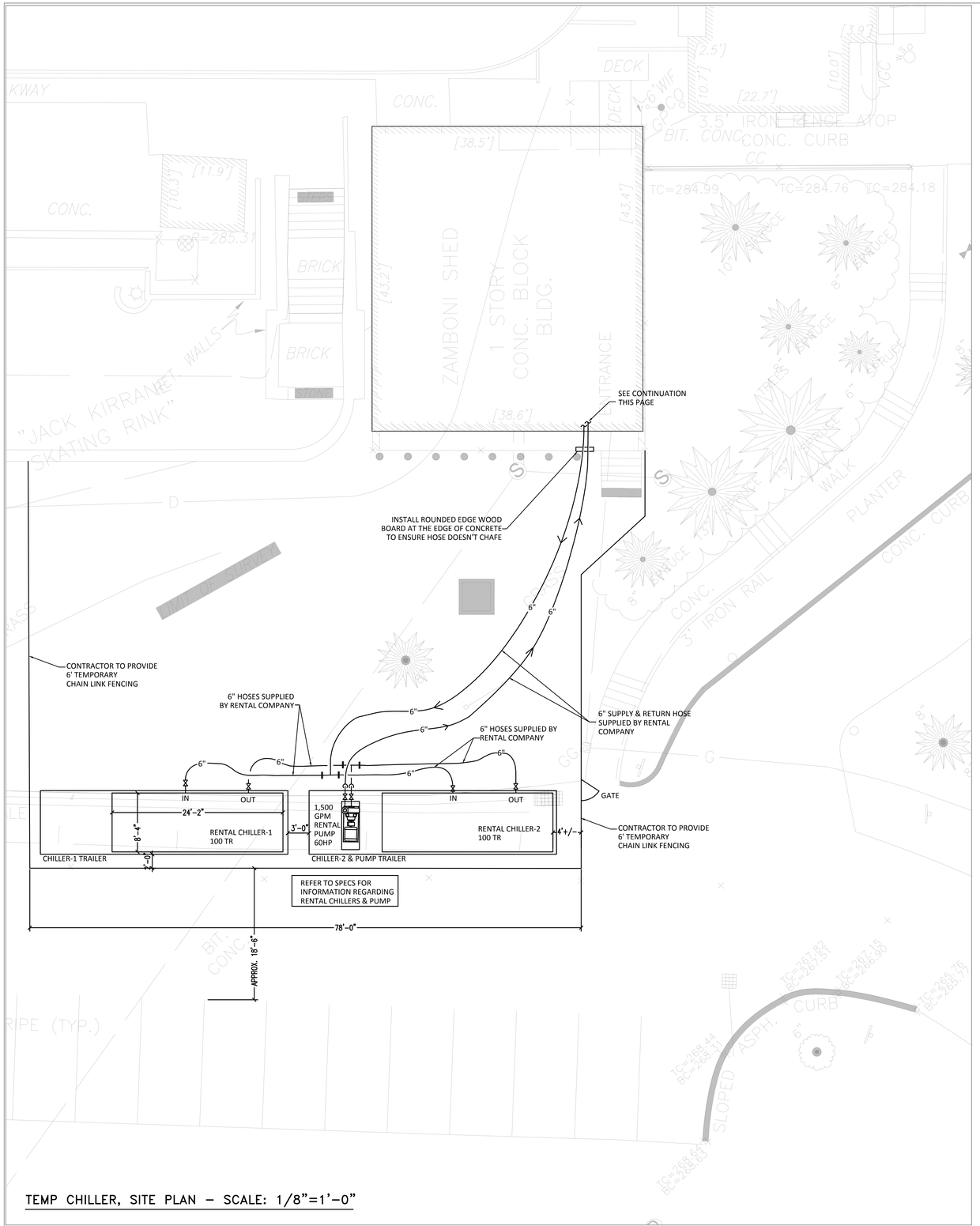
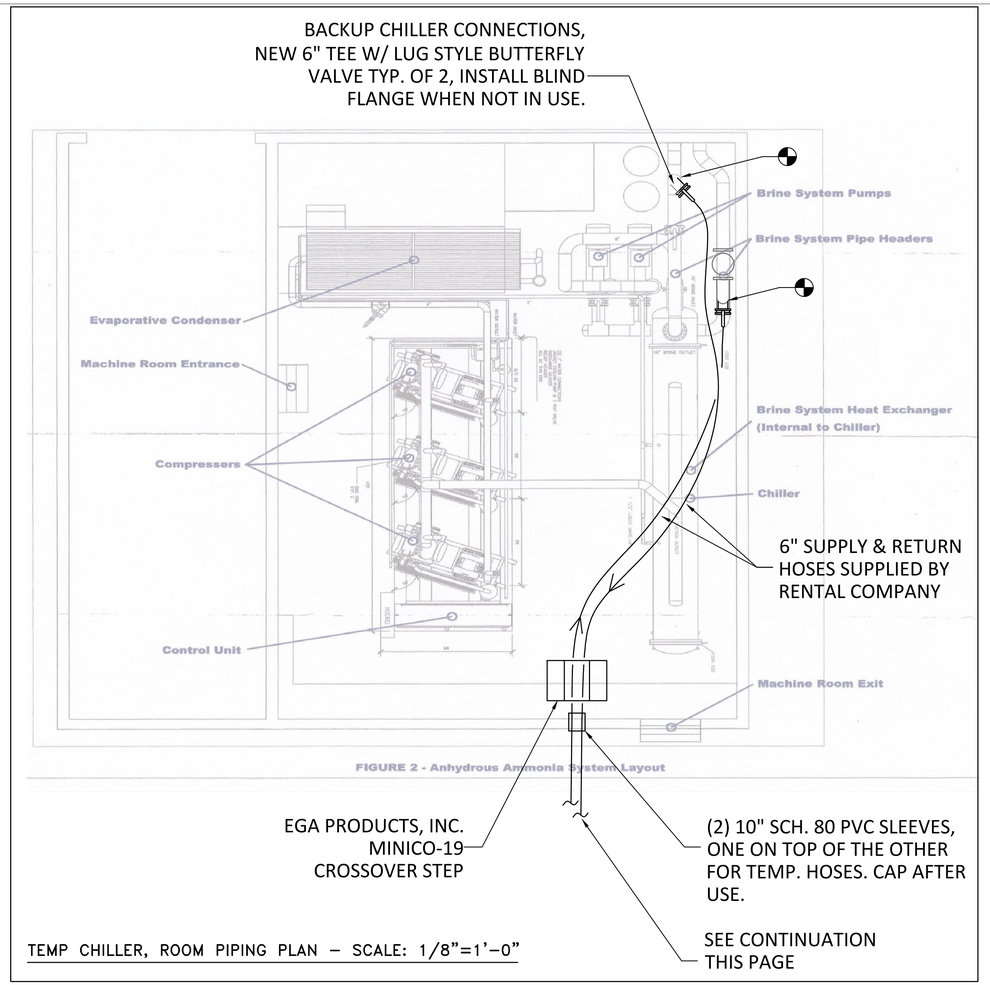
