWN BY:
S. RIMLAND

DATE:
AUG/2017

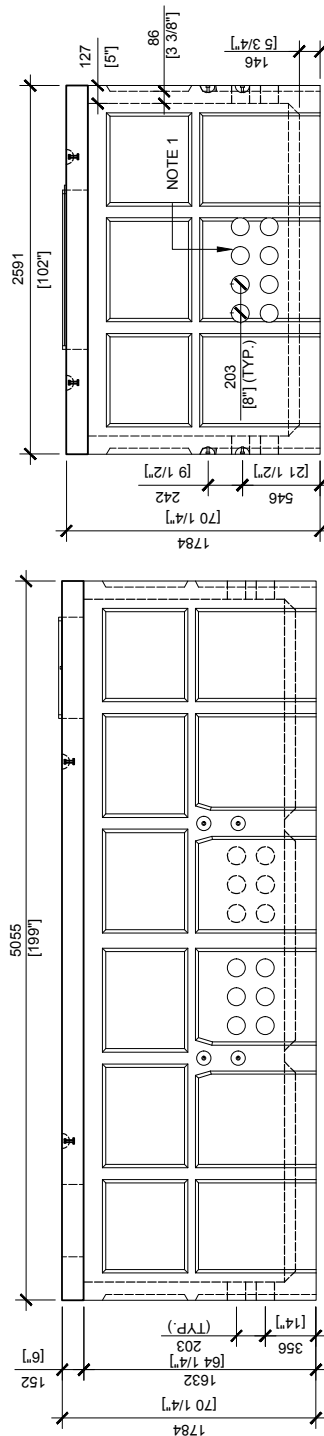
BCP505M

PRECAST CONCRETE UTILITY MANHOLE
FOR BOULEVARD USE

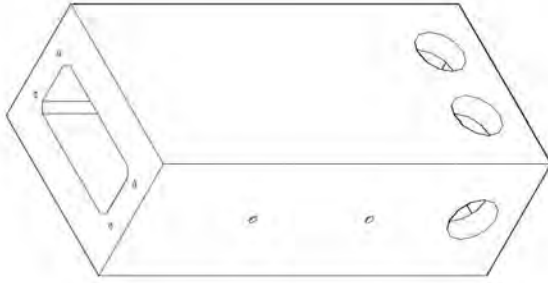
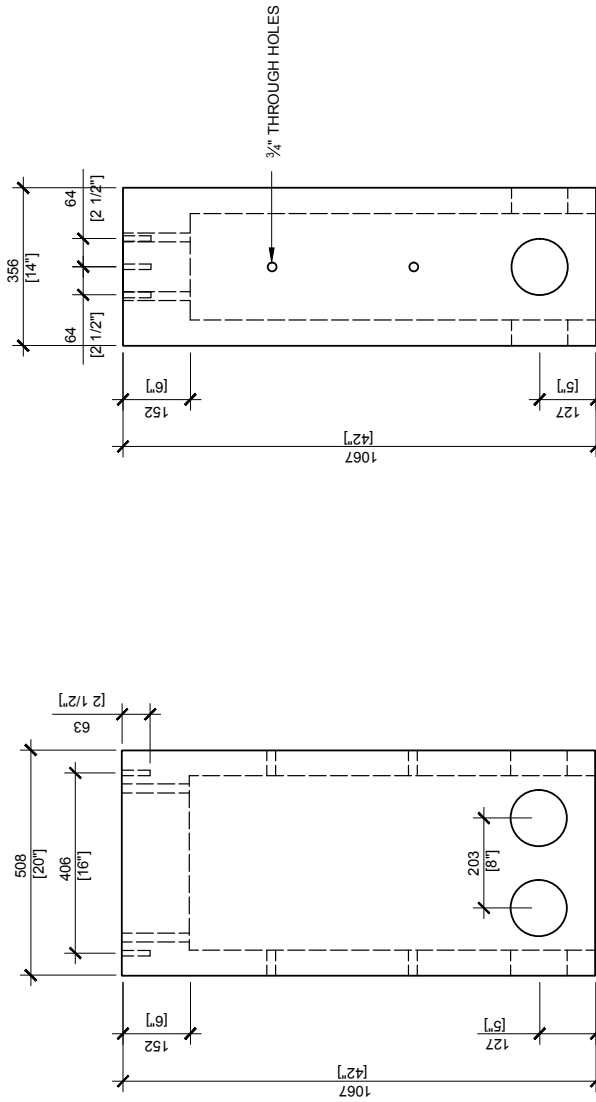
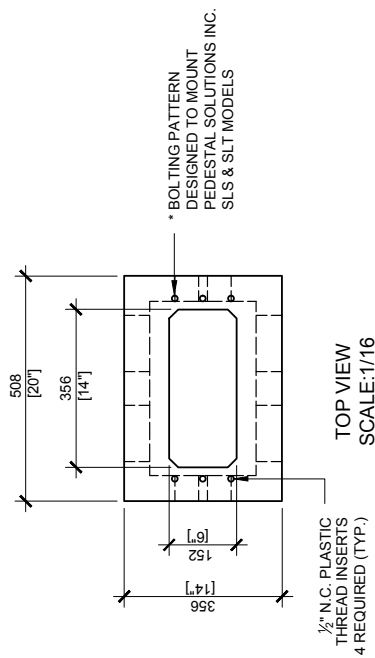


GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430
	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa
WEIGHT: LID - 9,206lbs / 4,175kgs BOTTOM - 21,285lbs / 9,655kgs BCP505V - 30,491lbs / 13,930kg	DRAWN BY: S.RIMLAND
BCP505V	
DATE: AUG/2017	
FOUNDATION FOR PADMOUNT TRANSFORMER	



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED BY:
BROOKLIN ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

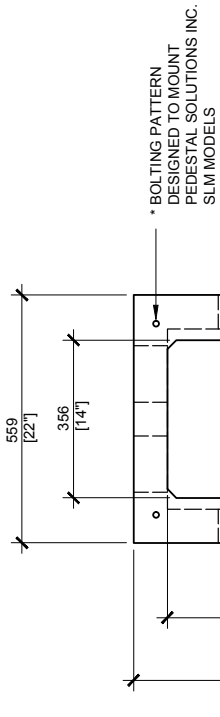
WEIGHT:
BCP20PED- 540lbs / 240kg

DRAWN BY:
S.RIMLAND

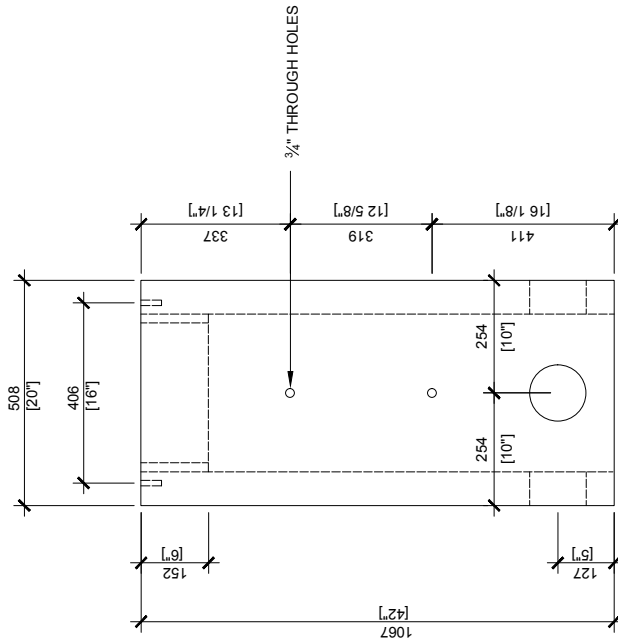
DATE:
AUG/2017

BCP20PED

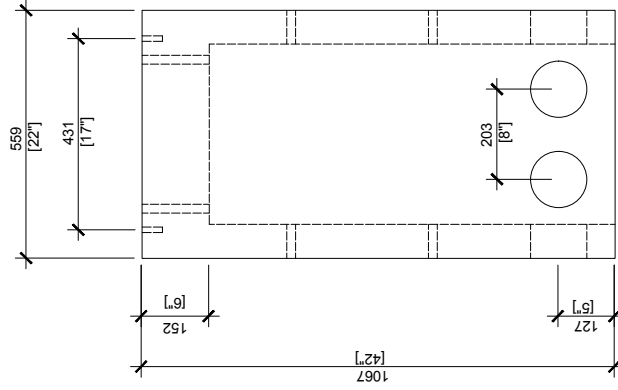
FOUNDATION FOR METER OR STREETLIGHT PEDESTAL



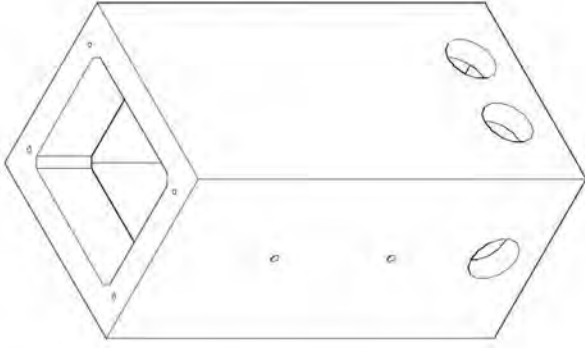
TOP VIEW
SCALE: 1/16



RIGHT VIEW
SCALE: 1/16



FRONT VIEW
SCALE: 1/16



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa

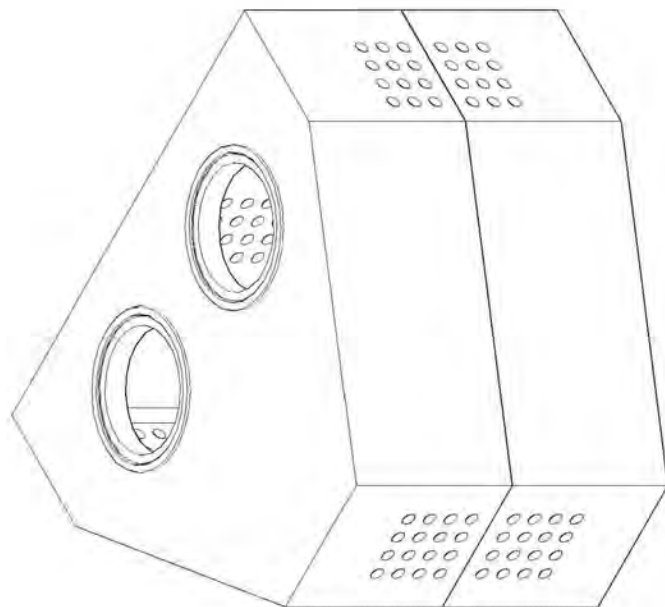
WEIGHT:
BCP222PED- 695lbs / 315kg

DRAWN BY:
S.RIMLAND

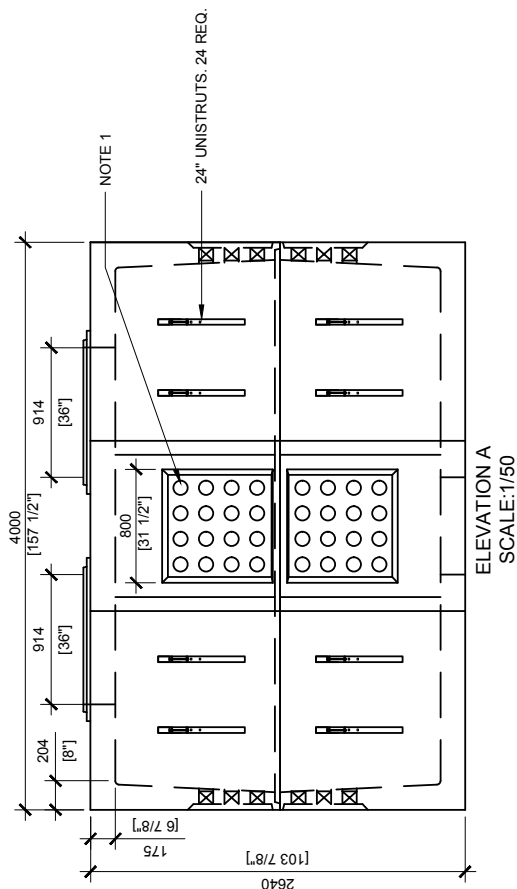
DATE:
AUG2017

BCP222PED

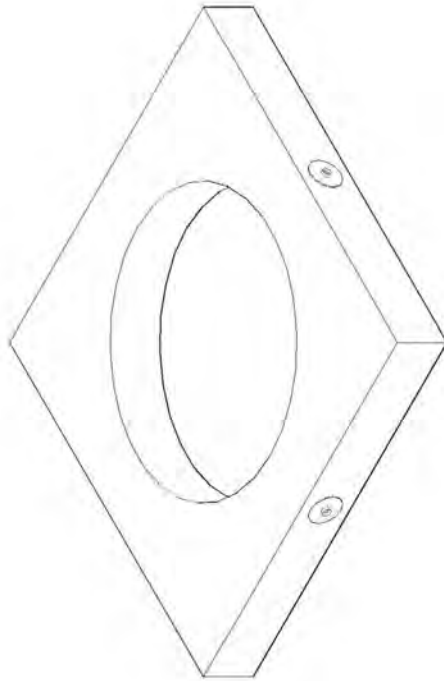
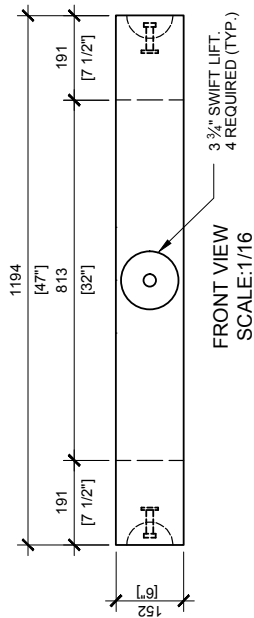
FOUNDATION FOR METER OR STREETLIGHT PEDESTAL



1. CABLE ENTRIES - 4 3/4" PVC SEALS
2. REINFORCEMENT STEEL TO CSA CAN A23 SERIES
3. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS. EXCAVATION MUST BE SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
4. MINIMUM OVERHEAD CLEARANCE OF 18FT IS REQUIRED.
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. UNITS MUST BE SEALED WITH BUTYL TAPE AT THE JOINTS
7. WATER PRESSURE WAS NOT CONSIDERED IN THE STRUCTURAL DESIGN. REPORT WATER TABLE DURING CONSTRUCTION
8. PLACE BACKFILL SIMULTANEOUSLY AROUND THE VAULT TO AVOID UNBALANCE LATERAL EARTH PRESSURES
9. BACKFILL SHOULD BE UNIFORMLY COMPACTED TO A MINIMUM OF 98% MATERIALS SPMPD.

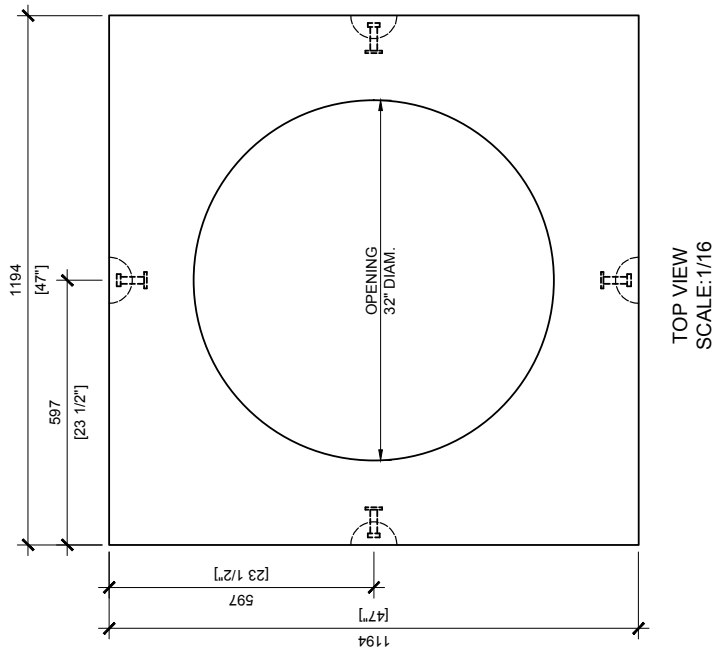


		TYPE 'V' VAULT	
MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6.5% REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa	WEIGHT: TYPE V VAULT - 40,000lbs/ 18,143kg	DRAWN BY: S.RIMLAND
		DATE: AUG/2017	
		PRECAST CONCRETE UTILITY MANHOLE	



GENERAL NOTES:

1. CONCRETE COVER TO BE 35mm EXTERNAL FACE / 25mm INTERNAL FACE
2. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT
3. FOR H20 MANHOLES STACK UP TO FOUR RISERS
4. PROVIDE TYPE "S" MORTAR BETWEEN RISERS
5. JOINTS SHALL BE SEALED WITH FLEXIBLE WATERTIGHT RUBBER GASKETS



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA CAN
 A23.1 / A23.3 G30.18 Fy=400MPa

