

RIGHT OF WAY LEGEND SHEET WOO-WALES ROAD

PROJECT DESCRIPTION

CONSTRUCTION OF 1.04 MILES OF REALIGNED WALES ROAD AND 0.72 MILES OF DROUILLARD ROAD AND CONSTRUCTION OF FOUR ACCESS ROADS. INCLUDING: ONE STRUCTURE OVER CSX RAILROAD, ONE STRUCTURE OVER NORFOLK SOUTHERN RAILROAD, CURB AND GUTTERS, STORM SEWER, GUARDRAIL, CULVERTS, TRAFFICE CONTROL SIGNS AND PAVEMENT MARKINGS, AND RETAINING WALLS.

WOOD COUNTY

SEC. 32 & 33, T. 8 N., R. 12 E.

CITY OF NORTHWOOD

PROJECT CONTROL

STATE PLANE GRID - NORTH ZONE PLANE COORDINATE SYSTEM NAD83 (1995 ADJUSTMENT)
PROJECT ADJUSTMENT FACTOR 0.999953377

LEGEND:

WL = FEE SIMPLE WITH LIMITATION OF ACCESS	FL = FLOW EASEMENT
WD = WARRANTY DEED	U = UTILITY EASEMENT
BS = BILL OF SALE	A = AERIAL EASEMENT
PRW = PROPERTY RIGHT FEE SIMPLE	PRE = PROPERTY RIGHT
SH = STANDARD HIGHWAY EASEMENT	SC = SCENIC EASEMENT
LA = LIMITED ACCESS EASEMENT	V = IN NAME OF ANOTHER STATE AGENCY, LPA, ETC.
T = TEMPORARY EASEMENT	R = SPECIAL RESERVATION
SL = SLOPE EASEMENT	WA = WORK AGREEMENT
S = SEWER EASEMENT	SA = SPECIAL AGREEMENT AND WAIVER OF DAMAGES
CH = CHANNEL EASEMENT	

INDEX OF SHEETS:

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PLANS PREPARED BY:

FIRM NAME: AMERICAN STRUCTUREPOINT INC.

PLANS PREPARED BY: JENNIFER M. ALFORD

FIELD REVIEW BY: CHARLES P. UNTERREINER

DATE COMPLETED: MAY 6, 2008

OWNERSHIP VERIFIED BY: JOHN D. HALLEY

DATE COMPLETED: _____

DATE COMPLETED: _____

STRUCTURE KEY

<input type="checkbox"/>	RESIDENTIAL
<input checked="" type="checkbox"/>	COMMERCIAL
<input checked="" type="checkbox"/>	OUT-BUILDING

CONVENTIONAL SYMBOLS

County Line	Ditch / Creek (Ex)
Township Line	Ditch / Creek (Pr)
Section Line	Tree Line (Ex)
Corporation Line	Ownership Hook Symbol
Fence Line (Ex)	Property Line Symbol
Center Line	Break Line Symbol
Right of Way (Ex)	Tree (Pr)
Right of Way (Pr)	Tree (Ex)
Standard Highway Ease.(Ex)	Shrub (Ex)
Temporary Right of Way	Evergreen (Remove)
Channel Ease. (Pr)	Stump (Remove)
Utility Ease. (Ex)	Wetland (Pr)
Railroad	Grass (Pr)
Guardrail (Ex)	Aerial Target
Construction Limits	Post (Ex)
Edge of Pavement (Ex)	Mailbox (Ex)
Edge of Pavement (Pr)	Mailbox (Pr)
Edge of Shoulder (Ex)	Light (Ex)
Edge of Shoulder (Pr)	Telephone Marker (Ex)
	Light Pole (Ex)

I, CHARLES P. UNTERREINER, P. S. have conducted a survey of the existing conditions for the Ohio Department of Transportation on July 7, 2005. The results of that survey are contained herein.

The basis of the project's horizontal control is the National Geodetic Survey (NGS) Online Positioning User Service (OPUS) and whose positions were established using Global Positioning System. The points observation data was processed by the OPUS web page on July 7, 2005. The calculated grid bearing between control monuments #1 and #2 of the South 89 degrees 36 minutes 03 seconds East was used as a reference line for the survey.

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 the monuments at the proposed Property corners, Section Corners and other points as shown herein. However, Item 604 Monument Assemblies, Item 604 Reference Monuments and Centerline Monuments shall be installed by the construction contractor as specified in the plans. All Centerline Monuments, and Right of Way Monuments set and/or reset by the contractor's surveyor will include a cap as per Standard Construction Drawing RM-1.1 and bear the surveyor's Ohio registration number and/or name or company name. This work will be done in accordance with OAC 4733-37 as cited below.

All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "A 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.

CHARLES P. UNTERREINER, Professional Land Surveyor 7819

Date:

SURVEYORS SEAL

SIGNED: _____
DATE: _____

FEDERAL PROJECT NO.

PID NO.

CALCULATED
JMA
CHECKED
CPU

FEDERAL PROJECT NO.

RIGHT OF WAY
LEGEND SHEET

WOO - WALES RD

1 / 40

293
333

sedwards
5/3/2011
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MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- ⊙ EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- ⚡ RAILROAD SPIKE FOUND
- ⚡ RAILROAD SPIKE SET
- I.P.F. IRON PIN FOUND
- ⊙ I.P.F. IRON PIN FOUND W/ ID CAP
- I.P.F. IRON PIN SET W/ ID CAP
- ⊙ I.P.F. IRON PIPE FOUND
- I.P.F. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.F. P.K. NAIL SET
- ⊠ EXISTING STONE FOUND

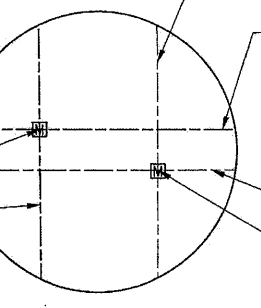
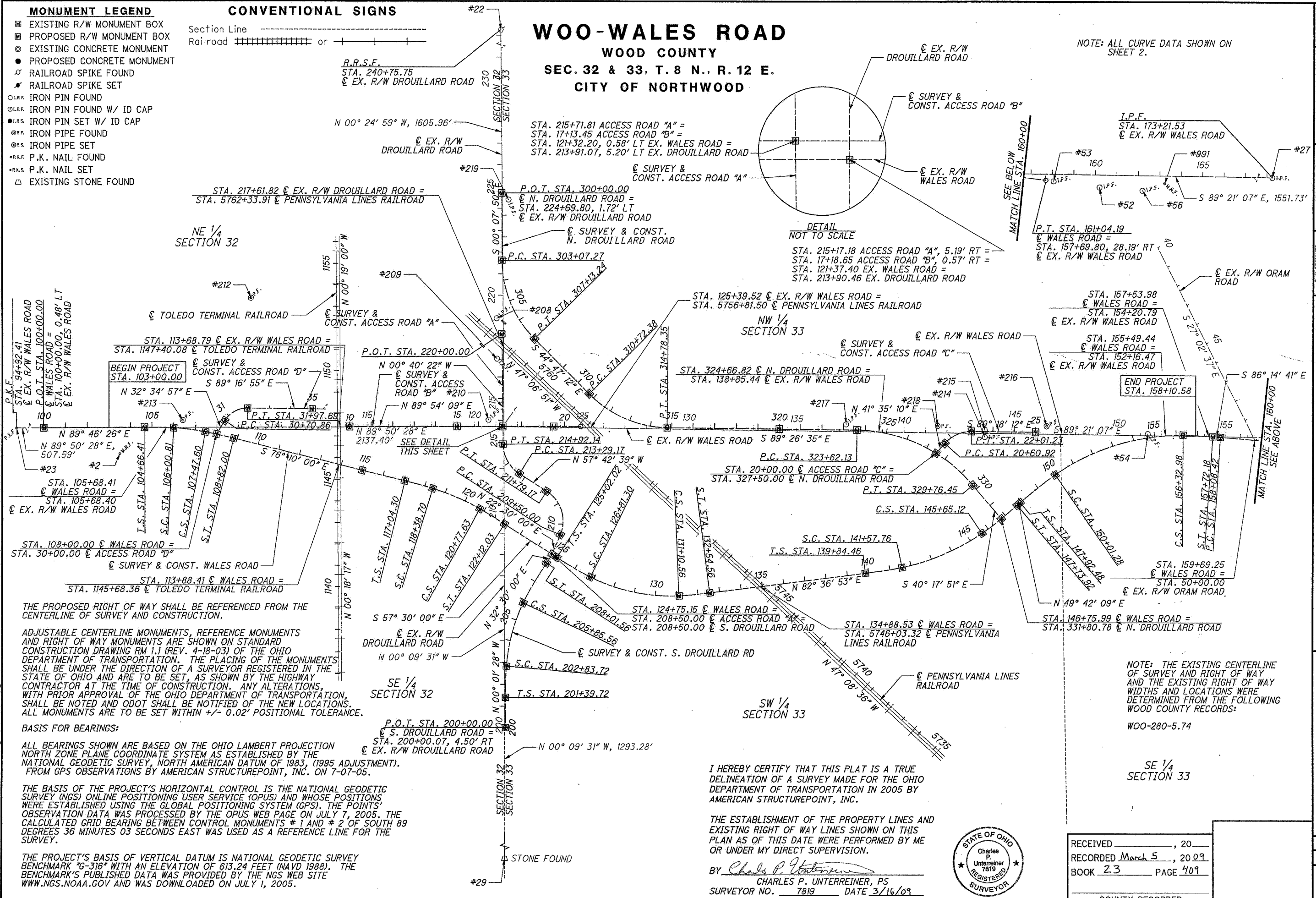
CONVENTIONAL SIGNS

Section Line or
 Railroad or

WOO-WALES ROAD

WOOD COUNTY
 SEC. 32 & 33, T. 8 N., R. 12 E.
 CITY OF NORTHWOOD

NOTE: ALL CURVE DATA SHOWN ON SHEET 2.



DETAIL NOT TO SCALE
 STA. 215+17.18 ACCESS ROAD "A", 5.19' RT =
 STA. 17+18.65 ACCESS ROAD "B", 0.57' RT =
 STA. 121+37.40 EX. WALES ROAD =
 STA. 213+90.46 EX. DROUILLARD ROAD

SEE BELOW MATCH LINE STA. 160+00

SEE ABOVE MATCH LINE STA. 160+00

THE PROPOSED RIGHT OF WAY SHALL BE REFERENCED FROM THE CENTERLINE OF SURVEY AND CONSTRUCTION.

ADJUSTABLE CENTERLINE MONUMENTS, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM 1.1 (REV. 4-18-03) OF THE OHIO DEPARTMENT OF TRANSPORTATION. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A SURVEYOR REGISTERED IN THE STATE OF OHIO AND ARE TO BE SET, AS SHOWN BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION. ANY ALTERATIONS, WITH PRIOR APPROVAL OF THE OHIO DEPARTMENT OF TRANSPORTATION, SHALL BE NOTED AND ODOT SHALL BE NOTIFIED OF THE NEW LOCATIONS. ALL MONUMENTS ARE TO BE SET WITHIN +/- 0.02' POSITIONAL TOLERANCE.

BASIS FOR BEARINGS:
 ALL BEARINGS SHOWN ARE BASED ON THE OHIO LAMBERT PROJECTION NORTH ZONE PLANE COORDINATE SYSTEM AS ESTABLISHED BY THE NATIONAL GEODETIC SURVEY, NORTH AMERICAN DATUM OF 1983, (1995 ADJUSTMENT). FROM GPS OBSERVATIONS BY AMERICAN STRUCTUREPOINT, INC. ON 7-07-05.

THE BASIS OF THE PROJECT'S HORIZONTAL CONTROL IS THE NATIONAL GEODETIC SURVEY (NGS) ONLINE POSITIONING USER SERVICE (OPUS) AND WHOSE POSITIONS WERE ESTABLISHED USING THE GLOBAL POSITIONING SYSTEM (GPS). THE POINTS' OBSERVATION DATA WAS PROCESSED BY THE OPUS WEB PAGE ON JULY 7, 2005. THE CALCULATED GRID BEARING BETWEEN CONTROL MONUMENTS # 1 AND # 2 OF SOUTH 89 DEGREES 36 MINUTES 03 SECONDS EAST WAS USED AS A REFERENCE LINE FOR THE SURVEY.

THE PROJECT'S BASIS OF VERTICAL DATUM IS NATIONAL GEODETIC SURVEY BENCHMARK "G-316" WITH AN ELEVATION OF 613.24 FEET (NAVD 1988). THE BENCHMARK'S PUBLISHED DATA WAS PROVIDED BY THE NGS WEB SITE WWW.NGS.NOAA.GOV AND WAS DOWNLOADED ON JULY 1, 2005.

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 2005 BY AMERICAN STRUCTUREPOINT, INC.

THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY Charles P. Unterreiner
 CHARLES P. UNTERREINER, PS
 SURVEYOR NO. 7819 DATE 3/16/09



RECEIVED _____, 20____
 RECORDED March 5, 2009
 BOOK 23 PAGE 409
 COUNTY RECORDER

CENTERLINE PLAT

WOO-WALES RD

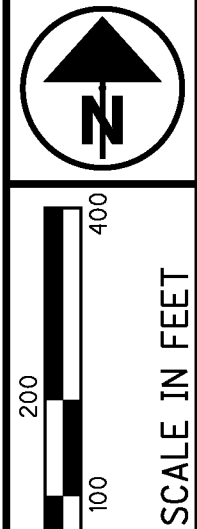
PID NO. 78877

R/W DESIGNER: JMA
 R/W REVIEWER: CPU

1/2
 1A/40
 294
 333

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**WOO-WALES ROAD
WOOD COUNTY
SECTIONS 32 & 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**



PID NO.
78877

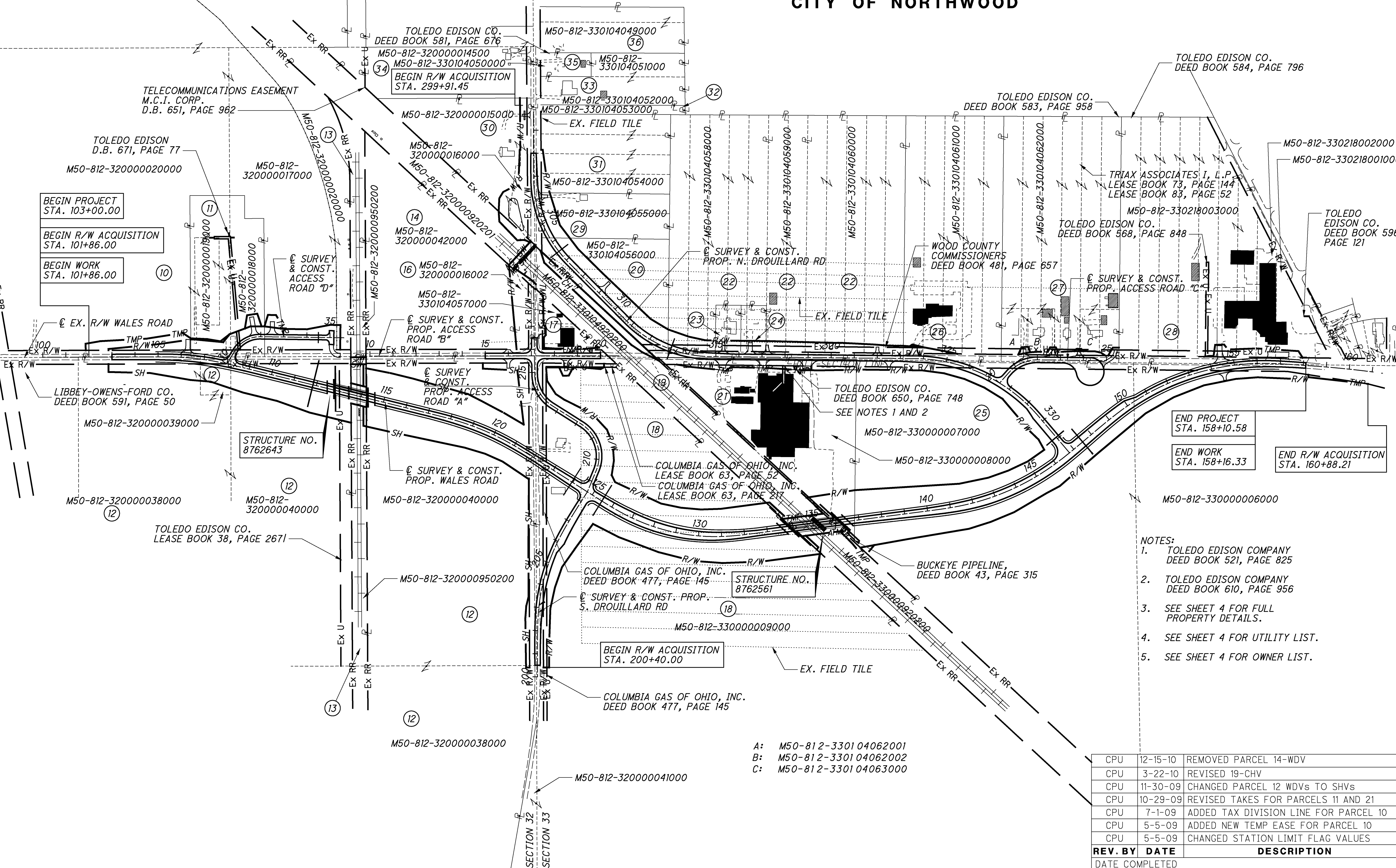
R/W DESIGNER
JMA
R/W REVIEWER
CPU

PROPERTY MAP

WOO-WALES RD

1 / 2
3 / 40
296
333

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- NOTES:**
- TOLEDO EDISON COMPANY DEED BOOK 521, PAGE 825
 - TOLEDO EDISON COMPANY DEED BOOK 610, PAGE 956
 - SEE SHEET 4 FOR FULL PROPERTY DETAILS.
 - SEE SHEET 4 FOR UTILITY LIST.
 - SEE SHEET 4 FOR OWNER LIST.

- A: M50-812-330104062001
- B: M50-812-330104062002
- C: M50-812-330104063000

REV. BY	DATE	DESCRIPTION
CPU	12-15-10	REMOVED PARCEL 14-WDV
CPU	3-22-10	REVISED 19-CHV
CPU	11-30-09	CHANGED PARCEL 12 WDV'S TO SHV'S
CPU	10-29-09	REVISED TAKES FOR PARCELS 11 AND 21
CPU	7-1-09	ADDED TAX DIVISION LINE FOR PARCEL 10
CPU	5-5-09	ADDED NEW TEMP EASE FOR PARCEL 10
CPU	5-5-09	CHANGED STATION LIMIT FLAG VALUES
REV. BY	DATE COMPLETED	DESCRIPTION

**WOO-WALES ROAD
WOOD COUNTY
SECTIONS 32 & 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**

PROPERTY OWNERS

- ⑩ LOF GLASS INC: M50-812-320000020000, M50-812-320000017000
- ⑪ BIHN & SONS EXCAVATING, LLC: M50-812-320000019000, M50-812-320000018000
- ⑫ OHIO WASTE SYSTEMS, INC: M50-812-320000038000,
M50-812-320000039000, M50-812-320000040000
- ⑬ TOLEDO TERMINAL RAILROAD: M50-812-320000950200
- ⑭ BROSSIA BROTHERS, AN OHIO GENERAL PARTNERSHIP: M50-812-320000042000
- ⑮ NOT USED
- ⑯ CITY OF NORTHWOOD: M50-812-320000016002
- ⑰ TERRY L. MAYS AND TERRY L. MAYS, HUSBAND AND WIFE: M50-812-330104057000
- ⑱ RONALD E. BIELSKI AND MARTHA J. BIELSKI, TRUSTEES UNDER BIELSKI LIVING TRUST,
DATED MAY 29, 1992, ET AL.: M50-812-330000009000, M50-812-320000041000
- ⑲ PENNSYLVANIA LINES LLC: M50-812-330000920200, M50-812-330104920200,
M50-812-320000920201
- ⑳ VICKY LYNN WEILAND NKA VICKY LYNN PIERCE (50%), EDWIN J. WEILAND (25%),
AND LYNNE C. WEILAND (25%): M50-812-330104056000
- ㉑ GR-HD PROPERTIES, LLC, A MICHIGAN LIMITED LIABILITY COMPANY: M50-812-330000008000
- ㉒ EDWIN J. WEILAND AND LYNNE C. WEILAND: M50-812-330104058000, M50-812-330104059000,
M50-812-330104060000
- ㉓ MERVIN E. SPENCER AND PAMELA S. SPENCER: M50-812-330104058001
- ㉔ EARL E. WEILAND AND ESTHER M. WEILAND: M50-812-330104058002
- ㉕ SIMON FAMILY LIMITED PARTNERSHIP: M50-812-330000006000, M50-812-330000007000
- ㉖ FAITH TABERNACLE CHURCH OF GOD, INC.: M50-812-330104061000
- ㉗ VICKY LYNN PIERCE: M50-812-330104062000, M50-812-330104062001,
M50-812-330104062002, M50-812-330104063000
- ㉘ CITY OF NORTHWOOD: M50-812-330218001000, M50-812-330218002000,
M50-812-330218003000
- ㉙ JOSEPH T. FOOR, SR. AND KATHERINE J. FOOR: M50-812-330104055000
- ㉚ JIMMY A. WILBURN AND BONNIE WILBURN: M50-812-320000015000, M50-812-320000016000
- ㉛ ROBERT E. KING AND DONAMAY K. KING, TRUSTEES: M50-812-330104054000
- ㉜ TOLEDO GREAT EASTERN SHOPPERS CITY, INC.: M50-812-330104053000
- ㉝ JAMES E. & VICKIE L. MOORE: M50-812-330104051000, M50-812-330104052000
- ㉞ ORMA WILLIAMS, SUBJECT TO LAND INSTALLMENT CONTRACT TO
PAMELA L. DILE: M50-812-320000014500
- ㉟ GREGORY L. LAMMIE: M50-812-330104050000
- ㊱ TAMI HEISS: M50-812-330104048000, M50-812-330104049000

UTILITY OWNERS

CABLE:

TIME WARNER CABLE
1266 DUBLIN RD.
COLUMBUS, OH 43215
614-255-6349

BUCKEYE CABLE
4818 ANGOLA RD.
TOLEDO, OH 43615
419-724-3786

GAS:

COLUMBIA GAS
333 S. ERIE ST.
TOLEDO, OH 43602
419-252-8110

WATER:

NORTHWESTERN WATER AND SEWER
P.O. BOX 348
BOWLING GREEN, OH 43402
419-354-9090

TELEPHONE:

CAVALIER TELEPHONE
6341 THOMPSON ROAD
SYRACUSE, NY 13206
315-414-0408

QWEST COMMUNICATIONS
13002 ECKEL JUNCTION RD.
PERRYSBURG, OH 43551
419-872-8534

VERIZON BUSINESS
120 RAVINE ST.
AKRON, OH 44303
330-253-8267

AT&T

130 N. ERIE STREET
ROOM 714
TOLEDO, OH 43604
419-245-7304

LEVEL 3 COMMUNICATIONS
100 SOUTH CINCINNATI AVE.
TULSA, OK 74103
918-547-9919

ELECTRIC:

TOLEDO EDISON
300 MADISON AVE.
MAIL STOP 1880
TOLEDO, OH 43652
419-249-5218

OIL:

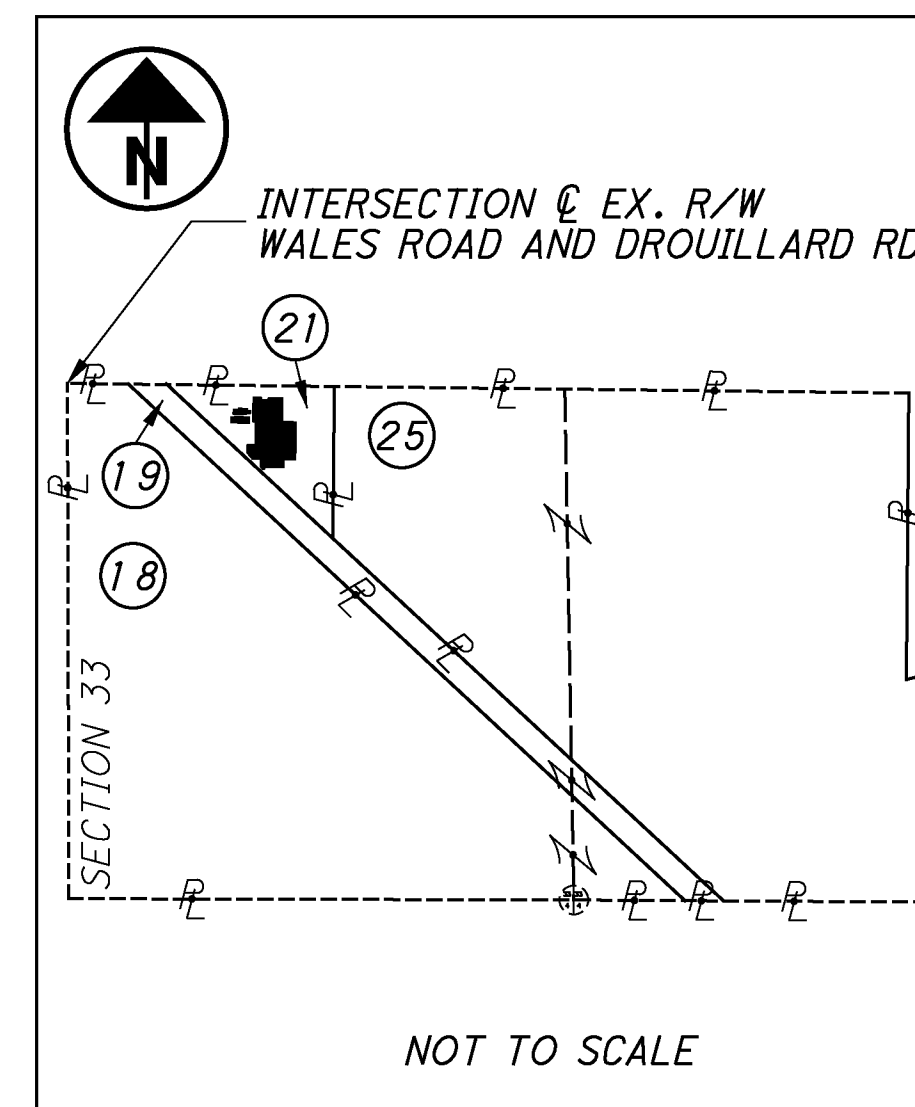
MID-VALLEY PIPELINE
P.O. BOX 219
5152 Rockridge Rd.
CYGNET, OH 43413
419-655-3313

NORCO PIPELINE
359 SINCLAIR ST.
TOLEDO, OH 43605
419-698-8218

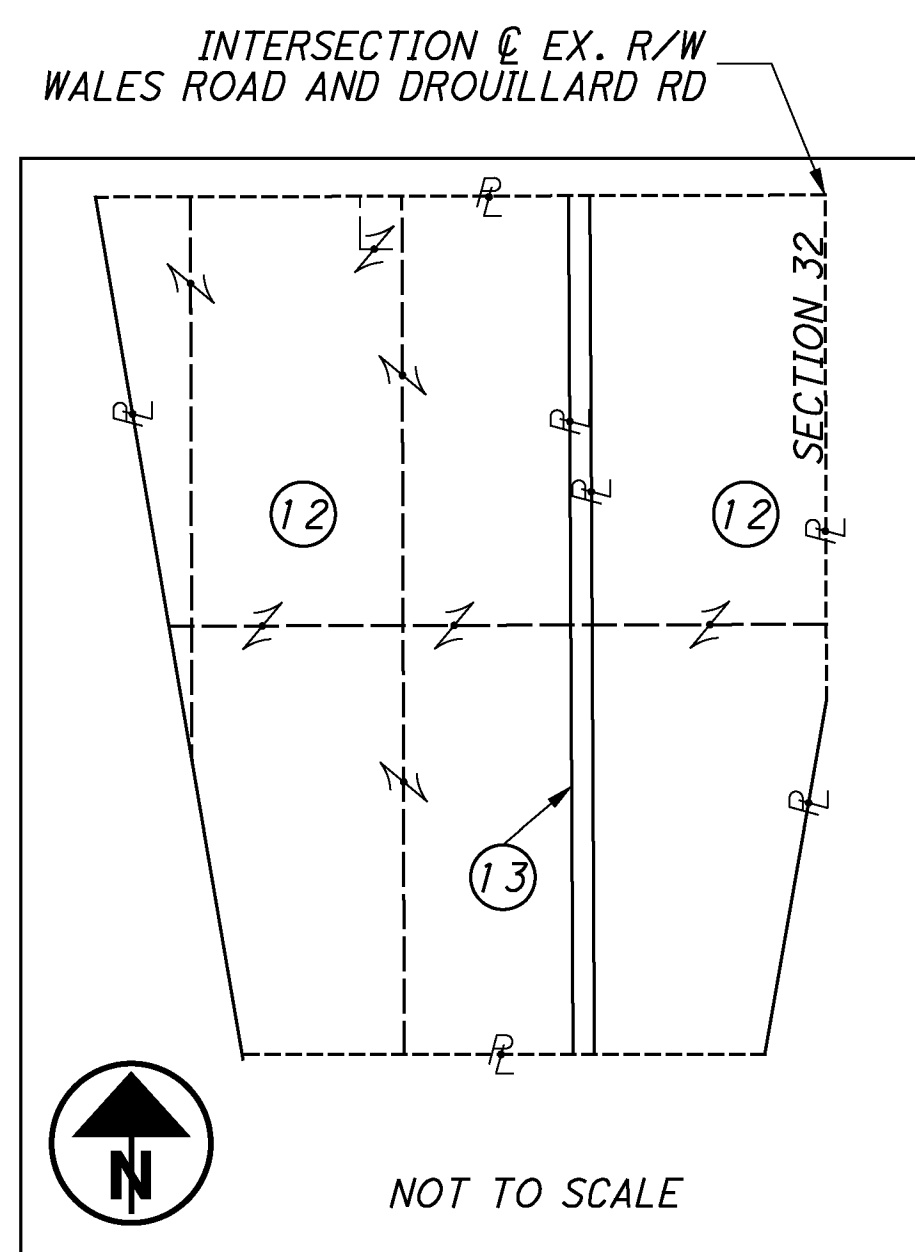
STORM WATER:

