LEGEND

- NEW STORM/SANITARY MANHOLE
- NEW STORM INLET
- NEW TRENCH DRAIN INLET
- NEW SLOPE BOX INLET
- EXISTING MANHOLE
- EXISTING STORM SEWER
- EXISTING WATERMAIN
- NEW WATERMAIN
- NEW STORM SEWER
- NEW SANITARY SEWER
- NEW STEEL CASING
- FUTURE STORM SEWER (BY OTHERS)
- FUTURE MANHOLE (BY OTHERS)
- FUTURE SANITARY SEWER (BY OTHERS)
- FUTURE WATERMAIN (BY OTHERS)

NOTES

1. ALL STORM SEWERS ON THE AIRPORT SITE ARE OWNED, OPERATED AND MAINTAINED BY THE CHICAGO EXECUTIVE AIRPORT.

RUNWAY 12/30

NORTH

SCALE IN FEET 0 50 100

AREA 3 TIEDOWN

TAXIWAY ALPHA

NEW TAXIWAY ECHO

NEW TAXIWAY E1

PALATINE FRONTAGE ROAD

NEW ENTRANCE ROAD

FUTURE SOUTHEAST QUADRANT APRON

MILWAUKEE AVENUE

NEW 75 LF 15" RCP @ 0.15%

NEW 90 LF 15" RCP @ 0.15%

NEW 191 LF 15" RCP @ 0.15%

EXISTING 8" WATERMAIN OWNED BY ILAWC

T/WM=635.2± (EXISTING)
T/WM CASING=633.80 (NEW)
B/SS=635.37

NEW 50 LF 8 DIP WATERMAIN RELOCATION, 22 LF 24" STEEL CASING

FUTURE 290 LF 15" RCP @ 0.44%

FUTURE 150 LF 15" RCP @ 0.15%

FUTURE 55 LF 15" RCP @ 0.44%

FUTURE 85 LF 15" RCP @ 0.44%

FUTURE 90 LF 18" RCP @ 0.20%

FUTURE 175 LF 18" RCP @ 0.20%

FUTURE 20 LF 18" RCP @ 0.20%

FUTURE 90 LF 15" RCP @ 0.20%

FUTURE 40 LF 15" RCP @ 0.20%

FUTURE 87 LF 12" RCP @ 0.15%

FUTURE CONNECTION TO EXISTING STUB

FUTURE 485 LF 8" DUCTILE IRON PIPE WATERMAIN

FUTURE 80 LF 24" STEEL CASING

FUTURE FIRE HYDRANT

FUTURE 130 LF 15" RCP @ 0.15%

FUTURE 8" STUB AND MJ PLUG

FUTURE 8 LF 12" RCP @ 1.00% (BRICK AND MORTAR END)

FUTURE 65 LF 12" RCP @ 1.00% (BY OTHERS)

FUTURE 216 LF 10" SDR 26 @ 0.28% (BY OTHERS)

FUTURE 234 LF 10" SDR 26 @ 0.28% (BY OTHERS)

FUTURE 260 LF 10" SDR 26 @ 0.30%

NEW 55 LF 15" RCP @ 0.00%

NEW 85 LF 15" RCP @ 0.07%

FUTURE 27 LF 6" SDR 26 @ 1.00% (BY OTHERS)

FUTURE 17 LF 12" RCP @ 1.00% (BY OTHERS)

FUTURE 205 LF 12" RCP @ 0.44% (BY OTHERS)

FUTURE 21 LF 6" SDR 26 @ 1.00% (BY OTHERS)

FUTURE 44 LF 6" SDR 26 @ 1.00% (BY OTHERS)

FUTURE INV.=635.62

FUTURE INV.=637.91

FUTURE INV.=637.00

FUTURE INV.=634.96

FUTURE INV.=634.54

NEW 100 LF 12" RCP @ 0.20%

NEW 182 LF 15" RCP @ 0.15%

NEW 26 LF 12" RCP @ 0.15%

NEW 50 LF 12" RCP @ 0.15%

NEW 8 LF 12" RCP @ 0.15% (BRICK AND MORTAR END)

NEW 185 LF 12" RCP @ 0.15%

NEW 25 LF 12" RCP @ 0.73%

NEW 24 LF 12" RCP @ 0.73%

NEW 26 LF 12" RCP @ 0.73%

NEW 23 LF 12" RCP @ 0.15%

NEW 24 LF 12" RCP @ 0.15%

NEW 27 LF 12" RCP @ 0.15%

FUTURE 200 LF 15" RCP (BY OTHERS)

FUTURE 100 LF 15" RCP (BY OTHERS)

FUTURE MANHOLE (BY OTHERS)

FUTURE 105 LF 15" RCP @ 0.58% (BY OTHERS)

FUTURE 20 LF 12" RCP @ 1.1% (BY OTHERS)

FUTURE 120 LF 15" RCP @ 0.89% (BY OTHERS)

FUTURE 8 LF 15" RCP @ 0.15% (BRICK AND MORTAR END)

TO BE REMOVED (BY OTHERS) (TYPICAL)

TO BE REMOVED (BY OTHERS)

MA1 MA2 MA3 MA4 MA5 MA6 MB1 MB2 MB3 MC1 MC2 MC3 MC4 MC5 MD1 MD2 MD2a MD3 MD4 MD5 MD6 MD7 MD8 MS1 MS2 MS3 MS4 ME1 ME2 ME3 FA1 FA2 FA3 FA4 IA1 IA2 IA3 IA4 TC1 TC2 TC3 TC4 TC5 TC6 TC7 TC8 TD1 TD2 FH1

K:\ChicagoExecAp\0829008 Txy E\Draw\Sheets\Taxiway
FILE: txy-utility-1.dwg
LAYOUT: Layout1
UPDATE BY: mkatz
SURVEY BOOK #
DATE: Fri 4/1/11 9:13am
XREF DWG: tb.dwg
tbclnt_txy.dwg
echo-base.dwg

REVISIONS

NUMBER	BY	DATE
1	MLK	03/31/10

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

CHICAGO EXECUTIVE AIRPORT
WHEELING/PROSPECT HEIGHTS, ILLINOIS
CONSTRUCT PARTIAL PARALLEL TAXIWAY ECHO AND PARTIAL OVERLAY OF TAXIWAY ECHO

DRAINAGE/UTILITY PLAN

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CHICAGO EXECUTIVE AIRPORT

DESIGN BY:	MLK
DRAWN BY:	JRO
CHECKED BY:	MLK
APPROVED BY:	DLP
DATE:	04/22/11
JOB No:	08290-08

ILLINOIS PROJECT: PWK-3244
A.I.P. PROJECT: 3-17-0018-B32