

WOO-LUC-280-6.20/0.00

MODEL: 108584\_RC001\_PAPER SIZE: 34x42 (in.) DATE: 7/19/2023 TIME: 10:43:19 AM USER: SEA M:\22017 (Telra Tech - WOO-LUC-280-06.20-00.00 Centerline Plat (PID 108584))\108584-100-Engineering\FW\Sheets\108584\_RC001.dgn

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
PROPOSED R/W MONUMENT BOX
EXISTING CONCRETE MONUMENT
PROPOSED CONCRETE MONUMENT
RAILROAD SPIKE FOUND
RAILROAD SPIKE SET
IRON PIN FOUND
IRON PIN FOUND W/ ID CAP
IRON PIN SET W/ ID CAP
IRON PIPE FOUND
IRON PIPE SET
P.K. NAIL FOUND
P.K. NAIL SET

BASIS FOR BEARINGS:

ALL BEARINGS SHOWN HEREON ARE FOR PROJECT USE ONLY AND ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 83 (2011). SAID COORDINATES ORIGINATED FROM GPS OBSERVATIONS OF SELECTED STATIONS IN THE OHIO DEPARTMENT OF TRANSPORTATION REAL TIME NETWORK (2011). THE PORTION OF THE CENTERLINE OF I-280 HAVING A BEARING OF N 00°29'29" E, IS DESIGNATED THE "BASIS OF BEARING" FOR THIS SURVEY.

BASIS FOR EX. C/L OF R/W AND R/W WIDTH:

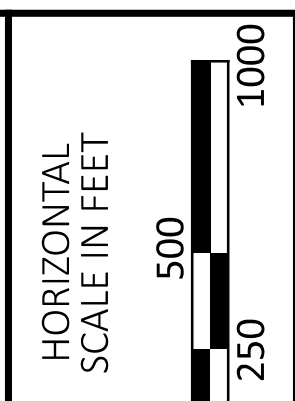
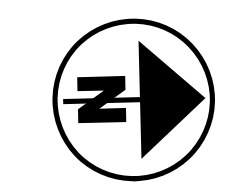
THE LOCATION OF THE CENTERLINE OF RIGHT OF WAY OF I-280 WAS DETERMINED FROM THE OHIO DEPARTMENT OF TRANSPORTATION RIGHT OF WAY PLANS TITLED "WOO-280-0.00" DATED 1953, "LUC280-0.00" DATED 1954, "LUC-280-0.00" DATED 1978, "WOO-280-0.84" DATED 1974, "WOO-280-5.74" DATED 1987, WOO-2820-00.10" DATED 1984 AND WOO/LUC -280-3.85/0.00 DATED 2002, ON FILE AT THE DISTRICT 2 OFFICE IN BOWLING GREEN, OHIO.

NOTES:

THE PROPOSED RIGHT OF WAY SHALL BE REFERENCED FROM THE CENTERLINE OF RIGHT OF WAY OF I-280.

SEE SHEET 3 FOR SURVEY PARAMETERS AND DETAILS. SEE SHEET 4 FOR MONUMENT TABLE.

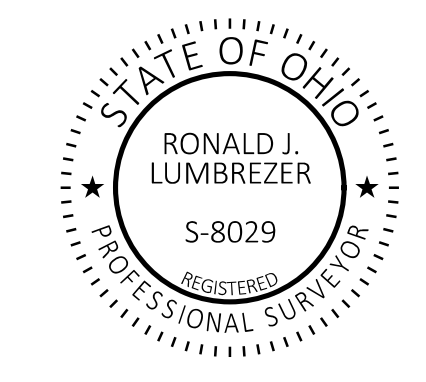
WOO-LUC-280-6.20/0.00
WOOD COUNTY
LAKE TOWNSHIP
SECTIONS 3, 4, 9 & 10, T-7-N, R-12-E
CITY OF NORTHWOOD
SECTIONS 33 & 34, T-8-N, R-12-E



CENTERLINE PLAT (1 OF 4)

