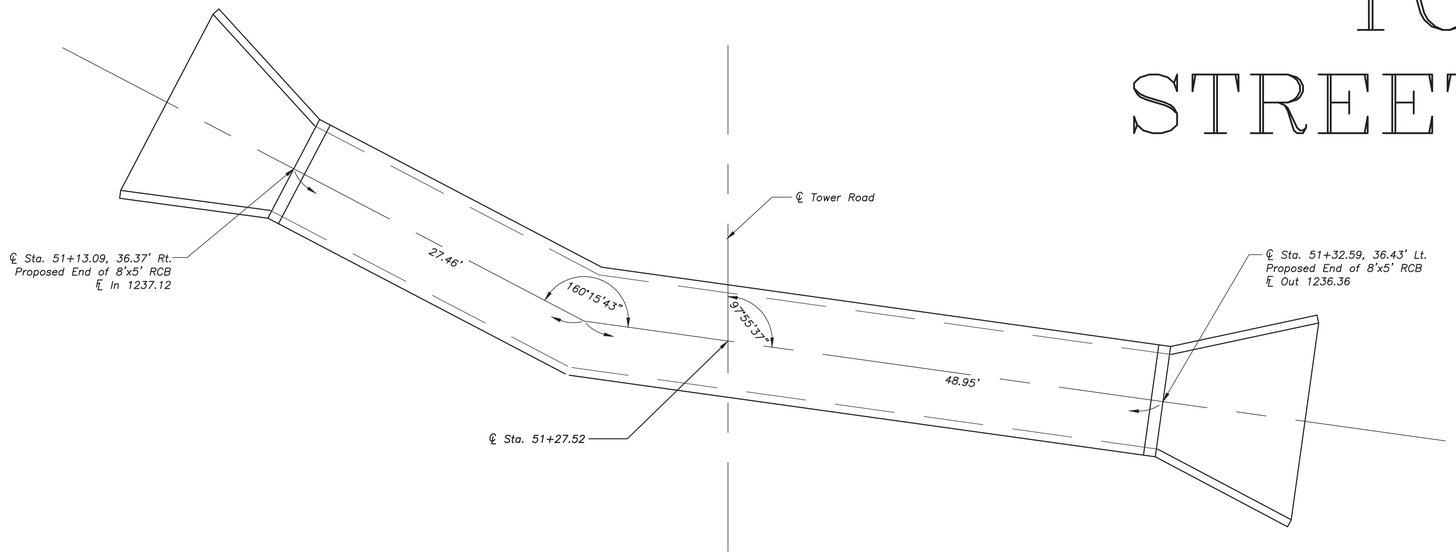
TOWER ROAD
STREET IMPROVEMENTS



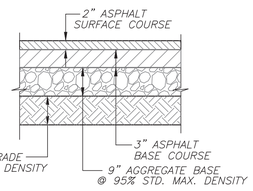
R.C.B. DETAILS

Construct 8'x5' Reinforced Box Culvert per Missouri Highway Department, Standard Drawing No. 703.14G and No. 703.15C except as shown above. Design Fill = 0'–10" with HS20 Load.