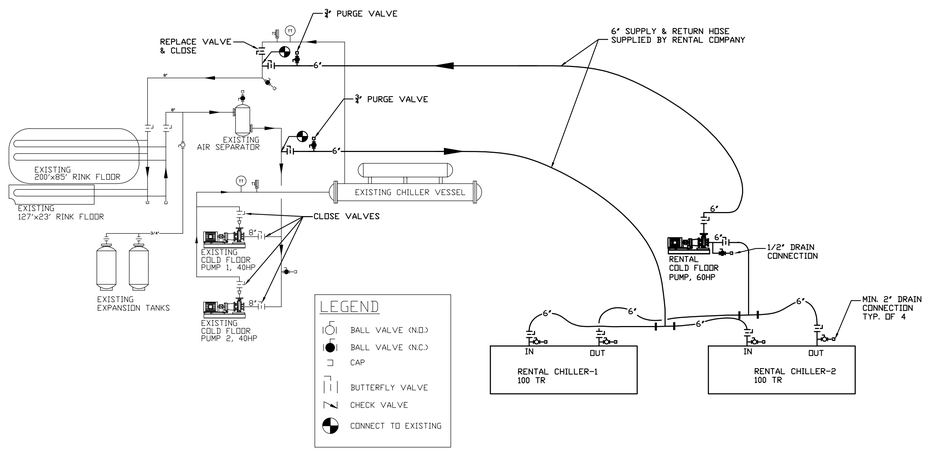