CITY OF NORTHWOOD
6000 WALES ROAD
NORTHWOOD, OH 43619

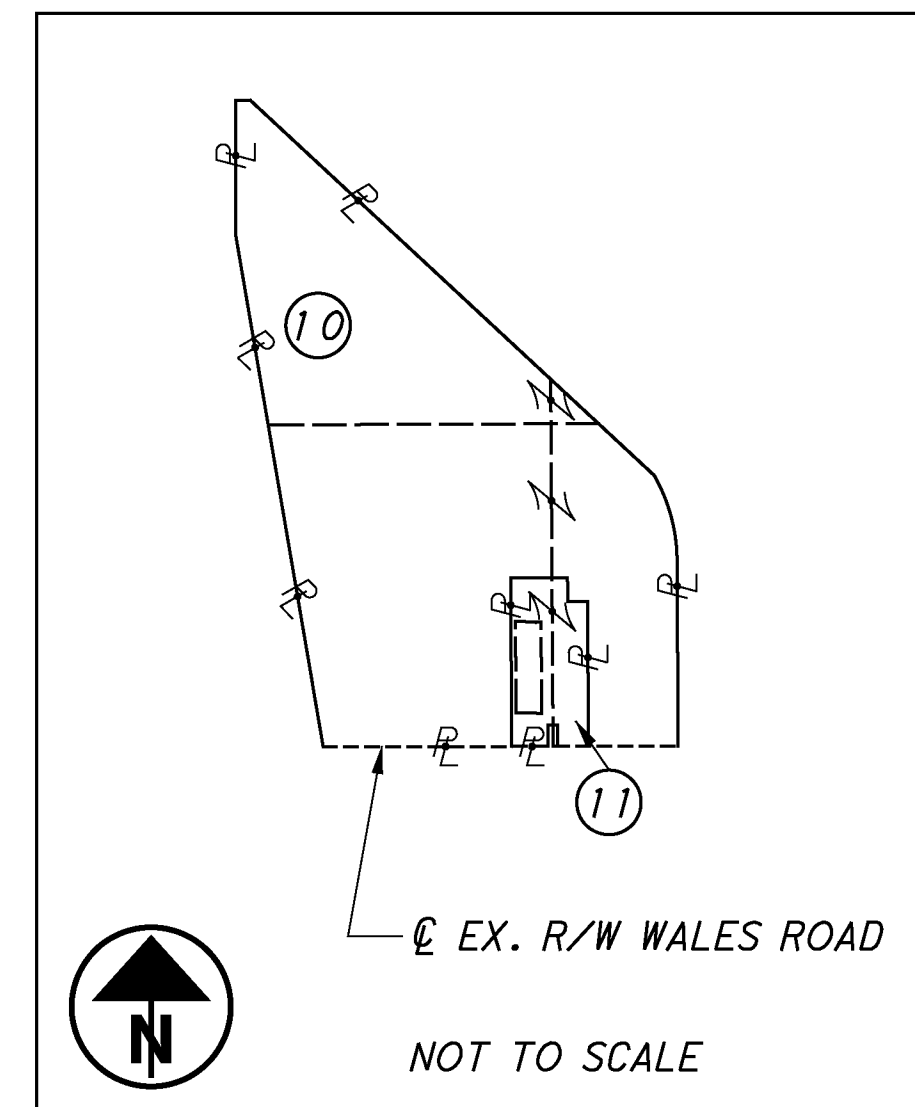
NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.



DETAIL PROPERTIES 18,19,21 & 25



DETAIL PROPERTY NO. 12



DETAIL PROPERTIES 10 & 11

REV. BY	DATE	DESCRIPTION
CPU	07/13/09	UPDATED PARCEL 18 OWNER NAME
CPU	05/19/09	UPDATED PARCEL 11 OWNER NAME
DATE COMPLETED		

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 5/3/2011
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TOTAL NUMBER OF:

20 OWNERSHIPS 1 TOTAL TAKES
47 PARCELS 2 OWNERSHIPS WITH STRUCTURES INVOLVED

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE
ALL AREAS IN ACRES

GRANTEE:
ALL RIGHT OF WAY ACQUIRED IN
THE NAME OF THE CITY OF NORTHWOOD
UNLESS OTHERWISE SHOWN.

PARCEL NO.	OWNER	SHEET NO.	OWNER'S RECORD		AUDITOR'S PARCEL	RECORD AREA (A.C.)	TOTAL P.R.O	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCTURE	NET RESIDUE		TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
1-9	NOT USED													STATE			
10-WDV	LOF GLASS, INC.	8-9	610	125	M50-812-320000020000	47.110	0.584	0.442	0.246	0.196	NO				APPROX. 379' OF CHAIN LINK FENCE AND GATE TO BE REMOVED, 3 TREES		
10-WDV-1		10,35-36	610	125	M50-812-320000017000 M50-812-320000020000	10.030	0.257	0.903	0.215	0.688	NO				APPROX. 554' OF CHAIN LINK FENCE TO BE REMOVED, 9 TREES		
	GRAND TOTAL					57.140	0.841	1.393	0.471	0.922					AUDITOR'S PARCEL SPLIT BASED ON FIELD OBSERVATIONS		
10-TV		8-9			M50-812-320000020000			0.335	0.000	0.335					DITCH CONSTRUCTION, 1 TREE		
10-TV-1		35			M50-812-320000017000			0.074	0.000	0.074					DRIVE CONSTRUCTION, 2 TREES		
11-WDV	BIHN & SONS EXCAVATING, LLC	9,35	O.R. 2891	653	M50-812-320000018000	3.990	0.220	0.703	0.220	0.483	NO				1 TREE & GATE TO BE REMOVED		
			534	322,324,329	M50-812-320000019000	0.930	0.000	0.000	0.000	0.000							
	TOTAL 11-WDV					4.920	0.220	0.703	0.220	0.483			4.217				
11-TV		35			M50-812-320000018000			0.071	0.000	0.071					DRIVE CONSTRUCTION		
11-TV-1		9, 35			M50-812-320000018000			0.021	0.000	0.021					GRADING		
12-SHV	OHIO WASTE SYSTEMS, INC.	8-10, 35-36	591	50	M50-812-320000038000	113.000	0.731	0.440	0.000	0.440	NO				PORTION OF EXISTING EASEMENT TO BE OVERLAPPED, 1 TREE		
			595	60	M50-812-320000039000	0.500	0.091	0.262	0.000	0.262							
			594	43	M50-812-320000040000	37.960	1.769	2.201	0.000	2.201							
	TOTAL 12-SHV					151.460	2.591	2.903	0.000	2.903							
12-SHV-1		10-12, 20-21, 28-29, 31-32,36			M50-812-320000040000			4.327	0.000	4.327	NO				6 TREES		
					M50-812-320000038000			0.003	0.000	0.003							
	TOTAL 12-SHV-1							4.330	0.000	4.330							
	GRAND TOTAL					151.460	2.591	7.233	0.000	7.233			139.628				
12-E		10-12,29,31-32,36						2.008	0.349	1.659							
13-AV	TOLEDO TERMINAL RAILROAD	10,31,36	131	188	M50-812-3200000950200	9.230	0.000	0.133	0.000	0.133	NO				BRIDGE CONSTRUCTION		
13-SV		10,31,36						0.045	0.000	0.045	NO				STORM SEWER CONSTRUCTION		
13-TV		10,31,36						0.184	0.000	0.184					BRIDGE CONSTRUCTION		
14	BROSSIA BROTHERS, AN OHIO GENERAL PARTNERSHIP	29,32	736	959	M50-812-320000042000	9.948	0.451	0.000	0.000	0.000	NO				NO PERMENANT OR TEMP. TAKES REQUIRED		
15	NOT USED																
16-WDV	CITY OF NORTHWOOD	29	752	625	M50-812-320000016002	0.737	0.244	0.737	0.244	0.493	NO	0.000			TOTAL TAKE; DEED RECORD AREA = 0.740 AC.		
17-TV	TERRY L. MAYS AND TERRY L. MAYS, HUSBAND AND WIFE	29,32-33, 37-38	O.R. 2367	143	M50-812-330104057000	1.000	0.374	0.061	0.000	0.061					DRIVE & DITCH CONSTRUCTION		
18-WDV	RONALD E. BIELSKI AND MARTHA J. BIELSKI, TRUSTEES UNDER BIELSKI LIVING TRUST, DATED MAY 29, 1992 (1/5 INT.)	12-14,20 21,28-29 32-33,38-39	O.R. 2067	912	M50-812-330000009000	110.130	1.294	10.026	1.136	8.890	YES				1-STY WOOD BARN, 2-STY FRAME HOUSE, 2 PROPANE TANKS, 1 TREE		
			O.R. 2308	169	M50-812-320000041000	2.440	0.530	0.000	0.000	0.000							
			O.R. 2553	878													
	(SEE NOTE BELOW FOR ADD. OWNERS)					112.570	1.824	10.026	1.136	8.890			5.811	96.045			
														STATE			

PARCEL 18 ADDITIONAL OWNERS:
William Joseph Brossia 1/5 int.
Rosemary Brossia King 1/5 int
Eugene Frederick Brossia 1/5 int
Arnold Paul Brossia 1/5 int

NOTE: O.R. - OFFICIAL RECORD BOOK
D.R. - DEED RECORD BOOK
M.F - MICRO FICHE NUMBER (F - FILE NO.)
I.N. INSTRUMENT NUMBER

* DENOTES RIGHT OF WAY ENCROACHMENT

LEGEND:
WD = WARRANTY DEED
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
CH = CHANNEL EASEMENT
A = AERIAL EASEMENT
S = SEWER EASEMENT
V = IN NAME OF ANOTHER STATE AGENCY, LPA, ETC.

NOTE: ALL TEMPORARY PARCELS TO BE OF 24 MONTH DURATION.
NOTE: (C) DENOTES CALCULATED AREA

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

CPU	9-10-10	ADDED PARCEL 12-E
CPU	11-30-09	CHANGED PARCEL 12 WDV's TO SHV's, UPDATED ACREAGE
CPU	10-29-09	ADDED PARCEL 11-TV-1, UPDATE PERSONALTY
CPU	7-13-09	ADD PARCEL 18 OWNERS, REVISED RESIDUES
CPU	5-11-09	UPDATED PARCEL 11 OWNER NAME AND DEED
CPU	5-5-09	UPDATED AREA FOR PARCEL 10-WDV
CPU	5-5-09	CHANGED 10-TV TO 10-TV-1, ADDED NEW 10-TV
REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY:	CPU	DATE: 05/06/2008
OWNERSHIP VERIFIED BY:	JDH	DATE:
DATE COMPLETED		

BPB	07-21-11	REVISED PARCEL 17 & 18 ACREAGE
CPU	12-15-10	REMOVED PARCEL 14-WDV

FEDERAL PROJECT NO. E050274
 PID NO. 78877
 STATE JOB NO. 426435
 R/W DESIGNER JMA
 R/W REVIEWER CPU
SUMMARY OF ADDITIONAL RIGHT OF WAY
WOO-WALES RD
 5/40
 298
 333

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NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE
ALL AREAS IN ACRES

GRANTEE:
ALL RIGHT OF WAY ACQUIRED IN
THE NAME OF THE CITY OF NORTHWOOD
UNLESS OTHERWISE SHOWN.

PARCEL NO.	OWNER	SHEET NO.	OWNER'S RECORD		AUDITOR'S PARCEL	RECORD AREA (A.C.)	TOTAL P.R.O	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCTURE	NET RESIDUE		TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
18-TV		32			M50-812-33000009000			0.035	0.000	0.035				STATE	DRIVE CONSTRUCTION		
18-TV-1		33,38			M50-812-33000009000			0.009	0.000	0.009					GRADING		
19-AV	PENNSYLVANIA LINES, LLC	14,15,39	O.R. 2184	710-720	M50-812-330000920200	12.200	0.000	0.343	0.000	0.343	NO				BRIDGE CONSTRUCTION		
			O.R. 2184	710-720	M50-812-330104920200	1.960	0.000	0.000	0.000	0.000							
			O.R. 2184	710-720	M50-812-320000920201	19.640	0.000	0.000	0.000	0.000							
	TOTAL 19-AV					33.800	0.000	0.343	0.000	0.343							
19-CHV		23-24,30,33,37-38			M50-812-330104920200	1.960	0.000	0.355	0.000	0.355	NO				CHANNEL CONSTRUCTION		
					M50-812-330000920200	19.640	0.000	0.001	0.000	0.001							
	TOTAL 19-CHV							0.356	0.000	0.356							
19-CHV-1		22-23,30,37			M50-812-320000920201	19.640	0.000	0.094	0.000	0.094	NO				CHANNEL CONSTRUCTION		
19-SHV		14,15,39			M50-812-330000920200	12.200	0.000	0.020	0.000	0.020	NO	3.260	8.920		BRIDGE CONSTRUCTION		
19-SV		23,30,37			M50-812-320000920201	19.640	0.000	0.094	0.000	0.094	NO				STORM SEWER CONSTRUCTION		
					M50-812-330104920200	1.960	0.000	0.001	0.000	0.001							
	TOTAL 19-SV							0.095	0.000	0.095							
19-TV		29,30,37			M50-812-320000920201			0.039	0.000	0.039					BRIDGE CONSTRUCTION		
					M50-812-330104920200			0.020	0.000	0.020							
	TOTAL 19-TV							0.059	0.000	0.059							
19-TV-1		14,15,39			M50-812-330000920200			0.437	0.000	0.437					BRIDGE CONSTRUCTION		
20-WDV	VICKY LYNN WEILAND NKA VICKY LYNN PIERCE (50%), EDWIN J. WEILAND (25%) AND LYNNE C. WEILAND (25%)	23-24,30,33,37-38	520	99	M50-812-330104056000	4.020	0.089	1.897	0.089	1.808	NO	2.123					
21-WDV	GR-HD PROPERTIES, LLC, A MICHIGAN LIMITED LIABILITY COMPANY	24-26,33,38	761	428	M-50-812-330000080000	8.000	0.593	0.666	0.593	0.073	NO				APPROX. 313' OF CHAIN LINK FENCE AND GATE TO BE REMOVED, 13 TREES, PRIVATE SIGNS		
21-WDV-1		15,39						0.565	0.000	0.565	NO						
	GRAND TOTAL					8.000	0.593	1.231	0.593	0.638		6.769					
21-TV		24,25						0.175	0.000	0.175					DRIVE AND DITCH CONSTRUCTION		
22-WDV	EDWIN J. WEILAND AND LYNNE C. WEILAND	24,33	764	691	M50-812-330104058000	9.130	0.141	0.434	0.141	0.293	NO						
22-WDV-1		25,26	606	658	M50-812-330104059000	4.130	0.117	0.293	0.117	0.176	NO						
			752	1002	M50-812-330104060000	10.330	0.293	0.671	0.293	0.378							
	TOTAL 22-WDV-1					14.460	0.410	0.964	0.410	0.554							
	GRAND TOTAL					23.590	0.551	1.398	0.551	0.847		22.192					
23-WDV	MERVIN E. SPENCER AND PAMELA S. SPENCER	24,25	O.R. 2530	869	M50-812-330104058001	0.580	0.076	0.192	0.076	0.116	NO	0.388			6 TREES		
24-WDV	EARL E. WEILAND AND ESTHER M. WEILAND	25	732	811	M50-812-330104058002	0.580	0.076	0.193	0.076	0.117	NO	0.387		STATE	9 TREES		

* DENOTES RIGHT OF WAY ENCROACHMENT
NOTE: ALL TEMPORARY PARCELS TO BE OF 24 MONTH DURATION.
NOTE: (C) DENOTES CALCULATED AREA

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

NOTE: O.R. - OFFICIAL RECORD BOOK
D.R. - DEED RECORD BOOK
M.F - MICRO FICHE NUMBER (F - FILE NO.)
I.N. INSTRUMENT NUMBER

LEGEND:
WD = WARRANTY DEED
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
CH = CHANNEL EASEMENT
A = AERIAL EASEMENT
S = SEWER EASEMENT
V = IN NAME OF ANOTHER STATE AGENCY, LPA, ETC.

BPB	07/21/11	REVISED PARCEL 19, 20 & 21 ACREAGES
CPU	10/27/10	REVISED PARCEL 19-SHV
CPU	3/22/10	REVISED PARCEL 19-CHV
CPU	10/29/09	REVISED PARCELS 21-WDV AND 21-TV
REV. BY	DATE	DESCRIPTION
		FIELD REVIEW BY: CPU DATE: 05/06/2008
		OWNERSHIP VERIFIED BY: JDH DATE:
		DATE COMPLETED

FEDERAL PROJECT NO. E050274
 PID NO. 78877
 STATE JOB NO. 426435
 R/W DESIGNER JMA
 R/W REVIEWER CPU
SUMMARY OF ADDITIONAL RIGHT OF WAY
WOO-WALES RD
 6/40
 299
 333

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 \$DATE\$

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE
ALL AREAS IN ACRES

GRANTEE:
ALL RIGHT OF WAY ACQUIRED IN
THE NAME OF THE CITY OF NORTHWOOD
UNLESS OTHERWISE SHOWN.

PARCEL NO.	OWNER	SHEET NO.	OWNER'S RECORD		AUDITOR'S PARCEL	RECORD AREA (A.C.)	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCTURE	NET RESIDUE		TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
25-WDV	SIMON FAMILY LIMITED PARTNERSHIP	15-19,	695	816	M50-812-330000006000	101.620	0.460	1.771	0.460	1.311	NO			STATE			
		26-27,34	719	117	M50-812-330000007000	38.560	0.827	9.891	0.827	9.064							
			719	331													
			719	700													
			720	92													
	TOTAL 25-WDV					140.180	1.287	11.662	1.287	10.375			7.611	120.907			
25-TV		19			M50-812-330000006000			0.032	0.000	0.032					GRADING		
25-TV-1		15,39			M50-812-330000007000			0.026	0.000	0.026					GRADING		
25-E		15-17,26-27			M50-812-330000007000			7.611	0.000	7.611							
26-WDV	FAITH TABERNACLE CHURCH OF GOD, INC.	26,27,34	752	1001	M50-812-330104061000	10.360	0.293	0.400	0.293	0.107	S		9.960		PRIVATE SIGN WITH SPOT LIGHTS		
26-TV		26						0.006	0.000	0.006					DRIVE CONSTRUCTION		
27-WDV	VICKY LYNN PIERCE	34	754	147	M50-812-330104062000	10.350	0.076	0.115	0.076	0.039	NO				LANDSCAPING, POSTS/BOLLARDS		
			754	151	M50-812-330104062001	0.610	0.079	0.083	0.079	0.004							
			618	291	M50-812-330104062002	0.610	0.079	0.112	0.079	0.033							
			754	149	M50-812-330104063000	0.820	0.117	0.156	0.117	0.039							
	TOTAL 27-WDV					12.390	0.351	0.466	0.351	0.115			11.924				
27-TV		34			M50-812-330104062001			0.021	0.000	0.021					DRIVE CONSTRUCTION, 1 TREE		
					M50-812-330104062002			0.004	0.000	0.004							
	TOTAL 27-TV							0.025	0.000	0.025							
27-TV-1		34			M50-812-330104062002			0.011	0.000	0.011					DRIVE CONSTRUCTION		
					M50-812-330104062000			0.005	0.000	0.005							
	TOTAL 27-TV-1							0.016	0.000	0.016							
27-TV-2		34			M50-812-330104062000			0.004	0.000	0.004					DRIVE CONSTRUCTION		
					M50-812-330104063000			0.003	0.000	0.003							
	TOTAL 27-TV-2							0.007	0.000	0.007							
27-TV-3		34			M50-812-330104063000			0.029	0.000	0.029					DRIVE CONSTRUCTION		
28-TV	CITY OF NORTHWOOD	18,19	303	492	M50-812-330218001000	1.740	0.077	0.077	0.000	0.077					DITCH AND DRIVE CONSTRUCTION,		
			303	492	M50-812-330218002000	1.210	0.070	0.070	0.000	0.070					5 TREES		
			490	542	M50-812-330218003000	13.750	0.170	0.170	0.000	0.170							
	TOTAL 28-TV					16.700	0.317	0.317	0.000	0.317							
29-WDV	JOSEPH T. FOOR, SR. AND KATHERINE J. FOOR	22-23, 30,37	738	822	M50-812-330104055000	2.630	0.135	0.449	0.135	0.314	NO		2.181		11 TREES, 1 STUMP		
30-WDV	JIMMY A. WILBURN AND BONNIE WILBURN	22-23, 30,37	670	938	M50-812-320000015000	4.460	0.000	0.142	0.000	0.142	NO				7 TREES		
					M50-812-320000016000	1.069	0.434	1.057	0.434	0.623							
	TOTAL					5.529	0.434	1.199	0.434	0.765			4.330				
31-WDV	ROBERT E. KING AND DONAMAY K. KING, TRUSTEES	22,30	761	166	M50-812-330104054000	4.648	0.235	0.212	0.128	0.084	NO		4.329		1 TREE		
														STATE			

* DENOTES RIGHT OF WAY ENCROACHMENT

NOTE: ALL TEMPORARY PARCELS TO BE OF 24 MONTH DURATION.

NOTE: (C) DENOTES CALCULATED AREA

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

NOTE: O.R. - OFFICIAL RECORD BOOK
D.R. - DEED RECORD BOOK
M.F - MICRO FICHE NUMBER (F - FILE NO.)
I.N. INSTRUMENT NUMBER

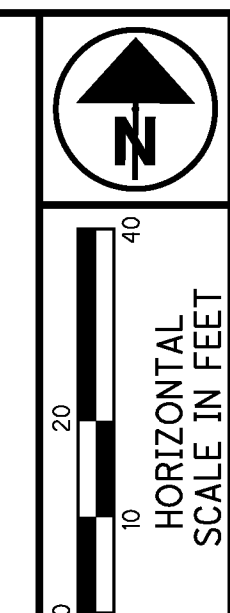
LEGEND:
WD = WARRANTY DEED
SH = STANDARD HIGHWAY EASEMENT
T = TEMPORARY EASEMENT
CH = CHANNEL EASEMENT
A = AERIAL EASEMENT
S = SEWER EASEMENT
V = IN NAME OF ANOTHER STATE AGENCY, LPA, ETC.

BPB	07/21/11	REVISED PARCEL 25 & 30 ACREAGES
CPU	06/27/11	ADDED PARCEL 25-E
REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY:		CPU DATE: 05/06/2008
OWNERSHIP VERIFIED BY:		JDH DATE:
DATE COMPLETED		

FEDERAL PROJECT NO. E050274
 PID NO. 78877
 STATE JOB NO. 426435
 R/W DESIGNER JMA
 R/W REVIEWER CPU
SUMMARY OF ADDITIONAL RIGHT OF WAY
WOO-WALES RD
 7/40
 300
 333

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**WOOD COUNTY
SE 1/4 & NE 1/4 OF SECTION 32
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**



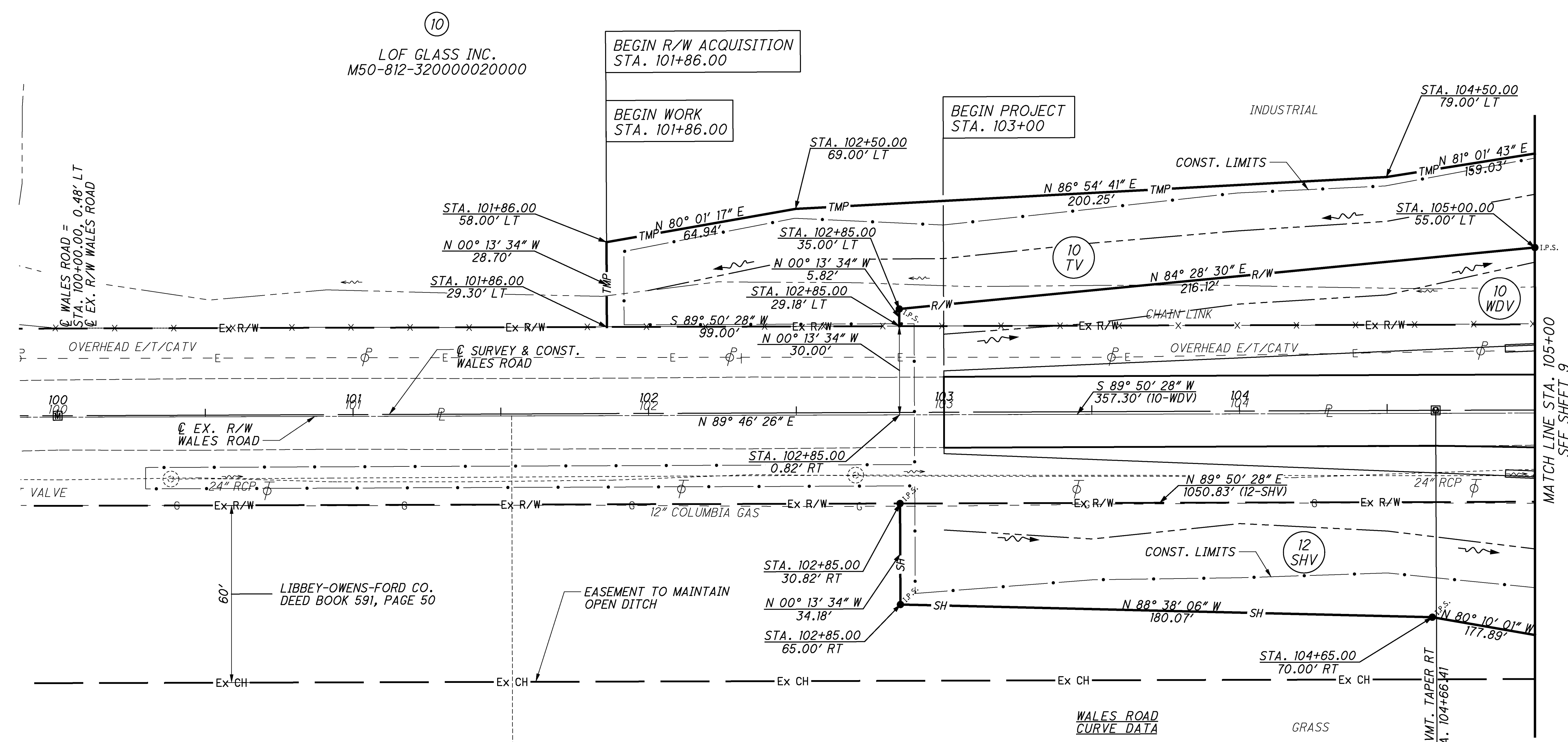
PLD NO.
78877

CALCULATED
JMA
CHECKED
CPU

**RIGHT OF WAY PLAN - WALES ROAD
STA. 102+85 TO STA. 105+00**

WOO-WALES RD

8 / 40
301
333



**WALES ROAD
CURVE DATA**
P.I. STA. 106+74.99
 $\Delta = 14^\circ 03' 34''$ (RT)
 $Dc = 05^\circ 00' 00''$
 $R = 1,145.92'$
 $Ls = 134.40'$
 $\theta s = 03^\circ 21' 36''$
 $LT = 89.62'$
 $ST = 44.81'$
 $x = 134.35'$
 $y = 2.63'$
 $k = 67.19'$
 $p = 0.66'$
 $\Delta c = 07^\circ 20' 22''$ (RT)
 $Lc = 146.79'$
 $Ts = 208.58'$
 $\theta_{max} = 0.056$