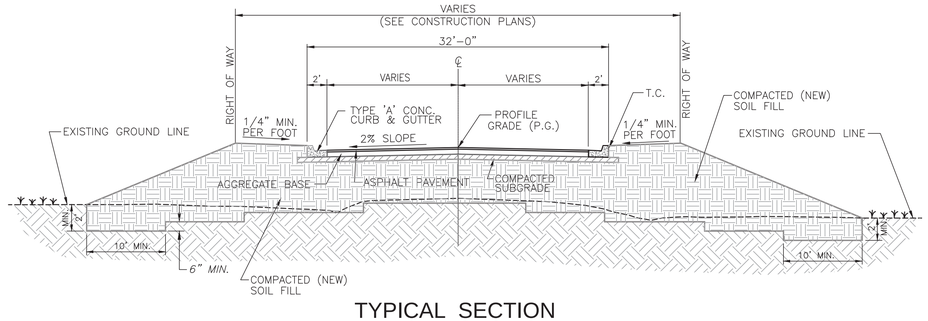
INDEX OF SHEETS

SHEET	DESCRIPTION
CD–1	*Title Sheet & Construction Details*
PP–1	*Tower Road Plan & Profile (Bland Road to Sta. 25+00)*
PP–2	*Tower Road Plan & Profile (Sta. 25+00 to 31+00)*
PP–3	*Tower Road Plan & Profile (Sta. 31+00 to 37+00)*
PP–4	*Tower Road Plan & Profile (Sta. 37+00 to 43+00)*
PP–5	*Tower Road Plan & Profile (Sta. 43+00 to 48+00)*
PP–6	*Tower Road Plan & Profile (Sta. 48+00 to 53+00)*
PP–7	*Tower Road Plan & Profile (Sta. 53+00 to 58+00)*
PP–8	*Tower Road Plan & Profile (Sta. 58+00 to 64+00)*
PP–9	*Tower Road Plan & Profile (Sta. 64+00 to 70+00)*
PP–10	*Tower Road Plan & Profile (Sta. 70+00 to 76+00)*
PP–11	*Mountrose Street Plan & Profile (Sta. 6+00 to 10+00)*
PP–12	*Stella and Falcon Road Plan & Profile*
ID–1	*Intersection Details*
XS–1 thru 11	*Cross Sections*

NOTES:
ALL MATERIALS AND WORK SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF LEBANON.



PAVEMENT SECTION



TYPICAL SECTION

TOP OF CURB ELEVATION (T.C.)
= PROFILE GRADE (P.G.) + 0.20'

ITEM	UNIT	QUANTITY
ROADWAY		
FILL: Borrow Material Required (Sta. 49+25 to 53+25)	*C.Y.*	*3,620*
ASPHALT PAVEMENT	*S.F.*	*146,980*
6" CONCRETE DRIVE PAVEMENT	*S.F.*	*5,487*
CONCRETE INTERSECTION PAVEMENT	*S.F.*	*2,352*
2'–0" TYPE "A' CONCRETE CURB & GUTTER	*L.F.*	*10,055*
STORM SEWER		
15" HDPE PIPE	*L.F.*	*847*
18" HDPE PIPE	*L.F.*	*283*
24" HDPE PIPE	*L.F.*	*130*
19"x30" REINF. CONC. PIPE (ELLIPTICAL)	*L.F.*	*88*
3'X3' STANDARD CURB INLET	*EA.*	*17*
3'X3' JUNCTION BOX	*EA.*	*1*
3'x3' AREA INLET	*EA.*	*1*
3'X5' AREA INLET	*EA.*	*1*
8" CONCRETE HEADWALL (12"–24" PIPE)	*EA.*	*8*
5'x8' REINFORCED CONCRETE BOX CULVERT	*L.F.*	*76*
(Includes Wingwalls and Aprons)		

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CITY OF LEBANON, MISSOURI
DEPARTMENT OF PUBLIC WORKS
P.O. BOX 111
1401 W. COMMERCIAL
LEBANON, MISSOURI
417–588–6090

DATE:	*10/27/10*
DWN BY:	*R. NEASBY*
FINAL CKD BY:	*M. MOORE*
WTR CKD BY:	
SWR CKD BY:	
ELCT. CKD BY:	
GRID NO:	
DWG. NO:	

TOWER ROAD
STREET IMPROVEMENTS

TITTLE SHEET
CONSTRUCTION DETAILS

SCALE:
HORIZONTAL N/A
VERTICAL N/A'

SHEET NO:

CD-1

H:\Engineering\Street Program\Tower Road\Drawings\Const Details.dwg

NORTH

20' 0 20' 40'
GRAPHIC SCALE – FEET

EXIST. GAS LINE

PATTY SUMNERS
1600 S. TOWER ROAD
LEBANON, MO 65536
P.N.# 12401800200300100

MARGARET MURRELL "TRUST"
1940 S. TOWER ROAD
LEBANON, MO 65536
P.N.# 12401800300100200

℄ STA. 20+60.86
= EAST 1/4 CORNER
SEC. 13–34–16

L11–1370
EXIST. SAN. MANHOLE
EXIST. TOP ELEV. 1297.52
PROPOSED TOP 12_____
℄ OUT 1291.98 (EXISTING)

PAVEMENT WIDTH TRANSITION:
Transition pavement width from existing @ ℄ Sta. 21+43 to Typical 32' Section @ ℄ Sta. 22+34.36

S. Line N.W. 1/4, Sect. 18–34–15 = N. Line S.W. 1/4, Section 18–34–15

℄ STA. 20+60.86
= WEST 1/4 CORNER
SEC. 18–34–15

L11–1371
EXIST. SAN. MANHOLE
℄ STA. 24+36.34, 3.5' LT.
EXIST. TOP ELEV. 1296.02
PROPOSED TOP 1295.66
℄ 1289.02 (EXISTING)

EXISTING 12" PVC WATER MAIN (CITY)

Existing Storm Sewer

EXIST. OVERHEAD ELECTRIC (CITY)

W. Line Section 18–34–15
= E. Line Section 13–34–16

EXIST. OVERHEAD ELECTRIC (LACLEDE)

Exist. R/W

Exist. Type "A" Curb & Gutter

℄ Sta. 21+42.89, Right
Begin Proposed Curb & Gutter, transition to match existing pavement.