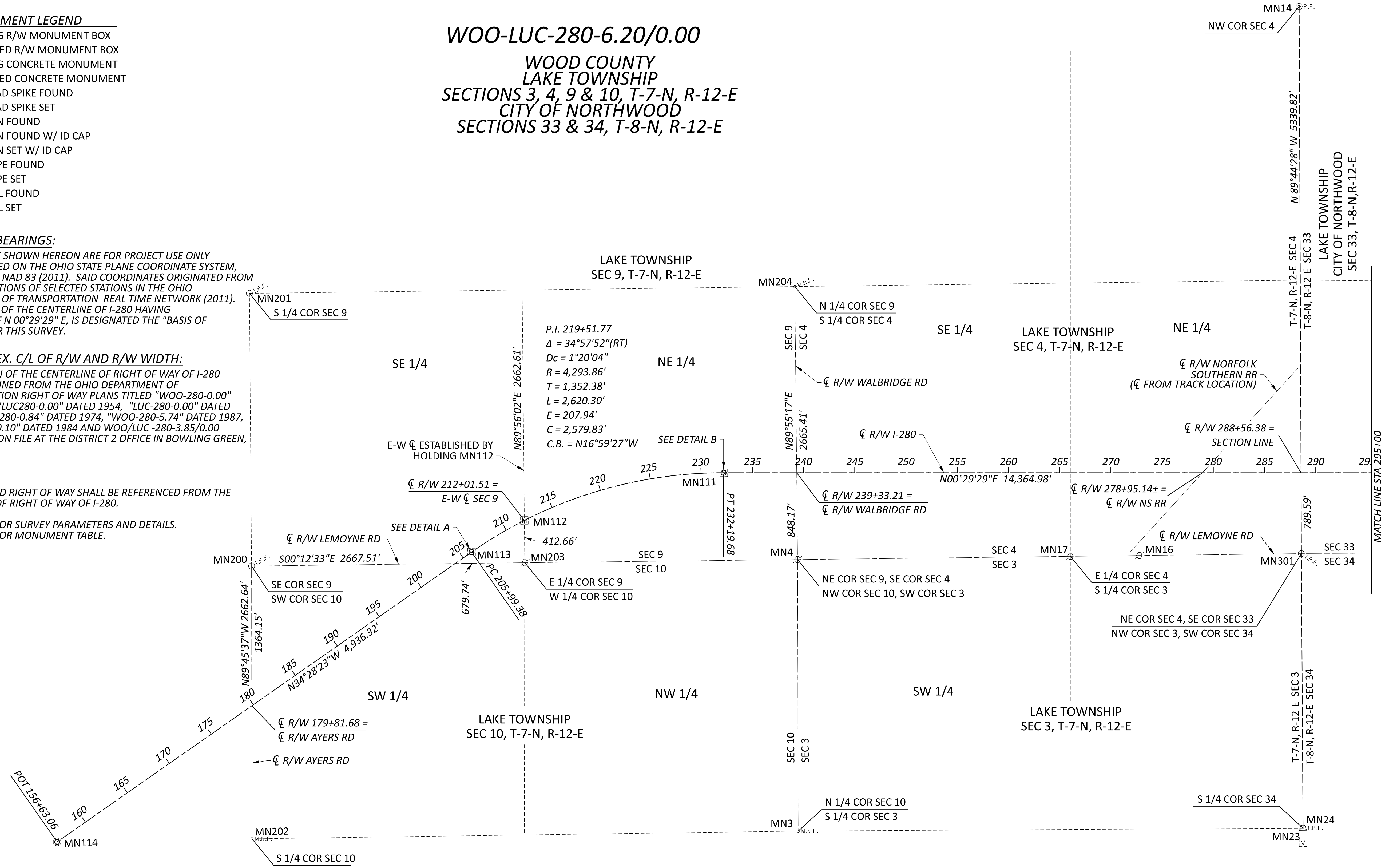
Table with design agency (DGL CONSULTING ENGINEERS), designer (SEA), reviewer (RJL), project ID (108584), and subset (RW.1) information.

SURVEYOR'S SEAL
DGL CONSULTING ENGINEERS



ORIGINAL PLAT IS ON FILE:
WOOD COUNTY RECORDER'S OFFICE
INSTRUMENT NO 202305708

I, R. J. LUMBREZER, P. S. HAVE CONDUCTED A SURVEY OF THE EXISTING CONDITIONS FOR THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION IN JANUARY 2022. THE RESULTS OF THAT SURVEY ARE CONTAINED HEREIN. THE HORIZONTAL COORDINATES EXPRESSED HEREIN ARE BASED ON THE OHIO STATE PLANE COORDINATES SYSTEM NORTH ZONE ON NAD 83 2011 DATUM. THE PROJECT COORDINATES (US SURVEY FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS OR US SURVEY FEET) BY A PROJECT ADJUSTMENT FACTOR OF 0.999996319. AS A PART OF THIS PROJECT I HAVE REESTABLISHED THE LOCATIONS OF THE EXISTING PROPERTY LINES AND THE EXISTING CENTERLINE OF RIGHT OF WAY FOR PROPERTY TAKES CONTAINED HEREIN. AS A PART OF THIS PROJECT I HAVE ESTABLISHED THE PROPOSED PROPERTY LINES, CALCULATED THE GROSS TAKE, PRESENT ROADWAY OCCUPIED (PRO), NET TAKE AND NET RESIDUE; AS WELL AS PREPARED THE LEGAL DESCRIPTIONS NECESSARY TO ACQUIRE THE PARCELS AS SHOWN HEREIN. AS A PART OF THIS WORK I HAVE SET RIGHT OF WAY MONUMENTS AT THE PROPERTY CORNERS, PROPERTY LINE INTERSECTION, POINTS ALONG THE RIGHT OF WAY AND/OR ANGLE POINTS ON THE RIGHT OF WAY, SECTION CORNERS AND OTHER POINTS AS SHOWN HEREIN. ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS "MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN THE STATE OF OHIO" UNLESS NOTED. THE WORDS I AND MY AS USED HEREIN ARE TO MEAN EITHER MYSELF OR SOMEONE WORKING UNDER MY DIRECT SUPERVISION.