- NOTES:**
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED ϕ SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION
CPU	11-30-09	CHANGE 12-WDV TO 12-SHV, RE-DIMENSIONED
CPU	5-5-09	CHANGED STATION LIMIT FLAGS
CPU	5-5-09	CHANGED LIMITS AND LABELS OF PARCEL 10-WDV
CPU	5-5-09	ADDED PARCEL 10-TV AND ASSOCIATED LABELS
DATE COMPLETED		

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WOOD COUNTY
SE 1/4 & NE 1/4 OF SECTION 32
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD

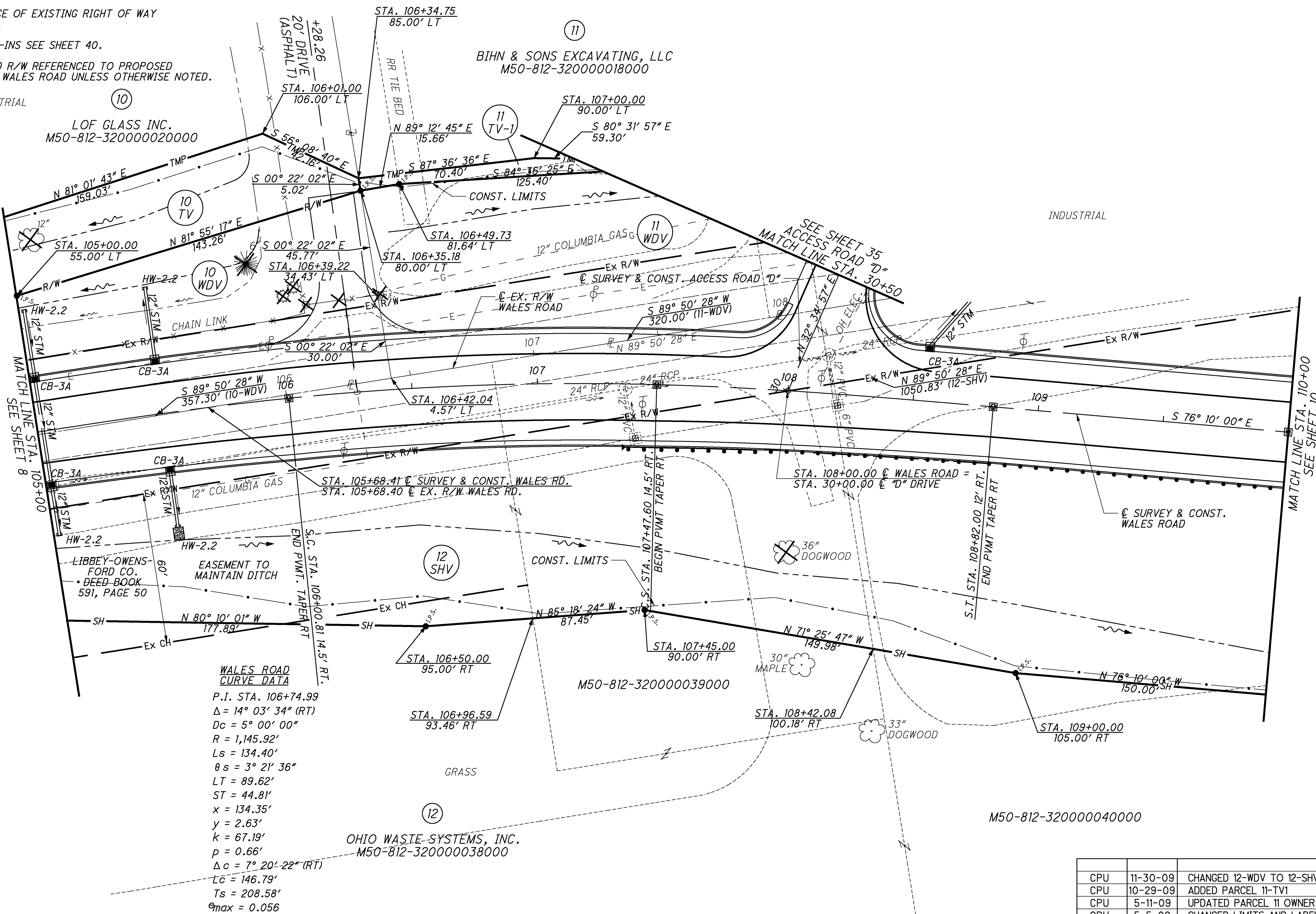
NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

INDUSTRIAL

LOF GLASS INC.
M50-812-320000020000

BIHN & SONS EXCAVATING, LLC
M50-812-320000018000



WALES ROAD CURVE DATA

P.I. STA. 106+74.99
 $\Delta = 14^\circ 03' 34''$ (RT)
 $D_c = 5^\circ 00' 00''$
 $R = 1,145.92'$
 $L_s = 134.40'$
 $\theta_s = 3^\circ 21' 36''$
 $LT = 89.62'$
 $ST = 44.81'$
 $x = 134.35'$
 $y = 2.63'$
 $k = 67.19'$
 $p = 0.66'$
 $\Delta c = 7^\circ 20' 22''$ (RT)
 $L_c = 146.79'$
 $T_s = 208.58'$
 $\theta_{max} = 0.056$

OHIO WASTE SYSTEMS, INC.
M50-812-320000038000

M50-812-320000039000

M50-812-320000040000



PID NO. 78877

CALCULATED JMA
 CHECKED CPU

RIGHT OF WAY PLAN - WALES ROAD
STA. 105+00 TO STA. 110+00

WOO - WALES RD

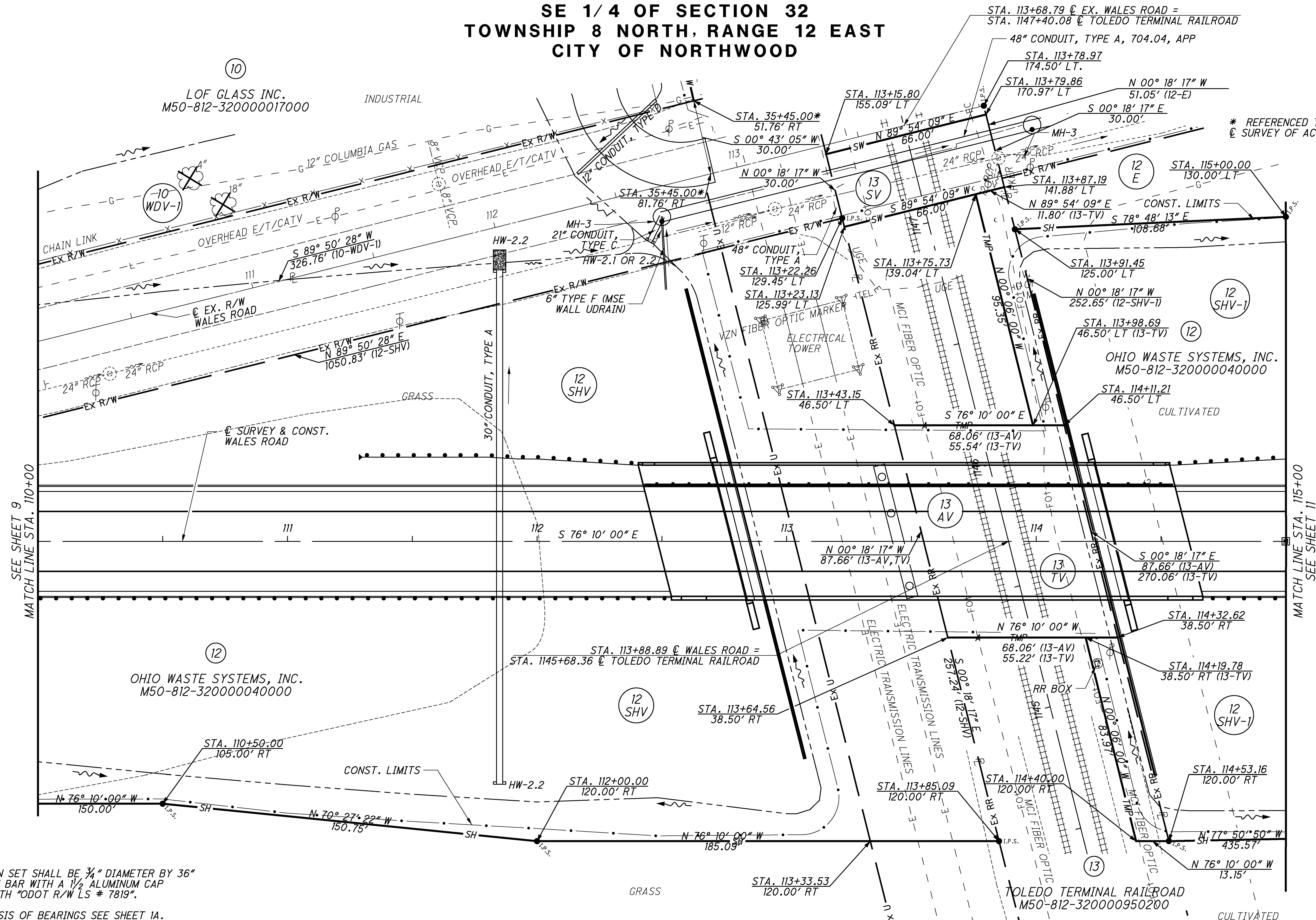
REV. BY	DATE	DESCRIPTION
CPU	11-30-09	CHANGED 12-WDV TO 12-SHV, RE-DIMENSIONED
CPU	10-29-09	ADDED PARCEL 11-TV1
CPU	5-11-09	UPDATED PARCEL 11 OWNER NAME
CPU	5-5-09	CHANGED LIMITS AND LABELS OF PARCEL 10-WDV
CPU	5-5-09	ADDED PARCEL 10-TV & ASSOCIATED LABELS
DATE COMPLETED		

9 / 40

302
333

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**WOOD COUNTY
SE 1/4 OF SECTION 32
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**



- NOTES:
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED C SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION
CPU	9/10/10	ADDED 12-E LABELS
CPU	11/30/09	CHANGED 12-WDV-1 TO 12-SHV-1, RE-DIMENSIONED
CPU	11/30/09	CHANGED 12-WDV TO 12-SHV, RE-DIMENSIONED
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET

PID NO. 78877

CALCULATED: JMA
CHECKED: CPU

**RIGHT OF WAY PLAN - WALES ROAD
STA. 110+00 TO STA. 115+00**

WOO-WALES RD

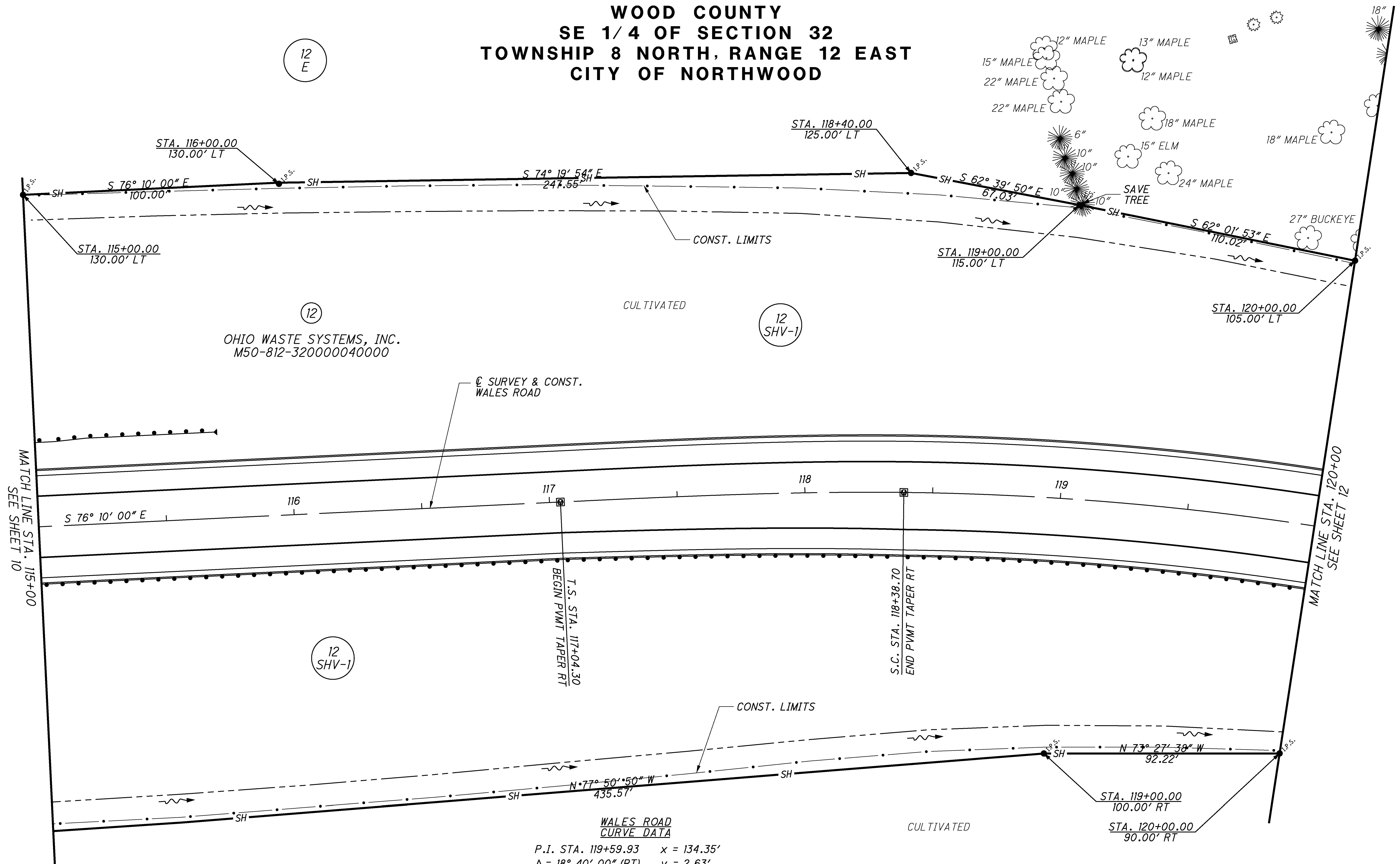
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333

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**WOOD COUNTY
SE 1/4 OF SECTION 32
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**



OHIO WASTE SYSTEMS, INC.
M50-812-320000040000

**WALES ROAD
CURVE DATA**

P.I. STA. 119+59.93	x = 134.35'
Δ = 18° 40' 00" (RT)	y = 2.63'
Dc = 05° 00' 00"	k = 67.19'
R = 1,145.92'	p = 0.66'
Ls = 134.40'	Δc = 11° 56' 48" (RT)
θs = 03° 21' 36"	Lc = 238.93'
LT = 89.62'	Ts = 255.64'
ST = 44.81'	θmax = 0.056

- NOTES:**
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION
CPU	9/10/10	ADDED 12-E
CPU	11/30/09	CHANGED 12-WDV-1 TO 12-SHV-1

**RIGHT OF WAY PLAN - WALES ROAD
STA. 115+00 TO STA. 120+00**

WOO-WALES RD

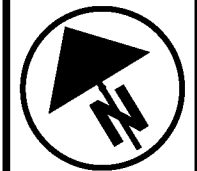
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333

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WOOD COUNTY
SE 1/4 OF SECTION 32 & SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD

* REFERENCED TO PROPOSED
 § SURVEY OF ACCESS ROAD "A"

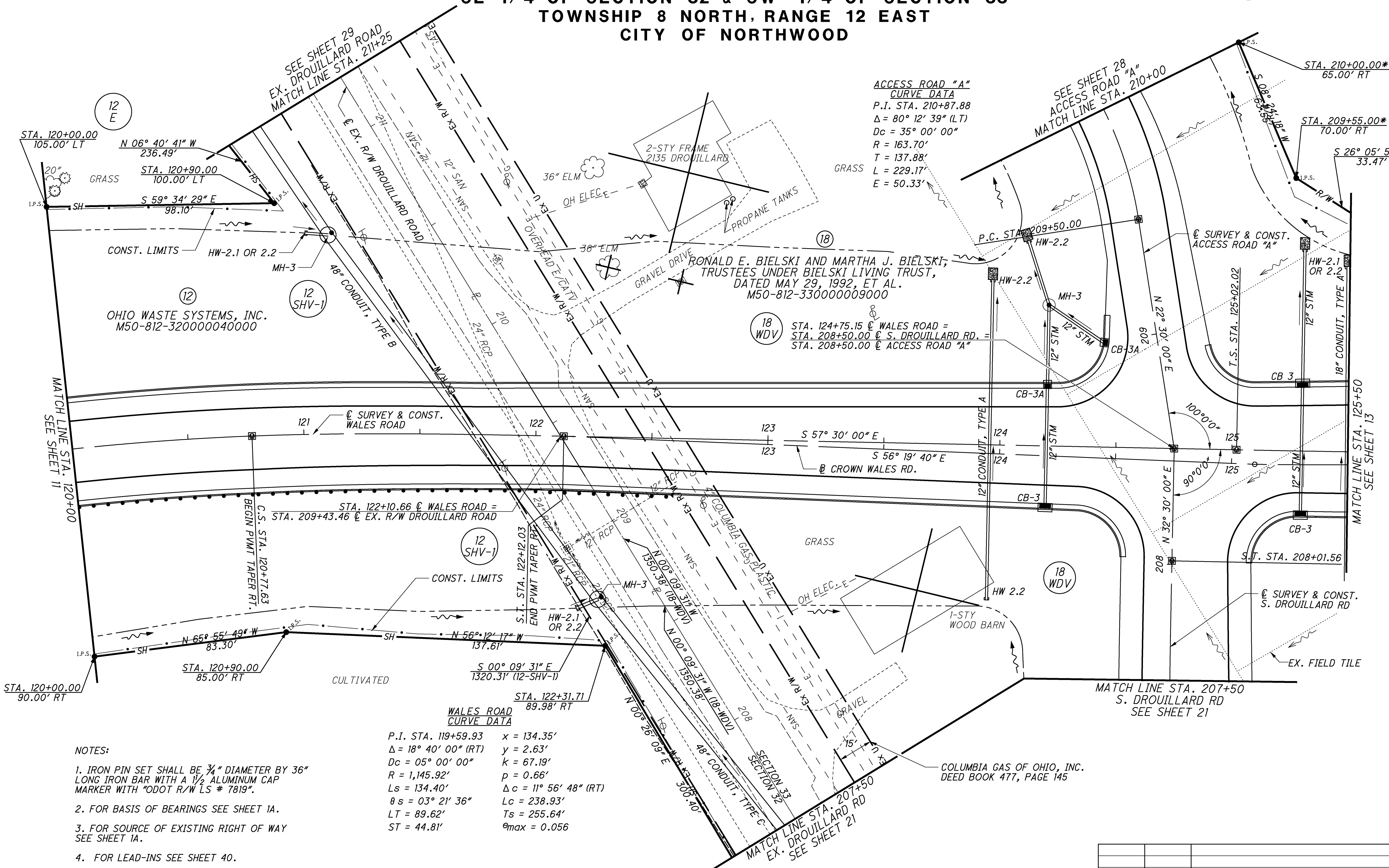


20
10
0
HORIZONTAL
SCALE IN FEET

PID NO. 78877
 CALCULATED JMA
 CHECKED CPU

RIGHT OF WAY PLAN - WALES ROAD
STA. 120+00 TO STA. 125+50

WOO-WALES RD



ACCESS ROAD "A"
CURVE DATA
 P.I. STA. 210+87.88
 $\Delta = 80^\circ 12' 39''$ (LT)
 $Dc = 35^\circ 00' 00''$
 $R = 163.70'$
 $T = 137.88'$
 $L = 229.17'$
 $E = 50.33'$

18 WDV STA. 124+75.15 § WALES ROAD =
 STA. 208+50.00 § S. DROUILLARD RD. =
 STA. 208+50.00 § ACCESS ROAD "A"

WALES ROAD
CURVE DATA
 P.I. STA. 119+59.93 $x = 134.35'$
 $\Delta = 18^\circ 40' 00''$ (RT) $y = 2.63'$
 $Dc = 05^\circ 00' 00''$ $k = 67.19'$
 $R = 1,145.92'$ $p = 0.66'$
 $Ls = 134.40'$ $\Delta c = 11^\circ 56' 48''$ (RT)
 $\theta s = 03^\circ 21' 36''$ $Lc = 238.93'$
 $LT = 89.62'$ $Ts = 255.64'$
 $ST = 44.81'$ $\theta_{max} = 0.056$

- NOTES:**
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED § SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION
CPU	9/10/10	ADDED PARCEL 12-E
CPU	11/30/09	REVISED PARCEL 12-SHV-1, RE-DIMENSIONED
CPU	11/30/09	CHANGED 12-WDV-1 TO 12-SHV-1
CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
DATE COMPLETED		

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12 / 40
 305
 333

NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

WOOD COUNTY
SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD

WALES ROAD
CURVE DATA

P.I. STA. 128+99.32	x1 = 179.08'
$\Delta = 39^\circ 53' 07''$ (LT)	x2 = 143.90'
Dc = $06^\circ 45' 00''$	y1 = 6.31'
R = 848.83'	y2 = 4.07'
Ls1 = 179.28'	k1 = 89.61'
Ls2 = 144.00'	k2 = 71.98'
$\theta s1 = 06^\circ 03' 03''$	p1 = 1.58'
$\theta s2 = 04^\circ 51' 36''$	p2 = 1.02'
LT1 = 119.59'	$\Delta c = 28^\circ 58' 28''$ (LT)
LT2 = 96.04'	Lc = 429.25'
ST1 = 59.82'	Ts1 = 397.29'
ST2 = 48.03'	Ts2 = 381.21'
	$e_{max} = 0.060$



PID NO.
78877

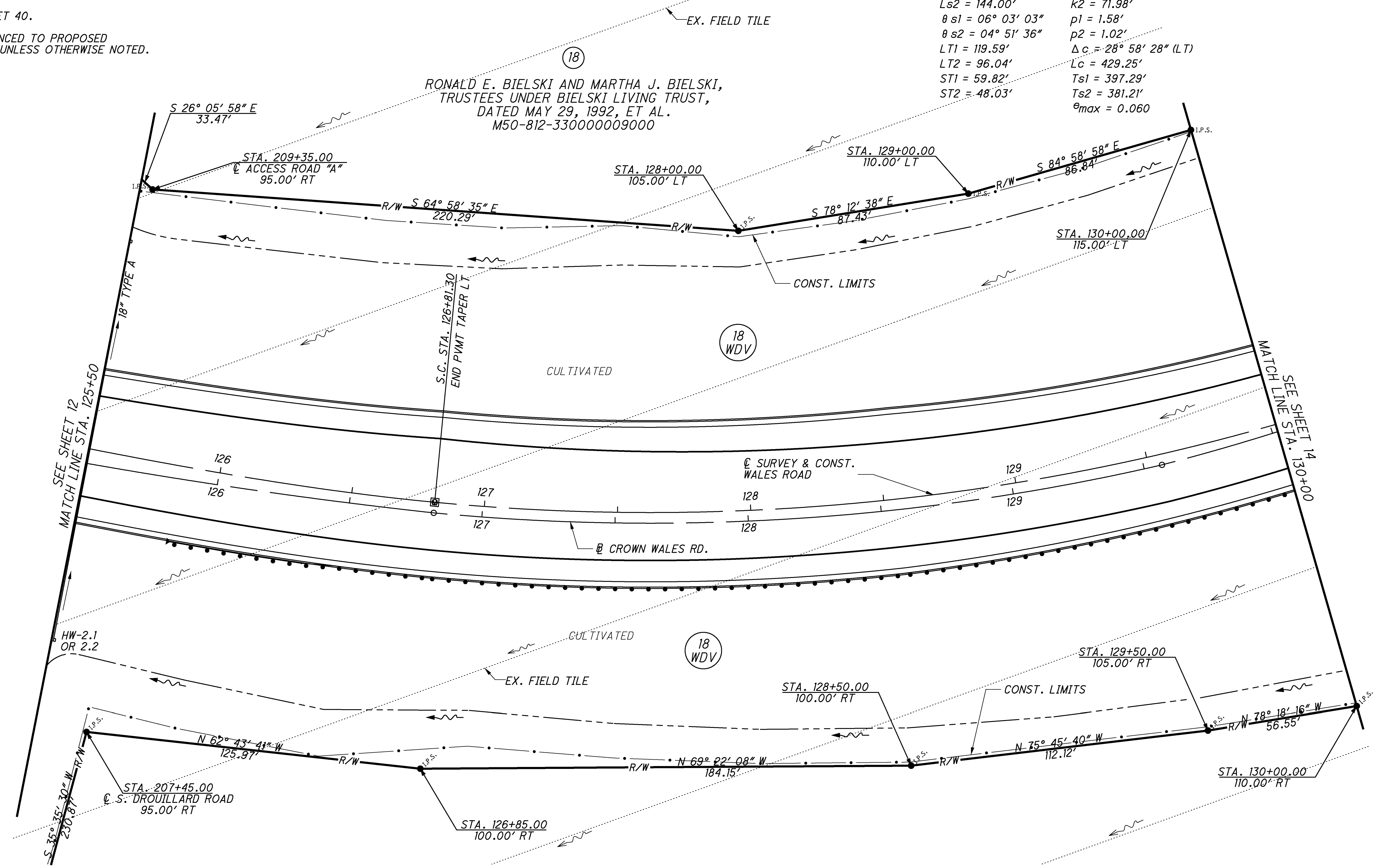
CALCULATED
JMA
CHECKED
CPU

RIGHT OF WAY PLAN - WALES ROAD
STA. 125+50 TO STA. 130+00

WOO-WALES RD

13 / 40

306
333

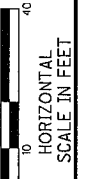


RONALD E. BIELSKI AND MARTHA J. BIELSKI,
 TRUSTEES UNDER BIELSKI LIVING TRUST,
 DATED MAY 29, 1992, ET AL.
 M50-812-330000009000

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CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
REV. BY	DATE	DESCRIPTION

**WOOD COUNTY
SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**



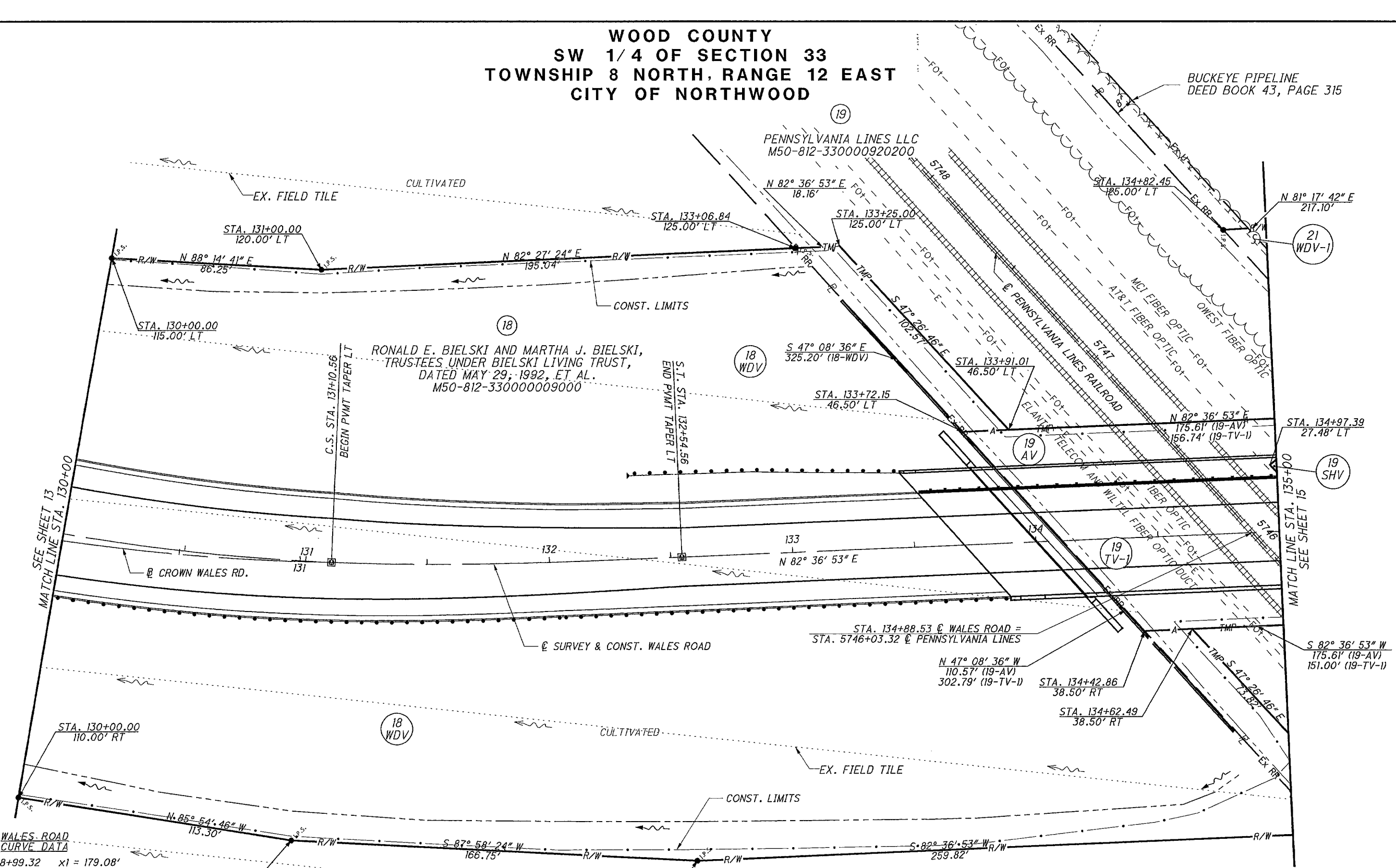
PID NO. 78877

CALCULATED JMA
CHECKED CPU

**RIGHT OF WAY PLAN - WALES ROAD
STA. 130+00 TO STA. 135+00**

WOO-WALES RD

14/40
307
333



WALES ROAD CURVE DATA

P.I. STA. 128+99.32	x1 = 179.08'
Δ = 39° 53' 07" (LT)	x2 = 143.90'
Dc = 06° 45' 00"	y1 = 6.31'
R = 848.83'	y2 = 4.07'
Ls1 = 179.28'	k1 = 89.61'
Ls2 = 144.00'	k2 = 71.98'
θs1 = 06° 03' 03"	p1 = 1.58'
θs2 = 04° 51' 36"	p2 = 1.02'
LT1 = 119.59'	Δc = 28° 58' 28" (LT)
LT2 = 96.04'	Lc = 429.25'
ST1 = 59.82'	Ts1 = 397.29'
ST2 = 48.03'	Ts2 = 381.21'
	θmax = 0.060