Approximate Limits of Construction.

EXIST. OVERHEAD ELECTRIC (CITY)

EXIST. 8" SAN. SEWER

Existing Pavement

Exist. R/W

℄ Proposed Roadway

Existing Pavement

W. Line Section 18–34–15
E. Line Section 13–34–16

EXISTING 12" PVC WATER MAIN (CITY)

EXIST. OVERHEAD ELECTRIC (LACLEDE)

EXIST. FIBER OPTIC (UNDERGROUND)

Existing Storm Sewer

℄ Sta. 21+42.89, Right
Begin Proposed Curb & Gutter, transition to match existing pavement.

Approximate Limits of Construction.

℄ Sta. 23+01.34 Right
Construct Type "A" Drive
W=16.0

℄ Sta. 23+78.85 Right
Construct Type "A" Drive
W=16.0

TRIPLE G PROPERTIES
LEBANON, MO 65536
P.N.# 13601300400100101

SAM & SUSAN ALLEN
1633 S. TOWER ROAD
LEBANON, MO 65536
P.N.# 13601300400100300

1300.74 cleanout

BLAND ROAD

EXISTING 8" WATER MAIN (CITY)

40' R/W

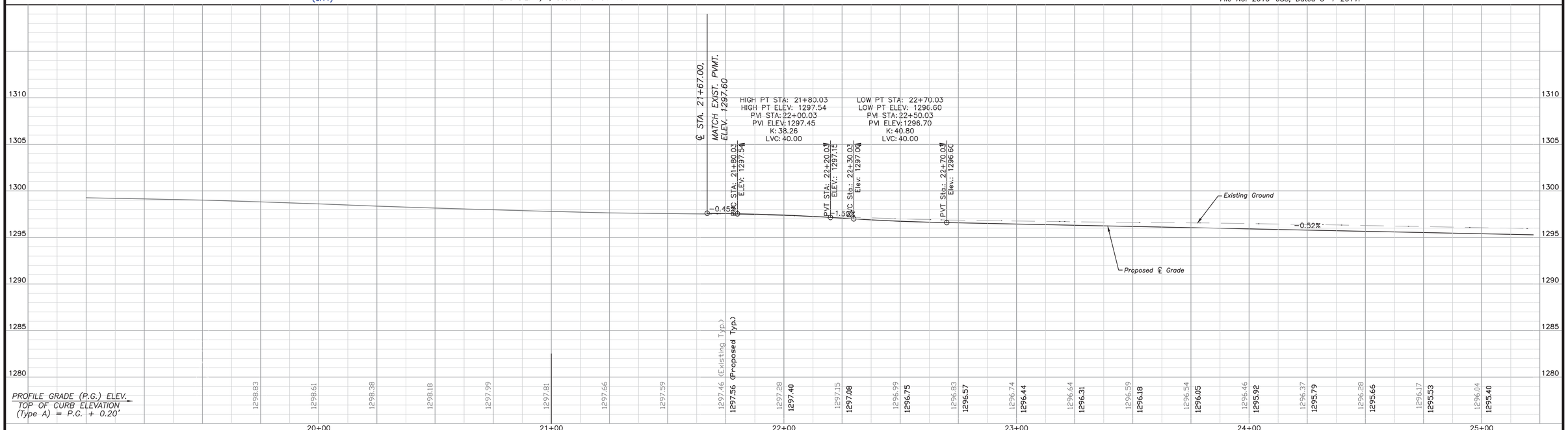
S. Line N.E. 1/4, Sect. 13–34–16
= N. Line S.E. 1/4, Section 13–34–16

DANIEL W. HOOCK
1613 S. TOWER RD.
LEBANON, MO 65536
P.N.# 13601300400100100

NOTE:
Construct Curb Cut at ℄ Sta. 22+32 and Sta. 22+81. Notch curb (3' Wide) to facilitate drainage from front yards. Construct at other locations as required.

FRED D. & MILDRED PITTS
1623 S. TOWER ROAD
LEBANON, MO 65536
P.N.# 13601300400100200

NOTE:
Existing right of way and property lines shown are from Robert S. Shotts, Inc. Survey, File No. 2010–088, Dated 3–4–2011.



