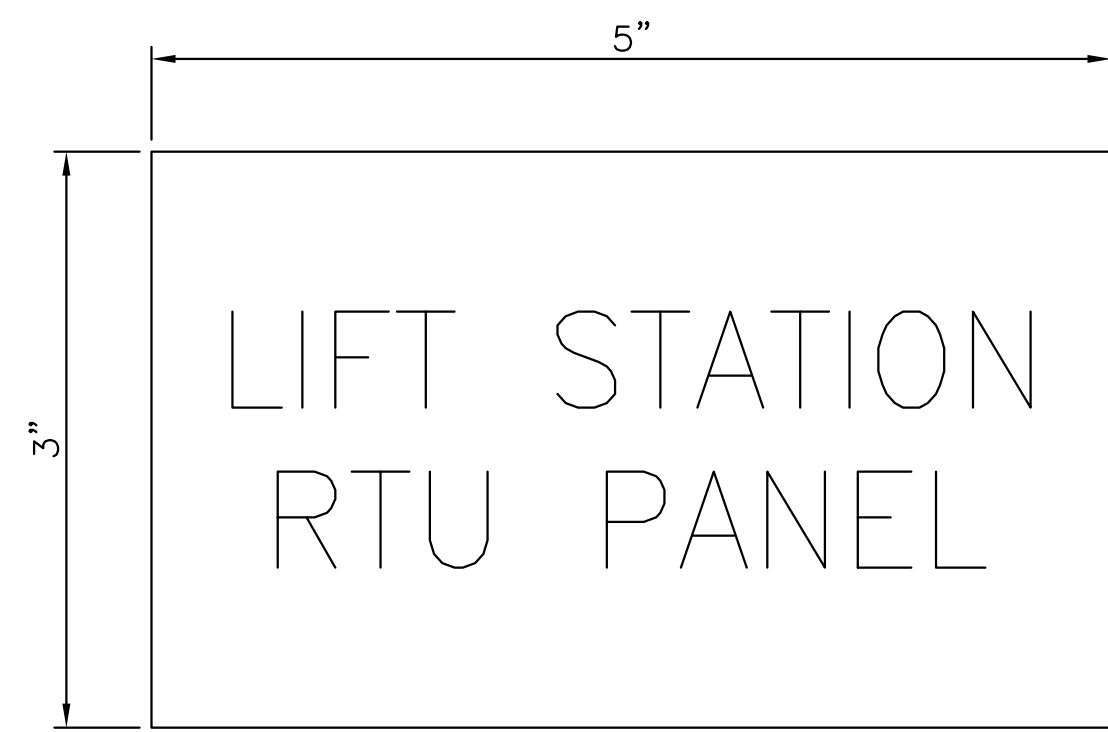


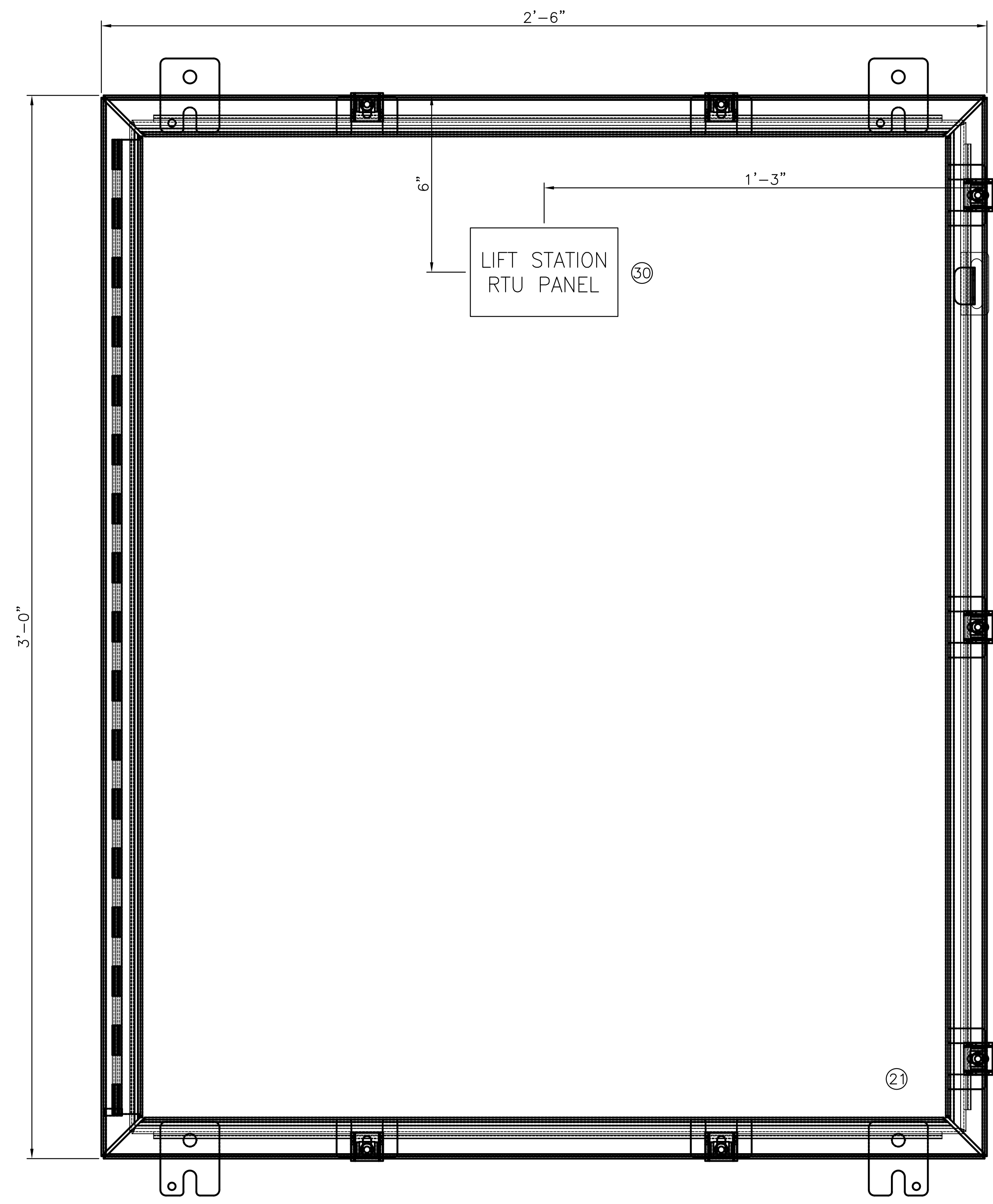
SANITARY SEWER LIFT STATION AND FORCE MAIN
BOTANICA - THE WICHITA GARDENS
STREETS AND UTILITIES

NOTES:

1. 24VDC POWER WIRES TO BE BLUE IN COLOR.
2. 24VDC COMMON WIRES TO BE BLUE WITH A WHITE TRACER IN COLOR.
3. 120VAC HOT WIRES TO BE BLACK IN COLOR.
4. 120VAC NEUTRAL WIRES TO BE WHITE IN COLOR.
5. ALL GROUNDING WIRES SHALL BE GREEN IN COLOR.
6. TWISTED PAIR CABLES INSIDE CONTROL PANEL TO BE BELDEN #8760.
7. ALL CONTROL PANEL WIRING TO BE 16 AWG, (UL 1015, 105°C, TINNED COPPER STRANDED) UNLESS OTHERWISE NOTED.
8. NO SPLICES IN CONTROL WIRING SHALL BE PERMITTED.
9. ALL TERMINAL BLOCKS SHALL HAVE PERMANENT SNAP IN (NOT ADHESIVE) MARKERS INSTALLED SUCH AS ALLEN BRADLEY 1492-M SERIES, OR ENGINEER APPROVED EQUAL.