WOO-LUC-280-6.20/0.00

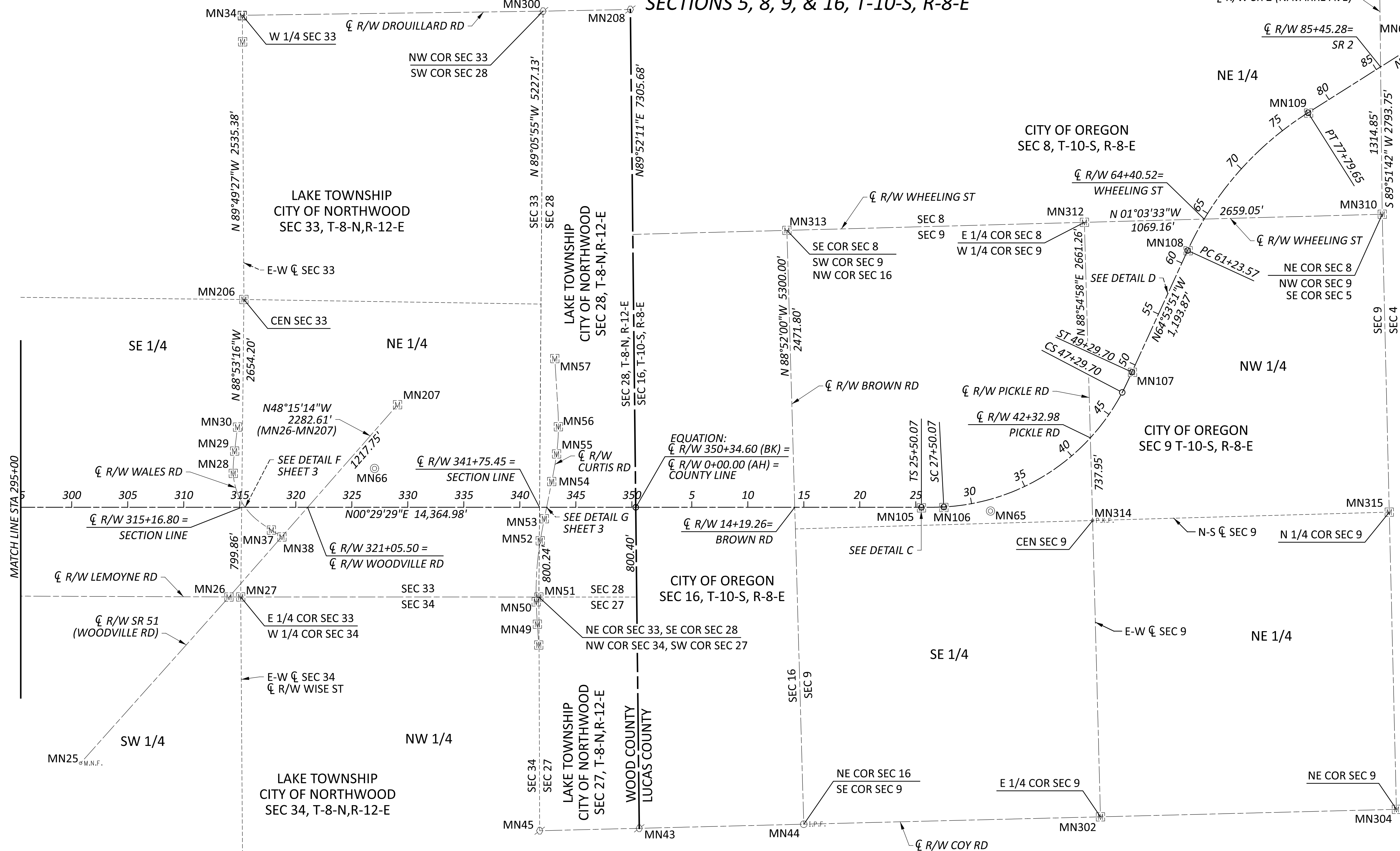
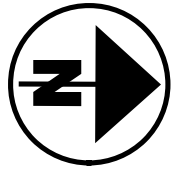
MODEL: 108584\_RC002 PAPER SIZE: 34x42 (in.) DATE: 7/19/2023 TIME: 10:43:20 AM USER: SEA M:\22017 (Telra Tech - WOO-LUC-280-06.20-00.00 Centerline Plat (PID 108584))\108584-100-Engineering\FW\Sheets\108584\_RC001.dgn

NOTES:

SEE SHEET 3 FOR SURVEY PARAMETERS AND DETAILS.  
SEE SHEET 4 FOR MONUMENT TABLE.