- NOTES:**
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION
BPB	07/21/11	REVISED EX. RR R/W AND ADJOINING PARCELS
CPU	10/27/10	REVISED PARCEL 19-SHV
CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
DATE COMPLETED		

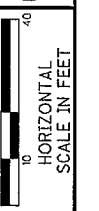
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WOOD COUNTY
SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD

NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

- (A) N 42° 54' 53" E, 12.00'
- (B) S 47° 05' 07" E, 71.00'
- (C) S 42° 54' 53" W, 12.00'
- (D) N 47° 05' 07" W, 71.00'
- (E) STA. 135+06.62, 35.15' LT
- (F) STA. 135+51.97, 19.48' RT
- (G) STA. 135+42.74, 27.15' RT
- (H) S 47° 26' 46" E, 73.82'
- (J) S 29° 17' 22" W, 15.92'
- (K) S 47° 08' 36" E, 325.20'



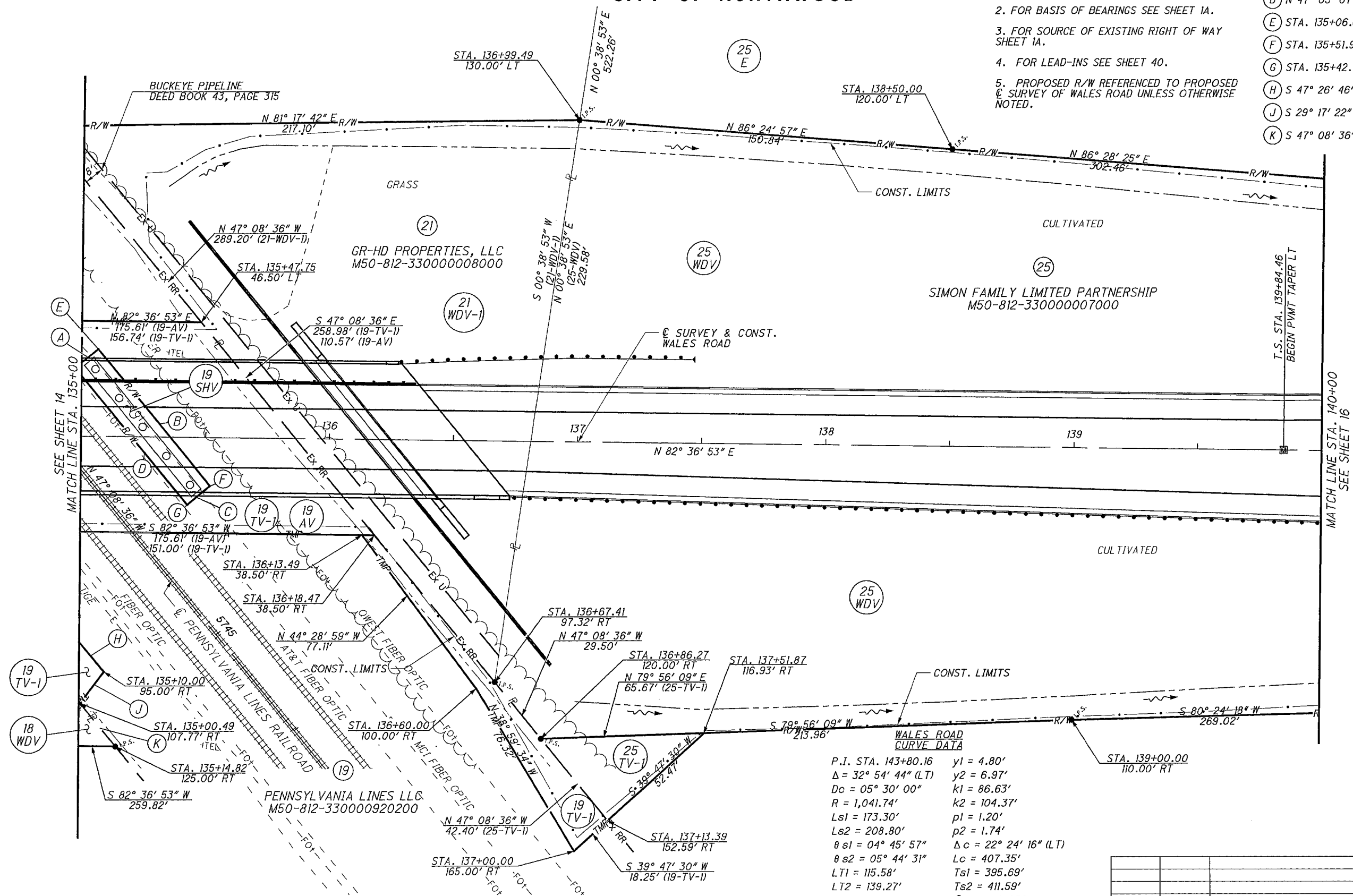
PID NO.
78877

CALCULATED JMA
CHECKED CPU

RIGHT OF WAY PLAN - WALES ROAD
STA. 135+00 TO STA. 140+00

WOO-WALES RD

15 / 40
 308
 333



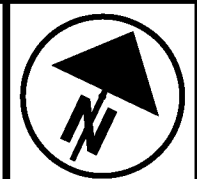
WALES ROAD CURVE DATA

P.I. STA. 143+80.16	y1 = 4.80'
Δ = 32° 54' 44" (LT)	y2 = 6.97'
Dc = 05° 30' 00"	k1 = 86.63'
R = 1,041.74'	k2 = 104.37'
Ls1 = 173.30'	pl = 1.20'
Ls2 = 208.80'	p2 = 1.74'
θ s1 = 04° 45' 57"	Δc = 22° 24' 16" (LT)
θ s2 = 05° 44' 31"	Lc = 407.35'
LT1 = 115.58'	Ts1 = 395.69'
LT2 = 139.27'	Ts2 = 411.59'
ST1 = 57.80'	θmax = 0.058
ST2 = 69.67'	
x1 = 173.18'	
x2 = 208.59'	

REV. BY	DATE	DESCRIPTION
BPB	07/25/11	REVISED EX. RR R/W AND ADJOINING PARCELS
CPU	06/27/11	ADDED PARCEL 25-E
CPU	10/27/10	REVISED PARCEL 19-SHV

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**WOOD COUNTY
SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**



PID NO. 78877

CALCULATED: JMA
CHECKED: CPU

RIGHT OF WAY PLAN - WALES ROAD
STA. 140+00 TO STA. 145+00

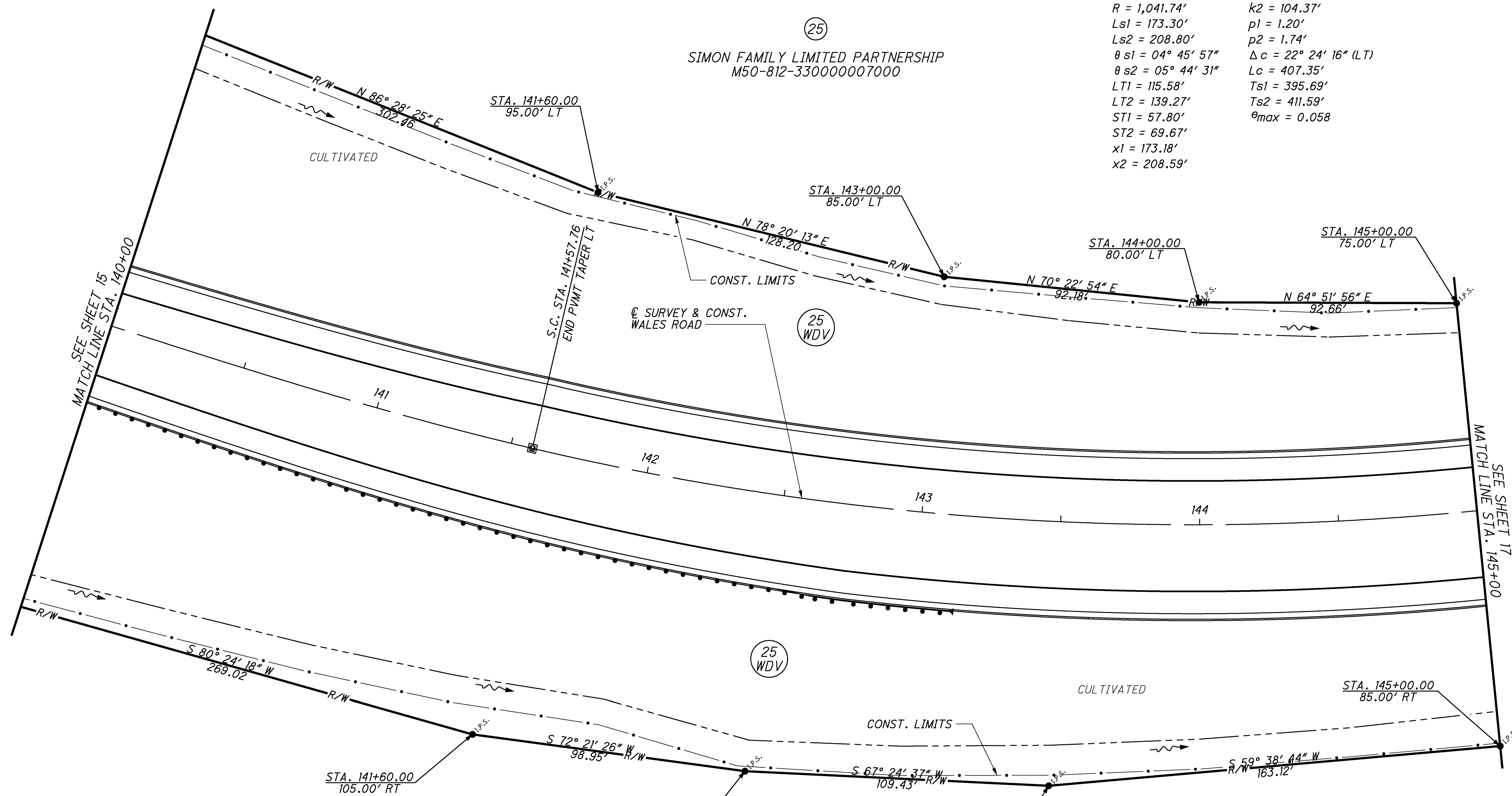
WOO-WALES RD

16 / 40

309
333

**WALES ROAD
CURVE DATA**

P.I. STA. 143+80.16 y1 = 4.80'
 $\Delta = 32^\circ 54' 44''$ (LT) y2 = 6.97'
 Dc = 05° 30' 00" k1 = 86.63'
 R = 1,041.74' k2 = 104.37'
 Ls1 = 173.30' p1 = 1.20'
 Ls2 = 208.80' p2 = 1.74'
 $\theta s1 = 04^\circ 45' 57''$ $\Delta c = 22^\circ 24' 16''$ (LT)
 $\theta s2 = 05^\circ 44' 31''$ Lc = 407.35'
 LT1 = 115.58' Ts1 = 395.69'
 LT2 = 139.27' Ts2 = 411.59'
 ST1 = 57.80' $\theta_{max} = 0.058$
 ST2 = 69.67'
 x1 = 173.18'
 x2 = 208.59'



- NOTES:**
1. IRON PIN SET SHALL BE $\frac{3}{4}$ " DIAMETER BY 36" LONG IRON BAR WITH A $\frac{1}{2}$ " ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED \odot SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION

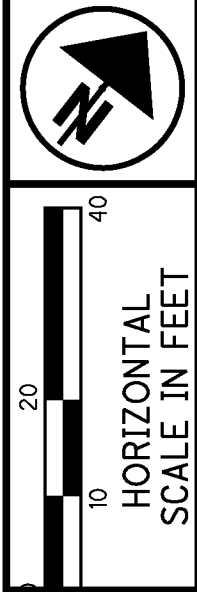
DATE COMPLETED

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**WOOD COUNTY
SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**

NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SHOWN SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.



PID NO.
78877

CALCULATED
JMA
CHECKED
CPU

**RIGHT OF WAY PLAN - WALES ROAD
STA. 145+00 TO STA. 150+00**

WOO-WALES RD

17 / 40

310
333

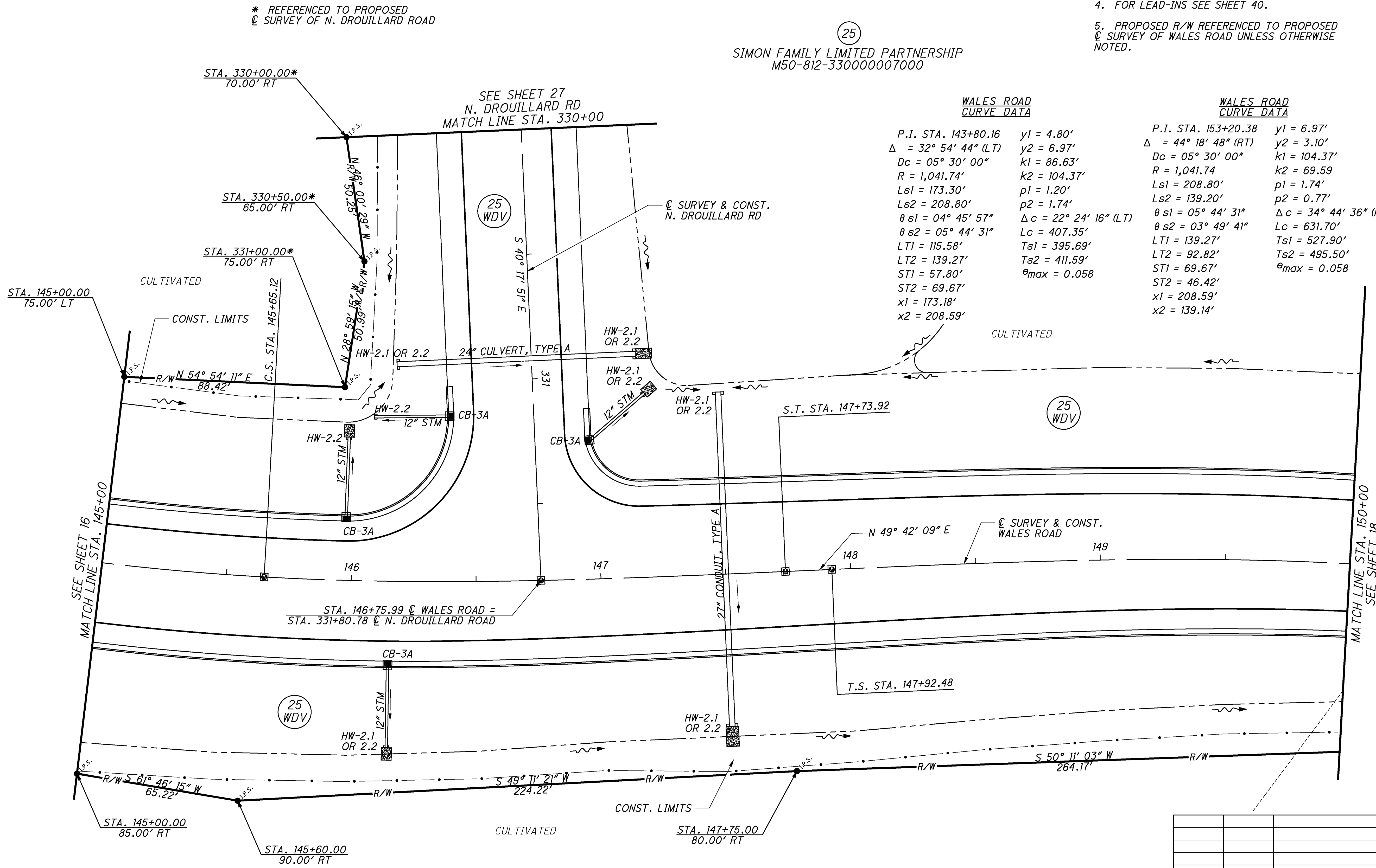
25
SIMON FAMILY LIMITED PARTNERSHIP
M50-812-33000007000

**WALES ROAD
CURVE DATA**

P.I. STA. 143+80.16 y1 = 4.80'
 $\Delta = 32^\circ 54' 44''$ (LT) y2 = 6.97'
 Dc = 05° 30' 00" k1 = 86.63'
 R = 1,041.74' k2 = 104.37'
 Ls1 = 173.30' p1 = 1.20'
 Ls2 = 208.80' p2 = 1.74'
 $\theta s1 = 04^\circ 45' 57''$ $\Delta c = 22^\circ 24' 16''$ (LT)
 $\theta s2 = 05^\circ 44' 31''$ Lc = 407.35'
 LT1 = 115.58' Ts1 = 395.69'
 LT2 = 139.27' Ts2 = 411.59'
 ST1 = 57.80' $\theta_{max} = 0.058$
 ST2 = 69.67'
 x1 = 173.18'
 x2 = 208.59'

**WALES ROAD
CURVE DATA**

P.I. STA. 153+20.38 y1 = 6.97'
 $\Delta = 44^\circ 18' 48''$ (RT) y2 = 3.10'
 Dc = 05° 30' 00" k1 = 104.37'
 R = 1,041.74' k2 = 69.59'
 Ls1 = 208.80' p1 = 1.74'
 Ls2 = 139.20' p2 = 0.77'
 $\theta s1 = 05^\circ 44' 31''$ $\Delta c = 34^\circ 44' 36''$ (RT)
 $\theta s2 = 03^\circ 49' 41''$ Lc = 631.70'
 LT1 = 139.27' Ts1 = 527.90'
 LT2 = 92.82' Ts2 = 495.50'
 ST1 = 69.67' $\theta_{max} = 0.058$
 ST2 = 46.42'
 x1 = 208.59'
 x2 = 139.14'



* REFERENCED TO PROPOSED
SURVEY OF N. DROUILLARD ROAD

SEE SHEET 27
N. DROUILLARD RD
MATCH LINE STA. 330+00

STA. 145+00.00
75.00' LT

STA. 330+00.00*
70.00' RT

STA. 330+50.00*
65.00' RT

STA. 331+00.00*
75.00' RT

STA. 145+00.00
85.00' RT

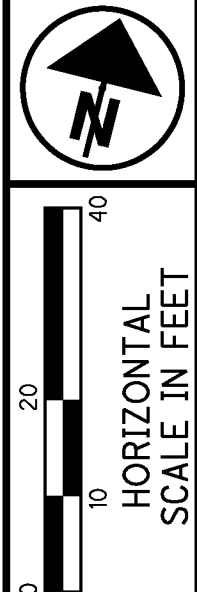
STA. 145+60.00
90.00' RT

STA. 147+75.00
80.00' RT

REV. BY	DATE	DESCRIPTION

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**WOOD COUNTY
SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**



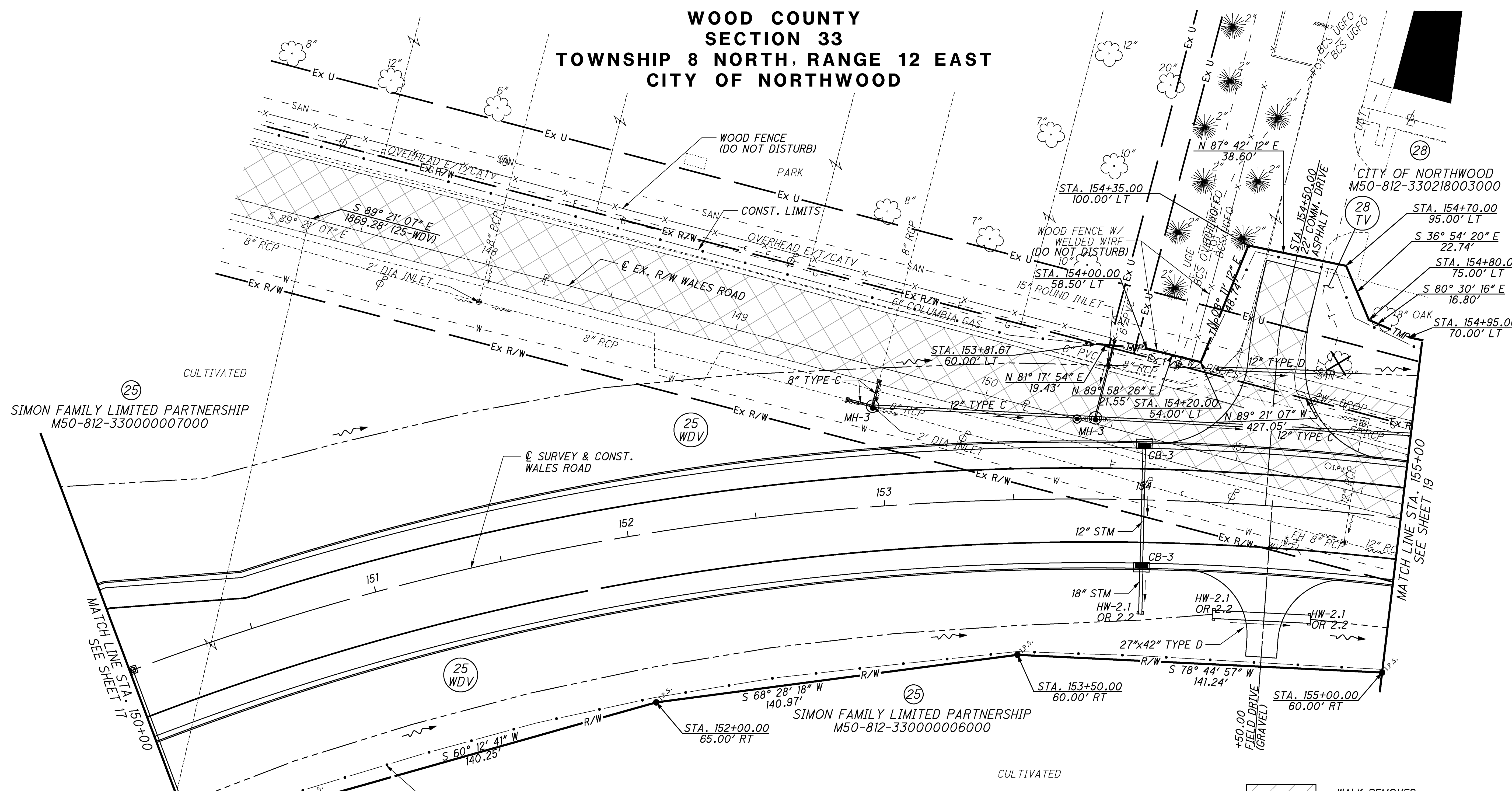
PID NO. 78877
CALCULATED BY JMA
CHECKED BY CPU

**RIGHT OF WAY PLAN - WALES ROAD
STA. 150+00 TO STA. 155+00**

WOO-WALES RD

18 / 40

311
333

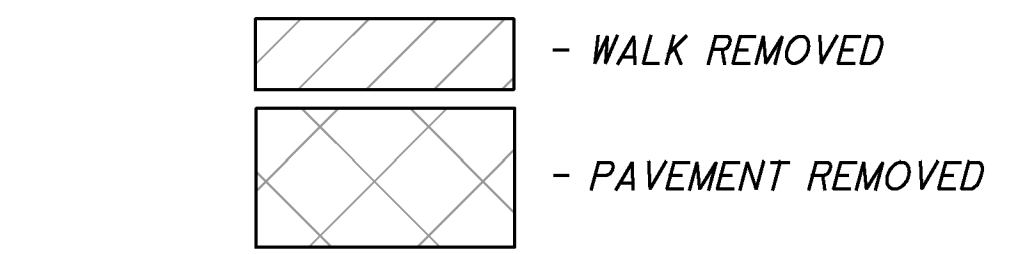


WALES ROAD
CURVE DATA

P.I. STA. 153+20.38	y1 = 6.97'
$\Delta = 44^\circ 18' 48''$ (RT)	y2 = 3.10'
Dc = 05° 30' 00"	k1 = 104.37'
R = 1,041.74	k2 = 69.59
Ls1 = 208.80'	p1 = 1.74'
Ls2 = 139.20'	p2 = 0.77'
$\theta s1 = 05^\circ 44' 31''$	$\Delta c = 34^\circ 44' 36''$ (RT)
$\theta s2 = 03^\circ 49' 41''$	Lc = 631.70'
LT1 = 139.27'	Ts1 = 527.90'
LT2 = 92.82'	Ts2 = 495.50'
ST1 = 69.67'	$e_{max} = 0.058$
ST2 = 46.42'	
x1 = 208.59'	
x2 = 139.14'	

NOTES:

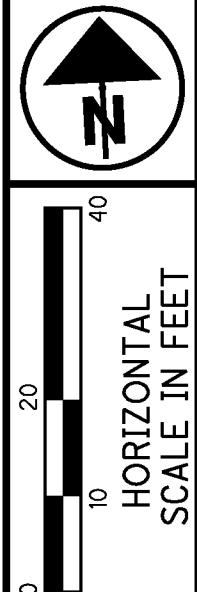
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO PROPOSED \odot SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.