TEMP CHILLER, SITE PLAN – SCALE: 1/8"=1'-0"




TEMP CHILLER, ROOM PIPING PLAN – SCALE: 1/8"=1'-0"




TEMP CHILLER PIPING DIAGRAM – SCALE: NONE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revisions:

project: Larz Anderson Park Jack Kirrane Ice Rink
BROOKLINE, MASSACHUSETTS

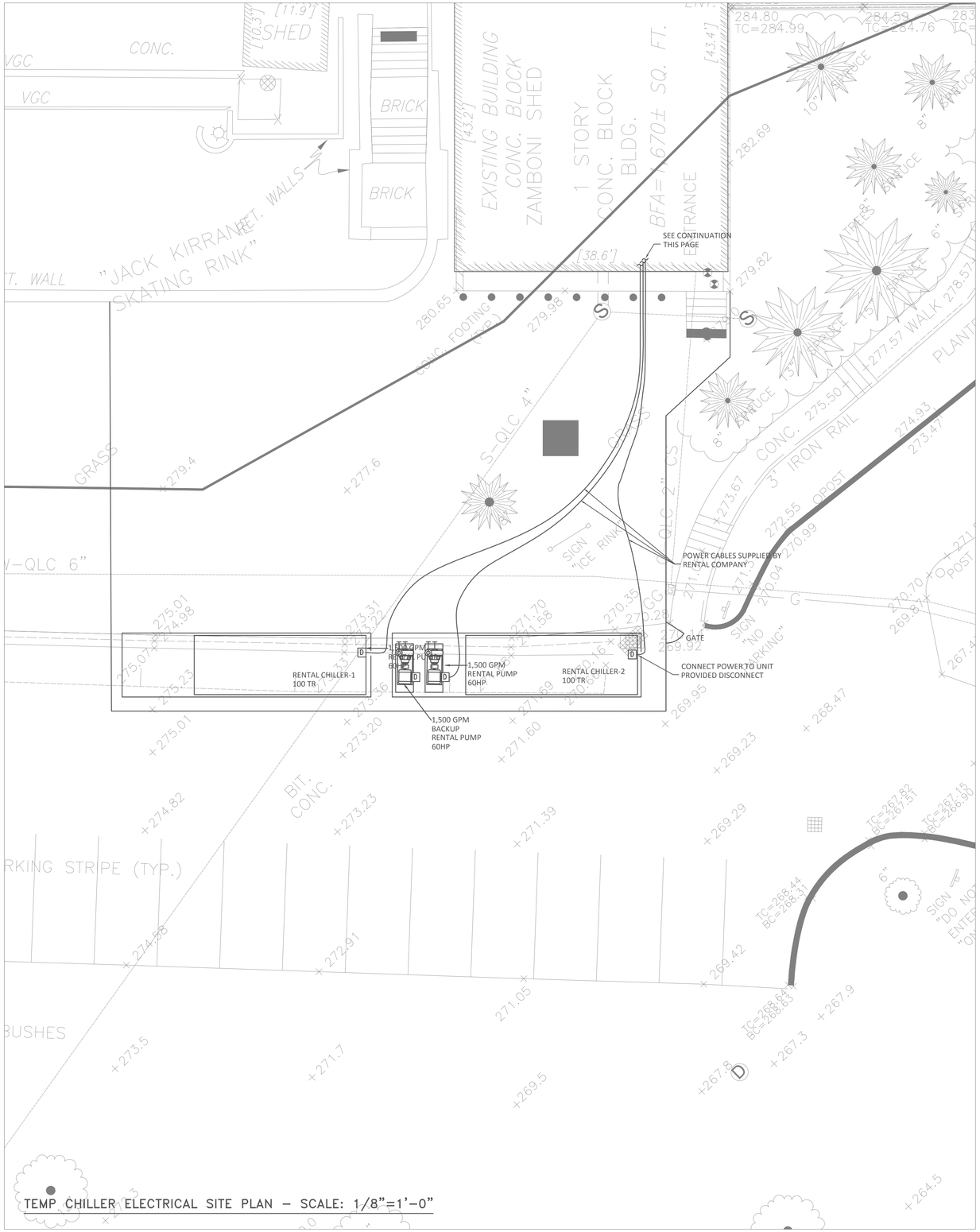
drawing title: RINK TEMPORARY CHILLER REFRIGERATION PLAN

drawn: | scale: 1/8"=1'-0" | date: OCTOBER 5, 2020

stamp

R-1

dwg no:




TEMP CHILLER ELECTRICAL SITE PLAN – SCALE: 1/8"=1'-0"

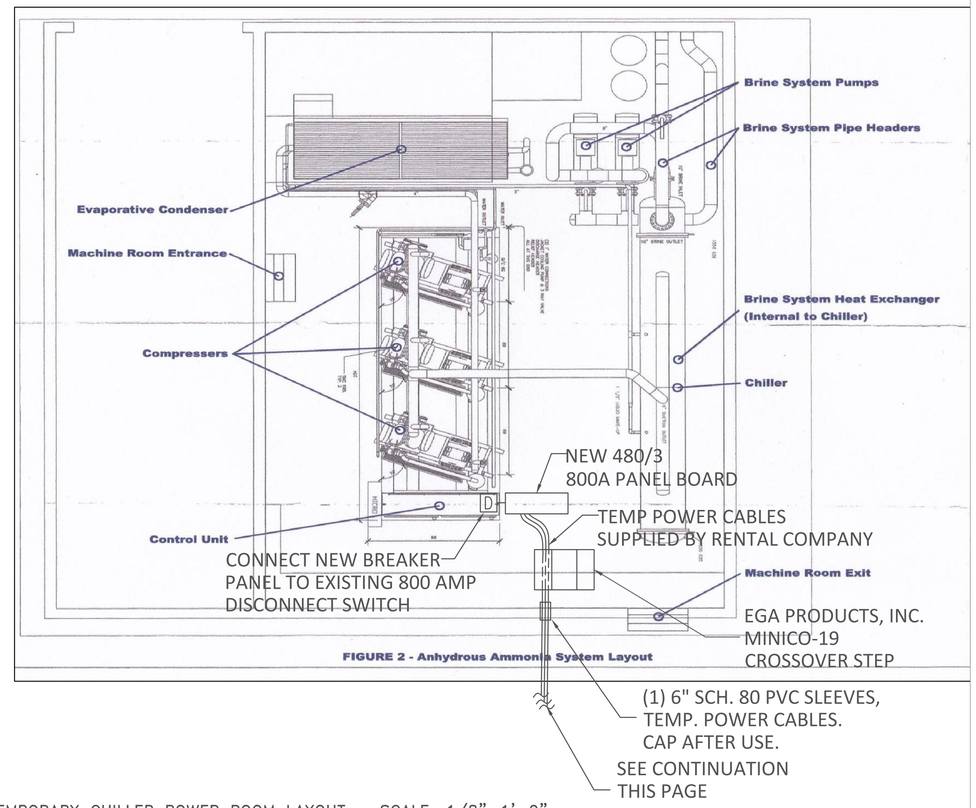


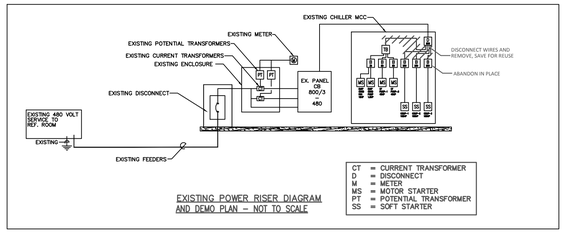

FIGURE 2 - Anhydrous Ammonia System Layout

TEMPORARY CHILLER POWER ROOM LAYOUT – SCALE: 1/8"=1'-0"