WOO-LUC-280-6.20/0.00  
WOOD COUNTY  
LAKE TOWNSHIP  
CITY OF NORTHWOOD  
SECTIONS 28, 33 & 34, T-8-N, R-12-E

LUCAS COUNTY  
CITY OF OREGON  
SECTIONS 5, 8, 9, & 16, T-10-S, R-8-E



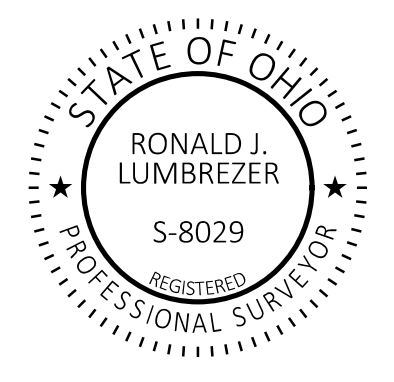
P.I. 38+76.47  
 $\Delta = 65^\circ 23' 20''$  (LT)  
 $D_c = 3^\circ 00' 00''$   
 $R = 1,909.86'$   
 $L_s = 200.00'$   
 $\phi_s = 3^\circ 00' 00''$   
 $LT = 133.35'$   
 $ST = 66.68'$   
 $x = 199.95'$   
 $y = 3.49'$   
 $k = 99.99'$   
 $p = 0.87'$   
 $\Delta c = 59^\circ 23' 20''$  (LT)  
 $L_c = 1,979.63'$   
 $T_s = 1,326.40'$   
 $E_s = 360.60'$   
 $C = 1,892.19'$   
 $C1 = C2 = 199.98'$   
 $C.B.1 = N00^\circ 30' 31'' W$   
 $C.B.2 = N32^\circ 12' 11'' W$   
 $C.B.3 = S63^\circ 53' 51'' E$

P.I. 69+75.47  
 $\Delta = 33^\circ 07' 17''$  (RT)  
 $D_c = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $L = 1,656.08'$   
 $E = 123.98'$   
 $C = 1,633.11'$   
 $C.B. = N48^\circ 20' 12'' W$

CENTERLINE PLAT (2 OF 4)