REV. BY	DATE	DESCRIPTION
CPU	10/15/10	REVISED DRIVE AT STA. 154+50 RT.
CPU	5/11/09	LABELLED PARCEL 28 FENCE TO REMAIN

sedwards 10:43:28 AM 5/3/2011 O:\C202005_0107_C_Design\WOOD_78877\Drawing\ROW\RP111_WALE.dgn

**WOOD COUNTY
NORTH HALF & SE 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**



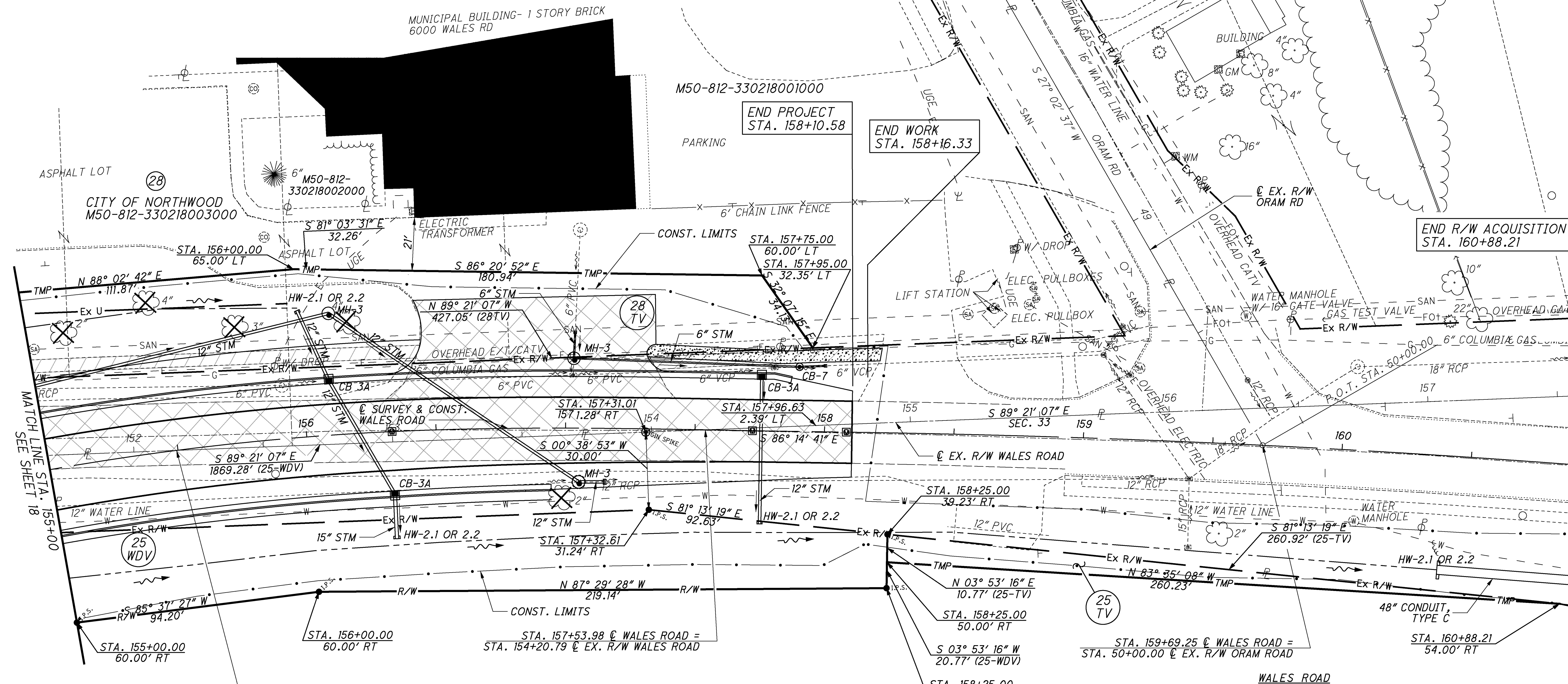
PID NO. 78877
CALCULATED JMA
CHECKED CPU

**RIGHT OF WAY PLAN - WALES ROAD
STA. 155+00 TO STA. 160+88.21**

WOO - WALES RD

19 / 40

312
333

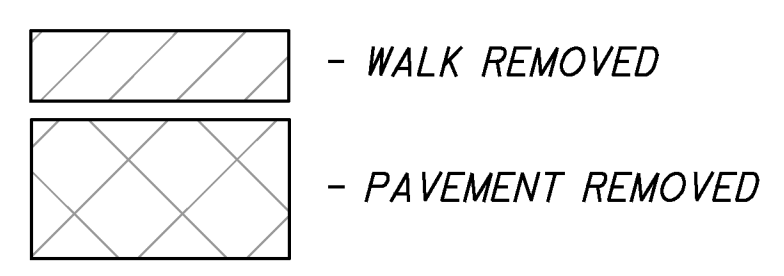


STA. 155+49.44 @ WALES ROAD =
STA. 152+16.47 @ EX. R/W WALES ROAD

**WALES ROAD
CURVE DATA**

P.I. STA. 153+20.38 y1 = 6.97'
 $\Delta = 44^\circ 18' 48''$ (RT) y2 = 3.10'
 $D_c = 05^\circ 30' 00''$ k1 = 104.37'
 $R = 1,041.74$ k2 = 69.59
 $Ls1 = 208.80'$ p1 = 1.74'
 $Ls2 = 139.20'$ p2 = 0.77'
 $\theta s1 = 05^\circ 44' 31''$ $\Delta c = 34^\circ 44' 36''$ (RT)
 $\theta s2 = 03^\circ 49' 41''$ $L_c = 631.70'$
 $LT1 = 139.27'$ $Ts1 = 527.90'$
 $LT2 = 92.82'$ $Ts2 = 495.50'$
 $ST1 = 69.67'$ $\theta_{max} = 0.058$
 $ST2 = 46.42'$
 $x1 = 208.59'$
 $x2 = 139.14'$

(25)
SIMON FAMILY LIMITED PARTNERSHIP
M50-812-330000006000



- NOTES:**
- IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 - FOR BASIS OF BEARINGS SEE SHEET 1A.
 - FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 - FOR LEAD-INS SEE SHEET 40.
 - PROPOSED R/W REFERENCED TO PROPOSED @ SURVEY OF WALES ROAD UNLESS OTHERWISE NOTED.

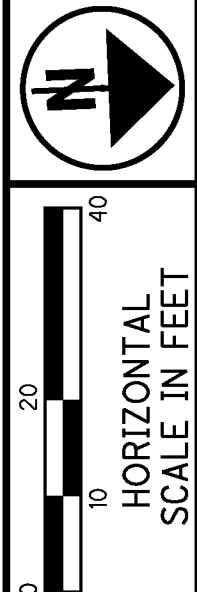
**WALES ROAD
CURVE DATA**

P.I. STA. 159+56.36
 $\Delta = 03^\circ 41' 50''$ (RT)
 $D_c = 01^\circ 15' 00''$
 $R = 4,583.75'$
 $T = 147.94'$
 $L = 295.77'$
 $E = 2.39'$
 $\theta_{max} = 0.025$

REV. BY	DATE	DESCRIPTION

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WOOD COUNTY
SE 1/4 OF SECTION 32 AND SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD



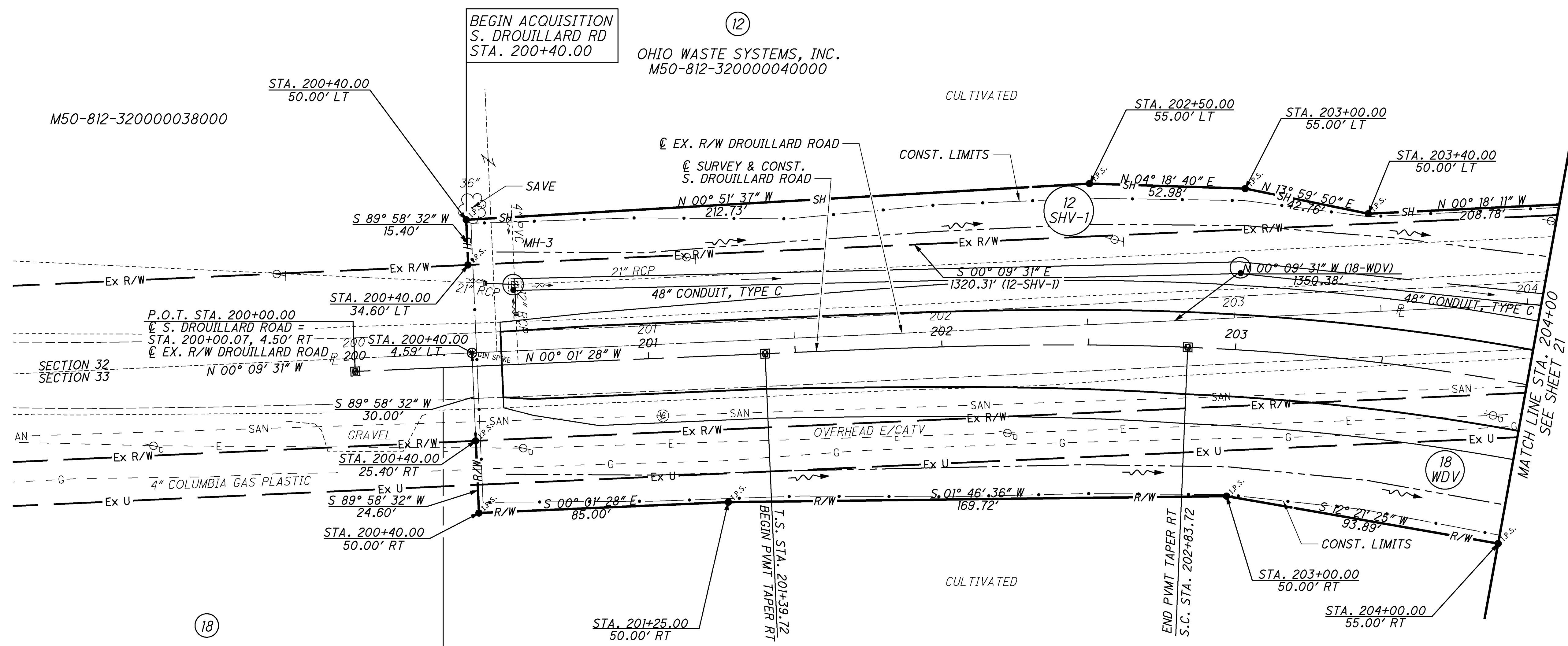
PID NO.
78877

CALCULATED
JMA
CHECKED
CPU

RIGHT OF WAY PLAN - S. DROUILLARD RD
STA. 200+30 TO STA. 204+00

WOO-WALES RD

20/40
 (313)
 (333)



(18)
 RONALD E. BIELSKI AND MARTHA J. BIELSKI,
 TRUSTEES UNDER BIELSKI LIVING TRUST,
 DATED MAY 29, 1992, ET AL.
 M50-812-330000009000

BEGIN WORK
 S. DROUILLARD RD
 STA. 200+30.00

S. DROUILLARD RD
CURVE DATA

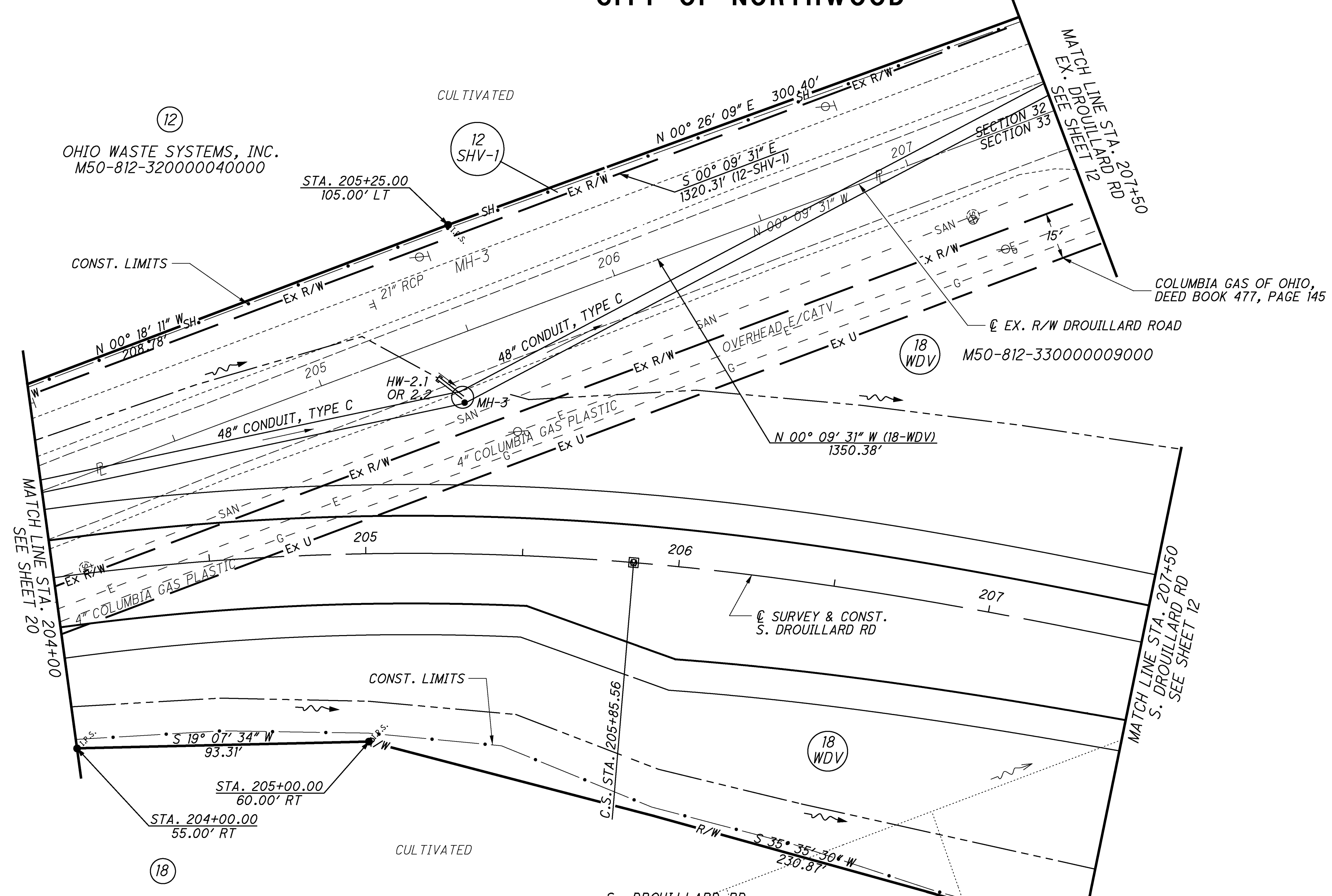
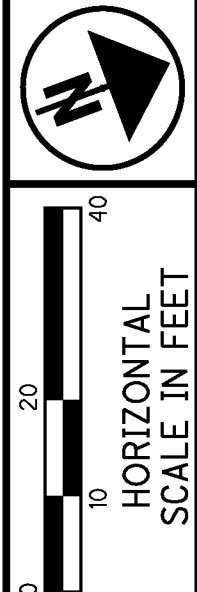
P.I. STA. 204+61.97	y1 = 4.07'
$\Delta = 32^\circ 31' 28''$ (RT)	y2 = 9.15'
Dc = 06' 45" 00"	k1 = 71.98'
R = 848.83'	k2 = 107.94'
Ls1 = 144.00'	p1 = 1.02'
Ls2 = 216.00'	p2 = 2.29'
$\theta s1 = 04^\circ 51' 36''$	$\Delta c = 20^\circ 22' 28''$ (RT)
$\theta s2 = 07^\circ 17' 24''$	Lc = 301.84'
LT1 = 96.04'	Ts1 = 322.25'
LT2 = 144.12'	Ts2 = 353.85'
ST1 = 48.03'	$\theta_{max} = 0.060$
ST2 = 72.11'	
x1 = 143.90'	
x2 = 215.65'	

- NOTES:
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF S. DROUILLARD ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION
CPU	10/15/10	REVISED STORM SEWER SYSTEM
CPU	11/30/09	CHANGED 12-WDV-1 TO 12-SHV-1, RE-DIMENSIONED
CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
DATE COMPLETED		

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 5/3/2011
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WOOD COUNTY
SE 1/4 OF SECTION 32 AND SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD



(12)
 OHIO WASTE SYSTEMS, INC.
 M50-812-320000040000

COLUMBIA GAS OF OHIO,
 DEED BOOK 477, PAGE 145
 M50-812-330000009000

(18)
 RONALD E. BIELSKI AND MARTHA J. BIELSKI,
 TRUSTEES UNDER BIELSKI LIVING TRUST,
 DATED MAY 29, 1992, ET AL.
 M50-812-330000009000

S. DROUILLARD RD
CURVE DATA

P.I. STA. 204+61.97 y1 = 4.07'
 Δ = 32° 31' 28" (RT) y2 = 9.15'
 Dc = 06° 45' 00" k1 = 71.98'
 R = 848.83' k2 = 107.94'
 Ls1 = 144.00' p1 = 1.02'
 Ls2 = 216.00' p2 = 2.29'
 θ s1 = 04° 51' 36" Δc = 20° 22' 28" (RT)
 θ s2 = 07° 17' 24" Lc = 301.84'
 LT1 = 96.04' Ts1 = 322.25'
 LT2 = 144.12' Ts2 = 353.85'
 ST1 = 48.03' θmax = 0.060
 ST2 = 72.11'
 x1 = 143.90'
 x2 = 215.65'

NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO PROPOSED C SURVEY OF S. DROUILLARD ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION
CPU	10/15/10	REVISED STORM SEWER SYSTEM
CPU	11/30/09	REVISED PARCEL 12-SHV-1, RE-DIMENSIONED
CPU	11/30/09	CHANGED 12-WDV-1 TO 12-SHV-1
CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
DATE COMPLETED		

PID NO.
78877

CALCULATED
JMA
CHECKED
CPU

RIGHT OF WAY PLAN - S. DROUILLARD RD
STA. 204+00 TO STA. 207+50

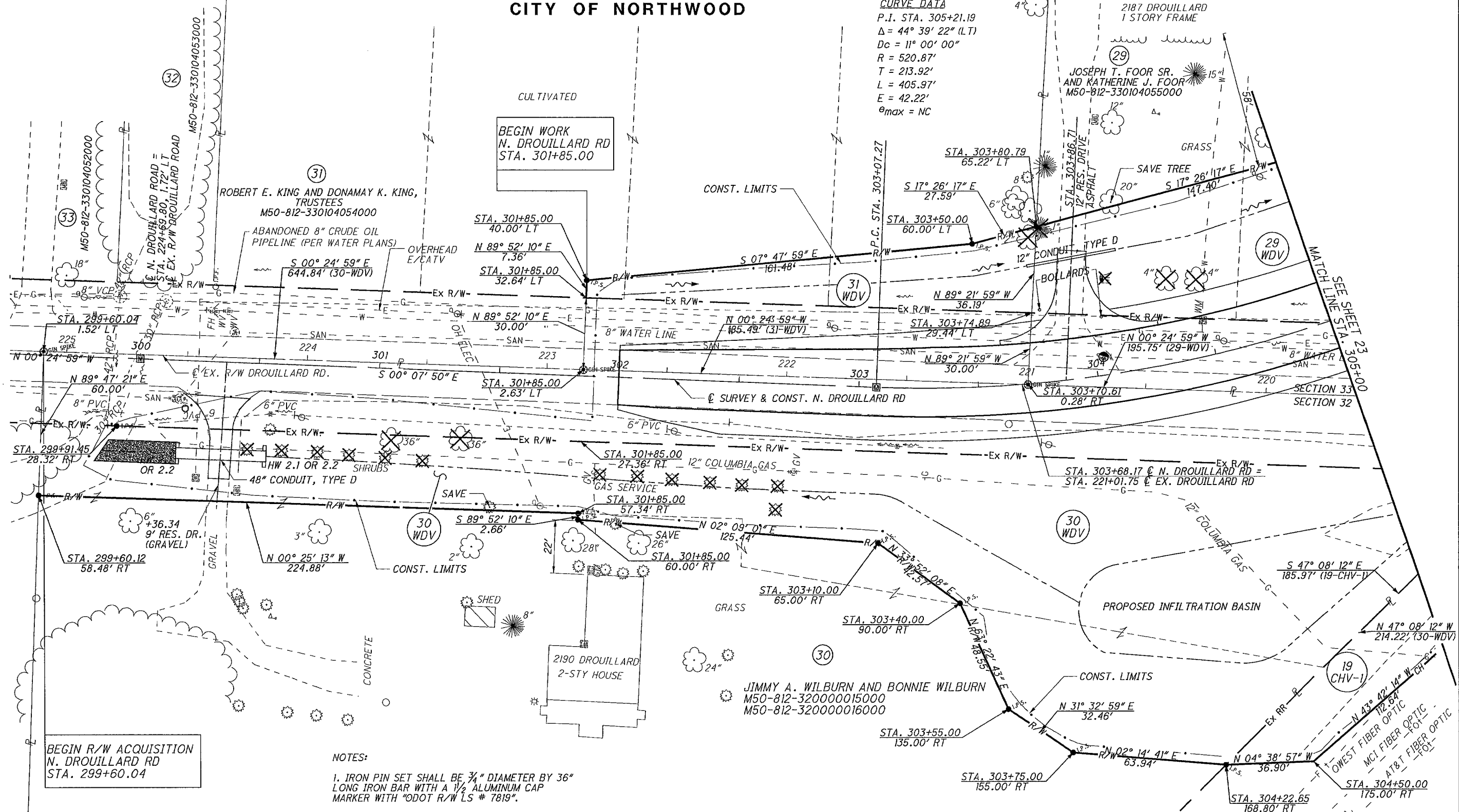
WOO-WALES RD

21/40
 314
 333

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WOOD COUNTY
NE 1/4 OF SECTION 32 AND NW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD

N. DROULLARD ROAD
CURVE DATA
P.I. STA. 305+21.19
 $\Delta = 44^{\circ} 39' 22''$ (LT)
 $D_c = 11^{\circ} 00' 00''$
 $R = 520.87'$
 $T = 213.92'$
 $L = 405.97'$
 $E = 42.22'$
 $\theta_{max} = NC$





BEGIN R/W ACQUISITION
N. DROULLARD RD
STA. 299+60.04

BEGIN WORK
N. DROULLARD RD
STA. 301+85.00

- NOTES:**
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF N. DROULLARD ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION
BPB	07/25/11	REVISED EX. RR R/W & ADJOINING PARCELS
CPU	10/15/10	REVISED INFILTRATION BASIN

DATE COMPLETED



 PID NO. 78877
 CALCULATED BY JMA
 CHECKED BY CPU
RIGHT OF WAY PLAN - N. DROULLARD RD
STA. 299+91.45 TO STA. 305+00
WOO-WALES RD
 22/40
 315
 333

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 7/27/2011
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NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF N. DROUILLARD ROAD UNLESS OTHERWISE NOTED.

WOOD COUNTY

NE 1/4 OF SECTION 32 & NW 1/4 OF SECTION 33

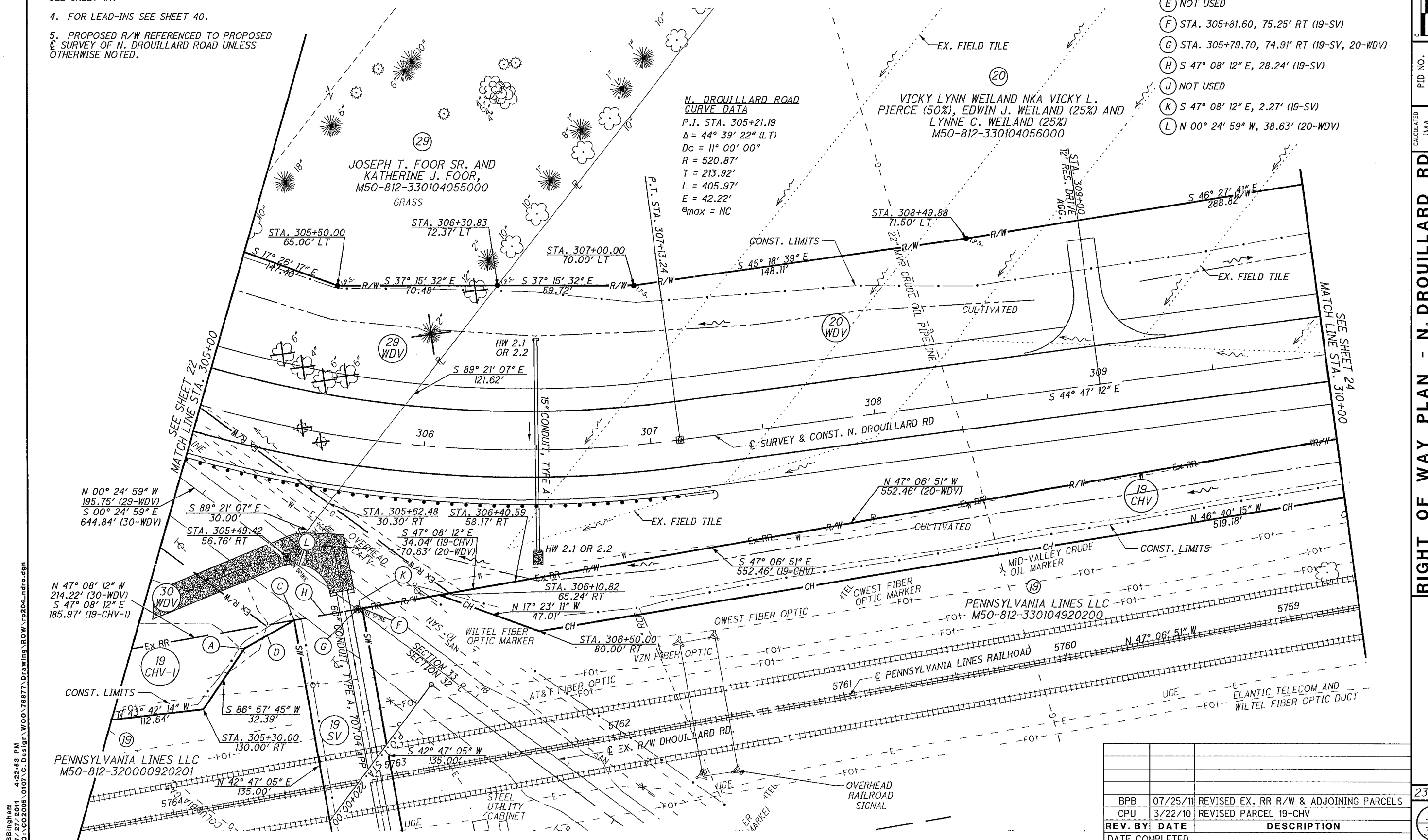
TOWNSHIP 8 NORTH, RANGE 12 EAST

CITY OF NORTHWOOD

- (A) STA. 305+40.00, 100.00' RT (19-CHV-1)
- (B) NOT USED
- (C) STA. 305+56.43, 83.79' RT (19-CHV-1, SV)
- (D) N 66° 36' 16" W, 25.23' (19-CHV-1)
- (E) NOT USED
- (F) STA. 305+81.60, 75.25' RT (19-SV)
- (G) STA. 305+79.70, 74.91' RT (19-SV, 20-WDV)
- (H) S 47° 08' 12" E, 28.24' (19-SV)
- (J) NOT USED
- (K) S 47° 08' 12" E, 2.27' (19-SV)
- (L) N 00° 24' 59" W, 38.63' (20-WDV)

**N. DROUILLARD ROAD
CURVE DATA**

P.I. STA. 305+21.19
 $\Delta = 44^\circ 39' 22''$ (LT)
 $D_c = 11^\circ 00' 00''$
 $R = 520.87'$
 $T = 213.92'$
 $L = 405.97'$
 $E = 42.22'$
 $\theta_{max} = NC$



CALCULATED
JMA

CHECKED
CPU

PID NO.
78877

RIGHT OF WAY PLAN - N. DROUILLARD RD
STA. 305+00 TO STA. 310+00

WOO-WALES RD

23/40

316
333

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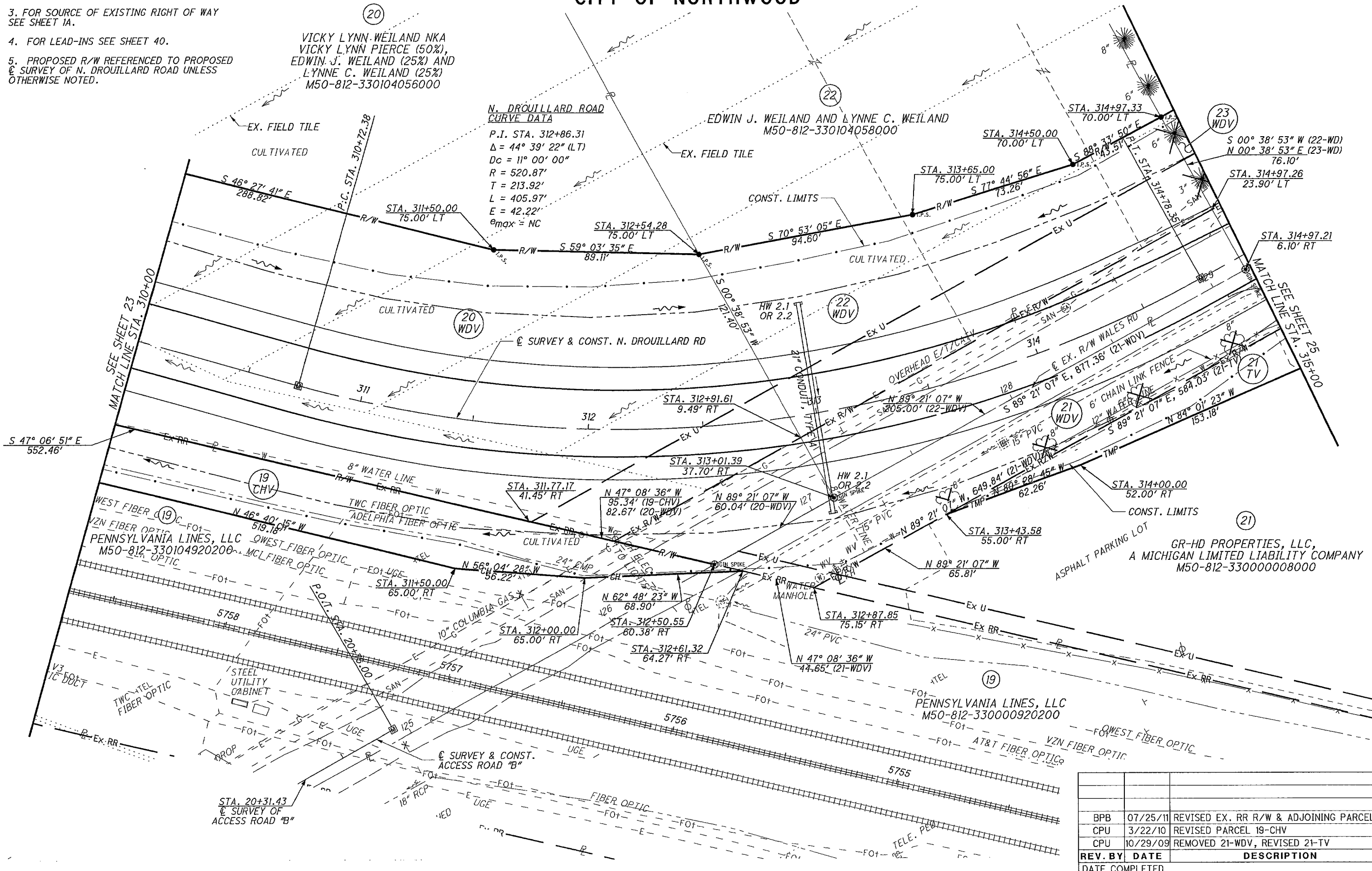
REV. BY	DATE	DESCRIPTION
BPB	07/25/11	REVISED EX. RR R/W & ADJOINING PARCELS
CPU	3/22/10	REVISED PARCEL 19-CHV

DATE COMPLETED

NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF N. DROUILLARD ROAD UNLESS OTHERWISE NOTED.