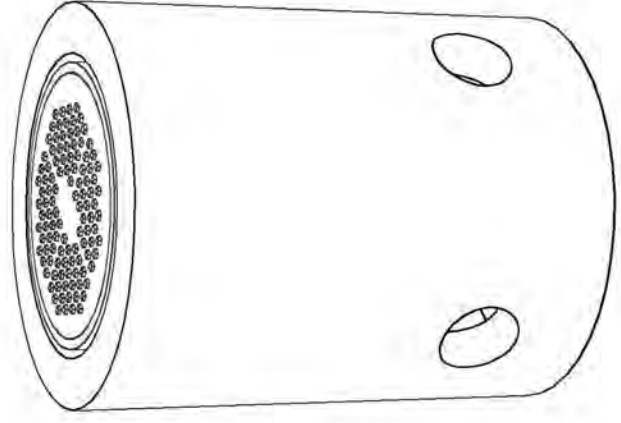
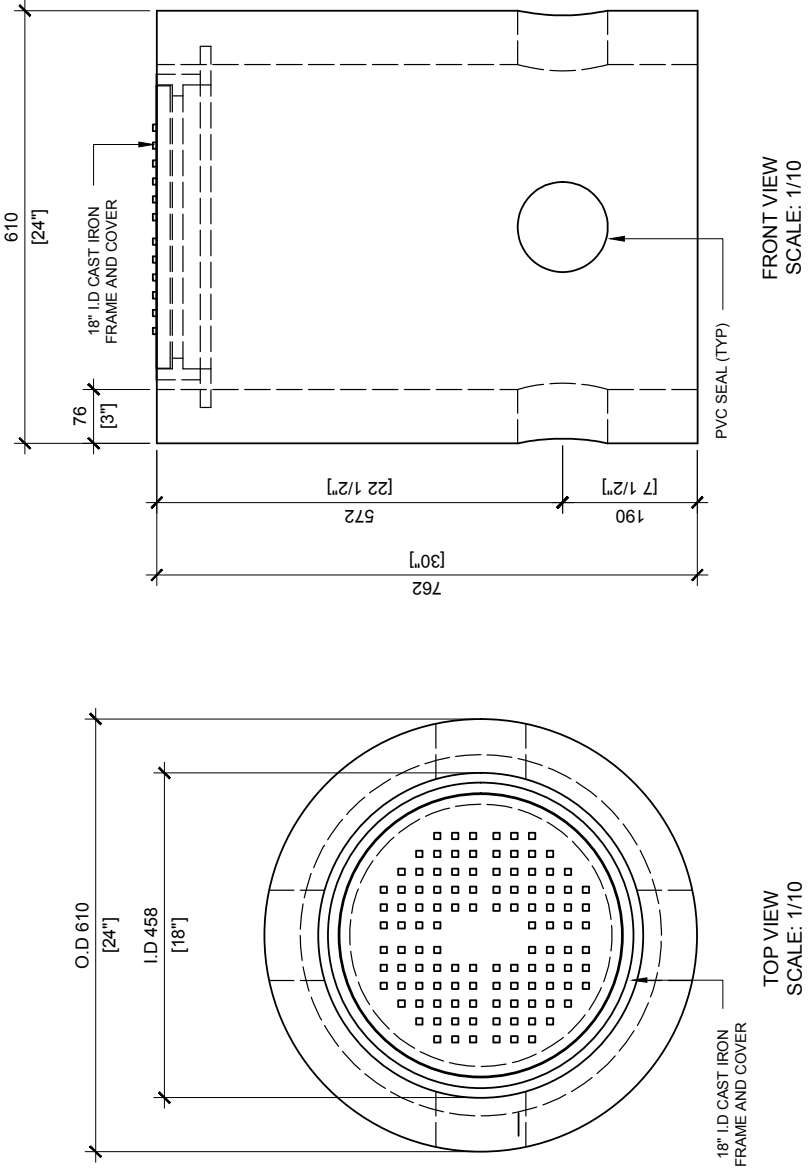
WEIGHT:
BCP RISER- 649lbs / 294kg

DRAWN BY:
S. RIMLAND

DATE:
AUG2017

BCP RISER 6"

PRECAST CONCRETE RISER



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4- $\frac{3}{4}$ " PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3, G30.18 Fy=400MPa

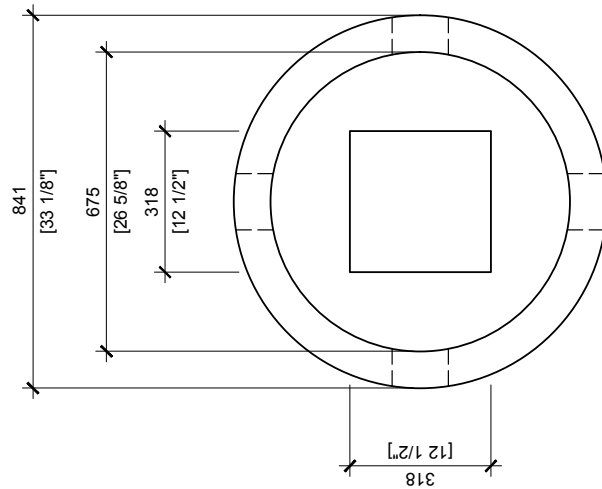
WEIGHT:
BCP2112.02 - 600lbs / 280kg

DRAWN BY:
S.RIMLAND

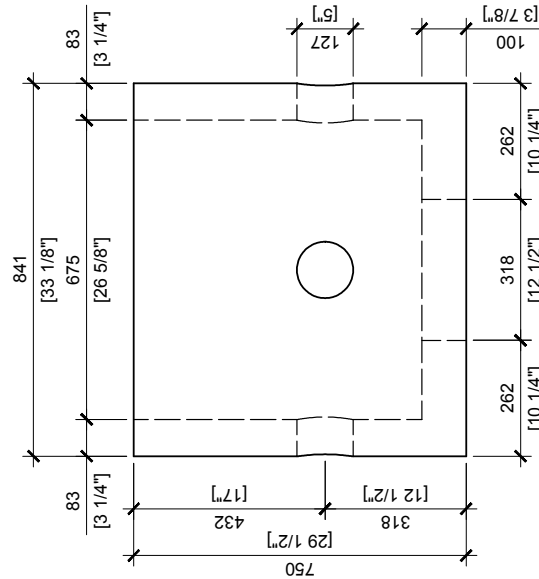
BCP2112.02

DATE:
AUG2017

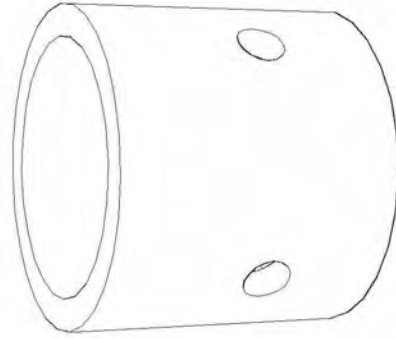
PRECAST CONCRETE ELECTRICAL HANDHOLE
MEETS OFSD 2112.020



TOP VIEW
SCALE: 1/16



FRONT VIEW
SCALE: 1/16



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 5" O.D.
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)

* TYPICAL USE WOULD REQUIRE JW150 CAST IRON FRAME AND COVER (OPSD 401.01)



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3, G30.18 Fy=400MPa

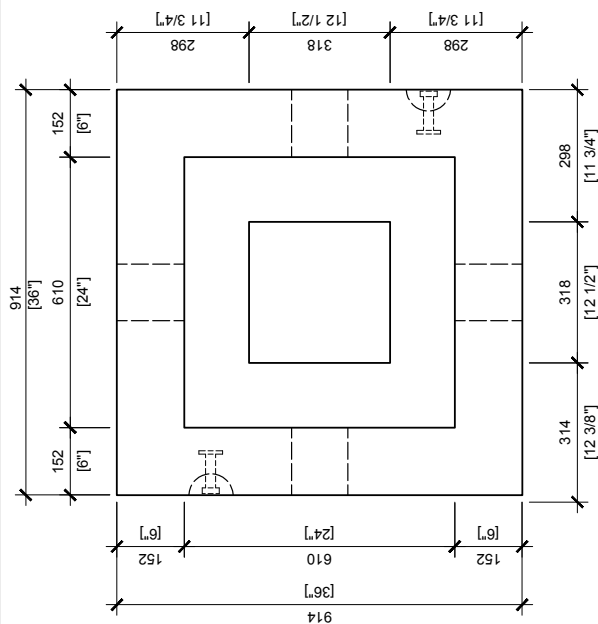
WEIGHT:
2112.03 - 1,030lbs / 470kg

DRAWN BY:
S.RIMLAND

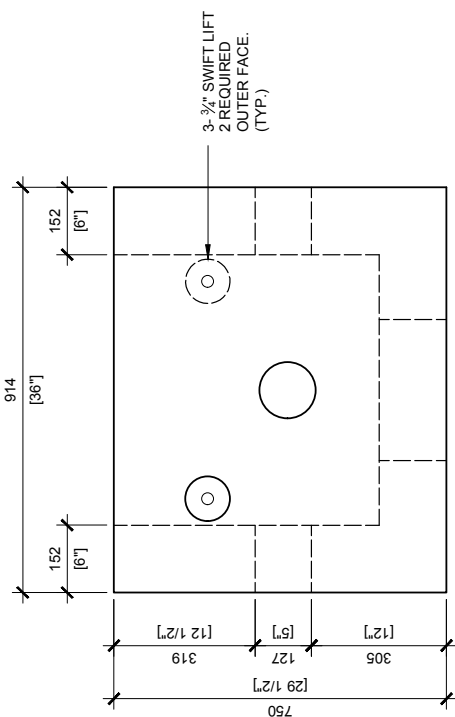
DATE:
AUG/2017

BCP2112.03

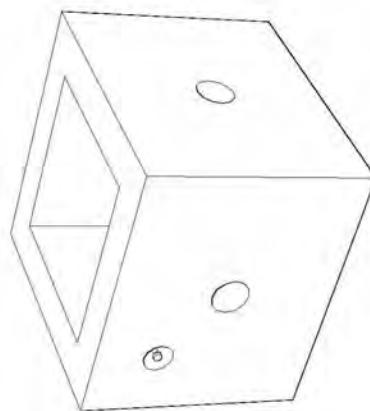
PRECAST CONCRETE ELECTRICAL HANDHOLE
MEETS OPSD 2112.030



TOP VIEW
SCALE: 1/16



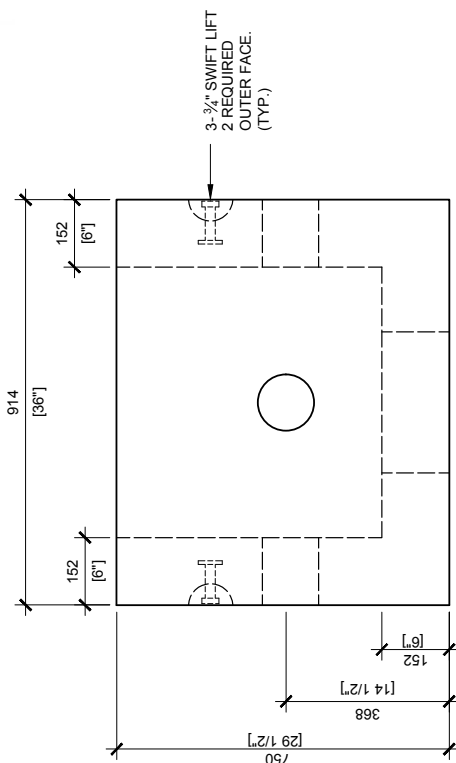
RIGHT VIEW
SCALE: 1/16



GENERAL NOTES

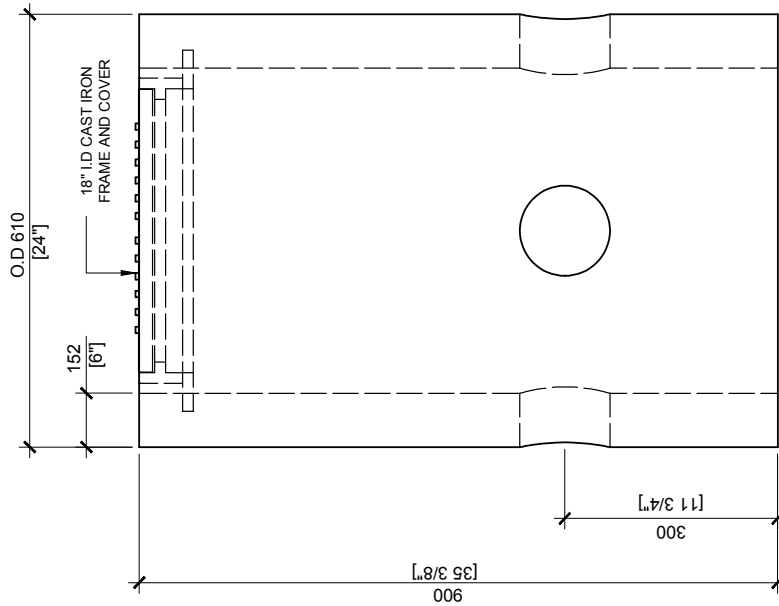
1. CABLE ENTRY OPENINGS - 5" O.D.
2. REINFORCEMENT STEEL TO CSA CAN A23 SERIES
3. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS. EXCAVATION MUST BE SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
4. MINIMUM OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. MINIMUM SOIL BEARING CAPACITY (SLS)=150 KPA.

* TYPICAL USE WOULD REQUIRE JW150 CAST IRON FRAME AND COVER (OPSD 401.01)

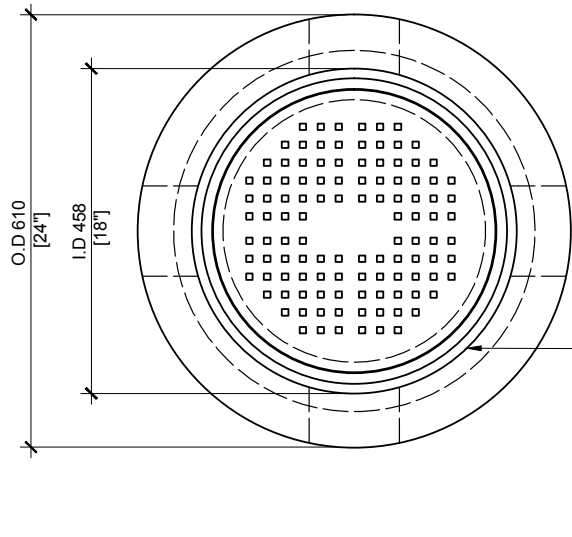


FRONT VIEW
SCALE: 1/16

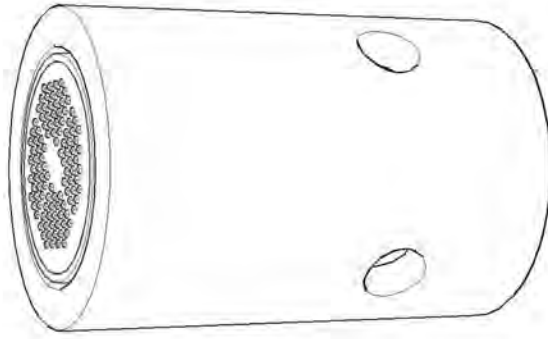
 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 335MPa / 5000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa	WEIGHT: 2112.04 - 2,000lbs / 915kg	DRAWN BY: S.RIMLAND	BCP2112.04
				DATE: AUG/2017	PRECAST CONCRETE ELECTRICAL HANDHOLE MEETS OPSD 2112.040, DESIGNED TO CL-625-ONT LIVE LOADING



FRONT VIEW
SCALE: 1/10



TOP VIEW
SCALE: 1/10



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
4. MIN. OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3 G30.18 Fy=400MPa

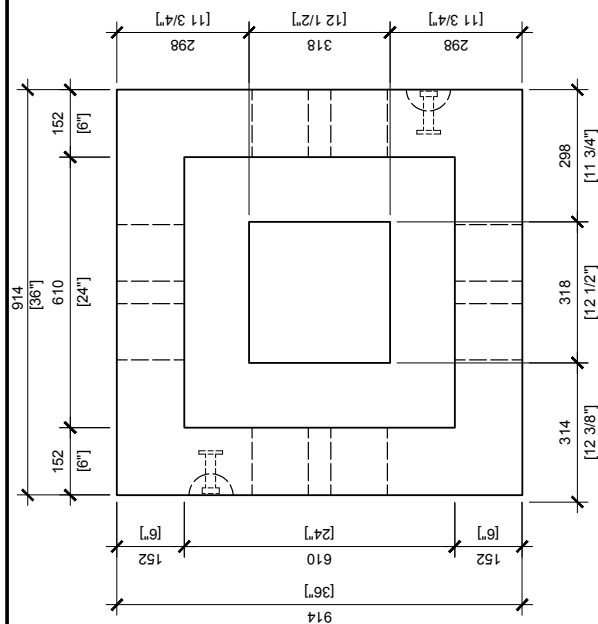
WEIGHT:
BCP103HW -600lbs / 280kg

DRAWN BY:
S. RIMLAND

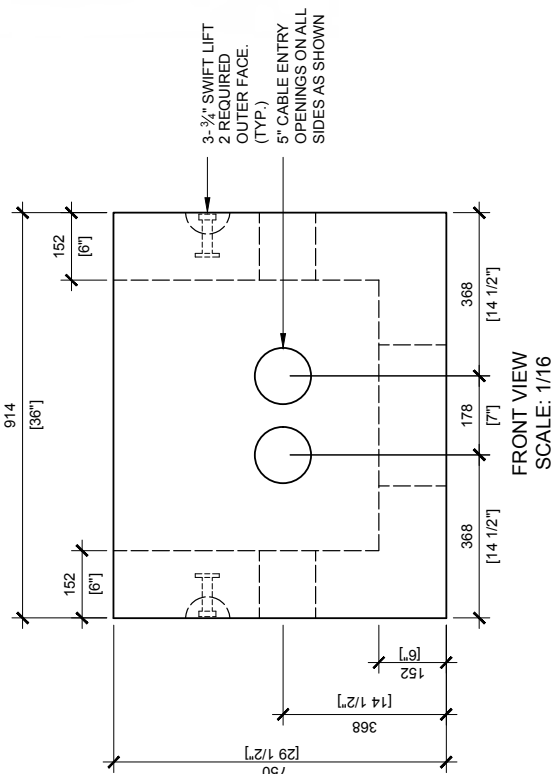
DATE:
AUG/2017

BCP103HW

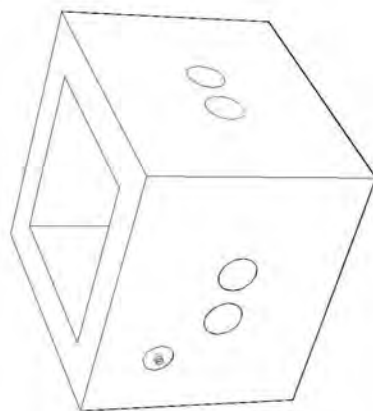
PRECAST CONCRETE ELECTRICAL HANDHOLE



TOP VIEW
SCALE: 1/16



FRONT VIEW
SCALE: 1/16

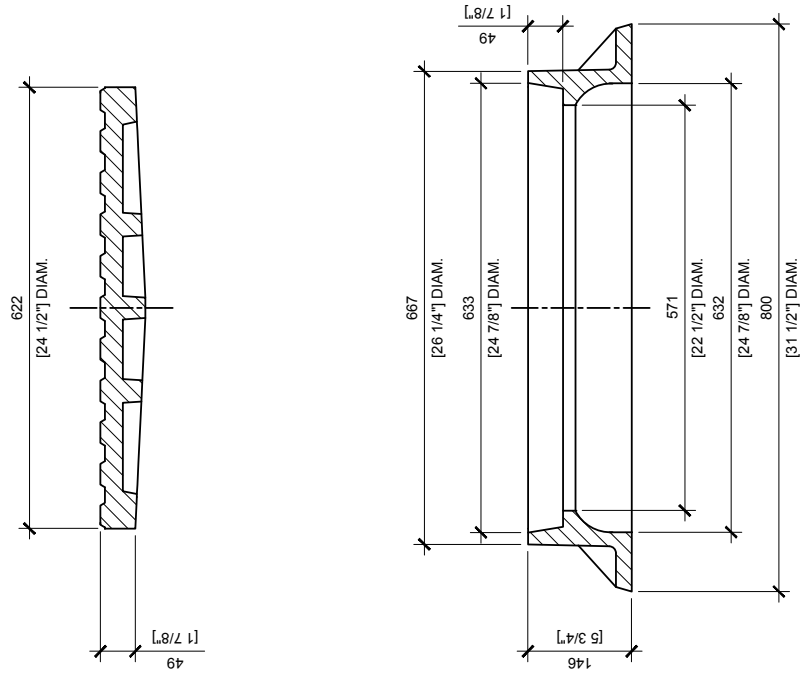


GENERAL NOTES

1. CABLE ENTRY OPENINGS - 5" O.D.
2. REINFORCEMENT STEEL TO CSA CAN A23 SERIES
3. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS. EXCAVATION MUST BE SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
4. MINIMUM OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. MINIMUM SOIL BEARING CAPACITY (SLS)=150 KPA.