10. ALL WIRES AND CABLES BOTH ON FIELD CONNECTION SIDE, ANY JUNCTION BOXES, AND AT ALL PANELS SHALL HAVE PERMANENT MARKER LABELS INSTALLED SUCH AS BRADY PERMASLEEVE TYPE, OR ENGINEER APPROVED EQUAL.
11. THERE SHALL BE A MINIMUM OF 6" SLACK IN EACH WIRE TO BE TERMINATED IN THE CONTROL PANEL. THE SLACK WIRE SHALL BE LOCATED IN WIREWAY INSIDE THE CONTROL PANEL.
12. ANY DESIGN CHANGES SHALL BE APPROVED PRIOR TO IMPLEMENTATION BY ENGINEER OF RECORD.
13. INSTALL PANDUIT FWR-C WIRE RETAINERS 6" O.C. IN WIREWAYS.
14. PANEL FABRICATOR TO LOCATE DEVICES IN APPROXIMATE LOCATIONS AS INDICATED ON DRAWING.



2 NAME PLATE DETAIL
SCALE: 1" = 1"



1 RTU PANEL EXTERIOR LAYOUT
SCALE: 3/8" = 1"

RTU PANEL EXTERIOR LAYOUT
SHEET TITLE
468-84683
PROJECT NUMBER

DESIGN BY: *JTW*
DRAWN BY: *MRT*
CHECKED BY: *GSS*

ISSUED: July 2010
REVISED:

SHEET NO.
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