WOOD COUNTY
 NW 1/4 AND SW 1/4 OF SECTION 33
 TOWNSHIP 8 NORTH, RANGE 12 EAST
 CITY OF NORTHWOOD



PID NO. 78877
 CALCULATED JMA
 CHECKED CPU

RIGHT OF WAY PLAN - N. DROUILLARD RD
WOO - WALES RD
 STA. 310+00 TO STA. 315+00

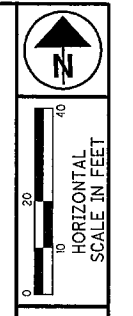
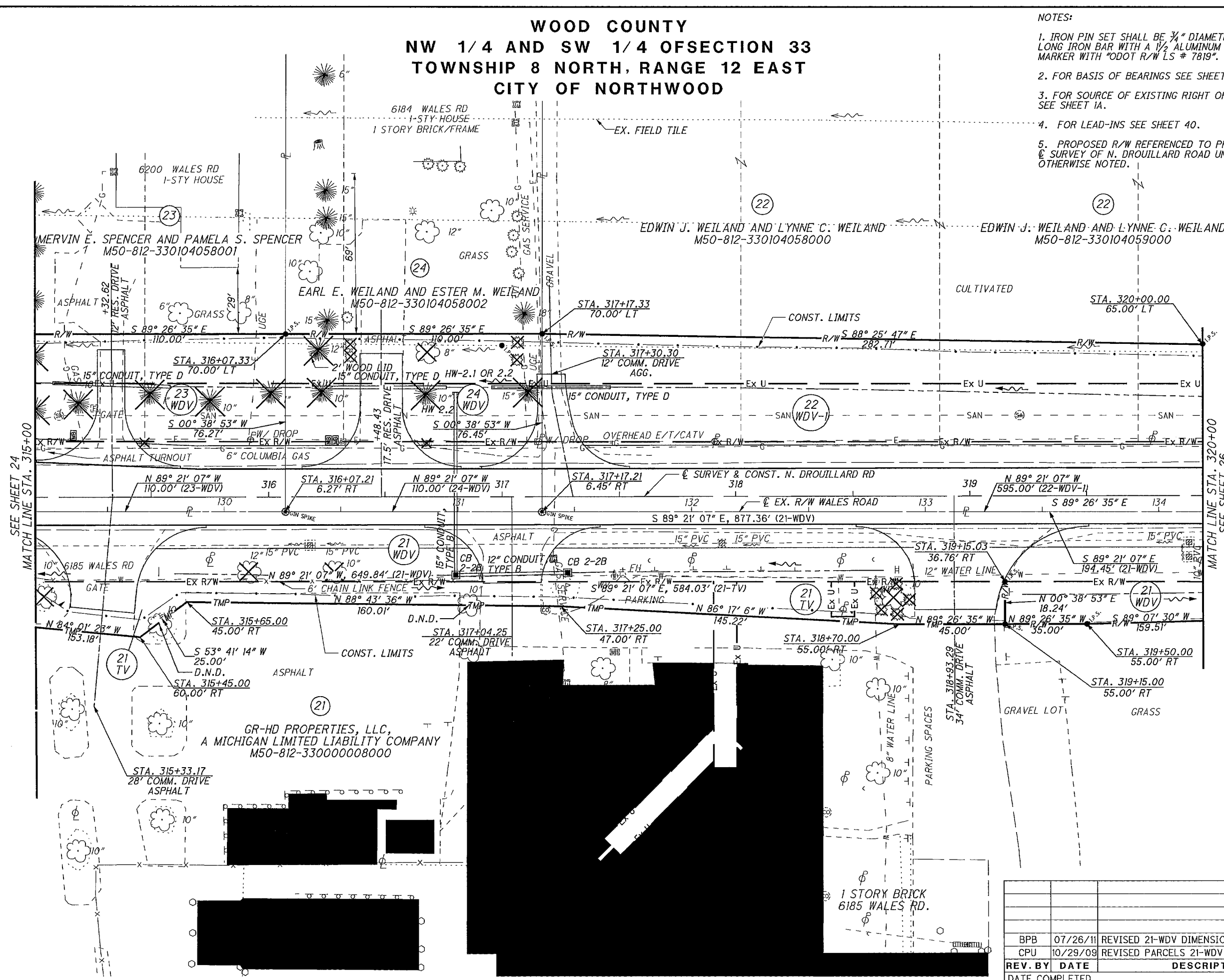
REV. BY	DATE	DESCRIPTION
BPB	07/25/11	REVISED EX. RR R/W & ADJOINING PARCELS
CPU	3/22/10	REVISED PARCEL 19-CHV
CPU	10/29/09	REMOVED 21-WDV, REVISED 21-TV

DATE COMPLETED

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**WOOD COUNTY
NW 1/4 AND SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**

- NOTES:
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET IA.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET IA.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF N. DROUILLARD ROAD UNLESS OTHERWISE NOTED.



PLD NO.	78877
CALCULATED	JMA
CHECKED	CPU

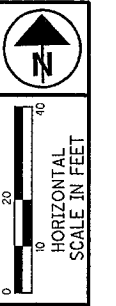
**RIGHT OF WAY PLAN - N. DROUILLARD RD
STA. 315+00 TO STA. 320+00**

WOO-WALES RD	25/40
	318
	333

REV. BY	DATE	DESCRIPTION
BPB	07/26/11	REVISED 21-WDV DIMENSIONS
CPU	10/29/09	REVISED PARCELS 21-WDV AND 21-TV
DATE COMPLETED		

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WOOD COUNTY
 NW 1/4 AND SW 1/4 OF SECTION 33
 TOWNSHIP 8 NORTH, RANGE 12 EAST
 CITY OF NORTHWOOD

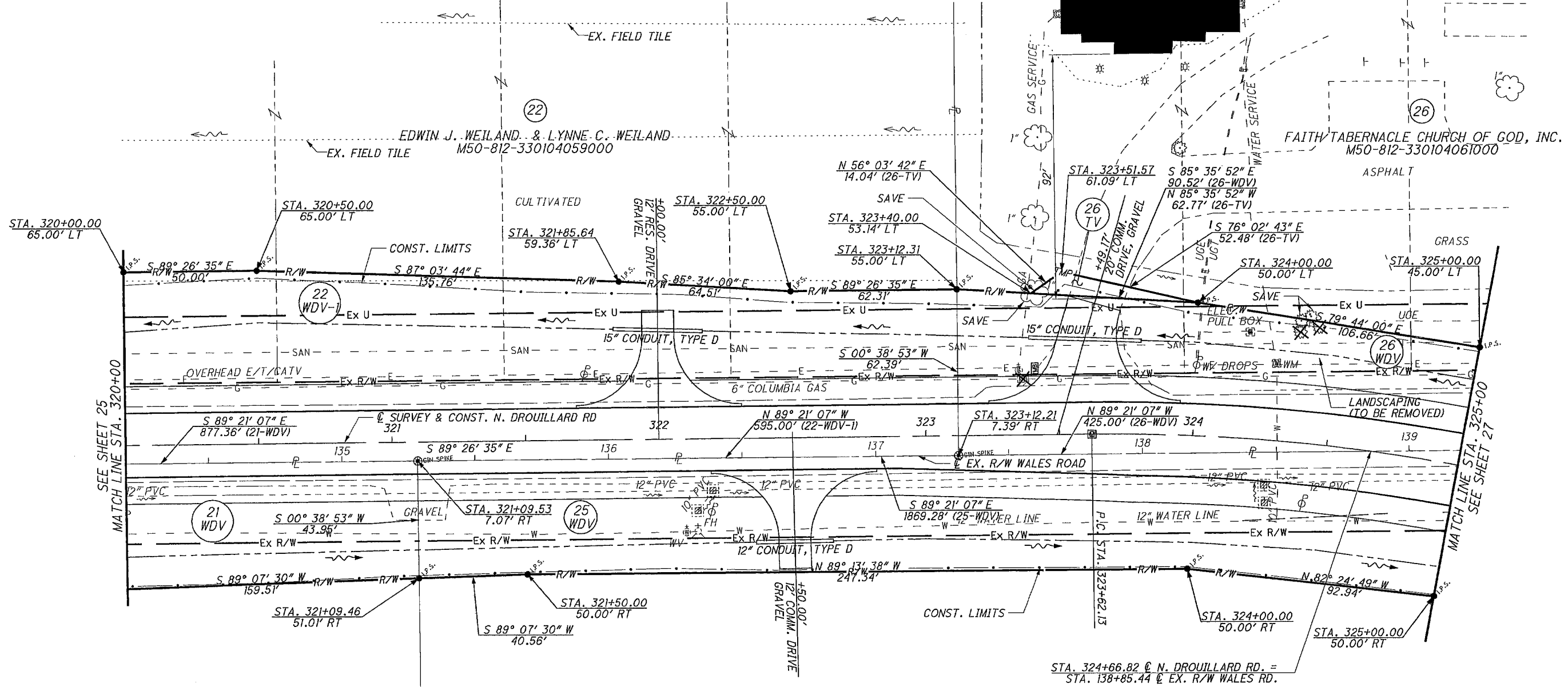


PID NO. 78877

CALCULATED JIMA
 CHECKED CPU

RIGHT OF WAY PLAN - N. DROUILLARD RD
 STA. 320+00 TO STA. 325+00

WOO-WALES RD
 26/40
 319
 333



(21) GR-HD PROPERTIES, LLC,
 A MICHIGAN LIMITED LIABILITY COMPANY
 M50-812-330000008000

(25) SIMON FAMILY LIMITED PARTNERSHIP
 M50-812-330000007000

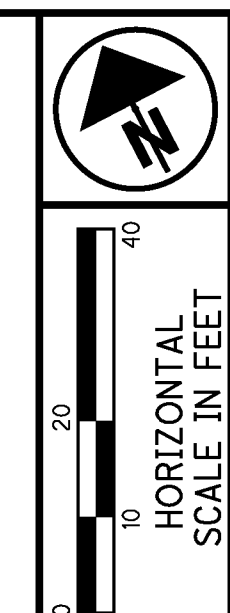
N. DROUILLARD ROAD
 CURVE DATA
 P.I. STA. 326+89.62
 $\Delta = 49^\circ 08' 44''$ (RT)
 $D_c = 08^\circ 00' 00''$
 $R = 716.20'$
 $T = 327.49'$
 $L = 614.32'$
 $E = 71.32'$
 $\theta_{max} = NC$

- NOTES:
1. IRON PIN SET SHALL BE $\frac{3}{4}$ " DIAMETER BY 36" LONG IRON BAR WITH A $\frac{1}{2}$ " ALUMINUM CAP MARKER WITH "DOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED \odot SURVEY OF N. DROUILLARD ROAD UNLESS OTHERWISE NOTED.

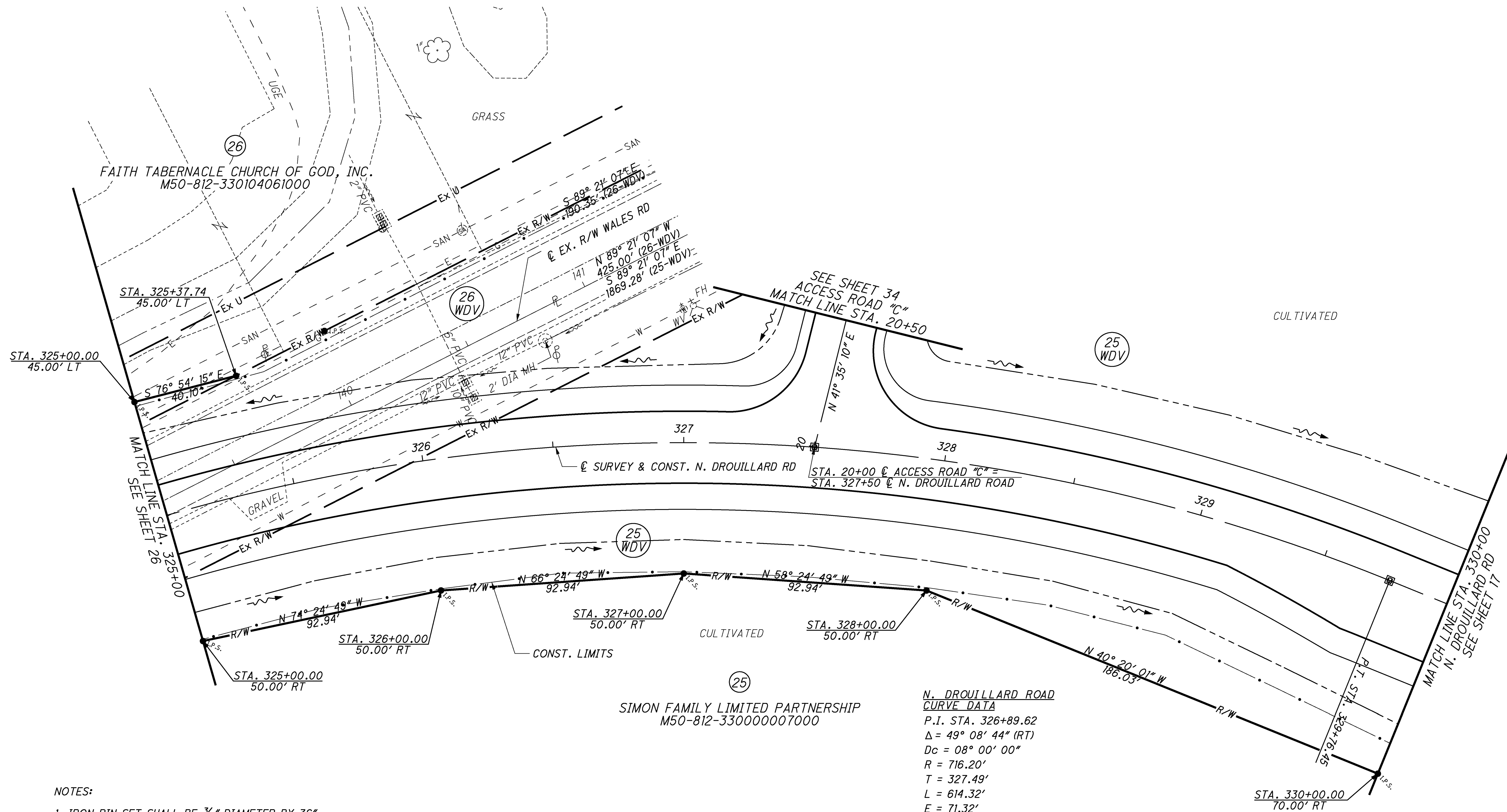
REV. BY	DATE	DESCRIPTION
BPB	07/26/11	REVISED 21-WDV DIMENSION
CPU	06/27/11	ADDED PARCEL 25-E
DATE COMPLETED		

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WOOD COUNTY
NW 1/4 & SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD



PID NO. 78877
 CALCULATED JMA
 CHECKED CPU



N. DROUILLARD ROAD
CURVE DATA
 P.I. STA. 326+89.62
 $\Delta = 49^\circ 08' 44''$ (RT)
 $D_c = 08^\circ 00' 00''$
 $R = 716.20'$
 $T = 327.49'$
 $L = 614.32'$
 $E = 71.32'$
 $e_{max} = NC$

SIMON FAMILY LIMITED PARTNERSHIP
 M50-812-330000007000

- NOTES:**
1. IRON PIN SET SHALL BE $\frac{3}{4}$ " DIAMETER BY 36" LONG IRON BAR WITH A $\frac{1}{2}$ " ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED \odot SURVEY OF N. DROUILLARD ROAD UNLESS OTHERWISE NOTED.

REV. BY	DATE	DESCRIPTION

RIGHT OF WAY PLAN - N. DROUILLARD RD
WOO-WALES RD
STA. 325+00 TO STA. 330+00
 27/40
 320
 333

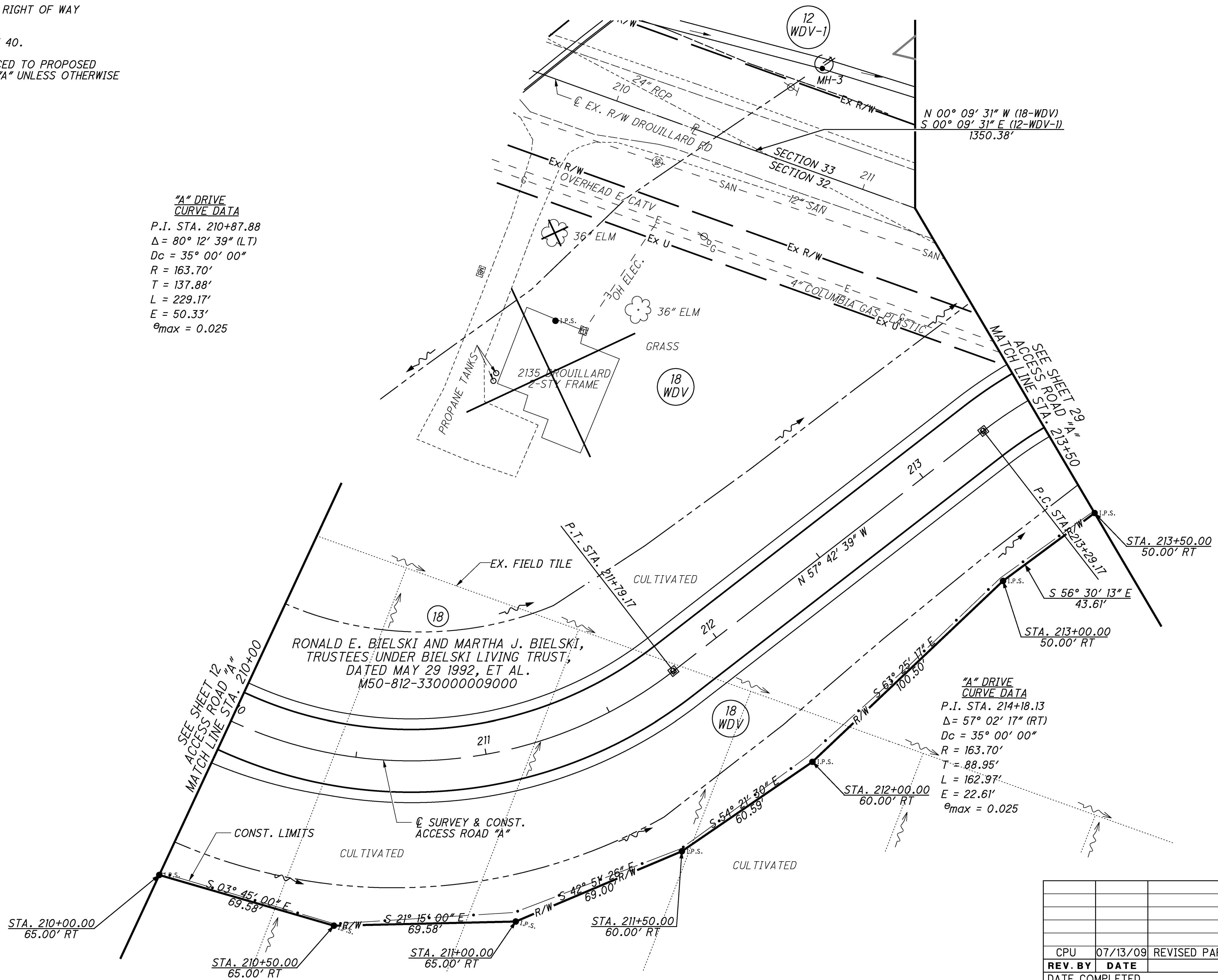
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NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF ACCESS ROAD "A" UNLESS OTHERWISE NOTED.

WOOD COUNTY
SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD

"A" DRIVE
CURVE DATA
P.I. STA. 210+87.88
 $\Delta = 80^\circ 12' 39''$ (LT)
 $Dc = 35^\circ 00' 00''$
 $R = 163.70'$
 $T = 137.88'$
 $L = 229.17'$
 $E = 50.33'$
 $e_{max} = 0.025$



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HORIZONTAL SCALE IN FEET

PID NO. 78877

CALCULATED JMA
CHECKED CPU

RIGHT OF WAY PLAN - ACCESS ROAD "A"
STA. 210+00 TO STA. 213+50

WOO-WALES RD

28 / 40

CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

321

333

NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.

WOOD COUNTY
NE 1/4 & SE 1/4 OF SECTION 32 &
NW 1/4 & SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD

* REFERENCED TO PROPOSED
SURVEY OF ACCESS ROAD "B"

- (A) N 89° 21' 07" W, 250.37'
- (B) NOT USED
- (C) S 89° 50' 28" W, 148.65'
- (D) N 47° 06' 51" W, 46.53' (19-TV)

(12)
OHIO WASTE SYSTEMS, INC.
M50-812-320000040000

(14)
BROSSIA BROTHERS, AN
OHIO GENERAL PARTNERSHIP
M50-812-320000042000

(16)
CITY OF NORTHWOOD
M50-812-320000016002

(18)
RONALD E. BIELSKI AND MARTHA J. BIELSKI,
TRUSTEES UNDER BIELSKI LIVING TRUST,
DATED MAY 29, 1992, ET AL.
M50-812-330000009000

(17)
TERRY L. MAYS AND TERRY L. MAYS,
HUSBAND AND WIFE
M50-812-330104057000

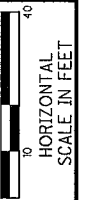
(19)
PENNSYLVANIA LINES, LLC
M50-812-330104920200

ACCESS ROAD "A"
CURVE DATA
P.I. STA. 214+18.13
Δ = 57° 02' 17" (RT)
Dc = 35° 00' 00"
R = 163.70'
T = 88.95'
L = 162.97'
E = 22.61'
e_{max} = 0.025

5. PROPOSED R/W REFERENCED TO PROPOSED
SURVEY OF ACCESS ROAD "A" UNLESS
OTHERWISE NOTED.

STA. 215+17.18 @ ACCESS ROAD "A", 5.19' RT=
STA. 17+18.65 @ ACCESS ROAD "B", 0.57' RT=
STA. 121+37.40 @ EX. WALES ROAD=
STA. 213+90.46 @ EX. DROUILLARD ROAD

DETAIL
NOT TO SCALE



PLD NO.
78877

CALCULATED
JWA
CHECKED
CPU

RIGHT OF WAY PLAN - ACCESS ROAD "A"
STA. 213+50 TO STA. 218+50

WOO-WALES RD

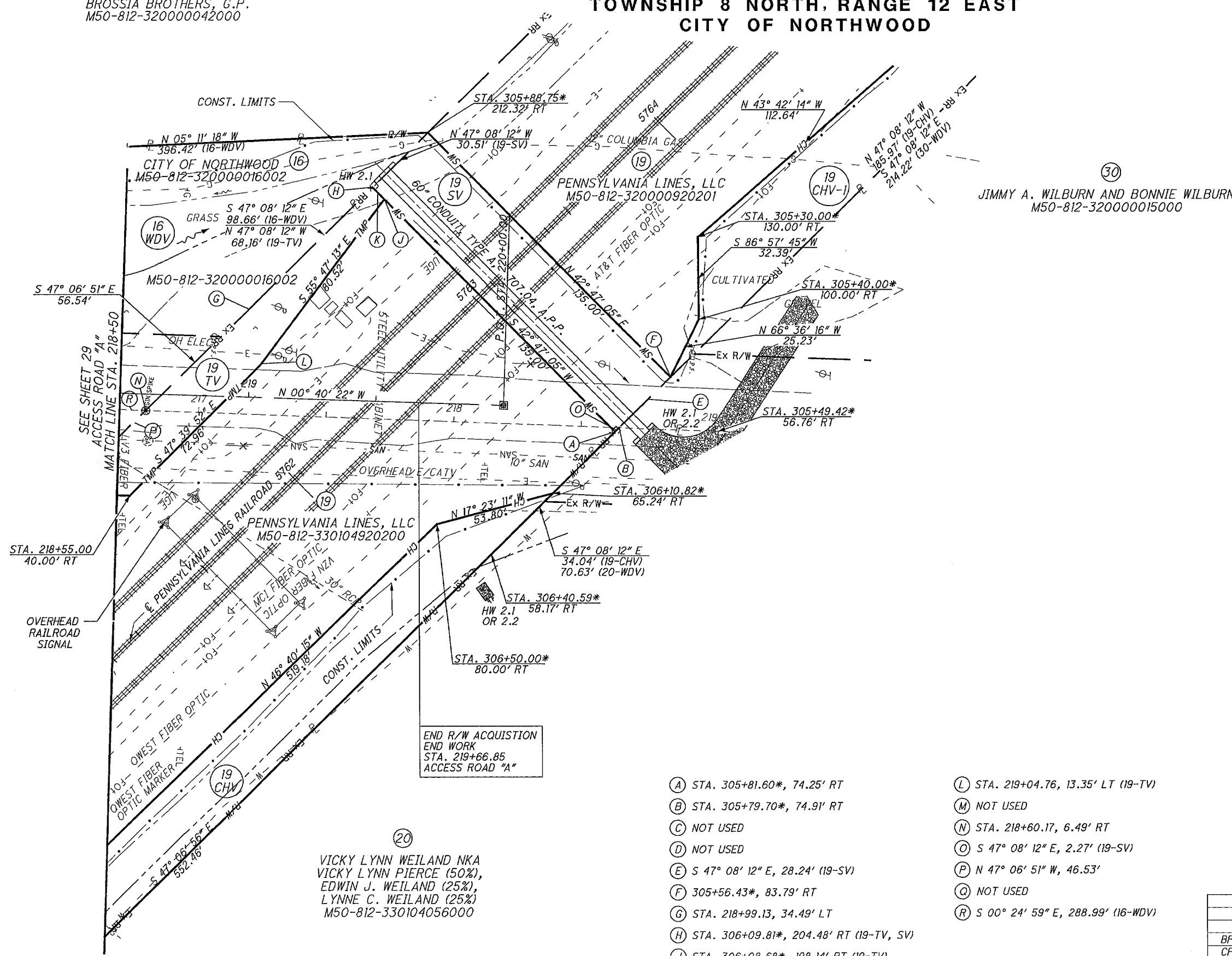
29/40
322
333

REV. BY	DATE	DESCRIPTION
BPB	07/26/11	REVISED EX. RR R/W & ADJOINING PARCELS
CPU	12/15/10	REMOVED PARCEL 14-WDV
CPU	9/10/10	ADDED PARCEL 12-E
CPU	11/30/09	CHANGED 12-WDV-1 TO 12-SHV-1, RE-DIMENSIONED
CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
CPU	5/11/09	PARCEL 17TV COMMERCIAL SIGN LABELED TO REMAIN
DATE COMPLETED		

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WOOD COUNTY
NE 1/4 OF SECTION 32 & NW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD

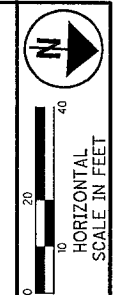
14
 BROSSIA BROTHERS, G.P.
 M50-812-32000042000



20
 VICKY LYNN WEILAND NKA
 VICKY LYNN PIERCE (50%),
 EDWIN J. WEILAND (25%),
 LYNNE C. WEILAND (25%)
 M50-812-330104056000

NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF ACCESS ROAD "A" UNLESS OTHERWISE NOTED.
- * REFERENCED TO PROPOSED SURVEY OF N. DROUILLARD RD



PID NO. 78877
 CALCULATED JMA
 CHECKED CPU

RIGHT OF WAY PLAN - ACCESS ROAD "A"
STA. 218+50 TO STA. 220+00

WOO-WALES RD

- | | |
|---|---------------------------------------|
| (A) STA. 305+81.60*, 74.25' RT | (L) STA. 219+04.76, 13.35' LT (19-TV) |
| (B) STA. 305+79.70*, 74.91' RT | (M) NOT USED |
| (C) NOT USED | (N) STA. 218+60.17, 6.49' RT |
| (D) NOT USED | (O) S 47° 08' 12" E, 2.27' (19-SV) |
| (E) S 47° 08' 12" E, 28.24' (19-SV) | (P) N 47° 06' 51" W, 46.53' |
| (F) 305+56.43*, 83.79' RT | (Q) NOT USED |
| (G) STA. 218+99.13, 34.49' LT | (R) S 00° 24' 59" E, 288.99' (16-WDV) |
| (H) STA. 306+09.81*, 204.48' RT (19-TV, SV) | |
| (J) STA. 306+08.68*, 198.14' RT (19-TV) | |
| (K) N 42° 47' 05" E, 6.53' (19-TV) | |

REV. BY	DATE	DESCRIPTION
BPB	07/26/11	REVISED EX. RR R/W & ADJOINING PARCELS
CPU	3/24/11	REVISED DIMENSIONING ON PARCEL 19-SV
CPU	3/22/10	REVISED PARCEL 19-CHV

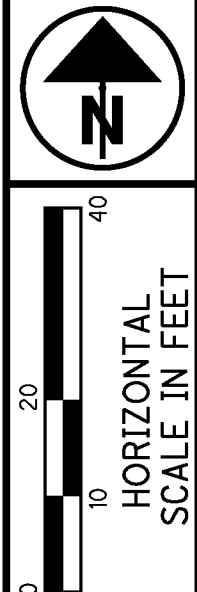
30/40
 323
 333

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**WOOD COUNTY
NE 1/4 & SE 1/4 OF SECTION 32
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**

NOTES:

1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
2. FOR BASIS OF BEARINGS SEE SHEET 1A.
3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
4. FOR LEAD-INS SEE SHEET 40.
5. PROPOSED R/W REFERENCED TO EXISTING R/W OF WALES ROAD UNLESS OTHERWISE NOTED.