* TYPICAL USE WOULD REQUIRE JW150 CAST IRON FRAME AND COVER (OPSD 401.01)

 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 335MPa / 5,000PSI AIR ENTRAINMENT: 6.8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa	WEIGHT: 2112.04- 2,000lbs / 915kg	DRAWN BY: S.RIMLAND	BCP204HW
				DATE: AUG/2017	



*WATERTIGHT COVER AVAILABLE
UPON REQUEST (MODEL # JW153)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

MANUFACTURED BY: BIBBY-STE-CROIX
MATERIAL: GREY CAST IRON

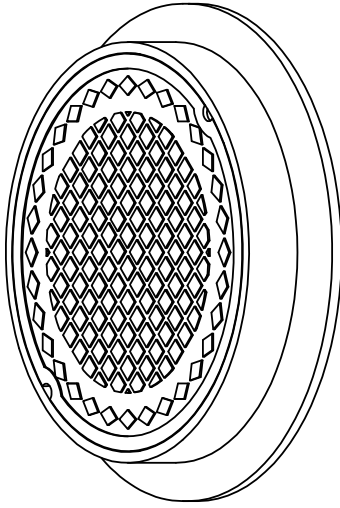
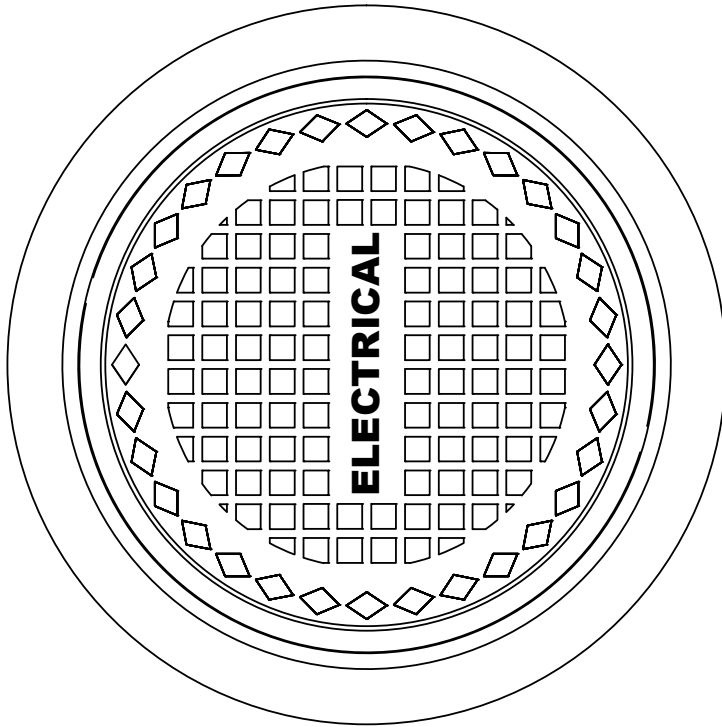
WEIGHT:
JW150 (frame) - 198 lbs / 90 kg
JW150 (cover) - 165 lbs / 75 kg

DRAWN BY:
S. RIMLAND

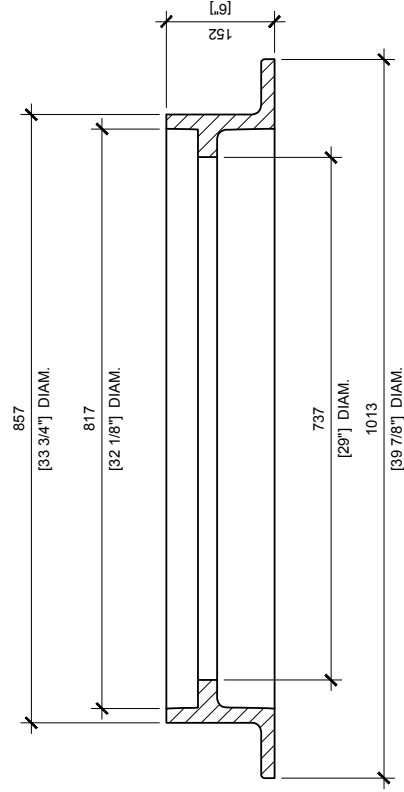
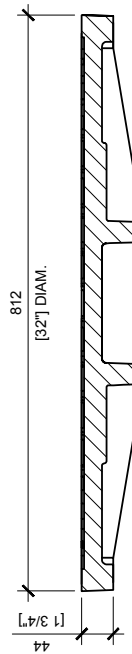
DATE:
AUG/2017

JW150

ACCESS FRAME AND COVER



*WATERTIGHT COVER
AVAILABLE UPON REQUEST



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

MANUFACTURED BY: BIBBY-STE-CROIX
MATERIAL: GREY CAST IRON

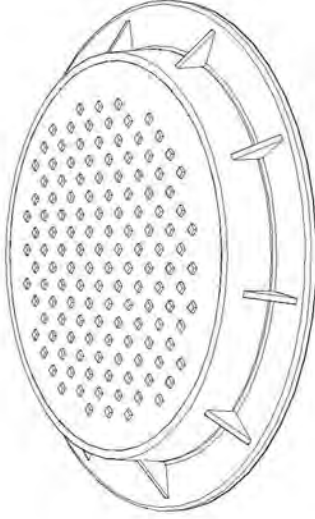
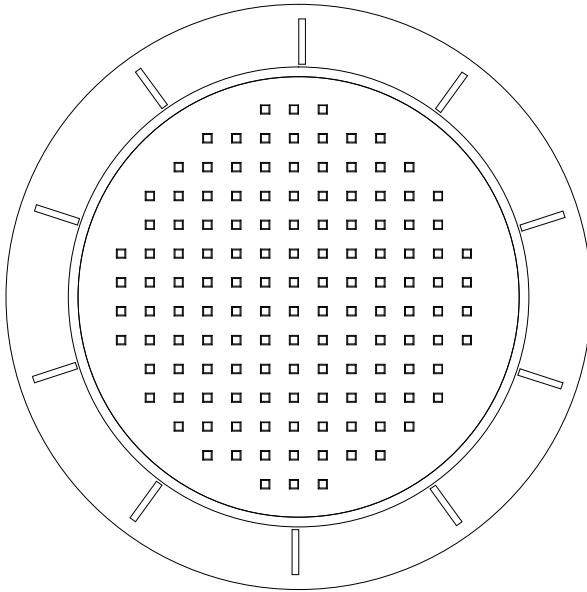
WEIGHT:
JW500 (frame) - 208 lbs / 95 kg
JW500 (cover) - 230 lbs / 105 kg

DRAWN BY:
S. RIMLAND

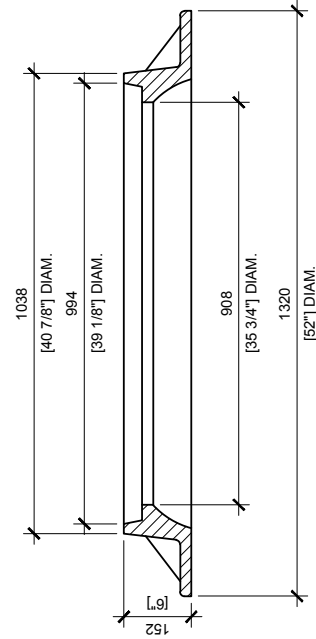
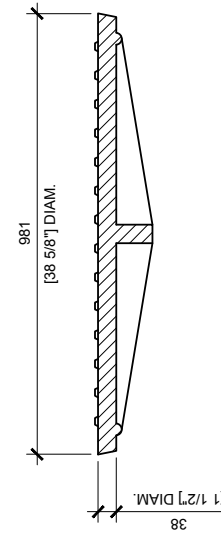
DATE:
AUG/2017

JW500

ACCESS FRAME AND COVER



*WATERTIGHT COVER
AVAILABLE UPON REQUEST



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

MANUFACTURED BY: BIBBY-STE-CROIX
MATERIAL: GREY CAST IRON

WEIGHT:
C-23 (frame) - 540 lbs / 246 kg
C-23 (cover) - 560 lbs / 255 kg

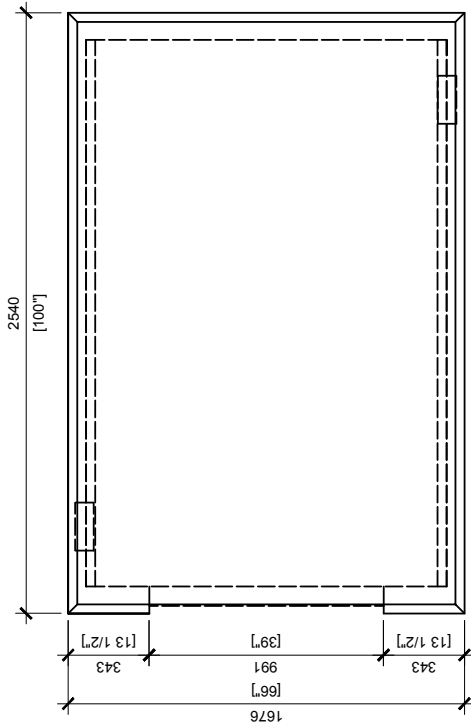
DRAWN BY:
S. RIMLAND

DATE:
AUG/2017

C-23

ACCESS FRAME AND COVER

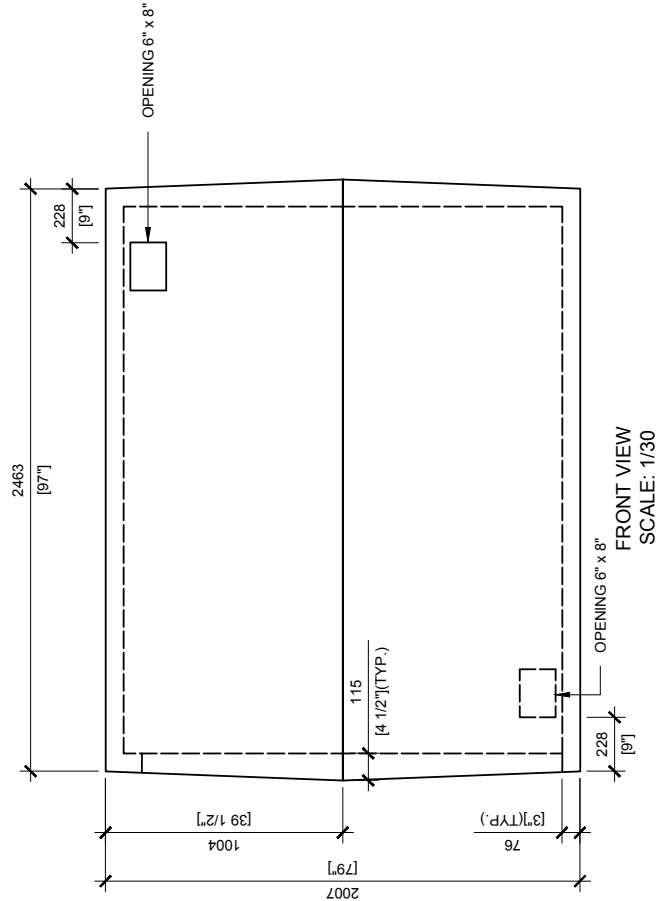
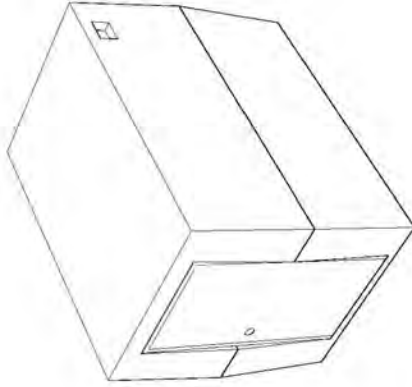




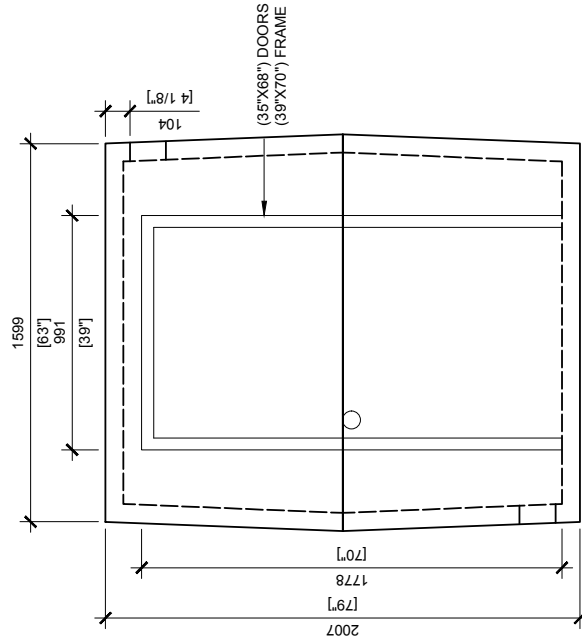
TOP VIEW
SCALE: 1/30

GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. SITE MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



FRONT VIEW
SCALE: 1/30



LEFT VIEW
SCALE: 1/30



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3 G30.18 Fy=400MPa

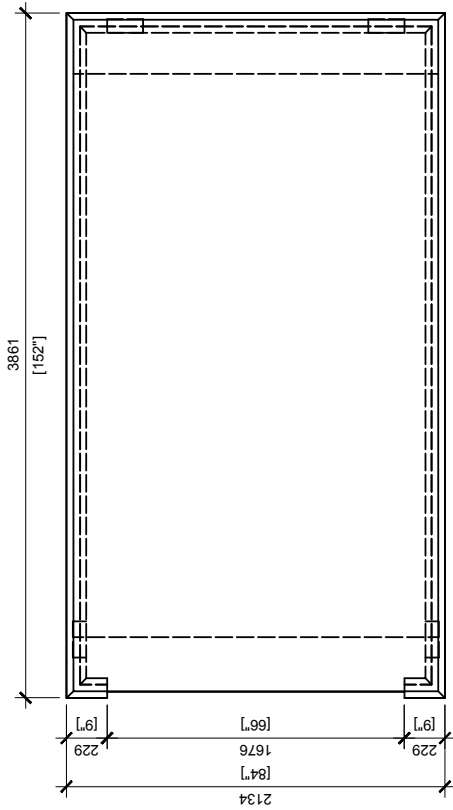
WEIGHT:
MODEL 40 - 9,000lbs / 4,082kg

DRAWN BY:
S.RIMLAND

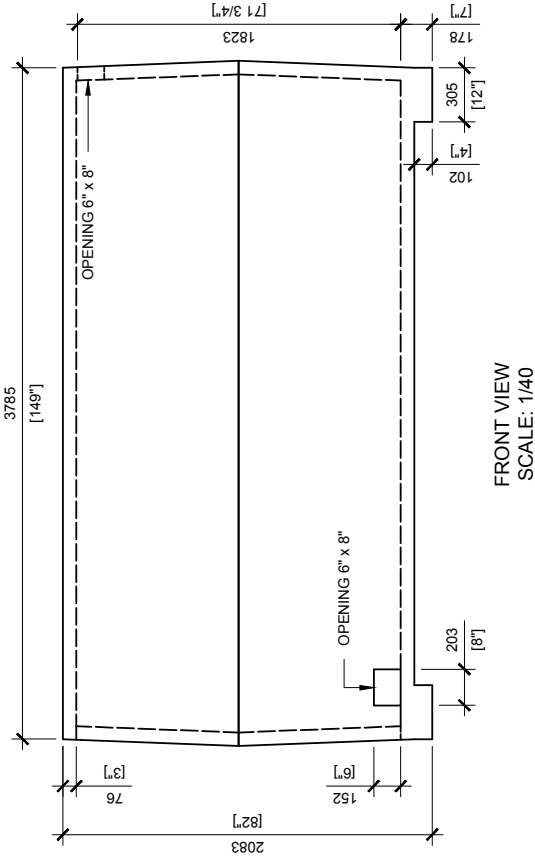
DATE:
AUG2017

MODEL 40

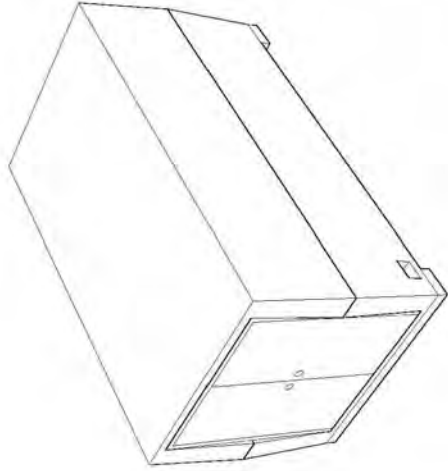
PRECAST CONCRETE UTILITY BUILDING WITH DOOR
TYPICAL USE: ABOVE GROUND ELECTRICAL ROOM