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DATE: Feb 12, 2013 9:41am
XREFS: 2010 Base Tower Road
USER: rneasby

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DEPARTMENT OF PUBLIC WORKS
P.O. BOX 111
1401 W. COMMERCIAL
LEBANON, MISSOURI
417–588–6090

DATE:	10/22/10
DWN BY:	R. NEASBY
FINAL CKD BY:	M. MOORE
WTR CKD BY:	
SWR CKD BY:	
ELCT. CKD BY:	
GRID NO:	
DWG. NO:	

TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 19+00 to Sta. 25+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:

PP - 1

NORTH

20' 0 20' 40'
GRAPHIC SCALE – FEET

MARGARET MURRELL "TRUST"
1940 S. TOWER ROAD
LEBANON, MO 65536
P.N.# 12401800300100200

L11–1372
EXIST. SAN. MANHOLE
℄ STA. 27+34.42, 1.71' LT.
EXIST. TOP ELEV. 1294.01
PROPOSED TOP 1293.52
℄ 1282.96 (EXISTING)

L11–1373
EXIST. SAN. MANHOLE
℄ STA. 30+38.31, 3.86' LT.
EXIST. TOP ELEV. 1288.15
PROPOSED TOP 1288.12
℄ 1279.05 (EXISTING)

Existing R/W
EXIST. 8" SAN. SEWER
Approximate Limits of Construction.
EXIST. OVERHEAD ELECTRIC (CITY)
W. Line Section 18–34–15 = E. Line Section 13–34–16
16'
16'
℄ Proposed Roadway
TOWER ROAD
Existing Pavement
EXISTING 12" PVC WATER MAIN (CITY)
Existing R/W
Approximate Limits of Construction.
℄ Sta. 26+26.49 Right Construct Type "A" Drive W=16.0
℄ Sta. 27+50.80 Right Construct Type "A" Drive W=18.0'
EXISTING 12" PVC WATER MAIN (CITY)
EXIST. OVERHEAD ELECTRIC (LACLEDE)
℄ Sta. 25+05.13 Right Construct Type "A" Drive W=18.0
℄ Sta. 29+87.95 Right Construct Type "A" Drive W=14.0'

SAM & SUSAN ALLEN
1633 S. TOWER ROAD
LEBANON, MO 65536
P.N.# 13601300400100300

JOHN W. & NORMA RAYFIELD
1643 S. TOWER ROAD
LEBANON, MO 65536
P.N.# 13601300400100401

KATHY MARIE CRAWFORD
1701 S. TOWER ROAD
LEBANON, MO 65536
P.N.# 13601300400100400

GENEVA D. LINDSAY
___ S. TOWER ROAD
LEBANON, MO 65536
P.N.# 13601300400100403

NOTE:
Existing right of way and property lines shown are from Robert S. Shotts, Inc. Survey, File No. 2010–088, Dated 3–4–2011.

HIGH PT STA: 25+80.03
HIGH PT ELEV: 1294.99
PVI STA: 26+60.03
PVI ELEV: 1294.57
K: 191.05
LVC: 160.00

HIGH PT STA: 28+88.03
HIGH PT ELEV: 1291.48
PVI STA: 30+53.03
PVI ELEV: 1289.24
K: 91.57
LVC: 330.00

PVC STA: 25+80.03
ELEV.: 1294.99
PVT STA: 27+40.03
ELEV.: 1293.46
PVC STA: 28+88.03
ELEV.: 1291.48
–0.42%
1.36%
Proposed ℄ Grade
Existing Ground

PROFILE GRADE (P.G.) ELEV.
TOP OF CURB ELEVATION (Type A) = P.G. + 0.20'

25+00	26+00	27+00	28+00	29+00	30+00	31+00
1296.04 (Existing Typ.)	1295.91	1295.81	1295.70	1295.59	1295.41	1295.22
1295.40 (Proposed Typ.)	1295.27	1295.14	1295.01	1294.87	1294.70	1294.49

25+00	26+00	27+00	28+00	29+00	30+00	31+00
1294.99	1294.72	1294.39	1294.03	1293.70	1293.38	1293.05
1294.25	1293.99	1293.68	1293.35	1293.01	1292.67	1292.33

29+00	30+00	31+00
1292.69	1292.32	1291.89
1291.99	1291.65	1291.31

29+00	30+00	31+00
1291.39	1290.86	1290.25
1290.90	1290.43	1289.88

30+00	31+00
1289.64	1288.87
1289.27	1288.59

30+00	31+00
1288.10	1287.24
1287.85	1287.03

31+00
1286.25
1286.15

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DEPARTMENT OF PUBLIC WORKS
P.O. BOX 111
1401 W. COMMERCIAL
LEBANON, MISSOURI
417–588–6090