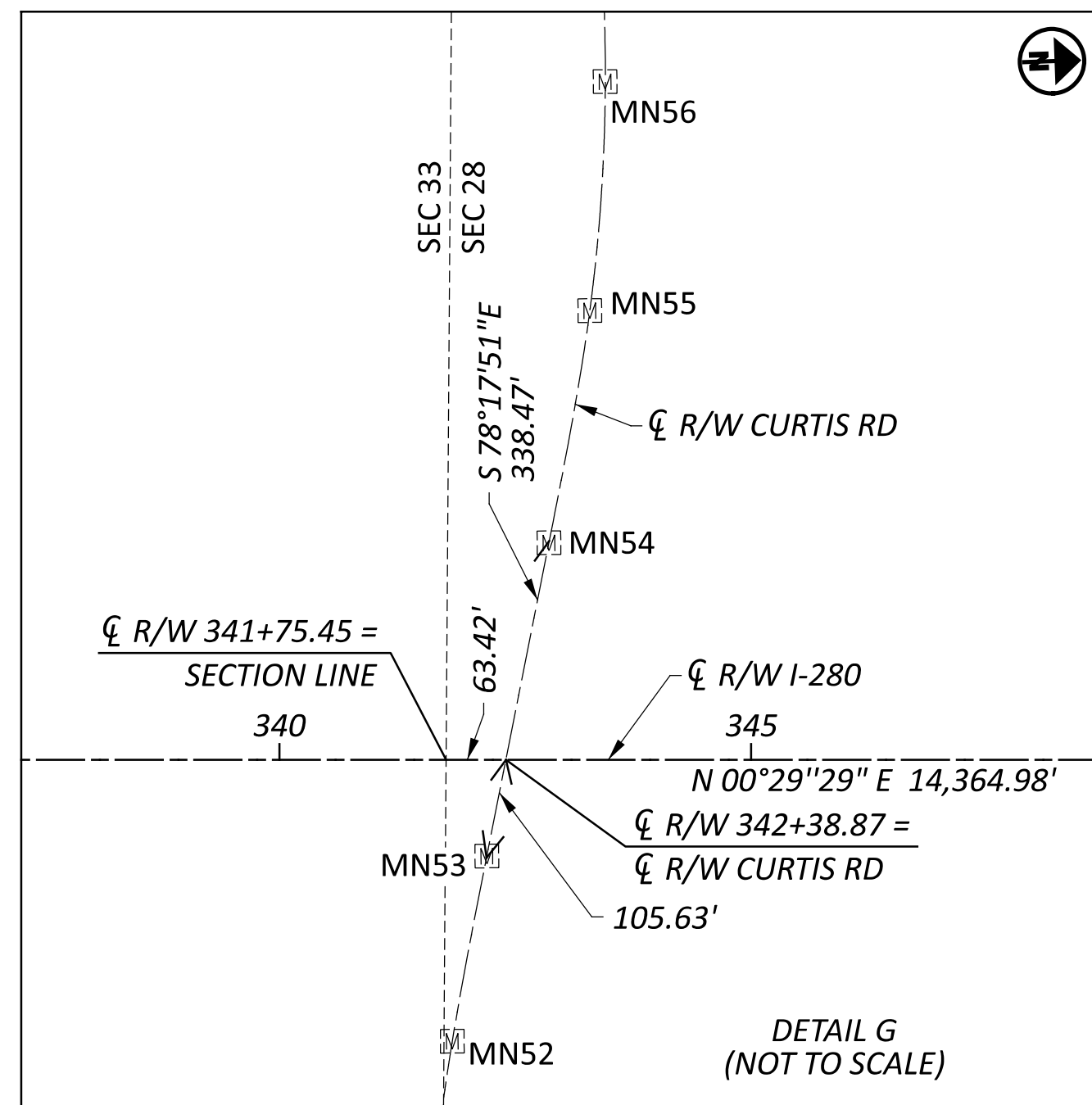
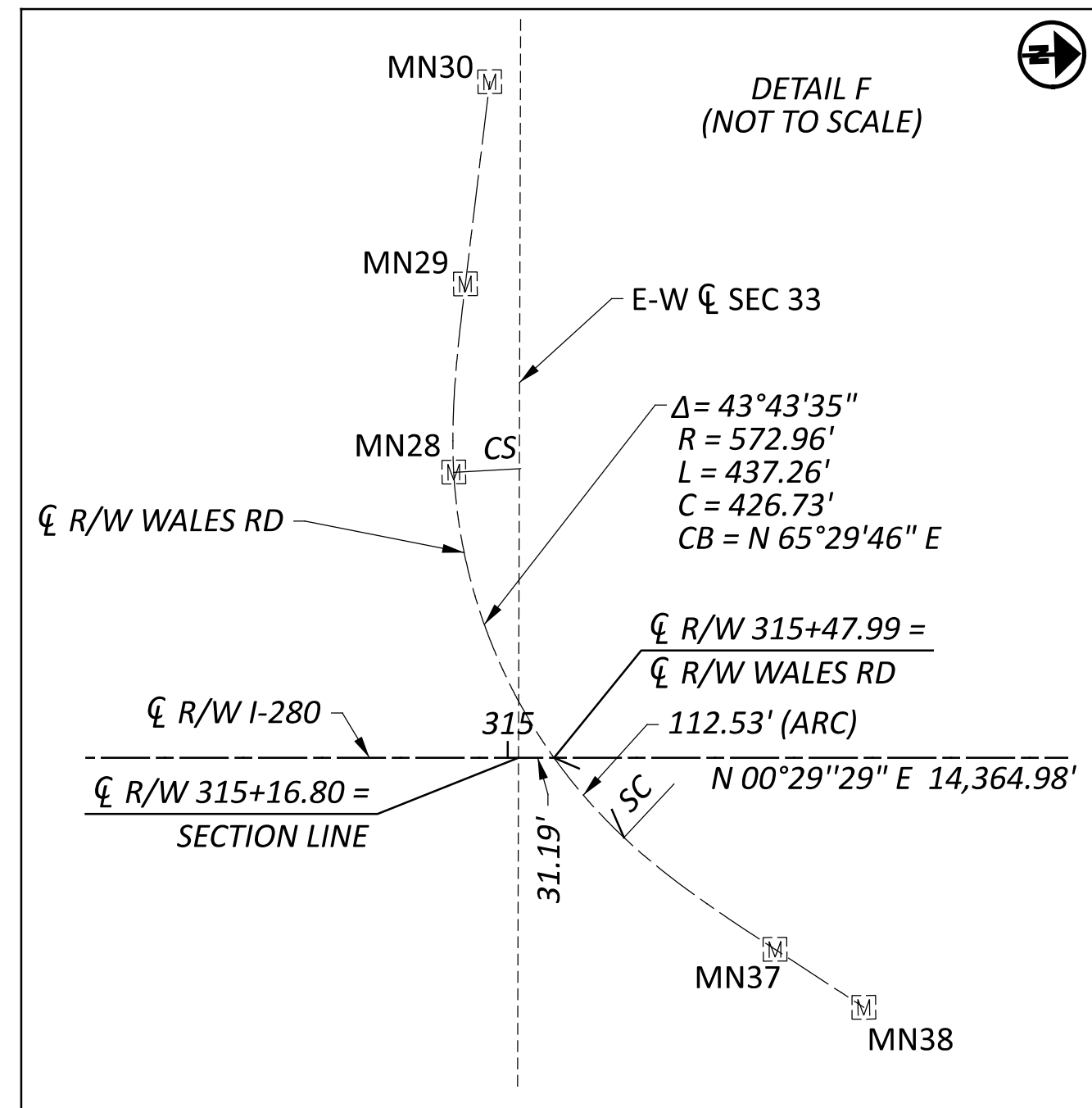
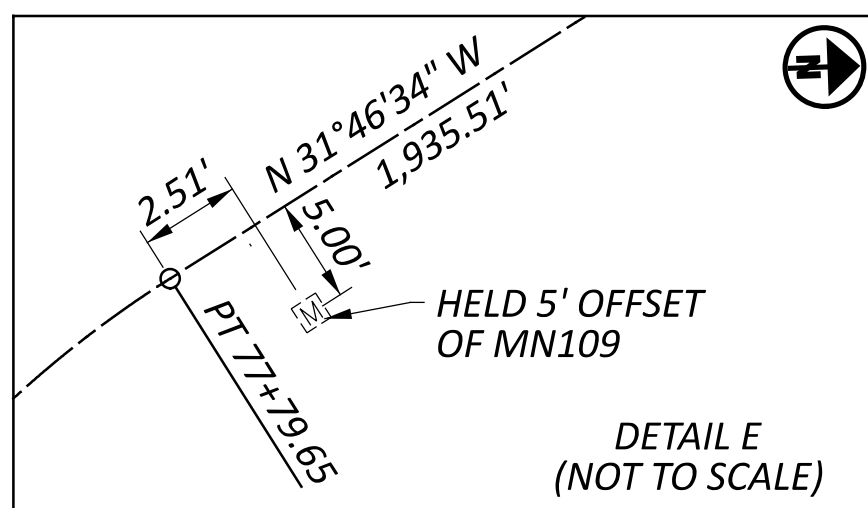
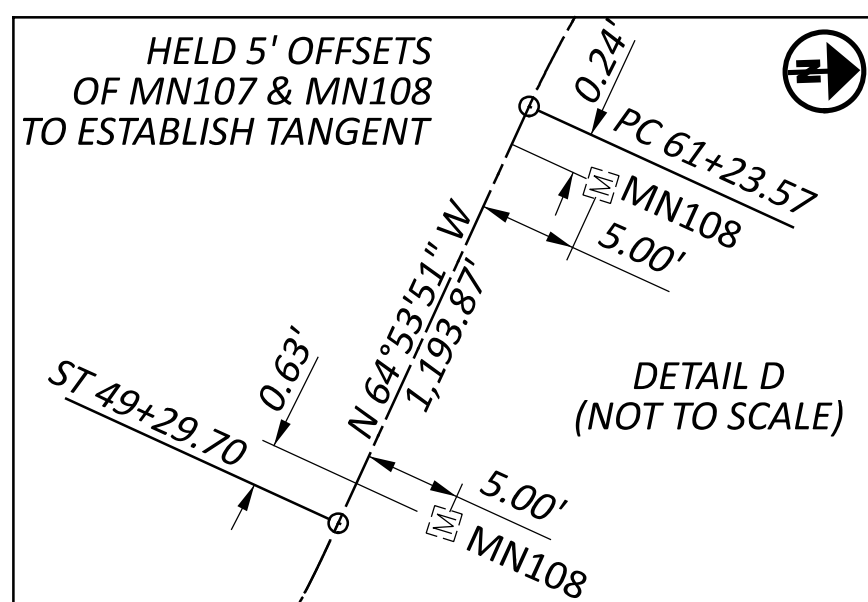