TOP VIEW
SCALE: 1/40

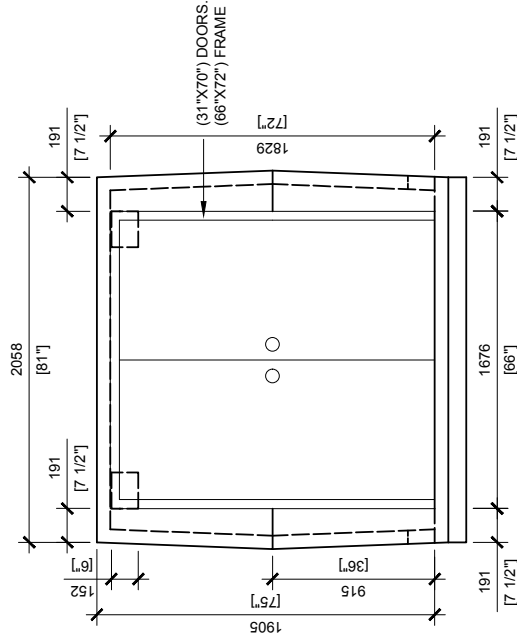


FRONT VIEW
SCALE: 1/40



GENERAL NOTES:

1. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
2. SITE MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK
3. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
4. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)



LEFT VIEW
SCALE: 1/40



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA
CAN A23.1 / A23.3, G30.18 Fy=400MPa

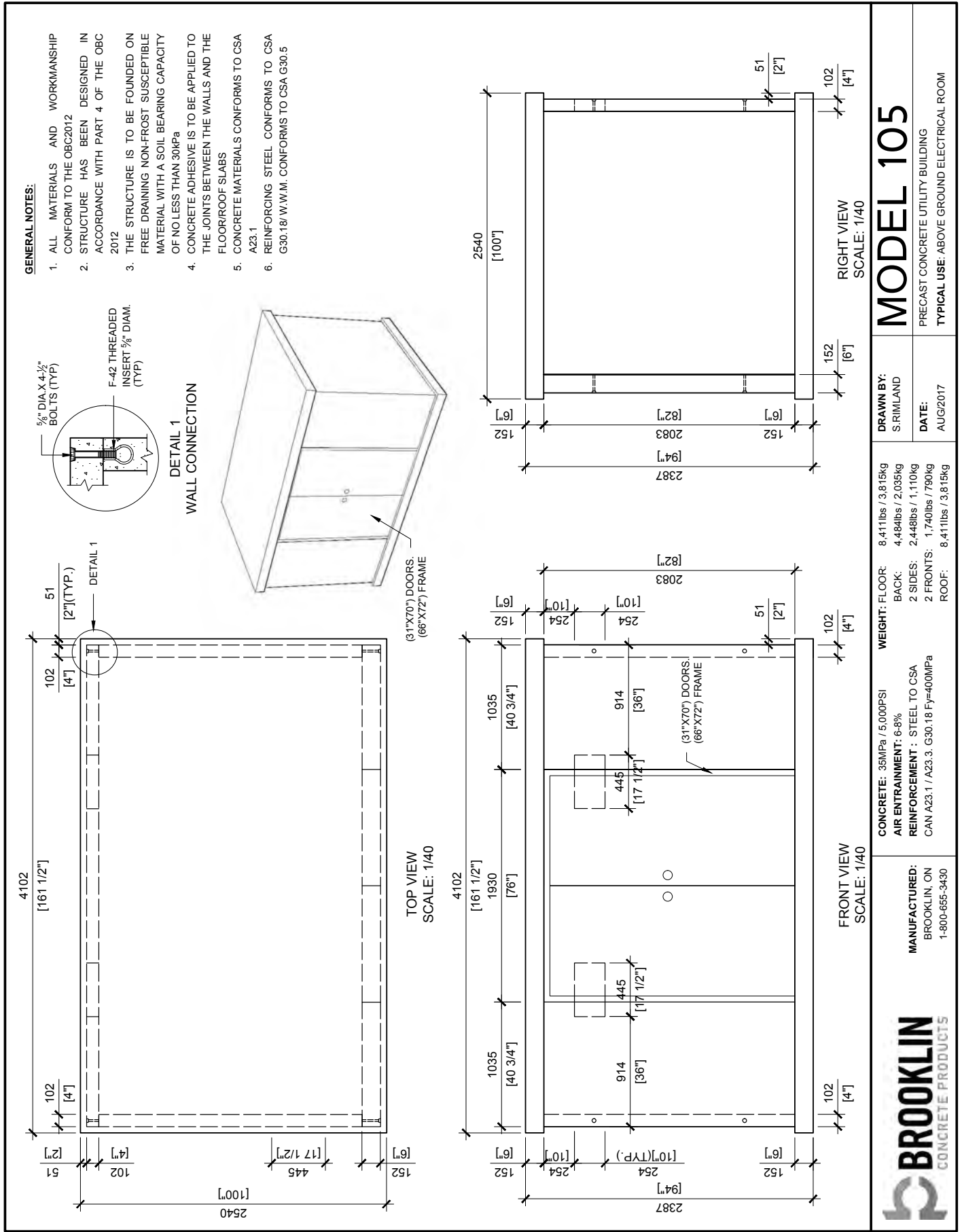
WEIGHT:
MODEL 70 - 16,000lbs / 7,257kg

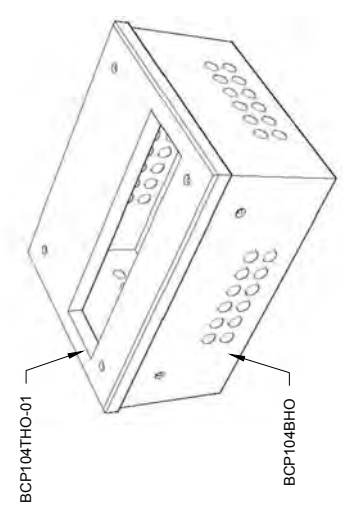
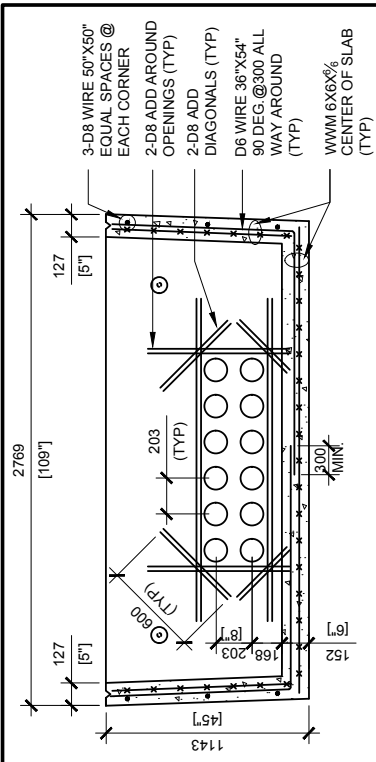
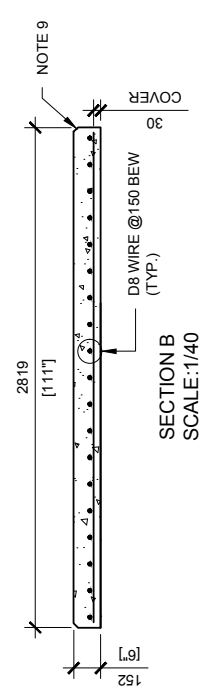
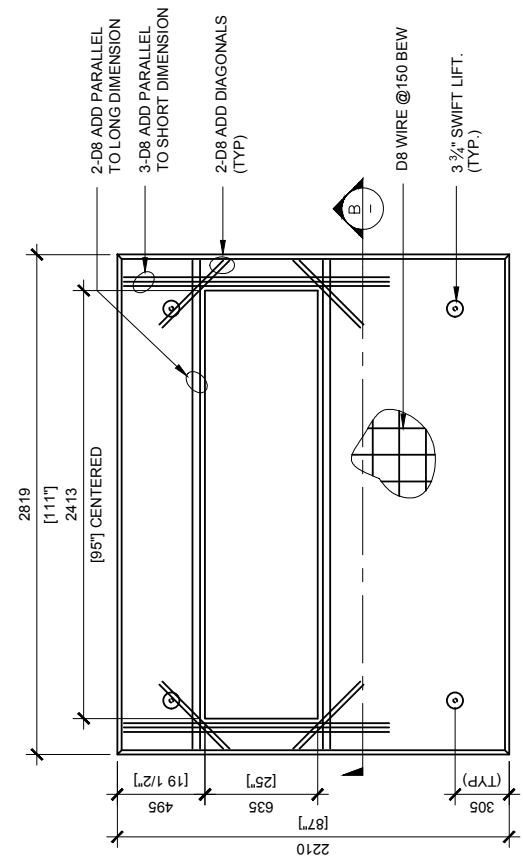
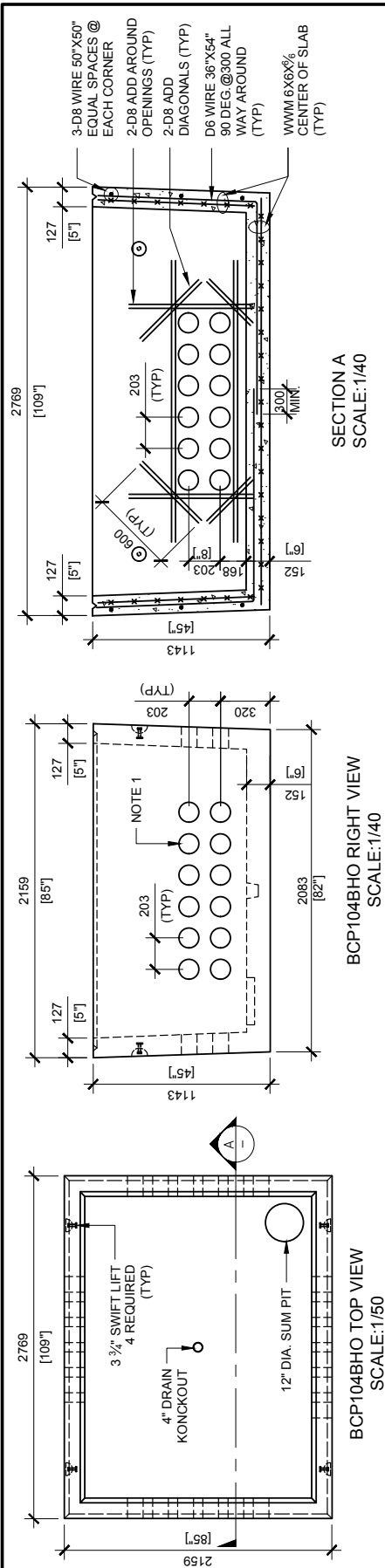
DRAWN BY:
S.RIMLAND