PID NO. 78877
CALCULATED JMA
CHECKED CPU

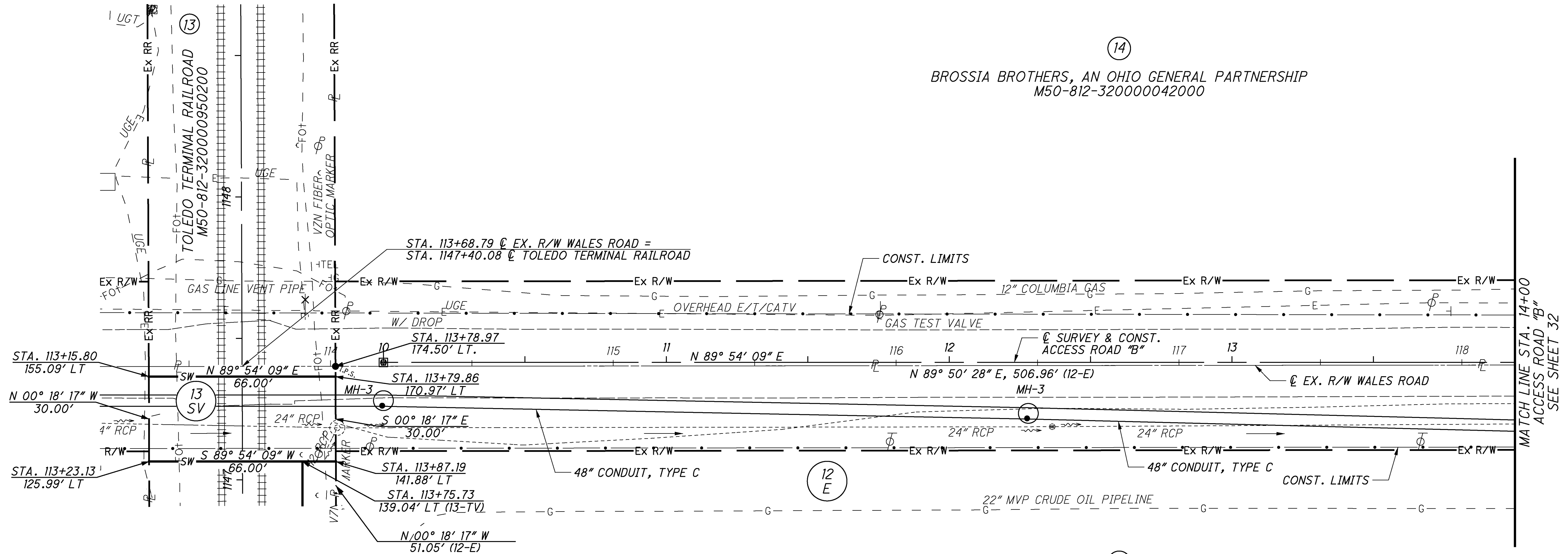
**RIGHT OF WAY PLAN - ACCESS ROAD "B"
STA. 10+00 TO STA. 14+00**

WOO - WALES RD

31 / 40
324
333

BROSSIA BROTHERS, AN OHIO GENERAL PARTNERSHIP
M50-812-32000042000

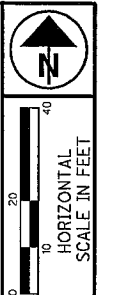
OHIO WASTE SYSTEMS, INC.
M50-812-32000040000



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REV. BY	DATE	DESCRIPTION
CPU	9/10/10	ADDED PARCEL 12-E AND LABELS

WOOD COUNTY
NE 1/4 & SE 1/4 OF SECTION 32 & NW 1/4 & SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD



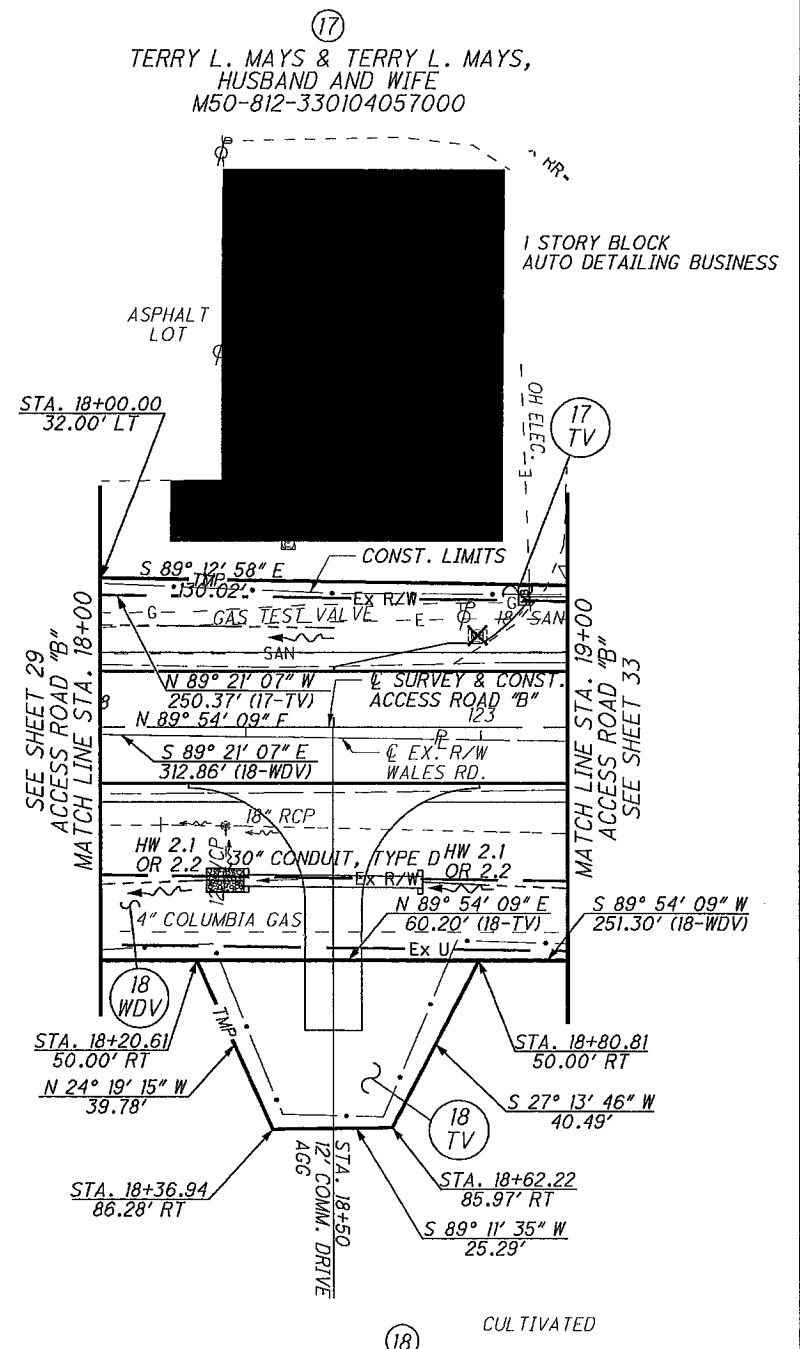
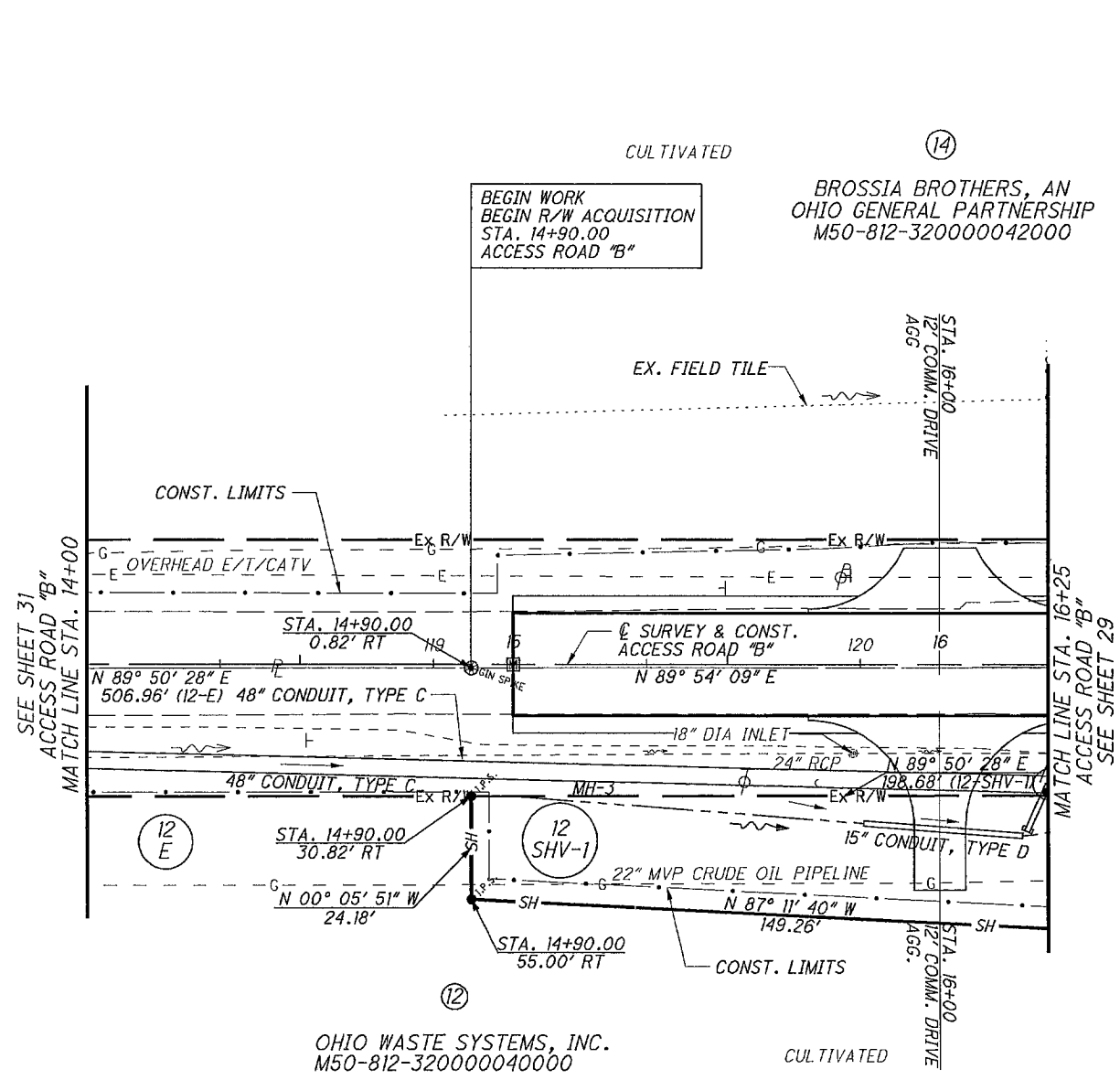
PID NO. 78877

CALCULATED JMA
 CHECKED CPU

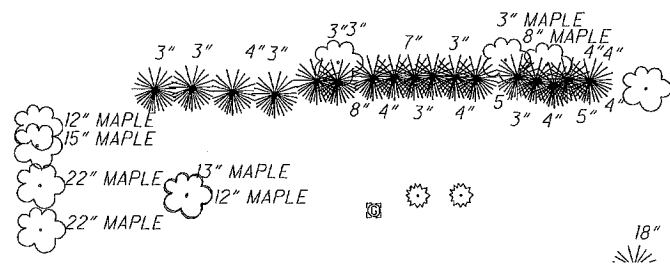
RIGHT OF WAY PLAN - ACCESS ROAD "B"
 STA. 14+00 TO STA. 19+00

WOO-WALES RD

32/40
 325
 333



- NOTES:
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF ACCESS ROAD "B" UNLESS OTHERWISE NOTED.



REV. BY	DATE	DESCRIPTION
BPB	07/26/11	REVISED 17-TV & 18-WDV DIMENSIONS
CPU	12/15/10	REMOVED PARCEL 14-WDV
CPU	9/10/10	ADDED PARCEL 12-E AND LABELS
CPU	11/30/09	CHANGED 12-WDV-1 TO 12-SHV-1, RE-DIMENSIONED
CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
DATE COMPLETED		

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WOOD COUNTY
NW 1/4 & SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD

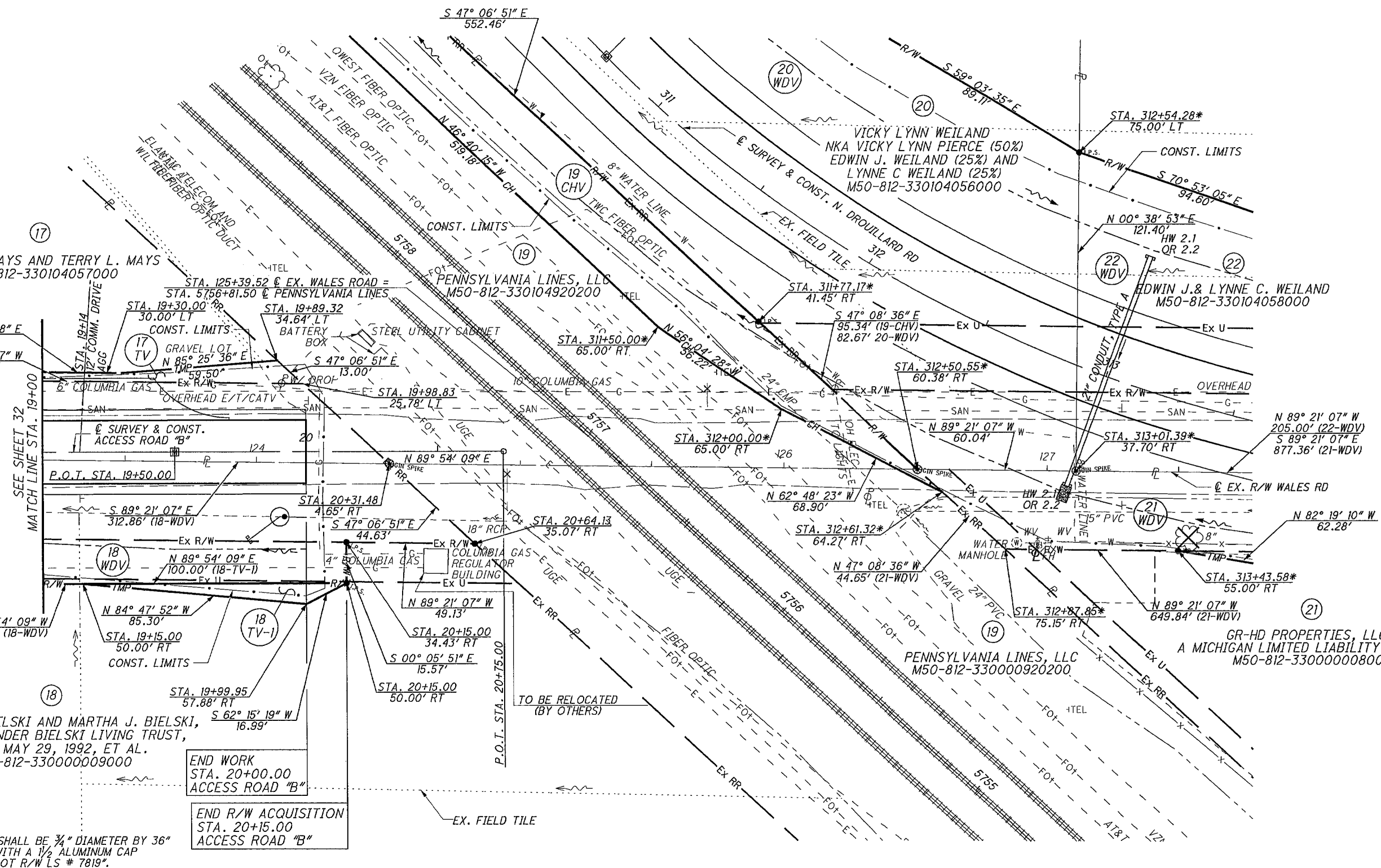
* REFERENCED TO PROPOSED
 & N. DROUILLARD ROAD

RIGHT OF WAY PLAN - ACCESS ROAD "B"
STA. 19+00 TO STA. 20+15

WOO-WALES RD

PID NO. 78877
 CALCULATED JMA
 CHECKED CPU

33/40
 326
 333



TERRY L. MAYS AND TERRY L. MAYS
 M50-812-330104057000

PENNSYLVANIA LINES, LLC
 M50-812-330104920200

VICKY LYNN WEILAND
 NKA VICKY LYNN PIERCE (50%)
 EDWIN J. WEILAND (25%) AND
 LYNNE C. WEILAND (25%)
 M50-812-330104056000

EDWIN J. & LYNNE C. WEILAND
 M50-812-330104058000

RONALD E. BIELSKI AND MARTHA J. BIELSKI,
 TRUSTEES UNDER BIELSKI LIVING TRUST,
 DATED MAY 29, 1992, ET AL.
 M50-812-330000009000

GR-HD PROPERTIES, LLC,
 A MICHIGAN LIMITED LIABILITY COMPANY
 M50-812-330000008000

- NOTES:
1. IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 2. FOR BASIS OF BEARINGS SEE SHEET 1A.
 3. FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 4. FOR LEAD-INS SEE SHEET 40.
 5. PROPOSED R/W REFERENCED TO PROPOSED & SURVEY OF ACCESS ROAD "B" UNLESS OTHERWISE NOTED.

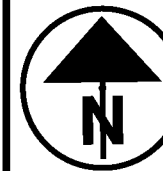

END WORK
 STA. 20+00.00
 ACCESS ROAD "B"

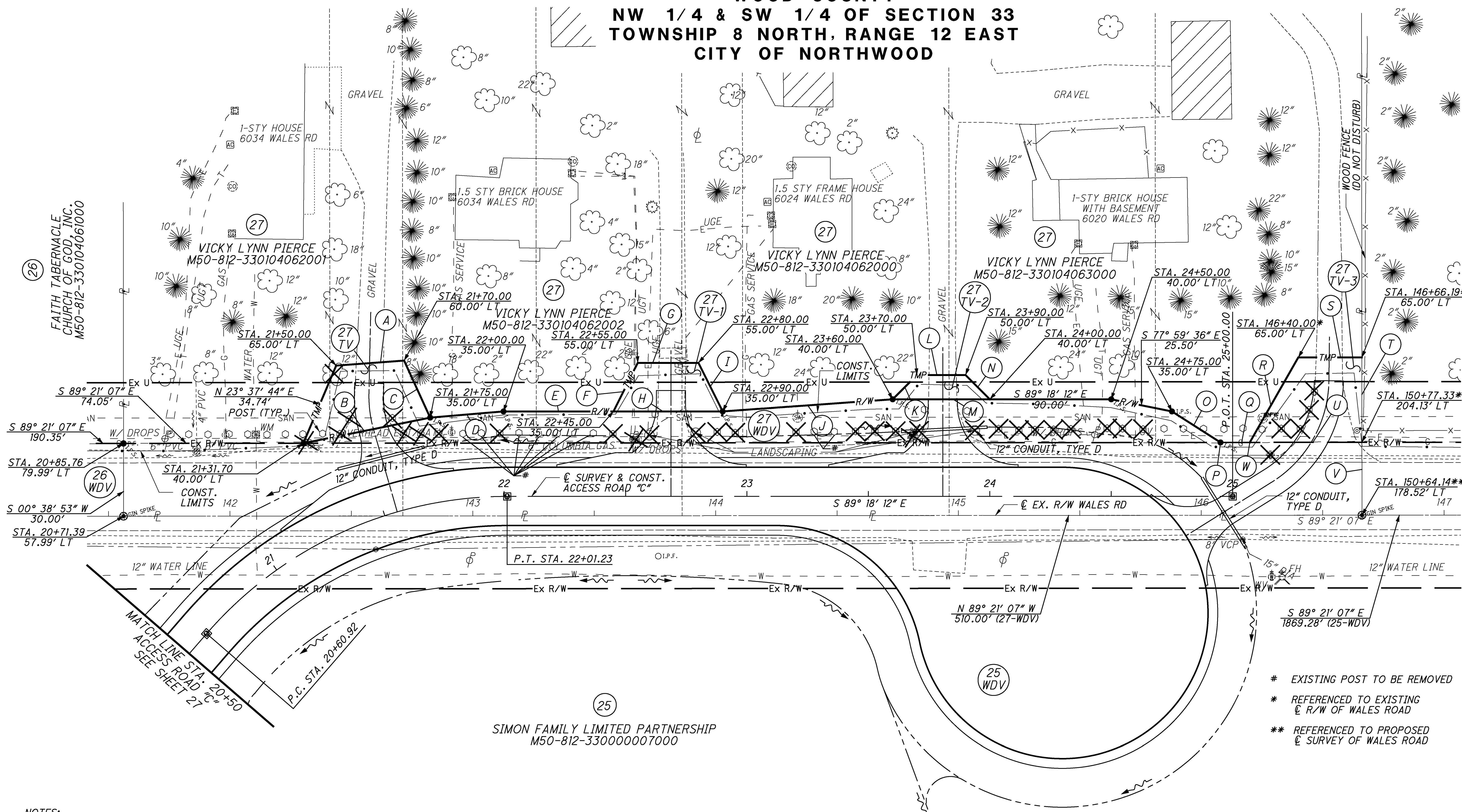
END R/W ACQUISITION
 STA. 20+15.00
 ACCESS ROAD "B"

REV. BY	DATE	DESCRIPTION
BPB	07/26/11	REVISED EX. RR R/W & ADJOINING PARCELS
CPU	10/15/10	ADDED STORM SEWER SYSTEM
CPU	3/22/10	REVISED PARCEL 19-CHV
CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
DATE COMPLETED		

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WOOD COUNTY
NW 1/4 & SW 1/4 OF SECTION 33
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD



 PID NO. 78877
 CALCULATED JMA
 CHECKED CPU
RIGHT OF WAY PLAN - ACCESS ROAD "C"
WOO-WALES RD
STA. 20+50 TO STA. 24+95



- # EXISTING POST TO BE REMOVED
- * REFERENCED TO EXISTING ϕ R/W OF WALES ROAD
- ** REFERENCED TO PROPOSED ϕ SURVEY OF WALES ROAD

- NOTES:**
- IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 - FOR BASIS OF BEARINGS SEE SHEET 1A.
 - FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 - FOR LEAD-INS SEE SHEET 40.
 - PROPOSED R/W REFERENCED TO PROPOSED ϕ SURVEY OF ACCESS ROAD "C" UNLESS OTHERWISE NOTED.