## EXISTING PANELBOARD SCHEDULE

PANEL CB — 3 ø — 3 WIRE — 480 VOLTS — 800 AMPS — SURFACE MOUNTING

| CKT. # | ITEMS SERVED | CKT. BRK. TRIP | P | P | CKT. BRK. TRIP | ITEMS SERVED | CKT. # |
|---|---|---|---|---|---|---|---|
| 1 | | | | 3 | NOT LABELED | EVAP. CONDENSER FAN | 2 |
| 3 | SPARE | NOT LABELED 3 | | 3 | NOT LABELED | EVAP. CONDENSER SPRAY PUMP | 4 |
| 5 | SPARE | NOT LABELED 3 | | 3 | NOT LABELED | COLD FLOOR PUMP 1 | 6 |
| 7 | SPARE | NOT LABELED 3 | | 3 | NOT LABELED | COLD FLOOR PUMP 2 | 8 |
| 9 | | | | 3 | 300A | CHILLER COMPRESSOR 2 | 10 |
| 11 | CHILLER COMPRESSOR 1 | 300A | 3 | 3 | 300A | CHILLER COMPRESSOR 3 | 12 |
| 13 | | | | | | | 14 |
| 15 | | | | | | | 16 |
| 17 | | | | | | | 18 |
| 19 | | | | | | | 20 |
| 21 | | | | | | | 22 |
| 23 | | | | | | | 24 |
| 25 | | | | | | | 26 |
| 27 | | | | | | | 28 |
| 29 | | | | | | | 30 |
| 31 | | | | | | | 32 |
| 33 | | | | | | | 34 |
| 35 | | | | | | | 36 |
| 37 | | | | | | | 38 |
| 39 | | | | | | | 40 |




EXISTING POWER RISER DIAGRAM
AND DEMO PLAN – NOT TO SCALE

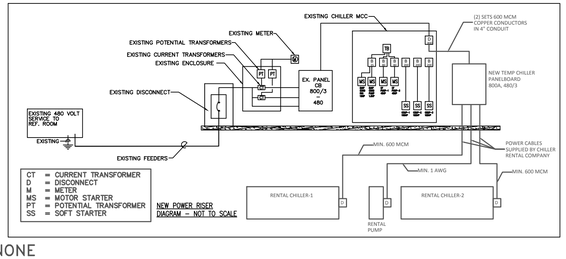
NEW PANELBOARD SPECS:
MANUFACTURER: SQUARE D
ENCLOSURE: I-LINE, HCP, 42"W x 50"H, TYPE1.
INTERIOR: I-LINE PNLBRD, HCP, 800 A, MAIN LUGS, 42"x50"
TRIM: I-LINE PNLBRD, HCP, SURFACE, 4 PCS, W/DOOR, 42"x50"
PROVIDE W/ GROUND BAR KIT & 800A I-LINE SOLID NEUTRAL

BREAKERS:
(2) POWERPACT M, I-LINE, ELECTRONIC TRIP, 400A, 3 POLE, 18 KA, 600 VAC, CBA PHASING
(1) POWERPACT H, I-LINE, THERMAL MAGNETIC, 100A, 3 POLE, 14 KA, 600 VAC, PHASE CBA

## NEW PANELBOARD SCHEDULE

PANEL TEMP CHILLER — 3 ø — 3 WIRE — 480 VOLTS — 800 AMPS — SURFACE MOUNTING

| CKT. # | ITEMS SERVED | CKT. BRK. TRIP | P | P | CKT. BRK. TRIP | ITEMS SERVED | CKT. # |
|---|---|---|---|---|---|---|---|
| 1 | RENTAL CHILLER-1 | 400A | 3 | 3 | 400A | RENTAL CHILLER-2 | 2 |
| 3 | | | | | | | 4 |
| 5 | | | | | | | 6 |
| 7 | RENTAL PUMP | 100A | 3 | | | SPARE | 8 |
| 9 | SPARE | | | | | SPARE | 10 |
| 11 | SPARE | | | | | SPARE | 12 |
| 13 | SPARE | | | | | SPARE | 14 |
| 15 | SPARE | | | | | SPARE | 16 |
| 17 | SPARE | | | | | SPARE | 18 |




NEW POWER RISER
DIAGRAM – NOT TO SCALE

TEMP CHILLER POWER DIAGRAM – SCALE: NONE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BROOKLINE, MASSACHUSETTS

drawing title:
RINK TEMPORARY
CHILLER ELECTRICAL
PLAN

drawn: | scale: 1/8"=1'-0" | date: OCTOBER 5, 2020

COMMONWEALTH OF MASSACHUSETTS
MUZAFFER MUCHDIJEDE
ELECTRICAL
No. 32579
REGISTERED PROFESSIONAL ENGINEER

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