DATE:
AUG/2017

MODEL 70

PRECAST CONCRETE UTILITY BUILDING WITH DOOR
TYPICAL USE: ABOVE GROUND ELECTRICAL ROOM

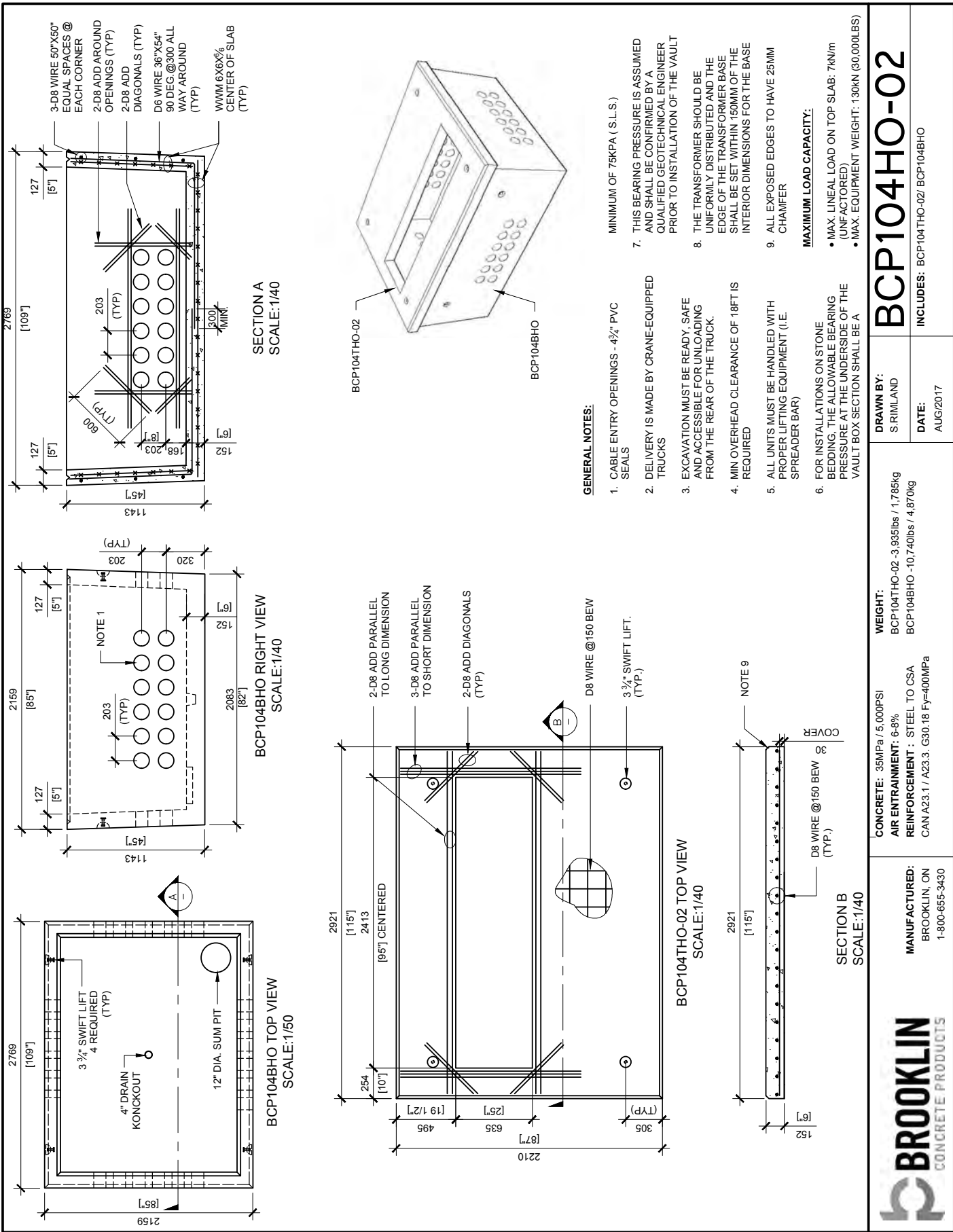


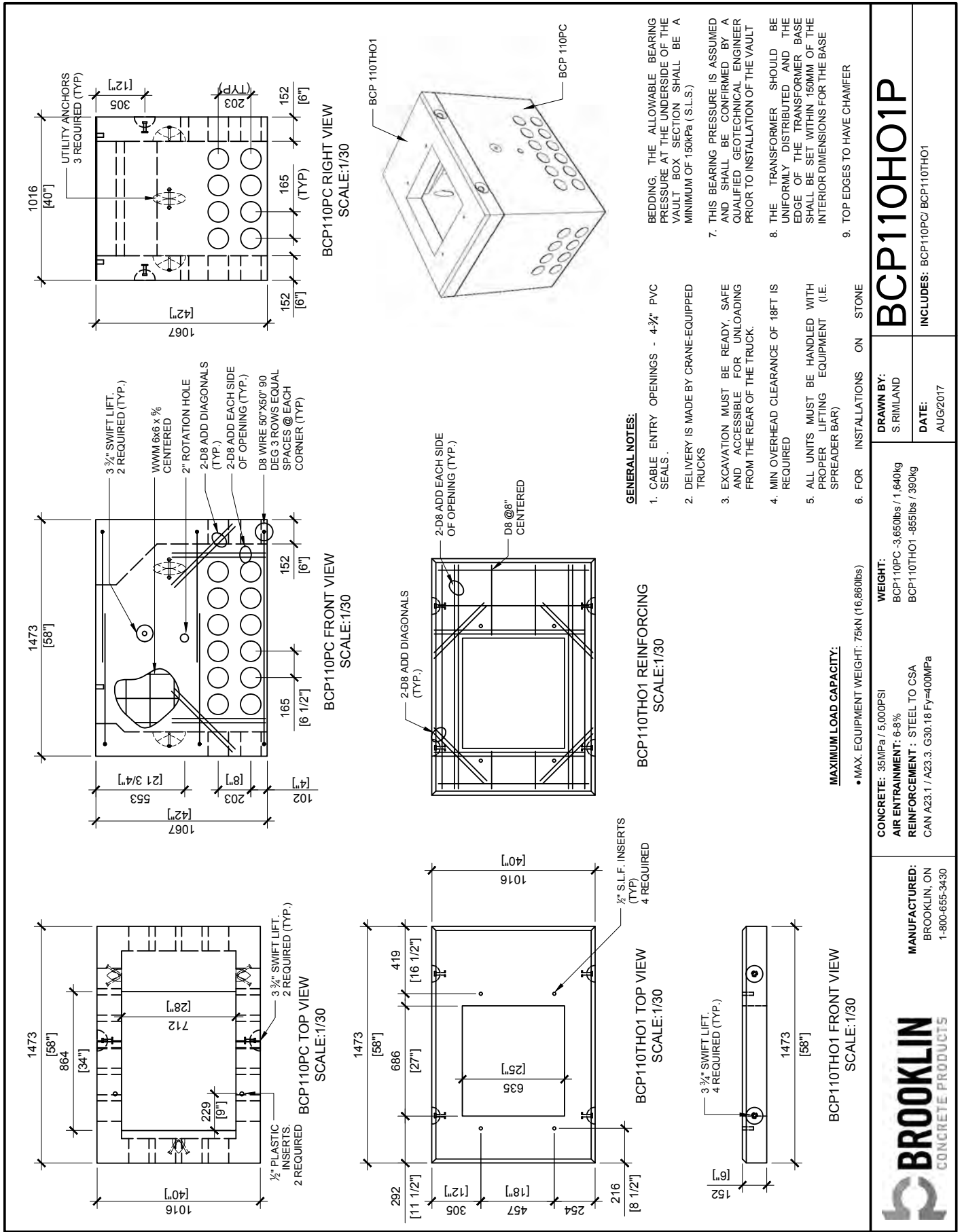


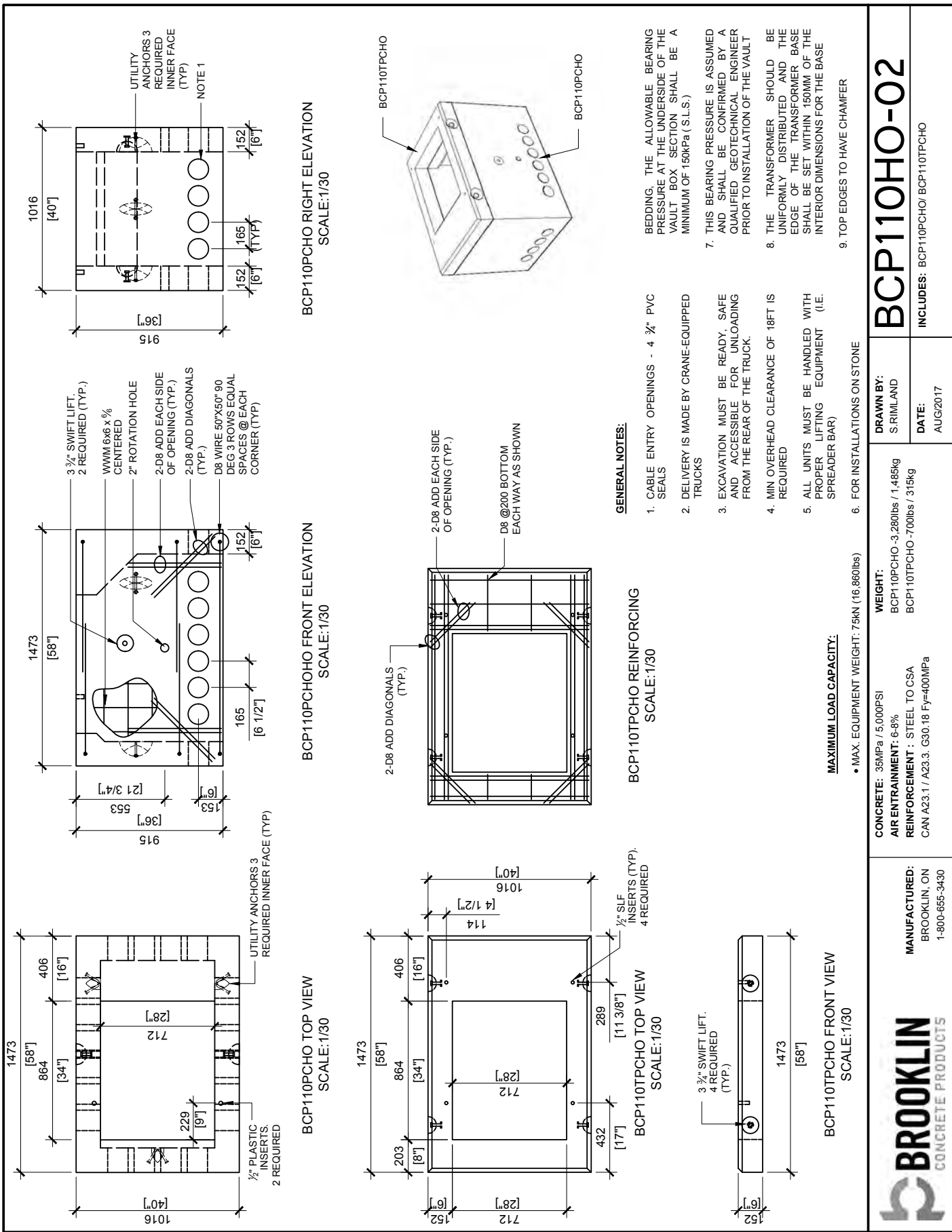
GENERAL NOTES:

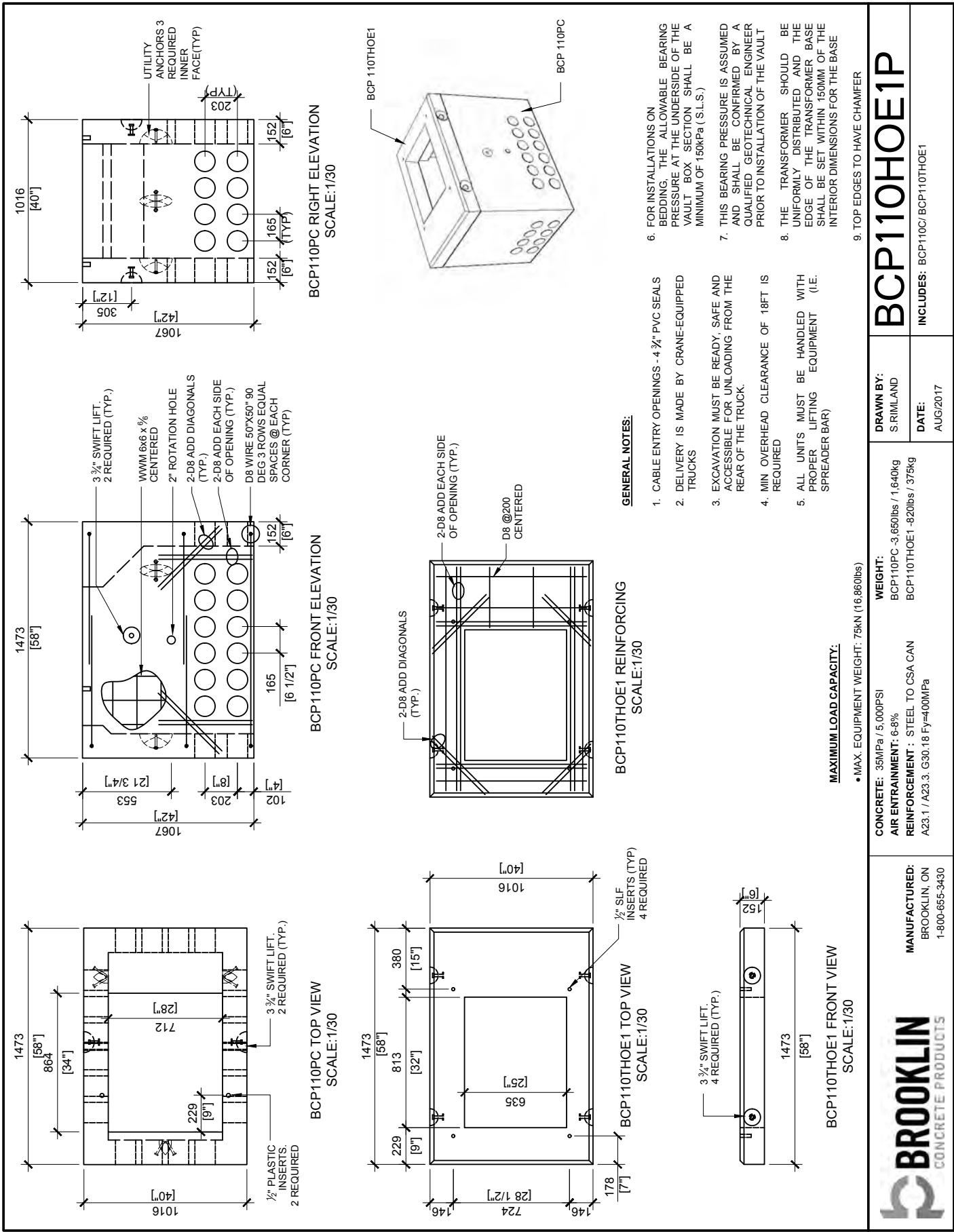
1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
 2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
 3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
 4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
 5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
 6. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A
 7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
 8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE
 9. ALL EXPOSED EDGES TO HAVE 25MM CHAMFER
- MINIMUM OF 75KPA (S.L.S.)**
- MAXIMUM LOAD CAPACITY:**
- MAX. LINEAL LOAD ON TOP SLAB: 7kN/m (UNFACTORED)
 - MAX. EQUIPMENT WEIGHT: 130kN (30,000LBS)

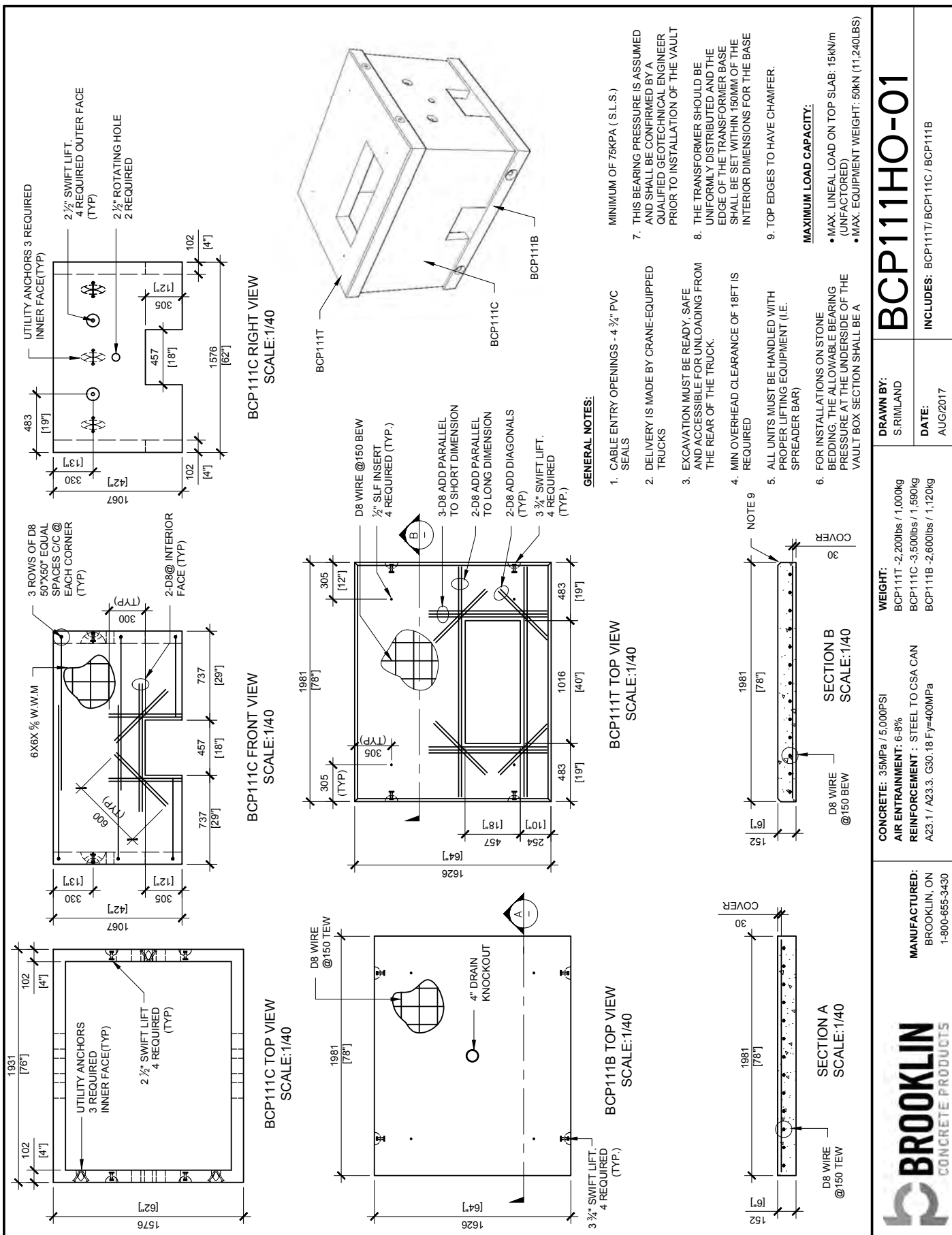
 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6.8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa	WEIGHT: BCP104THO-01 -3,770lbs / 1,710kg BCP104BHO -10,740lbs / 4,870kg	DRAWN BY: S.RIMLAND	BCP104HO-01
				DATE: AUG/2017	