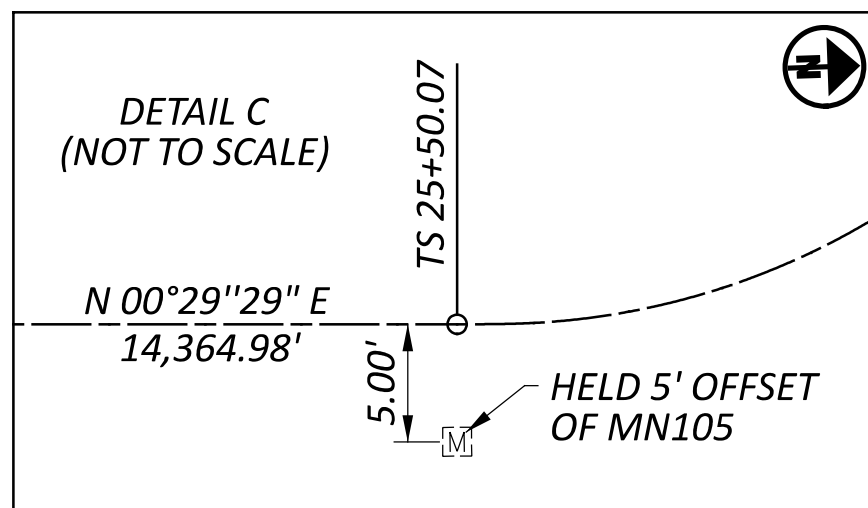
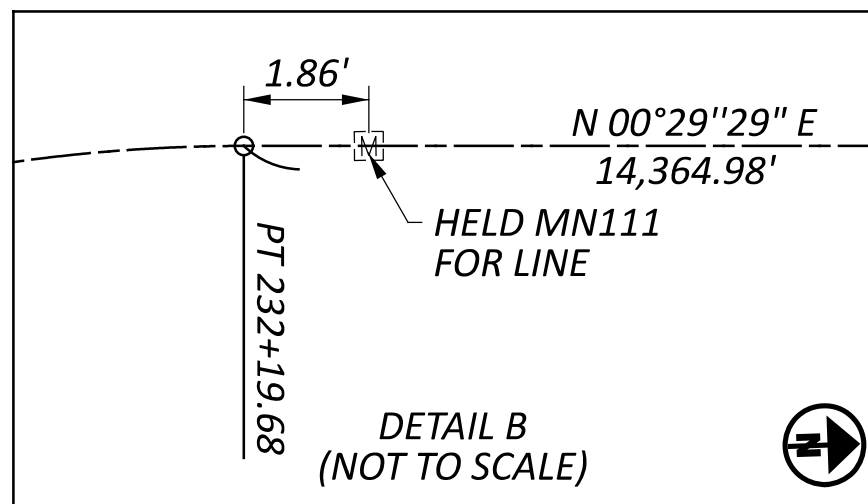
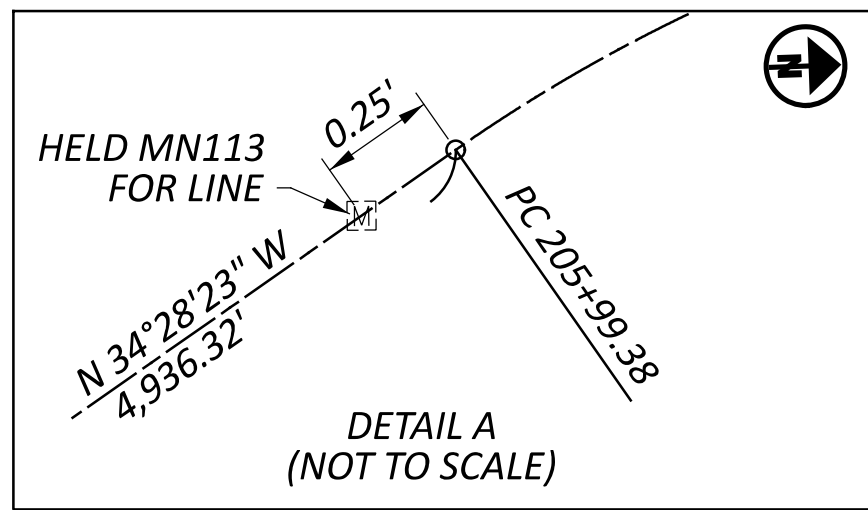