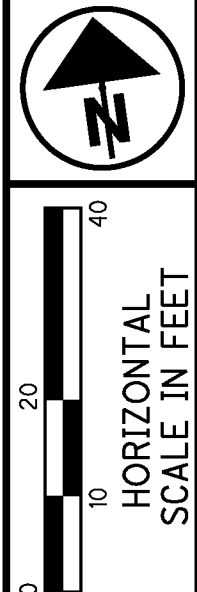
ACCESS ROAD "C"
CURVE DATA
 P.I. STA. 21+35.71
 $\Delta = 49^\circ 06' 39"$ (RT)
 $D_c = 35^\circ 00' 00"$
 $R = 163.70'$
 $T = 74.79'$
 $L = 140.32'$
 $E = 16.28'$
 $\theta_{max} = 0.025$

- | | | | |
|-----------------------------|---------------------------------------|------------------------------|--------------------------------|
| (A) N 86° 30' 29" E, 28.07' | (H) S 89° 18' 12" E, 45.00' | (O) S 56° 43' 16" E, 23.74' | (V) S 00° 38' 53" W, 30.00' |
| (B) N 79° 16' 22" E, 53.30' | (I) S 25° 52' 06" E, 22.36' | (P) STA. 24+95.00, 22.22' LT | (W) STA. 146+20.00*, 30.00' LT |
| (C) S 23° 49' 46" E, 25.82' | (J) N 86° 36' 40" E, 70.18' | (Q) S 89° 21' 07" E, 58.24' | |
| (D) N 85° 53' 25" E, 30.32' | (K) N 45° 41' 48" E, 14.14' | (R) N 30° 23' 35" E, 40.31' | |
| (E) S 89° 18' 37" E, 45.26' | (L) S 89° 18' 12" E, 20.00' | (S) S 89° 21' 07" E, 26.19' | |
| (F) N 27° 15' 42" E, 22.36' | (M) N 89° 18' 12" W, 40.00' (27 TV-2) | (T) S 00° 38' 53" W, 35.00' | |
| (G) S 89° 18' 12" E, 25.00' | (N) S 44° 18' 12" E, 14.14' | (U) N 89° 21' 07" W, 46.19' | |

REV. BY	DATE	DESCRIPTION

10:45:06 AM
 5/2/2011
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**WOOD COUNTY
NE 1/4 & SE 1/4 OF SECTION 32
TOWNSHIP 8 NORTH, RANGE 12 EAST
CITY OF NORTHWOOD**

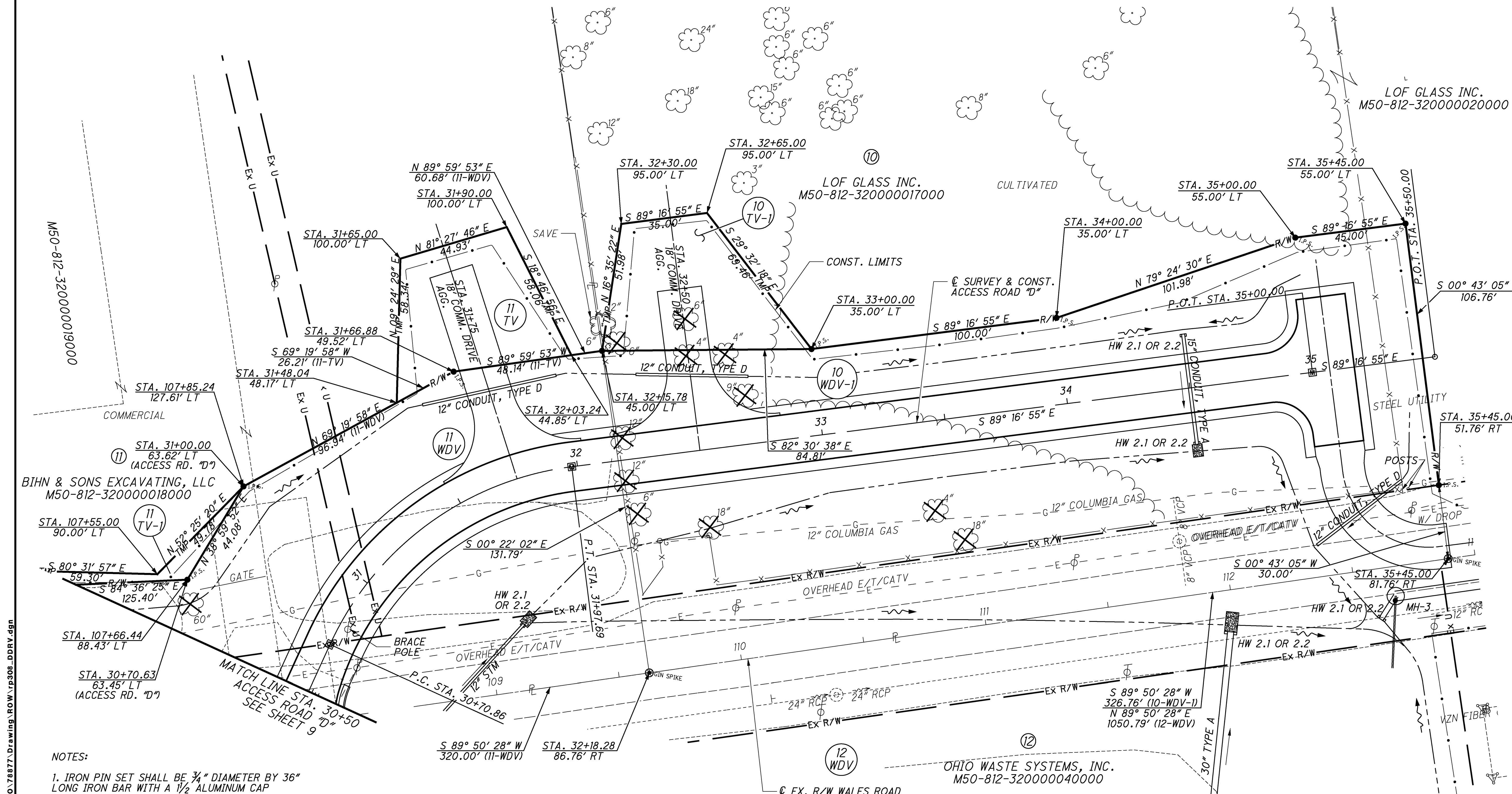


PD NO. 78877
CALCULATED JMA
CHECKED CPU

RIGHT OF WAY PLAN - ACCESS ROAD "D" STA. 30+50 TO STA. 35+50

WOO-WALES RD

35/40
328
333



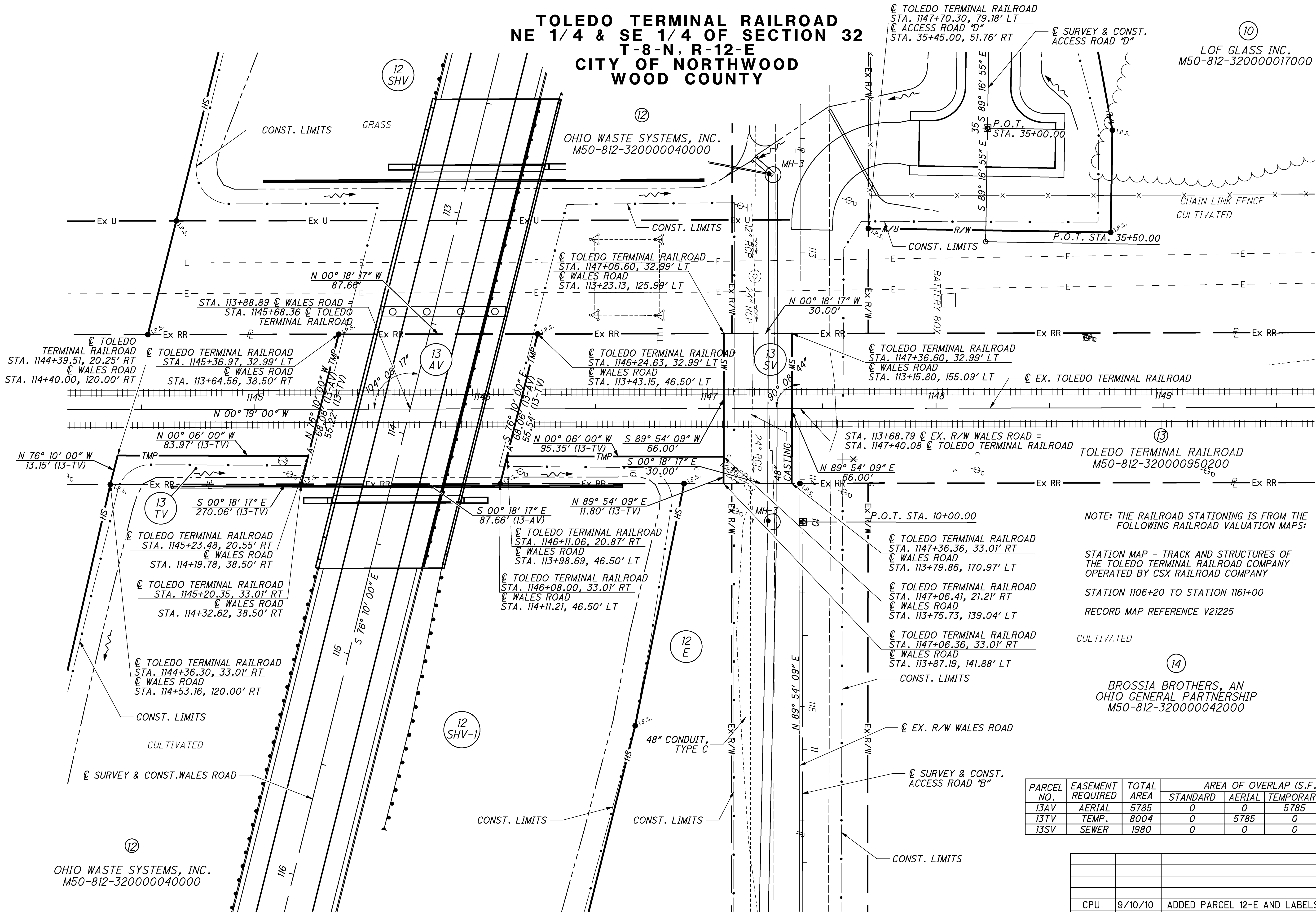
- NOTES:**
- IRON PIN SET SHALL BE 3/4" DIAMETER BY 36" LONG IRON BAR WITH A 1/2" ALUMINUM CAP MARKER WITH "ODOT R/W LS # 7819".
 - FOR BASIS OF BEARINGS SEE SHEET 1A.
 - FOR SOURCE OF EXISTING RIGHT OF WAY SEE SHEET 1A.
 - FOR LEAD-INS SEE SHEET 40.
 - PROPOSED R/W REFERENCED TO PROPOSED SURVEY OF ACCESS ROAD "D" UNLESS OTHERWISE NOTED.

ACCESS ROAD "D" CURVE DATA
P.I. STA. 31+40.34
Δ = 58° 08' 08" (RT)
Dc = 45° 50' 12"
R = 125.00'
T = 69.48'
L = 126.83'
E = 18.01'
e_{max} = 0.025

REV. BY	DATE	DESCRIPTION
CPU	10-29-09	ADDED PARCEL 11-TV-1
CPU	7-02-09	ADDED TAX # FOR PARCEL 10
CPU	5-11-09	UPDATED PARCEL 11 OWNER NAME
CPU	5-5-09	CHANGED PARCEL 10-TV TO 10-TV-1
DATE COMPLETED		

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 5/3/2011
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**TOLEDO TERMINAL RAILROAD
NE 1/4 & SE 1/4 OF SECTION 32
T-8-N, R-12-E
CITY OF NORTHWOOD
WOOD COUNTY**



⑩
LOF GLASS INC.
M50-812-32000017000

⑫
OHIO WASTE SYSTEMS, INC.
M50-812-32000040000

NOTE: THE RAILROAD STATIONING IS FROM THE FOLLOWING RAILROAD VALUATION MAPS:

STATION MAP - TRACK AND STRUCTURES OF THE TOLEDO TERMINAL RAILROAD COMPANY OPERATED BY CSX RAILROAD COMPANY
STATION 1106+20 TO STATION 1161+00
RECORD MAP REFERENCE V21225

CULTIVATED

⑭
BROSSIA BROTHERS, AN OHIO GENERAL PARTNERSHIP
M50-812-32000042000

PARCEL NO.	EASEMENT REQUIRED	TOTAL AREA	AREA OF OVERLAP (S.F.)			
			STANDARD	AERIAL	TEMPORARY	SEWER
13AV	AERIAL	5785	0	0	5785	0
13TV	TEMP.	8004	0	5785	0	0
13SV	SEWER	1980	0	0	0	0

REV. BY	DATE	DESCRIPTION
CPU	9/10/10	ADDED PARCEL 12-E AND LABELS
CPU	11/30/09	CHANGED PARCEL 12 WDV's TO SHV's

RAILROAD PLAT - TOLEDO TERMINAL

WOO-WALES RD

PLD NO. 78877
CALCULATED JMA
CHECKED CPU

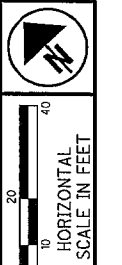
36/40
⑩
⑫
⑬
⑭

329
333

sedwards 10:45:17 AM
5/3/2011
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PENNSYLVANIA LINES LLC
NE 1/4 OF SECTION 32 & NW 1/4 OF SECTION 33
T-8-N, R-12-E
CITY OF NORTHWOOD
WOOD COUNTY

N. DROUILLARD ROAD
CURVE DATA
 P.I. STA. 305+21.19
 $\Delta = 44^\circ 39' 22''$ (LT)
 $D_c = 11^\circ 00' 00''$
 $R = 520.87'$
 $T = 213.92'$
 $L = 405.97'$
 $E = 42.22'$

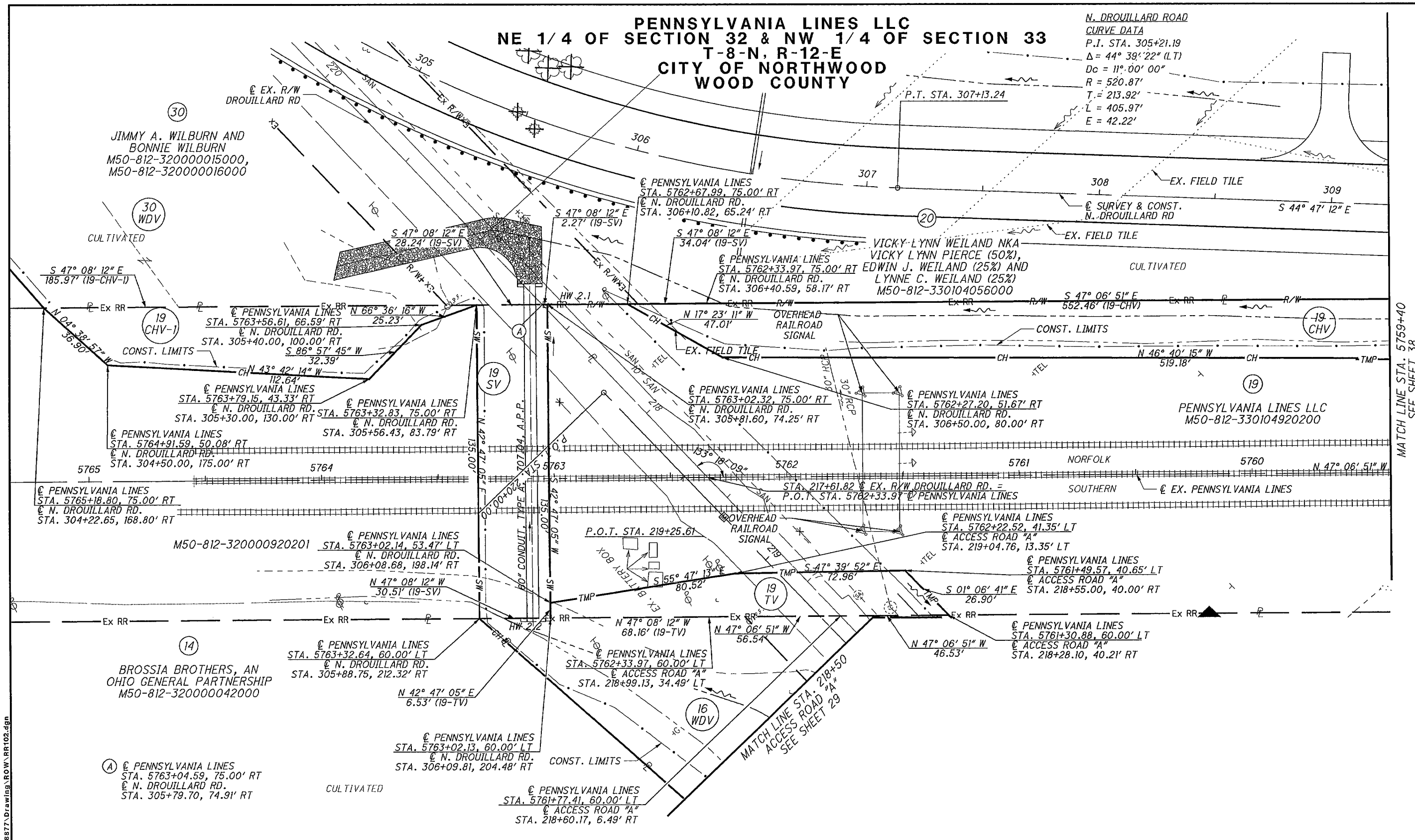


PID NO. 78877
 CALCULATED JIMA
 CHECKED CPU

RAILROAD PLAT - PENNSYLVANIA LINES

WOO-WALES RD

37/40
 330
 333



JIMMY A. WILBURN AND
 BONNIE WILBURN
 M50-812-320000015000,
 M50-812-320000016000

VICKY-LYNN WEILAND NKA
 VICKY LYNN PIERCE (50%),
 EDWIN J. WEILAND (25%) AND
 LYNNE C. WEILAND (25%)
 M50-812-330104056000

BROSSIA BROTHERS, AN
 OHIO GENERAL PARTNERSHIP
 M50-812-320000042000

PENNSYLVANIA LINES LLC
 M50-812-330104920200

NOTE: THE RAILROAD STATIONING IS FROM THE
 FOLLOWING RAILROAD VALUATION MAPS:

RIGHT-OF-WAY AND TRACK MAP NEW YORK CENTRAL
 RAILROAD WEST OF BUFFALO OPERATED BY THE
 NEW YORK CENTRAL RAILROAD CO.

STATION 5765+00 TO STATION 5725+00
 RECORD MAP REFERENCE V-208A/6

PARCEL NO.	EASEMENT REQUIRED	TOTAL AREA	AREA OF OVERLAP (S.F.)			
			STANDARD	AERIAL	TEMPORARY	SEWER
19TV	TEMP.	2569	0	0	0	0
19SV	SEWER	4119	0	0	0	0
19CHV	CHANNEL	15521	0	0	0	0
19CHV-1	CHANNEL	4072	0	0	0	0

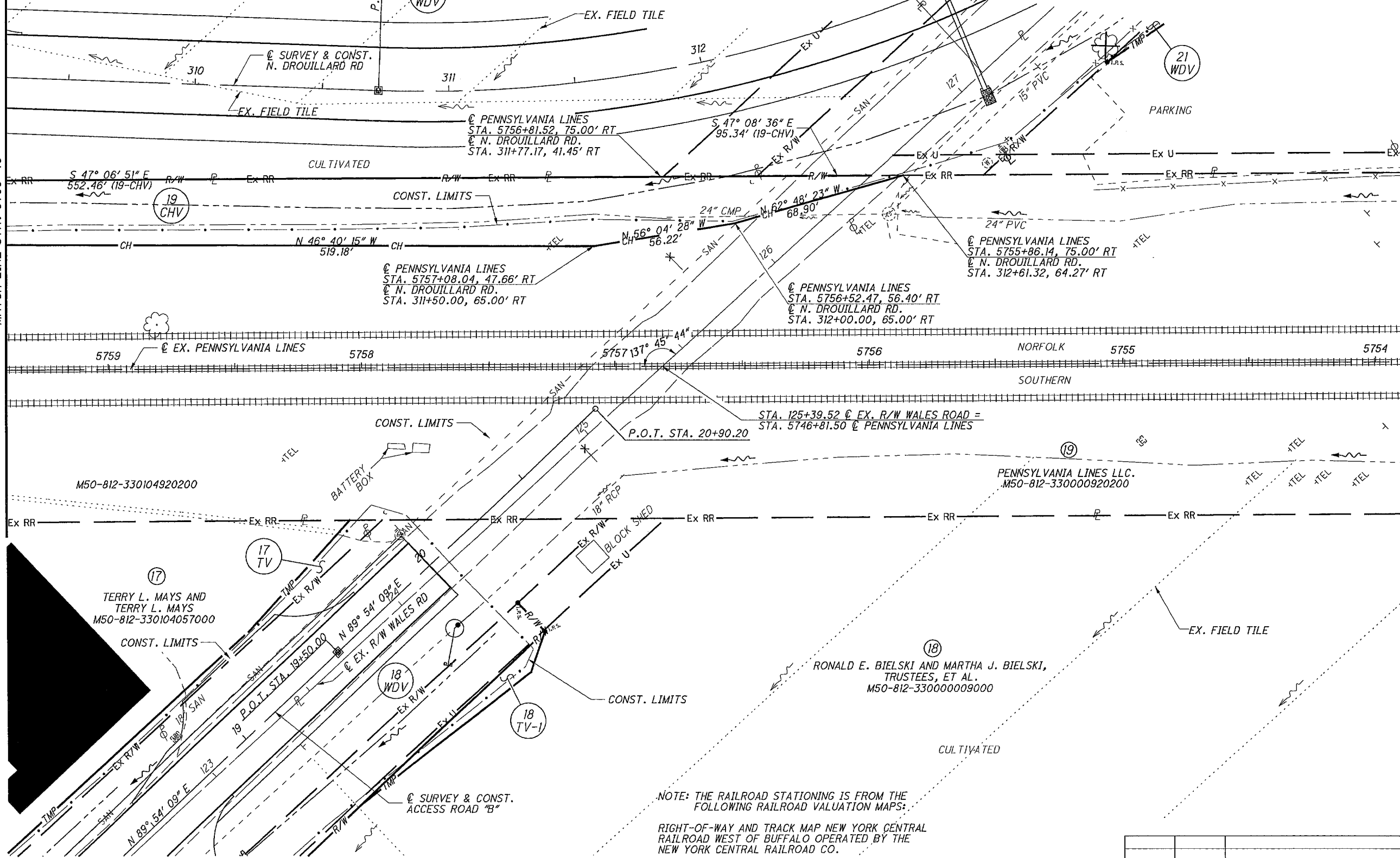
REV. BY	DATE	DESCRIPTION
BPB	07/26/11	REVISED EX. RR R/W & ADJOINING PARCELS
CPU	3/22/10	REVISED PARCEL 19-CHV
DATE COMPLETED		

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PENNSYLVANIA LINES LLC
 NW 1/4 & SW 1/4 OF SECTIONS 33
 T-8-N, R-12-E
 CITY OF NORTHWOOD
 WOOD COUNTY

SEE SHEET 37
 MATCH LINE STA. 5759+40

20
 VICKY LYNN WEILAND NKA VICKY LYNN PIERCE (50%)
 EDWIN J. WEILAND (25%) AND LYNNE C. WEILAND (25%)
 M50-812-330104056000

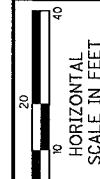


NOTE: THE RAILROAD STATIONING IS FROM THE FOLLOWING RAILROAD VALUATION MAPS:

RIGHT-OF-WAY AND TRACK MAP NEW YORK CENTRAL RAILROAD WEST OF BUFFALO OPERATED BY THE NEW YORK CENTRAL RAILROAD CO.

STATION 5765+00 TO STATION 5725+00

RECORD MAP REFERENCE V-208A/6



PID NO. 78877

CALCULATED JIMA CPU

RAILROAD PLAT - PENNSYLVANIA LINES

WOO-WALES RD

REV. BY	DATE	DESCRIPTION
BPB	07/27/11	REVISED EX. RR R/W & ADJOINING PARCELS
CPU	3/22/10	REVISED PARCEL 19-CHV
CPU	07/13/09	REVISED PARCEL 18 OWNER NAME
DATE COMPLETED		

38/40

331
333

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PENNSYLVANIA LINES LLC
SW 1/4 OF SECTION 33
T-8-N, R-12-E
CITY OF NORTHWOOD
WOOD COUNTY



20
10
0
HORIZONTAL
SCALE IN FEET

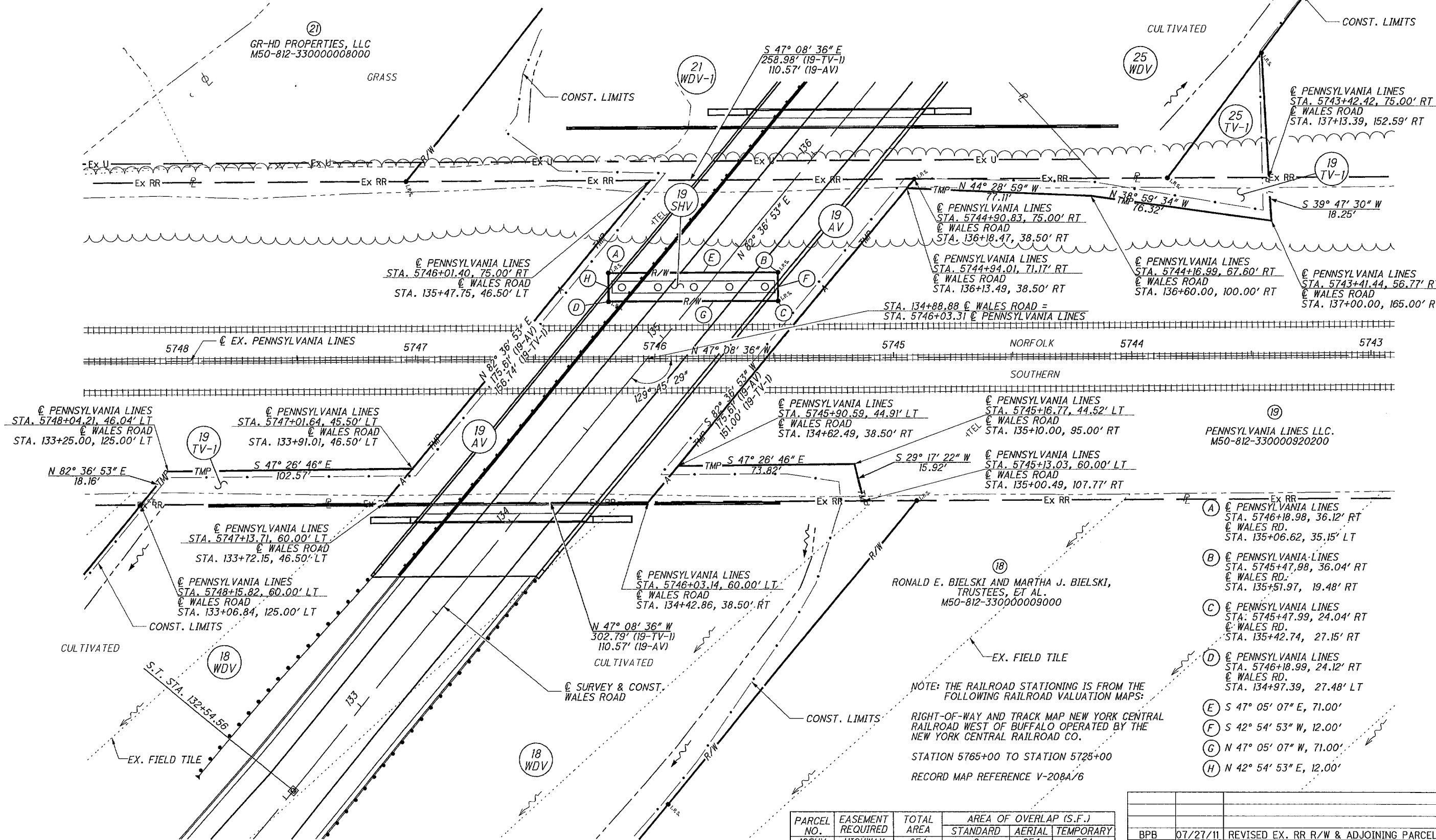
PID NO.
78877

CALCULATED
JMA
CHECKED
CPU

RAILROAD PLAT - PENNSYLVANIA LINES

WOO-WALES RD

39/40
332
333



PARCEL NO.	EASEMENT REQUIRED	TOTAL AREA	AREA OF OVERLAP (S.F.)		
			STANDARD	AERIAL	TEMPORARY
19SHV	HIGHWAY	854	0	854	854
19AV	AERIAL	14927	854	0	14927
19TV-1	TEMP.	19018	854	14927	0

REV. BY	DATE	DESCRIPTION
BPB	07/27/11	REVISED EX. RR R/W & ADJOINING PARCELS
CPU	10/27/10	REVISED PARCEL 19-SHV
CPU	07/13/09	REVISED PARCEL 18 OWNER NAME

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PARCEL LEAD-INS					
COMMENCING FROM A PK NAIL FOUND AT THE SE CORNER OF THE NE 1/4 OF SEC 32, T 8 N, R 12 E, SAID POINT BEING AT THE INTERSECTION OF THE CENTERLINE OF EXIST. WALES RD WITH THE CENTERLINE OF EXIST. DROUILLARD RD, (STA. 17+18.65, 0.57' RT ACCESS ROAD "B", ALSO BEING STA. 215+71.18, 5.19' RT ACCESS ROAD "A").					
PARCEL	BEARING	DIST. FROM POINT	STATION	OFFSET	ALIGNMENT
10-WDV	S 89°50'28" W	1495.09'	106+42.04	4.57' LT	RELOC. WALES RD
10-WDV-1	S 89°50'28" W	848.33'	35+45.00	81.76' RT	ACCESS ROAD "D"
11-WDV	S 89°50'28" W	1175.09'	32+18.28	86.76' LT	ACCESS ROAD "D"
12-WDV	S 89°50'28" W	801.60'	113+14.93	158.54' LT	RELOC. WALES RD
12-WDV-1			17+18.65	0.57' RT	ACCESS ROAD "B"
14-WDV	S 89°50'28" W	80.00'	16+38.65	0.66' RT	ACCESS ROAD "B"
16-WDV			17+18.65	0.57' RT	ACCESS ROAD "B"
18-WDV			17+18.65	0.57' RT	ACCESS ROAD "B"
20-WDV	S 89°21'07" E	513.75'	312+50.55	60.38' RT	RELOC. N DROUILLARD RD
21-WDV	S 89°21'07" E	513.75'	312+50.55	60.38' RT	RELOC. N DROUILLARD RD
21-WDV-1	S 89°21'07" E	1391.12'	321+09.53	7.07' RT	RELOC. N DROUILLARD RD
	S 00°38'53" W	566.21'	136+99.49	130.00' LT	RELOC. WALES RD
22-WDV	S 89°21'07" E	573.80'	313+01.39	37.70' RT	RELOC. N DROUILLARD RD
22-WDV-1	S 89°21'07" E	998.80'	317+17.21	6.45' RT	RELOC. N DROUILLARD RD
23-WDV	S 89°21'07" E	778.80'	314+97.21	6.10' RT	RELOC. N DROUILLARD RD
24-WDV	S 89°21'07" E	888.80'	316+07.21	6.27' RT	RELOC. N DROUILLARD RD
25-WDV	S 89°21'07" E	1391.12'	321+09.53	7.07' RT	RELOC. N DROUILLARD RD
26-WDV	S 89°21'07" E	1593.80'	323+12.21	7.39' RT	RELOC. N DROUILLARD RD
27-WDV	S 89°21'07" E	2018.80'	20+71.39	57.99' LT	ACCESS ROAD "C"
29-WDV	N 00°24'59" W	513.09'	305+49.42	56.76' RT	RELOC. N DROUILLARD RD
30-WDV	N 00°24'59" W	474.45'	305+79.70	74.91' RT	RELOC. N DROUILLARD RD
31-WDV	N 00°24'59" W	708.83'	303+70.61	0.28' RT	RELOC. N DROUILLARD RD

BPB	07/26/11	REVISED 20-WDV, 21-WDV, 21-WDV-1 & 30-WDV
REV. BY	DATE	DESCRIPTION

R/W DESIGNER JMA	R/W REVIEWER CPU	PID NO. 78877	PARCEL LEAD-INS
WOO-WALES RD		FEDERAL PROJECT NO. E050274	<div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> 40 / 40 </div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> 333 </div> <div style="border: 1px solid black; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> 333 </div>