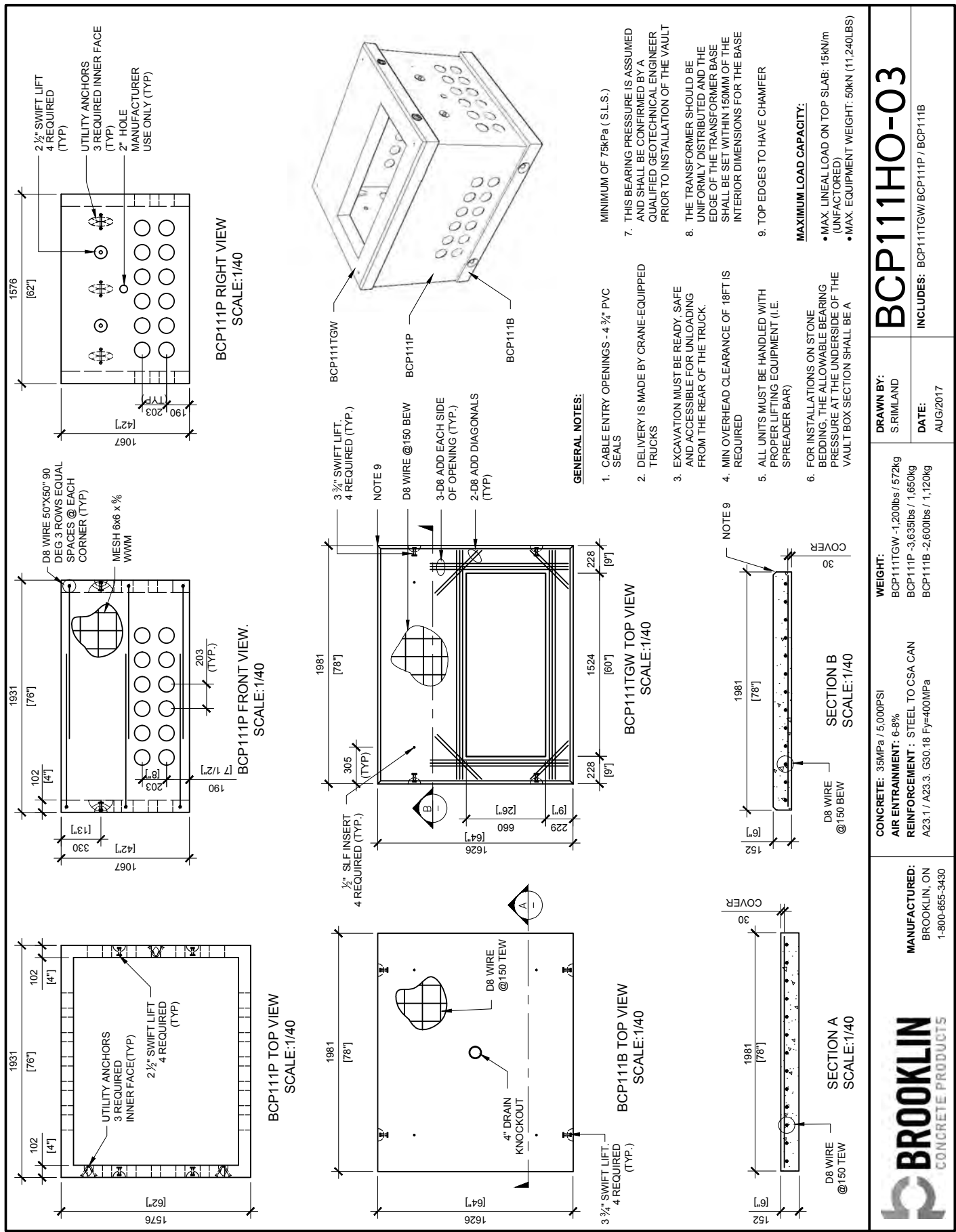


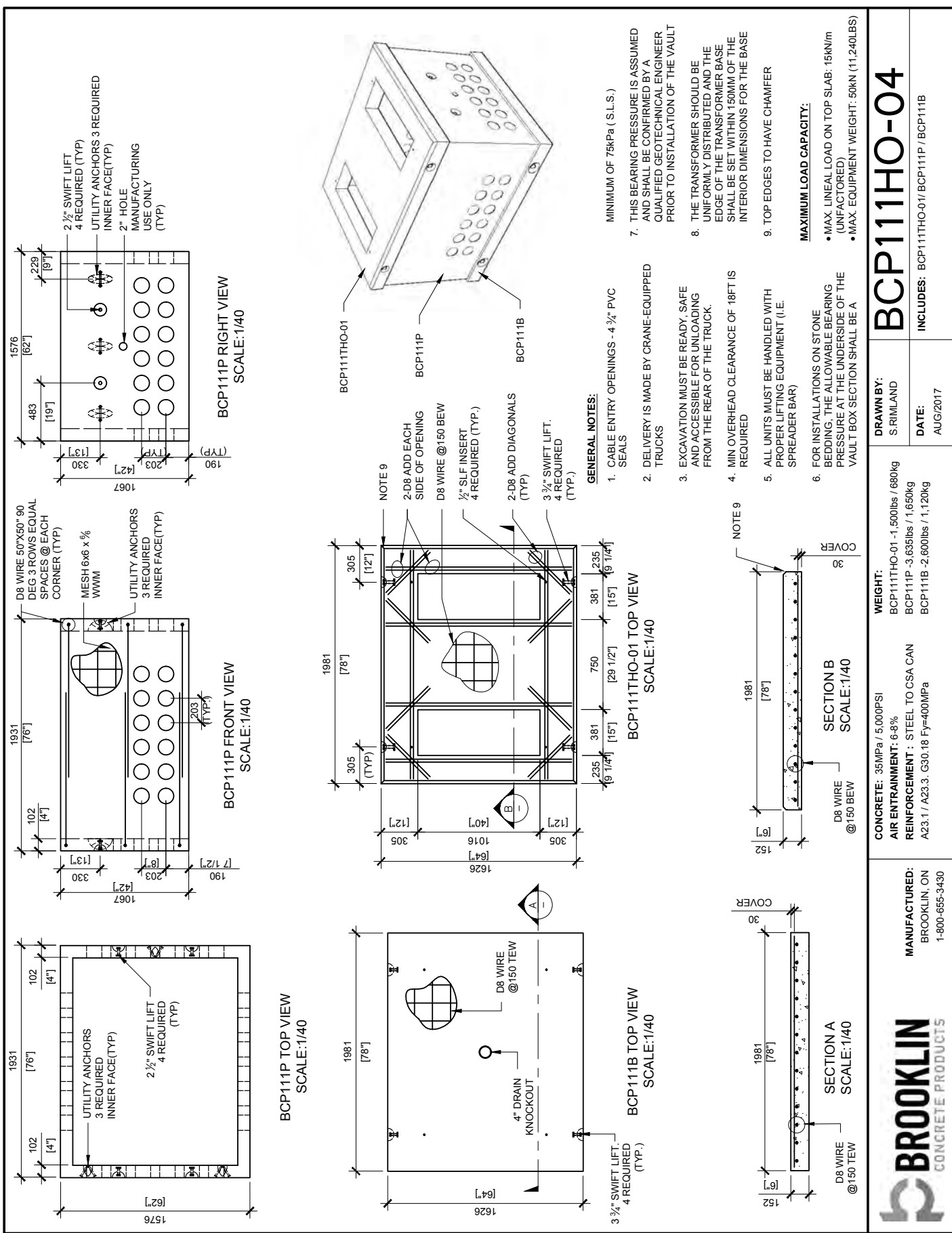


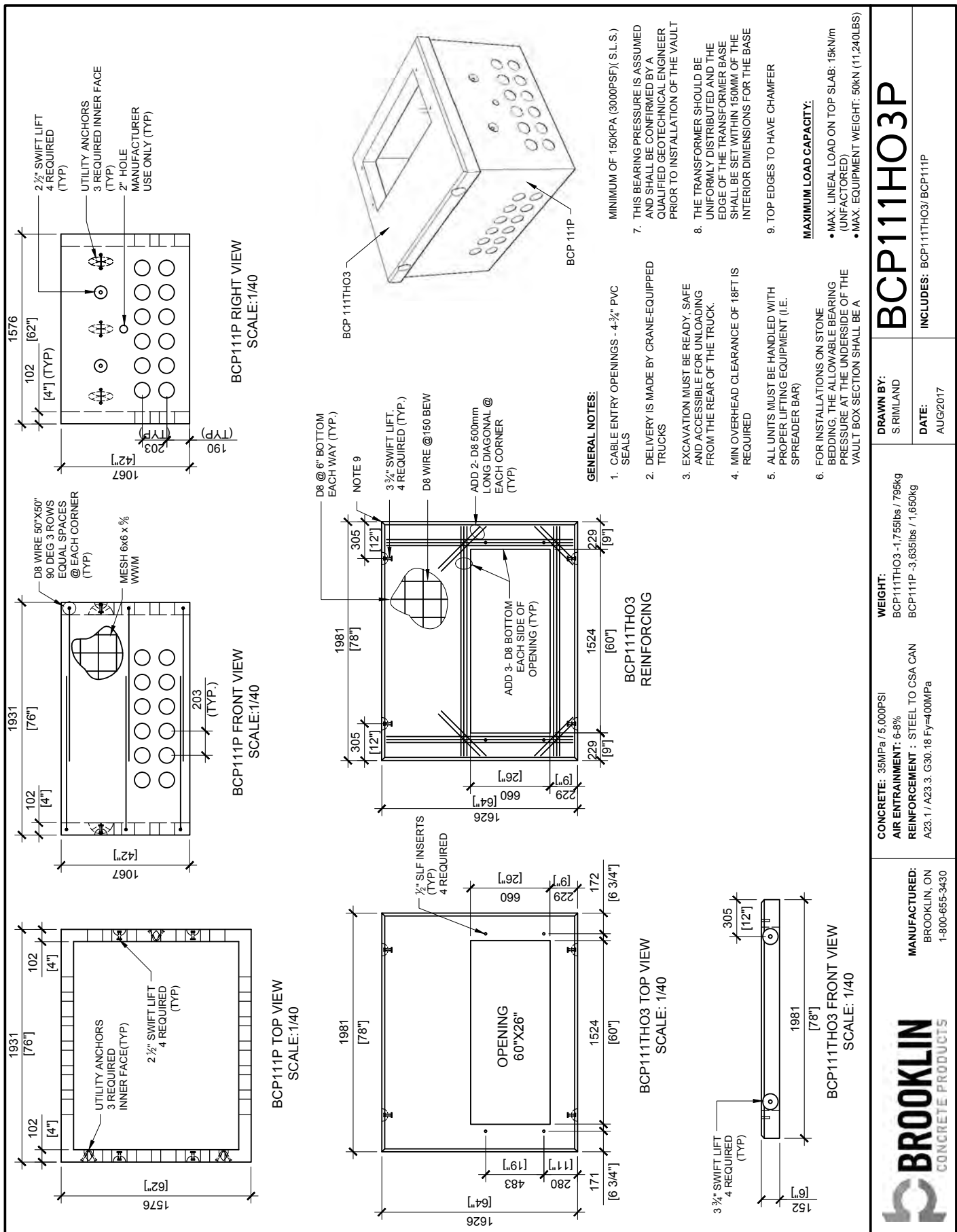


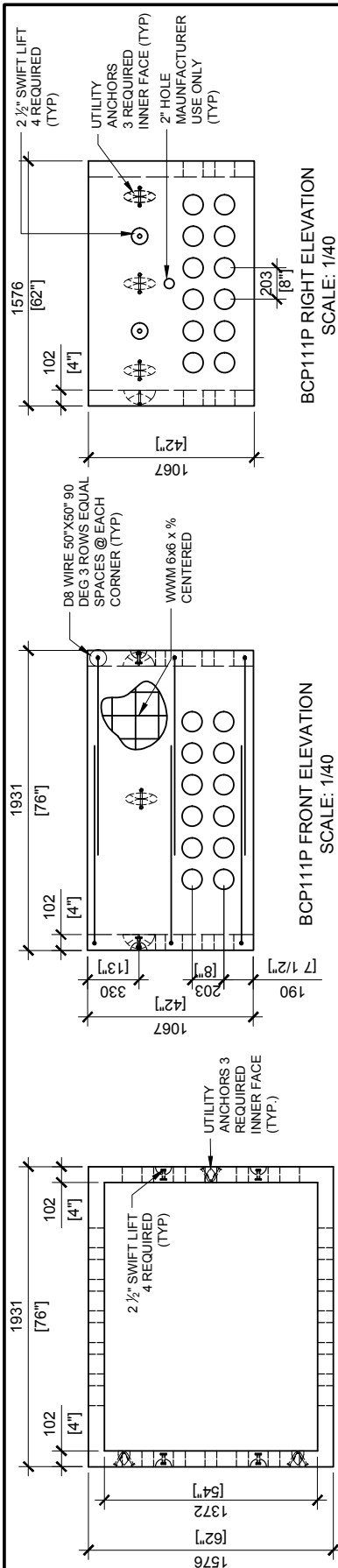








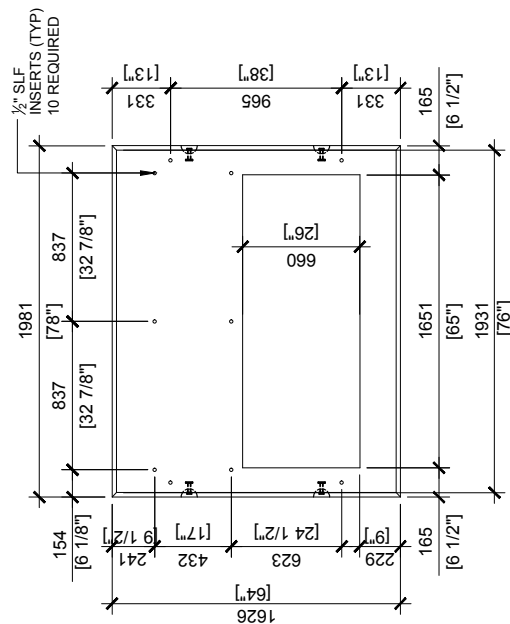




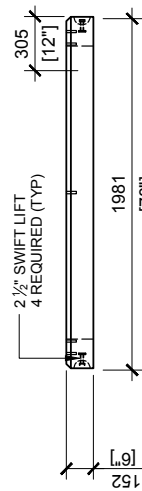
BCP111P TOP VIEW
SCALE: 1/40

BCP111P FRONT ELEVATION
SCALE: 1/40

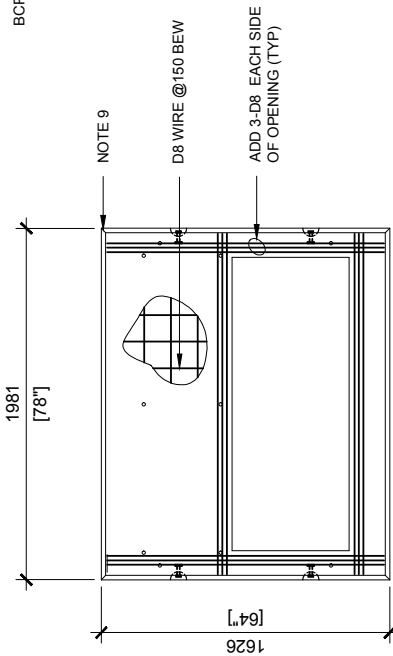
BCP111P RIGHT ELEVATION
SCALE: 1/40



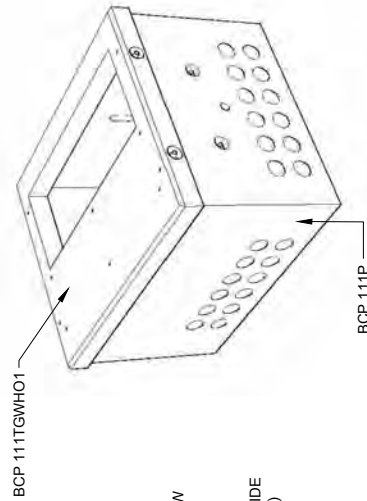
BCP111TGWHO1 TOP VIEW
SCALE: 1/40



BCP111TGWHO1 FRONT VIEW
SCALE: 1/40



BCP111TGWHO1
REINFORCING



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. FOR INSTALLATIONS ON STONE
7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE
9. TOP EDGES TO HAVE 25MM CHAMFER

BEDDING, THE ALLOWABLE BEARING PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 150KPA (3000PSF) (S.L.S.)

MAXIMUM LOAD CAPACITY:

- MAX. LINEAL LOAD ON TOP SLAB: 15kN/m (UNFACTORED)
- MAX. EQUIPMENT WEIGHT: 50kN (11,240LBS)

WEIGHT:

BCP111TGWHO1 - 1,780lbs / 810kg
BCP111P - 3,635lbs / 1,650kg

CONCRETE: 35MPa / 5,000PSI

AIR ENTRAINMENT: 6-8%

REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa

MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

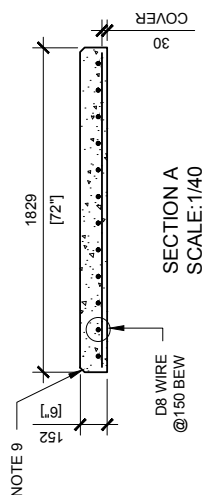
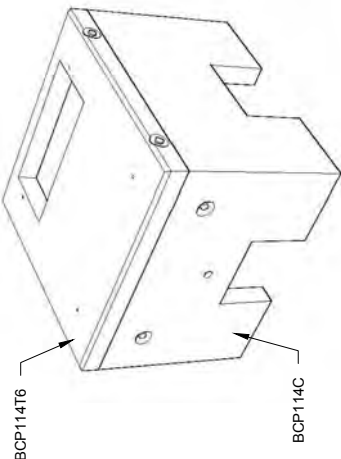
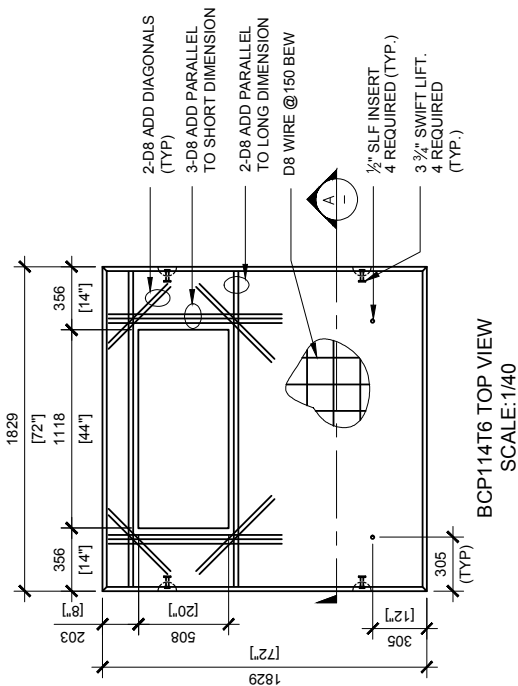
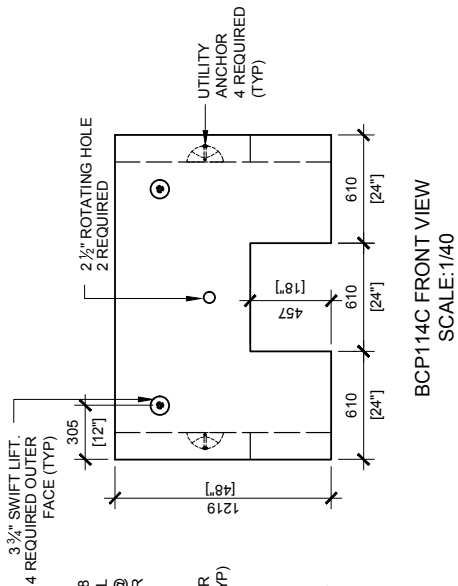
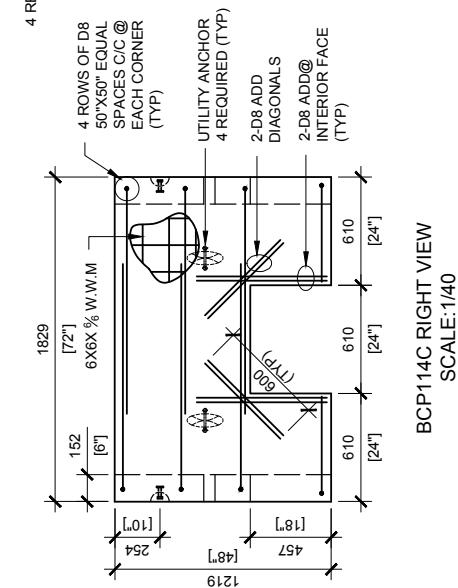
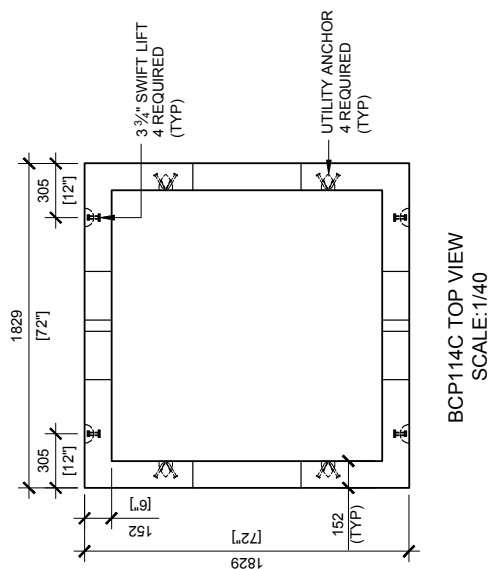


BCP111HO3P4W

DRAWN BY:
S.RIMLAND

DATE:
AUG/2017

INCLUDES: BCP111TGWHO1/BCP111P



GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. FOR INSTALLATIONS ON STONE
7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE
9. TOP EDGES TO HAVE CHAMFER

MAXIMUM LOAD CAPACITY:

- MAX. LINEAL LOAD ON TOP SLAB: 15kN/m (UNFACTORED)
- MAX. EQUIPMENT WEIGHT: 50kN (11,240LBS)



MANUFACTURED:
BROOKLIN, ON
1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa

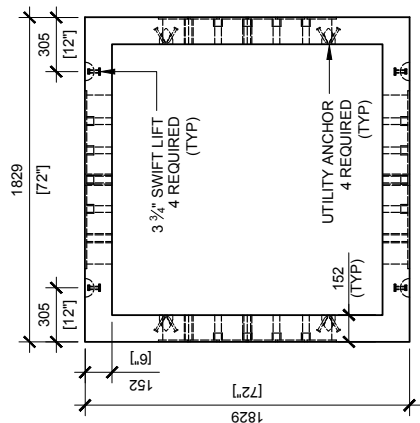
WEIGHT:
BCP114T6 -2,200lbs / 1,000kg
BCP114C -5,650lbs / 2,570kg

DRAWN BY:
S.RIMLAND

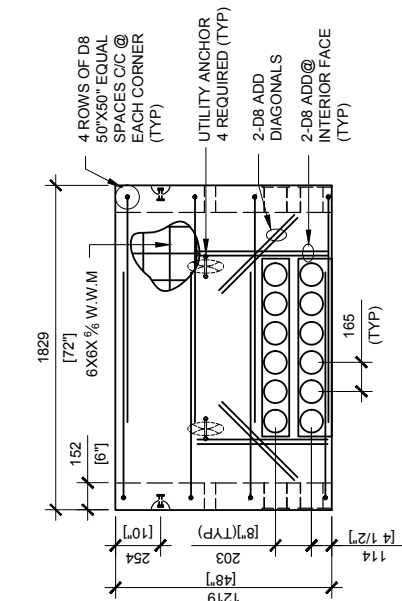
DATE:
AUG/2017

BCP114HO-01

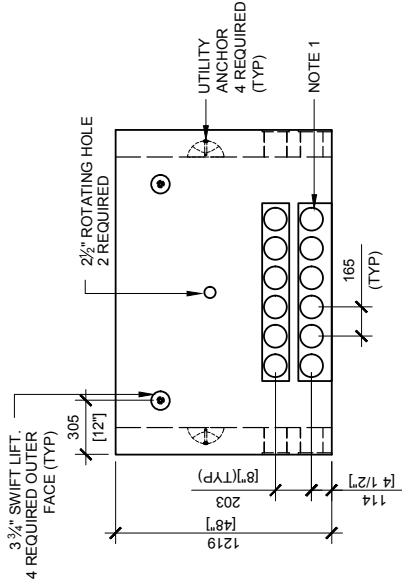
INCLUDES: BCP114T6/BCP114C



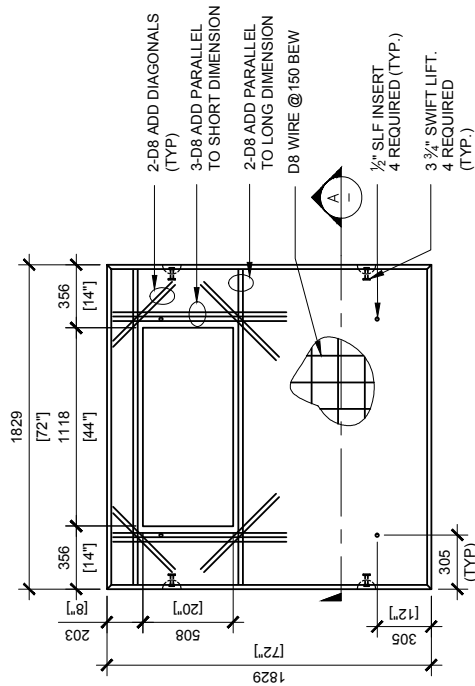
BCP114P TOP VIEW
SCALE:1/40



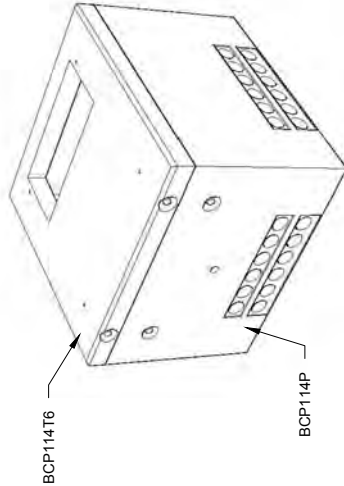
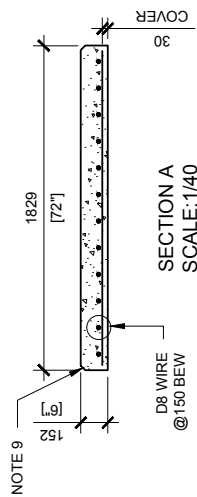
BCP114P RIGHT VIEW
SCALE:1/40