SURVEYOR'S SEAL  
DGL CONSULTING ENGINEERS



ORIGINAL PLAT IS ON FILE:  
WOOD COUNTY RECORDER'S OFFICE  
INSTRUMENT NO 202305708

DESIGNER	SEA
REVIEWER	RJL 02/27/23
PROJECT ID	108584
SUBSET	RW.2
TOTAL	RW.4



**WOO-LUC-280-6.20/0.00**

**WOOD COUNTY  
LAKE TOWNSHIP  
SECTIONS 3, 4, 9 & 10, T-7-N, R-12-E  
CITY OF NORTHWOOD**

**LUCAS COUNTY  
CITY OF OREGON  
SECTIONS 5, 8, 9, & 16, T-10-S, R-8-E  
SECTIONS 28, 33 & 34, T-8-N, R-12-E**

**SURVEYING PARAMETERS**

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

**PROJECT CONTROL**

POSITIONING METHOD: VRS ODOT CORS NETWORK & DIFFERENTIAL LEVELING

MONUMENT TYPE: IRON PINS W/ CAP SET

**VERTICAL POSITIONING**

ORTHOMETRIC HEIGHT DATUM: NAVD 88  
 GEOID: 18

**HORIZONTAL POSITIONING**

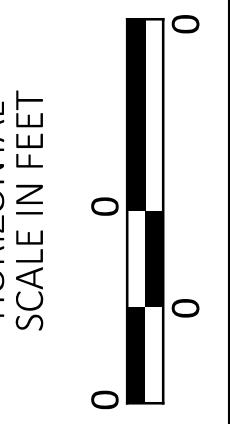
REFERENCE FRAME: NAD83 (2011)  
 ELLIPSOID: GRS80  
 MAP PROJECTION: LAMBERT CONFORMAL CONIC  
 COORDINATE SYSTEM: OHIO STATE PLANE, NORTH ZONE  
 COMBINED SCALE FACTOR: 1.00003681  
 ORIGIN OF COORDINATE SYSTEM: NORTHING 0, EASTING 0