BCP114P FRONT VIEW
SCALE:1/40



BCP114T6 TOP VIEW
SCALE:1/40



GENERAL NOTES:

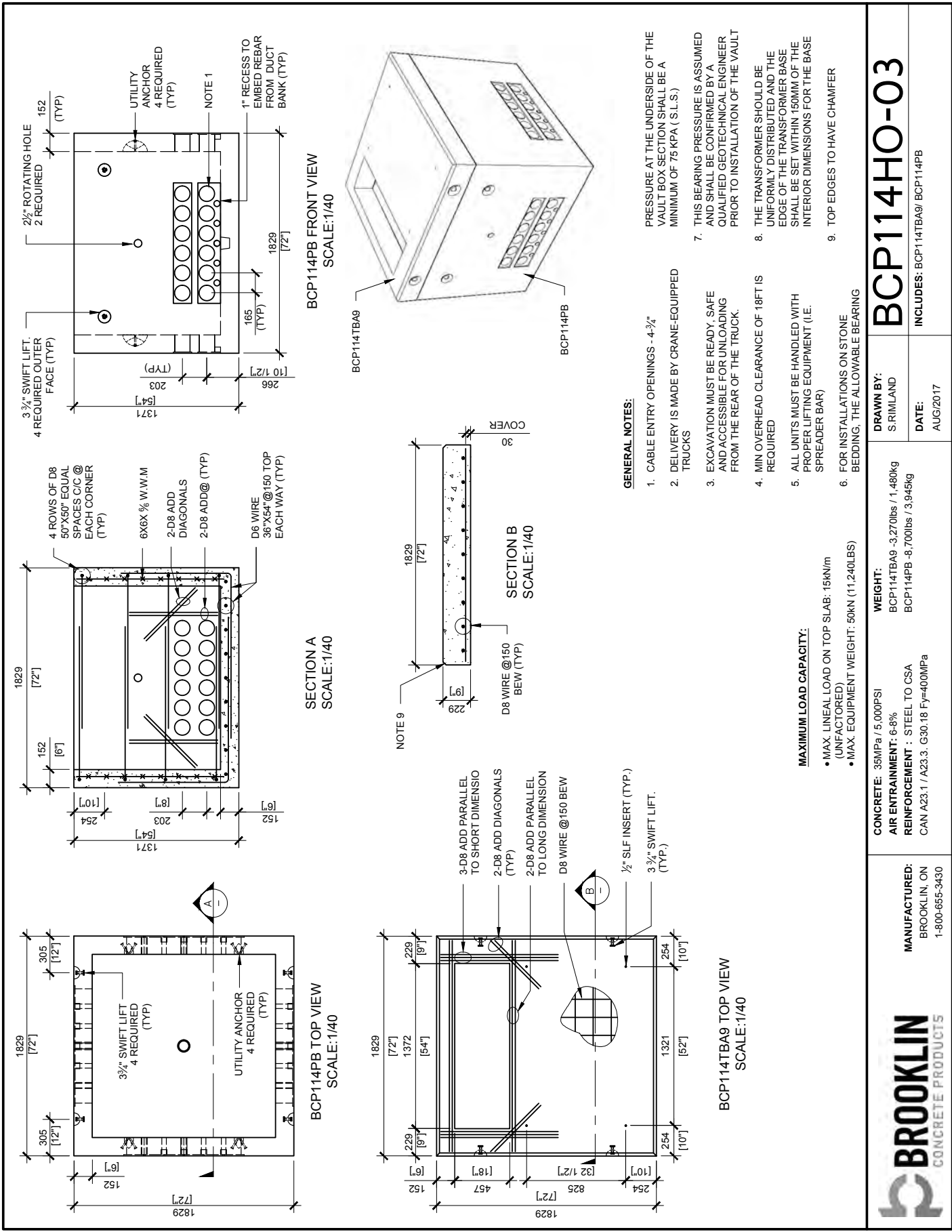
1. CABLE ENTRY OPENINGS - 4 3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. FOR INSTALLATIONS ON STONE
7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE
9. TOP EDGES TO HAVE CHAMFER

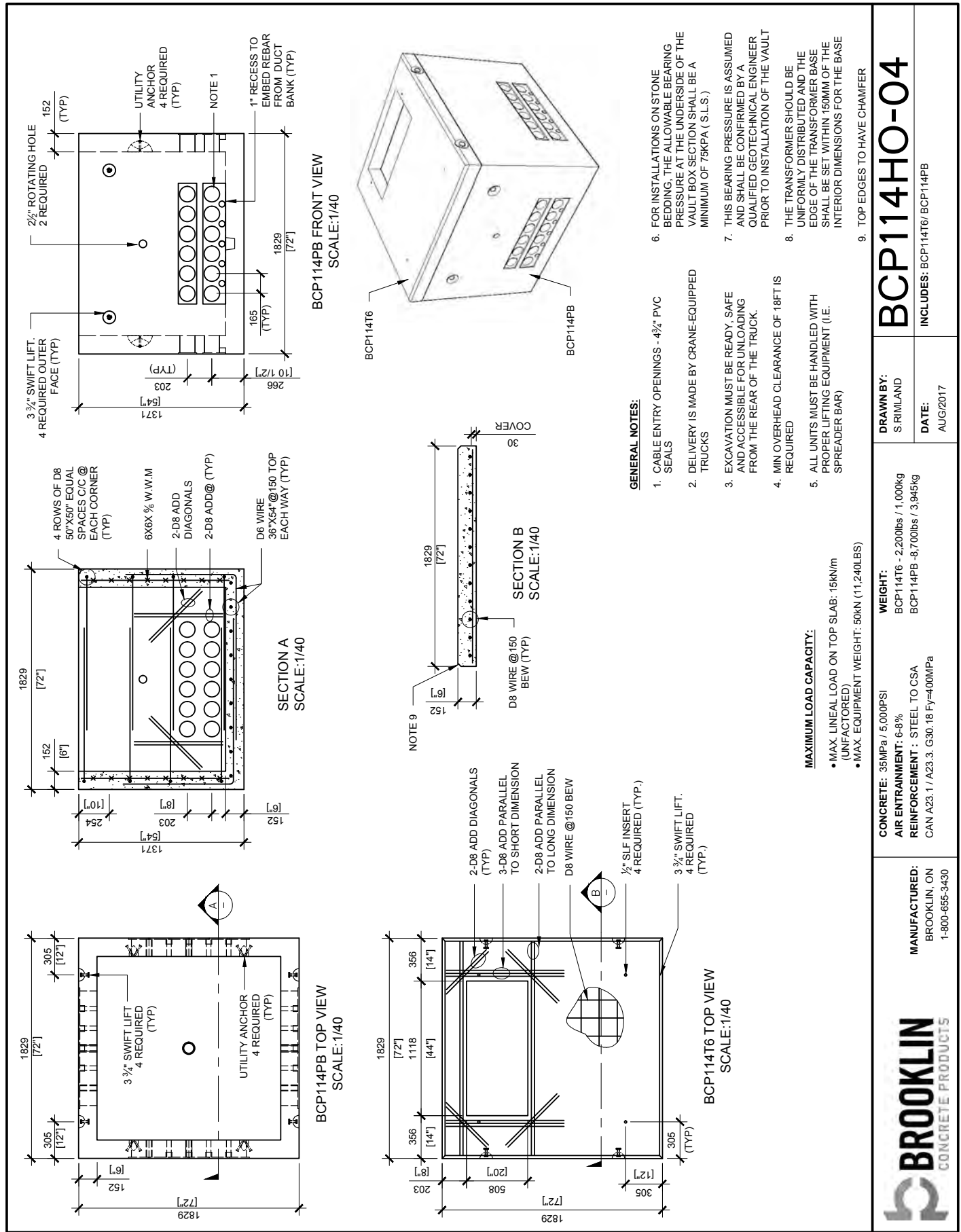
MAXIMUM LOAD CAPACITY:

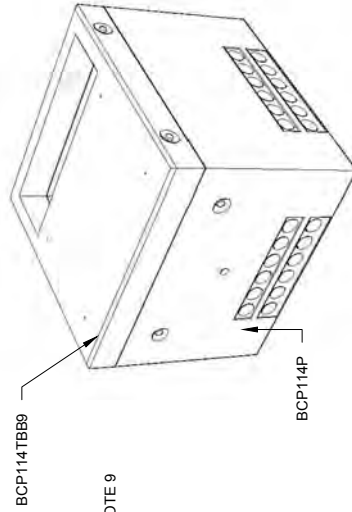
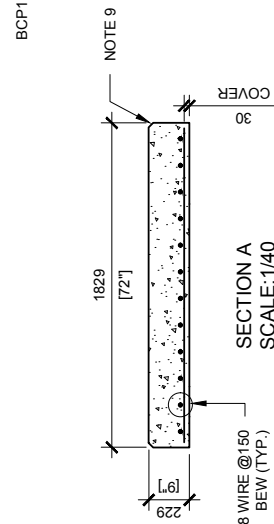
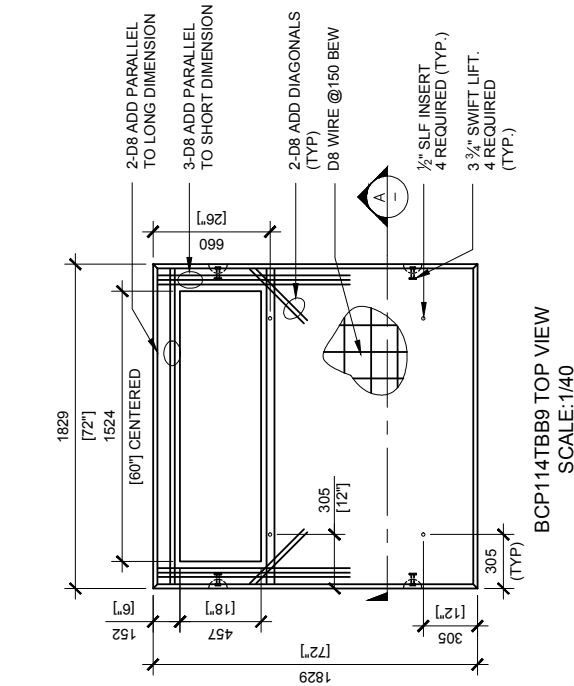
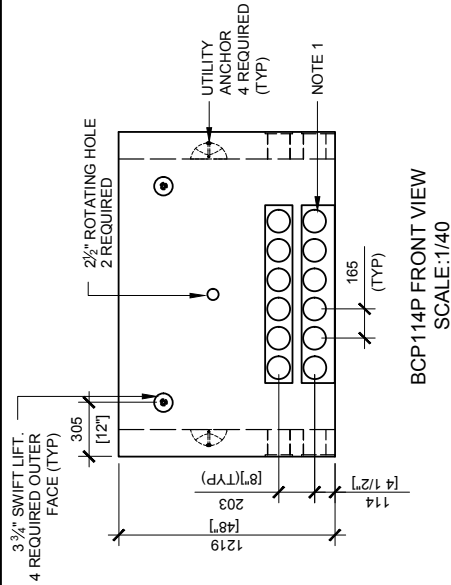
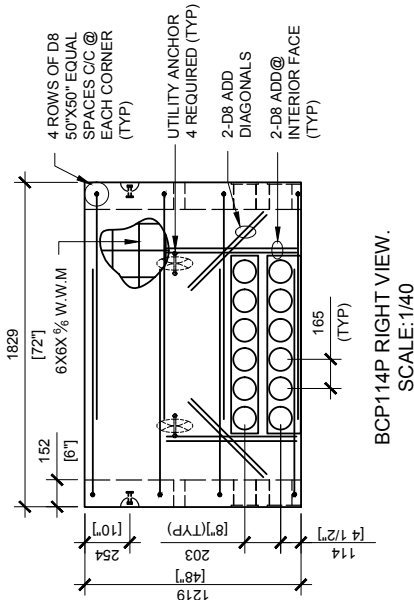
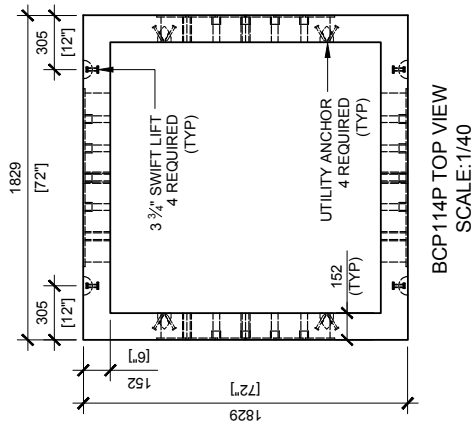
- MAX. LINEAL LOAD ON TOP SLAB: 15kN/m (UNFACTORED)
- MAX. EQUIPMENT WEIGHT: 50kN (11,240LBS)

MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa		DRAWN BY: S. RIMLAND	BCP114HO-02
	WEIGHT: BCP114T6 -2,200lbs / 1,000kg BCP114P -6,780lbs / 2,760kg		DATE: AUG/2017	

INCLUDES: BCP114T6/ BCP114P







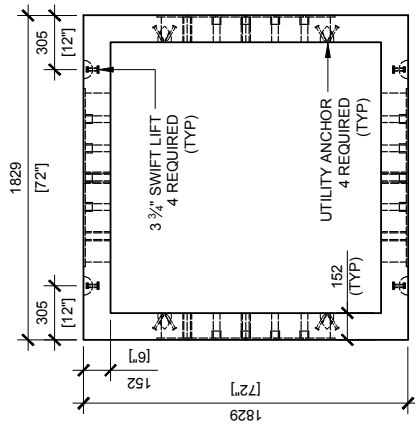
GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4" PVC SEALS
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. FOR INSTALLATIONS ON STONE
7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE
9. TOP EDGES TO HAVE CHAMFER

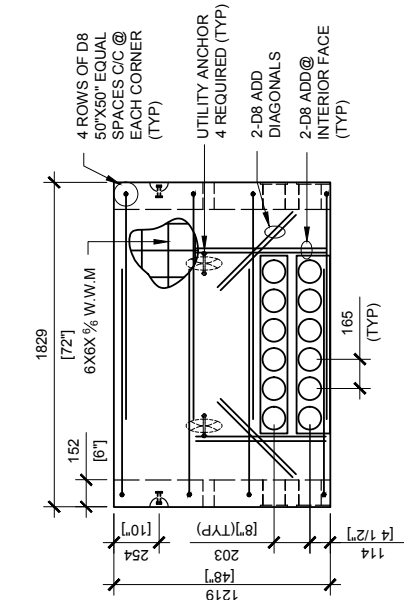
MAXIMUM LOAD CAPACITY:

- MAX. LINEAL LOAD ON TOP SLAB: 15kN/m (UNFACTORED)
- MAX. EQUIPMENT WEIGHT: 50kN (11,240LBS)

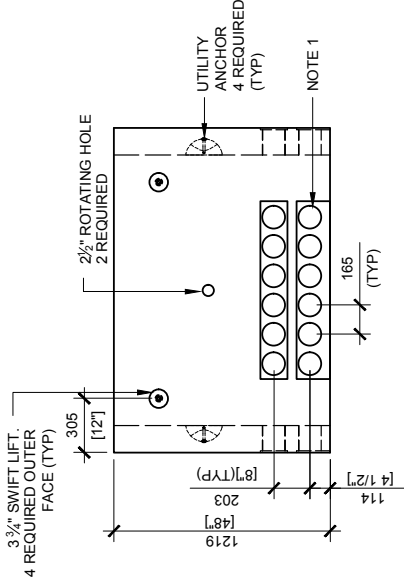
 BROOKLIN CONCRETE PRODUCTS	MANUFACTURED: BROOKLIN, ON 1-800-655-3430	CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT : STEEL TO CSA CAN A23.1 / A23.3, G30.18 Fy=400MPa	WEIGHT: BCP114TB89 - 3,185lbs / 1,445kg BCP114P - 6,780lbs / 2,760kg	DRAWN BY: S.RIMLAND	BCP114HO-05
				DATE: AUG/2017	
				INCLUDES: BCP114TB89/ BCP114P	



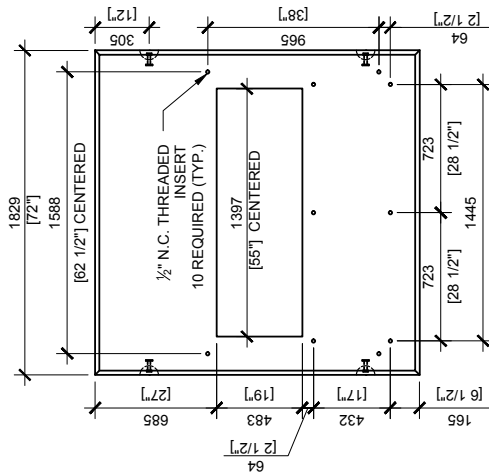
BCP114P TOP VIEW
SCALE: 1/40



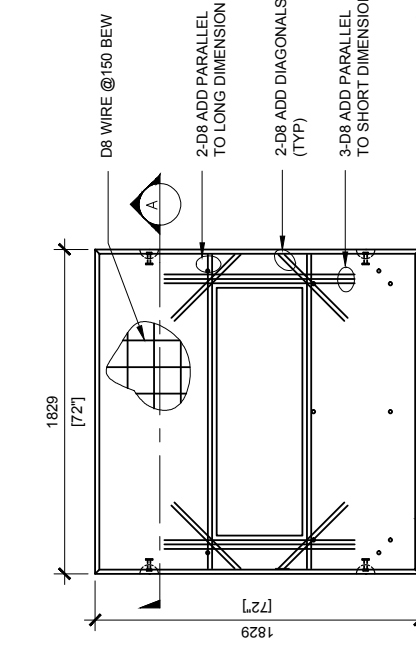
BCP114P RIGHT VIEW
SCALE: 1/40



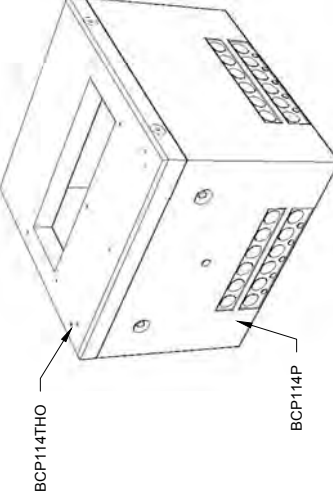
BCP114P FRONT VIEW
SCALE: 1/40



BCP114THO TOP VIEW
SCALE: 1/40



BCP114THO REINFORCING



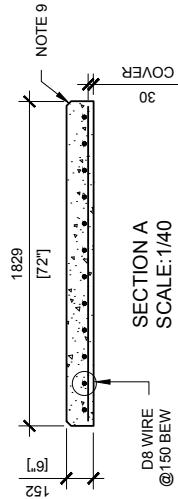
GENERAL NOTES:

1. CABLE ENTRY OPENINGS - 4-3/4"
2. DELIVERY IS MADE BY CRANE-EQUIPPED TRUCKS
3. EXCAVATION MUST BE READY, SAFE AND ACCESSIBLE FOR UNLOADING FROM THE REAR OF THE TRUCK.
4. MIN OVERHEAD CLEARANCE OF 18FT IS REQUIRED
5. ALL UNITS MUST BE HANDLED WITH PROPER LIFTING EQUIPMENT (I.E. SPREADER BAR)
6. FOR INSTALLATIONS ON STONE BEDDING, THE ALLOWABLE BEARING
7. THIS BEARING PRESSURE IS ASSUMED AND SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF THE VAULT
8. THE TRANSFORMER SHOULD BE UNIFORMLY DISTRIBUTED AND THE EDGE OF THE TRANSFORMER BASE SHALL BE SET WITHIN 150MM OF THE INTERIOR DIMENSIONS FOR THE BASE
9. TOP EDGES TO HAVE CHAMFER

PRESSURE AT THE UNDERSIDE OF THE VAULT BOX SECTION SHALL BE A MINIMUM OF 75KPA (S.L.S.)

MAXIMUM LOAD CAPACITY:

- MAX. LINEAL LOAD ON TOP SLAB: 15kN/m (UNFACTORED)
- MAX. EQUIPMENT WEIGHT: 50kN (11,240LBS)



SECTION A
SCALE: 1/40



MANUFACTURED BY:
BROOKLIN, ON
1-800-655-3430

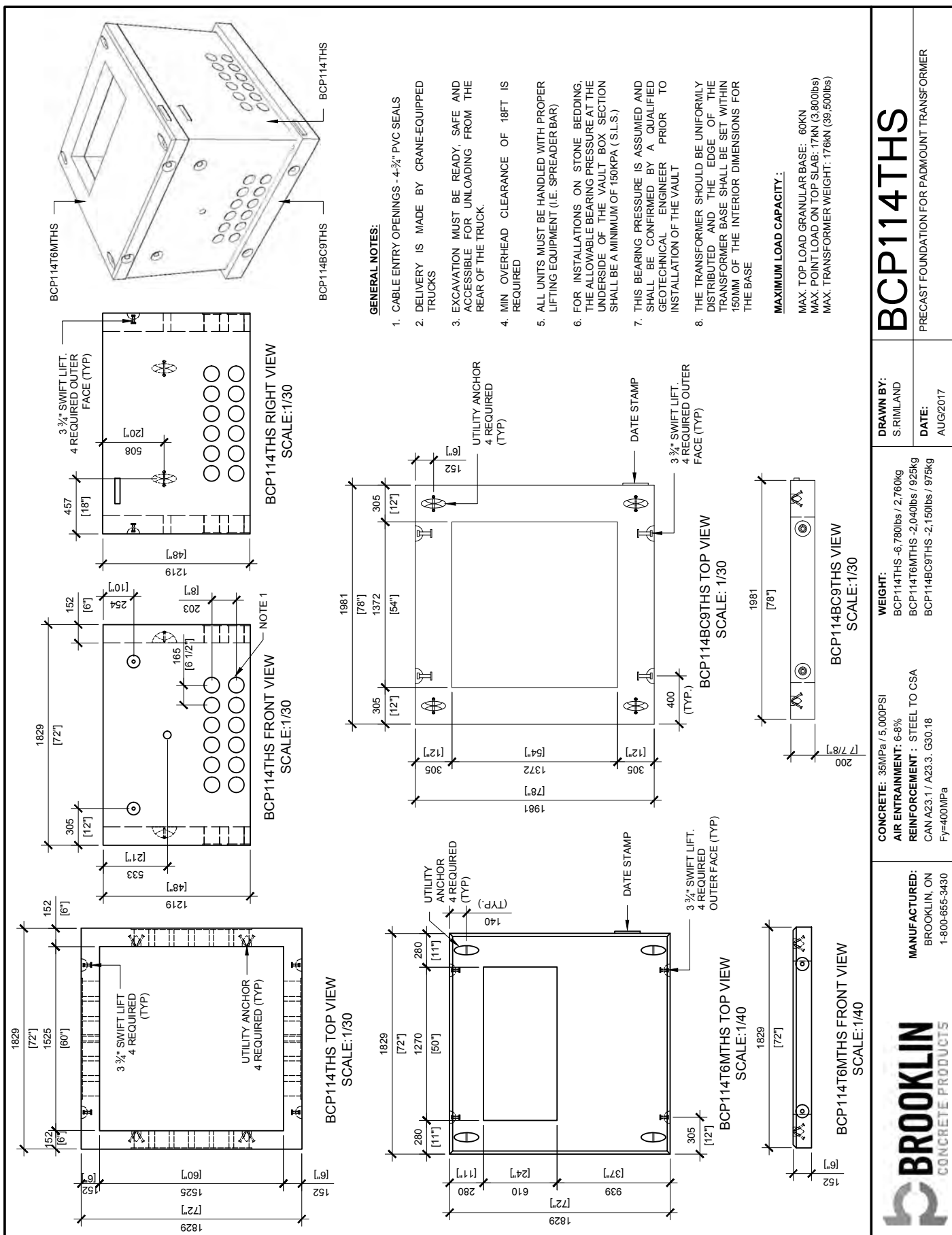
CONCRETE: 35MPa / 5000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT: STEEL TO CSA CAN
A23.1 / A23.3. G30.18 Fy=400MPa

WEIGHT:
BCP114THO - 2,150lbs / 975kg
BCP114P - 6,790lbs / 2,760kg

DRAWN BY:
S. RIVLAND
DATE:
AUG/2017

BCP114HO3P3W

INCLUDES: BCP114THO/ BCP114P



MANUFACTURED:
 BROOKLIN, ON
 1-800-655-3430

CONCRETE: 35MPa / 5,000PSI
AIR ENTRAINMENT: 6-8%
REINFORCEMENT : STEEL TO CSA
 CAN A23.1 / A23.3 G30.18
 Fy=400MPa

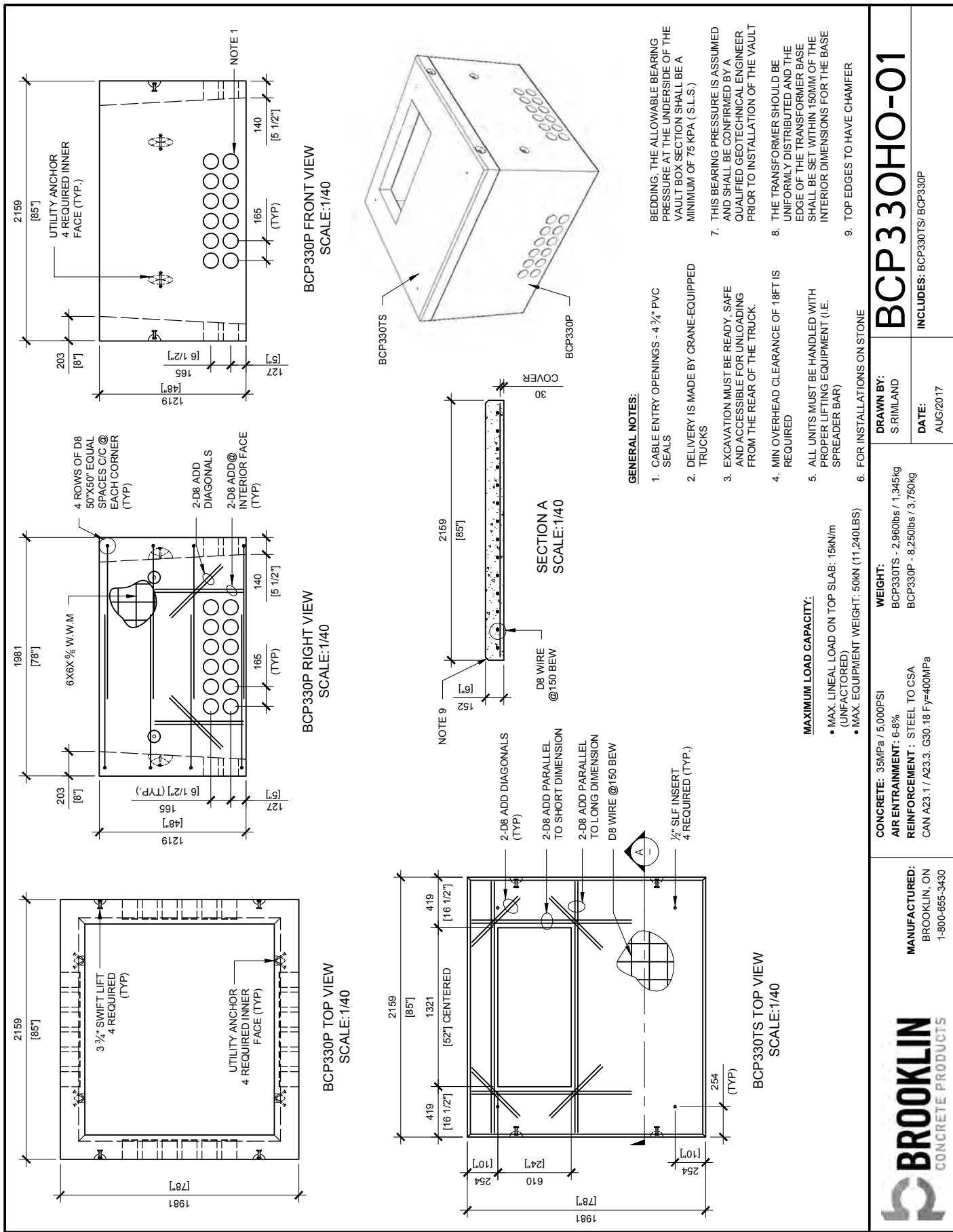
WEIGHT:
 BCP114THS - 6,780lbs / 2,760kg
 BCP114T6MTHS - 2,040lbs / 925kg
 BCP114BC9THS - 2,150lbs / 975kg

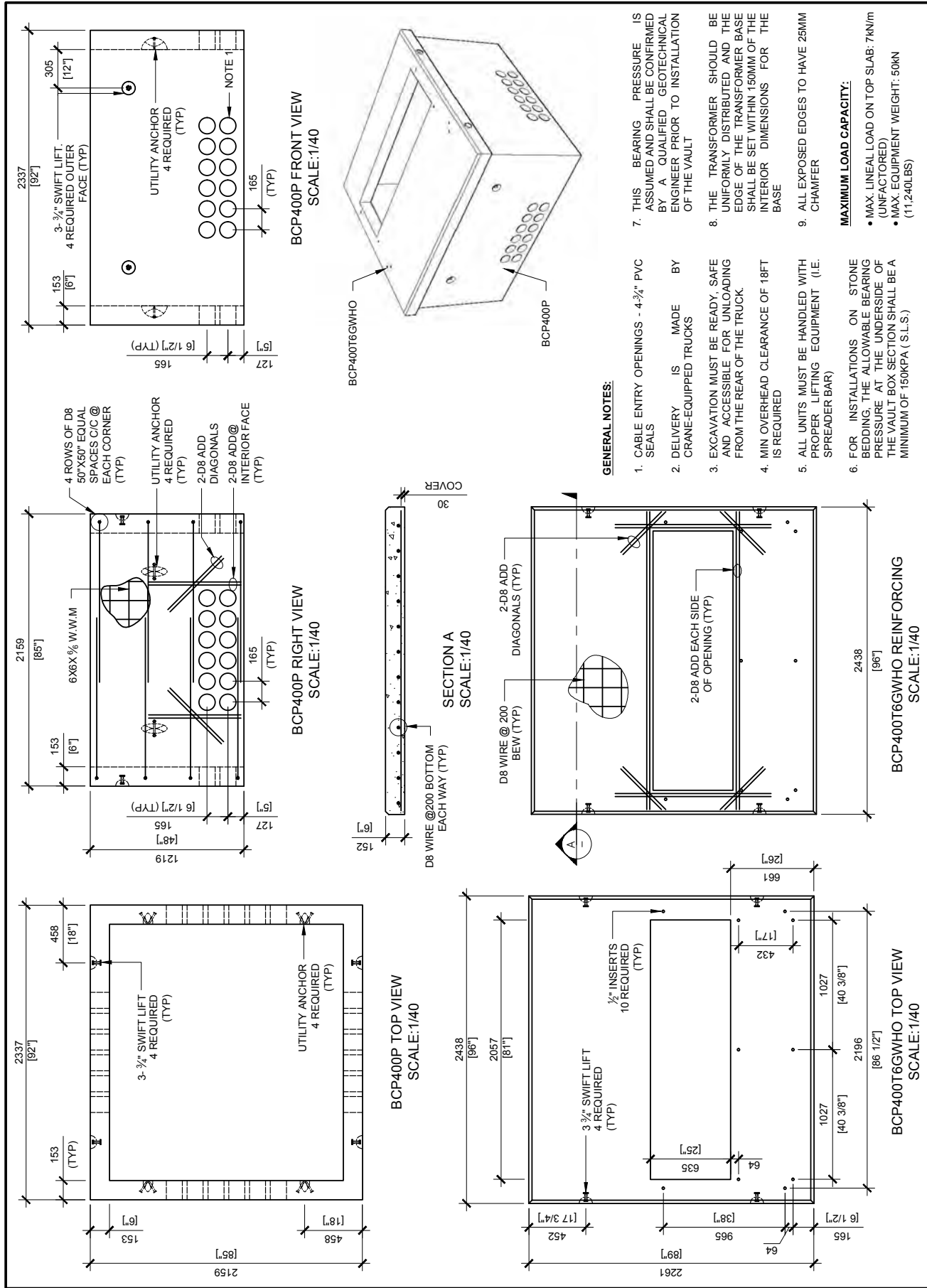
DRAWN BY:
 S.RIMLAND

DATE:
 AUG/2017

BCP114THS

PRECAST FOUNDATION FOR PADMOUNT TRANSFORMER





BROOKLIN CONCRETE PRODUCTS		BCP400T6GWHO3P5W	
MANUFACTURED: BROOKLIN, ON 1-800-655-3430		DRAWN BY: S. RIMLAND	INCLUDES: BCP400T6GWHO / BCP400P
CONCRETE: 35MPa / 5,000PSI AIR ENTRAINMENT: 6-8% REINFORCEMENT: STEEL TO CSA CAN A23.1 / A23.3. G30.18 Fy=400MPa		WEIGHT: BCP400T6GWHO - 3,300lbs / 1,500kg BCP400P - 7,700lbs / 3,500kg	
DATE: AUG/2017			



WARRANTY & RETURN EXCHANGE POLICIES

BROOKLIN OFFICE

brooklinsales@brooklin.com

T: 905-655-3311 | 1-800-655-3430
F: 905-655-3847

NEWMARKET OFFICE

newmarketsales@brooklin.com

T: 905-895-2327 | 1-888-407-6443
F: 905-898-3264

HUNTSVILLE / HALIBURTON OFFICE

huntsvillesales@brooklin.com

T: 705-789-2338 | 1-800-264-3302
F: 705-789-9829

Warranty Policy

Brooklin Concrete Products warrants its product to be free of defects in material and workmanship, insofar as such products are of its own manufacture and are installed and used in accordance with our recommendations and/or installation guidelines. This warranty shall be in effect for a period of one year from the day of shipment.

This limited warranty covers the repair or replacement, as Brooklin Concrete Products may elect, of defective products regarding which, upon discovery of the defect, the purchaser has given immediate written notice.

This warranty does not apply to any product that has been subjected to abuse or misuse, or to a product that has been altered or modified by others in any way so as, in our judgment, to affect its dependability. Brooklin Concrete Product's liability shall be limited to the repair or replacement of its product, the cost of which shall not exceed the original purchase price of the product.

Special Order Policy

It is Brooklin Concrete Product's policy to request a deposit on specially manufactured products that are produced or modified to meet the unique requirements of a specific project.

A minimum deposit of 50% must be received before production of the special order will begin.

This policy has been implemented to ensure the monetary involvement of a purchaser ordering a tailor-made product is no reflection on a customer's credit worthiness.

Special order products cannot be returned for refund.



BROOKLIN OFFICE
brooklinsales@brooklin.com

T: 905-655-3311 | 1-800-655-3430
F: 905-655-3847

NEWMARKET OFFICE
newmarketsales@brooklin.com

T: 905-895-2327 | 1-888-407-6443
F: 905-898-3264

HUNTSVILLE /HALIBURTON OFFICE
huntsvillesales@brooklin.com

T: 705-789-2338 | 1-800-264-3302
F: 705-789-9829

WWW.BROOKLIN.COM