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

**NOTES -**

SEE SHEETS 1 & 2 FOR PLAN VIEW MONUMENTATION.  
 SEE SHEET 4 FOR MONUMENT TABLE.



DESIGN AGENCY



DESIGNER

SEA

REVIEWER

RJL 02/27/23

PROJECT ID

108584

SUBSET TOTAL

RW.3 RW.4

**SURVEYOR'S SEAL**  
 DGL CONSULTING ENGINEERS



ORIGINAL PLAT IS ON FILE:  
 WOOD COUNTY RECORDER'S OFFICE  
 INSTRUMENT NO 202305708

WOO-LUC-280-6.20/0.00

MODEL: 108584\_RC004\_PAPER SIZE: 34x42 (in.) DATE: 7/19/2023 TIME: 10:43:21 AM USER: SEA M:\22017 (Telra Tech - WOO-LUC-280-06.20-00.00-Centerline Plat (PID 108584))\108584-400-Engineering\FW\Sheets\108584\_RC001.dgn

WOO-LUC-280-6.20/0.00

WOOD COUNTY LAKE TOWNSHIP SECTIONS 3, 4, 9 & 10, T-7-N, R-12-E CITY OF NORTHWOOD SECTIONS 28, 33 & 34, T-8-N, R-12-E

LUCAS COUNTY CITY OF OREGON SECTIONS 5, 8, 9, & 16, T-10-S, R-8-E

NOTES -

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY EXISTING MONUMENTS SHOWN ON THESE TABLES REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OR SURVEY OPERATIONS MANAGER OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT OF CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH NEW LOCATIONS SHALL BE RECORDED IN THE WOOD & LUCAS COUNTY RECORDER'S OFFICE AND THE OHIO DEPARTMENT OF TRANSPORTATION.

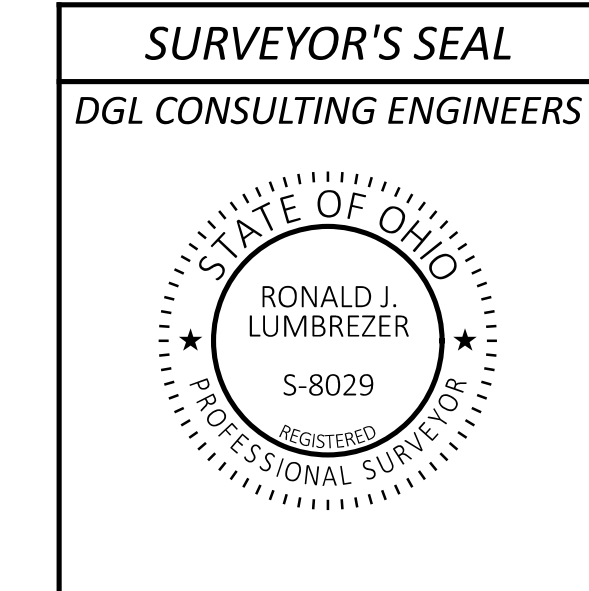
SETTING OF ALL MONUMENTS SHALL BE PERFORMED AND CERTIFIED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS SHALL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PINS AND CAPS (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

SEE SHEETS 1 & 2 FOR PLAN VIEW MONUMENTATION. SEE SHEET 3 FOR DETAILS AND SURVEY PARAMETERS.



CENTERLINE PLAT (4 OF 4)

Table with columns: NAME, Alignment Name, STATION, OFFSET (sft), NORTH (sft), EAST (sft), DESCRIPTION, NAME, NORTH (m), EAST (m), NORTH (sft), EAST (sft), MONUMENTS TO BE SET DURING CONSTRUCTION. Includes sections for WOO-280 FOUND MONUMENTATION and LUC-280 FOUND MONUMENTATION.



ORIGINAL PLAT IS ON FILE: WOOD COUNTY RECORDER'S OFFICE INSTRUMENT NO 202305708

Table with columns: DESIGN AGENCY (DGL CONSULTING ENGINEERS), DESIGNER (SEA), REVIEWER (RJL 02/27/23), PROJECT ID (108584), SUBSET (RW.4), TOTAL (RW.4).

TOTALS CARRIED TO GENERAL SUMMARY 5