DATE: 10/22/10
DWN BY: R. NEASBY
FINAL CKD BY: M. MOORE
WTR CKD BY:
SWR CKD BY:
ELCT. CKD BY:
GRID NO:
DWG. NO:

TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 25+00 to Sta. 31+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:
PP - 2

DWG: H:\Engineering\Street Program\Tower Road\2010 Project\Street Plan.dwg USER: rneasby
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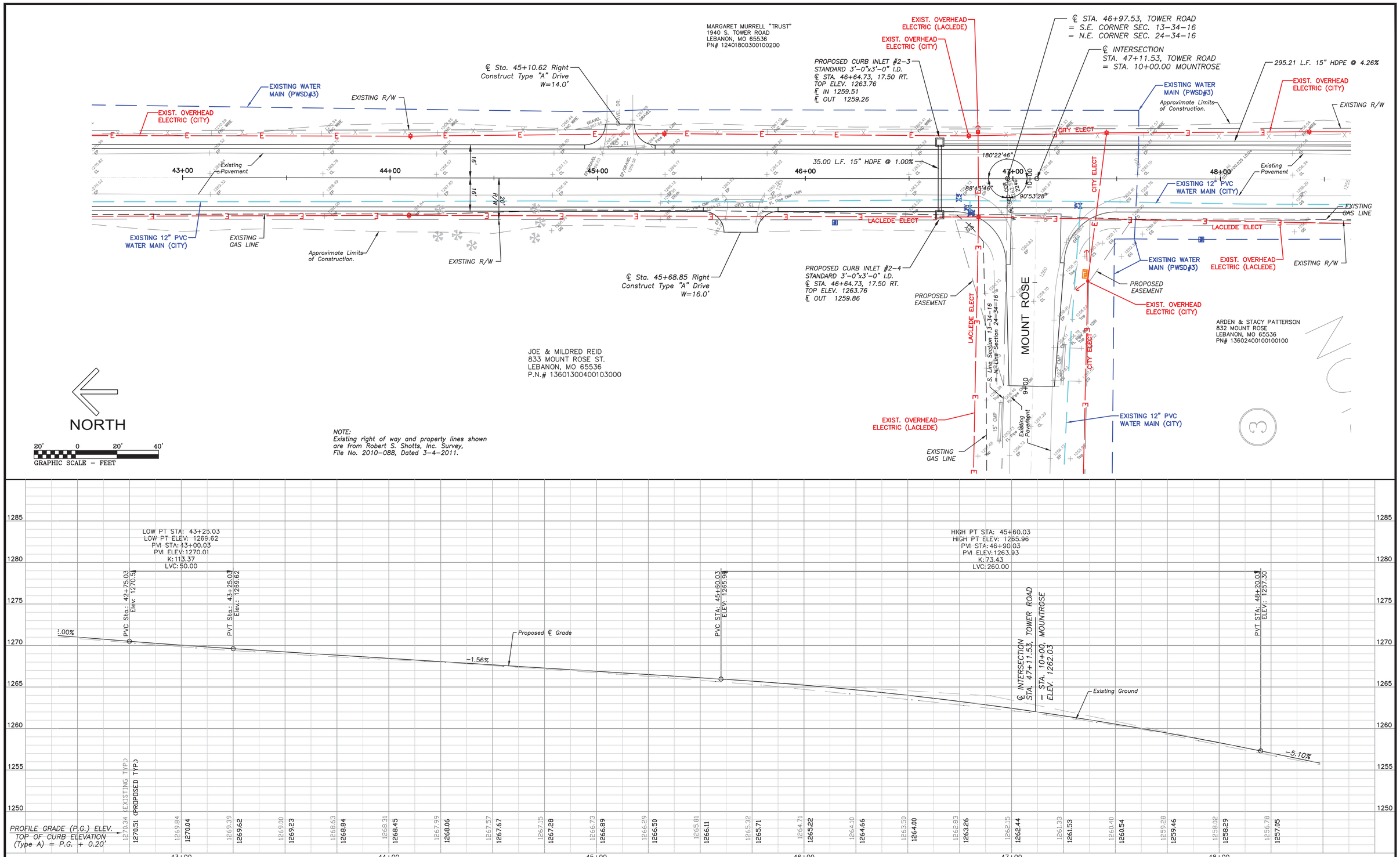

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417-588-6090

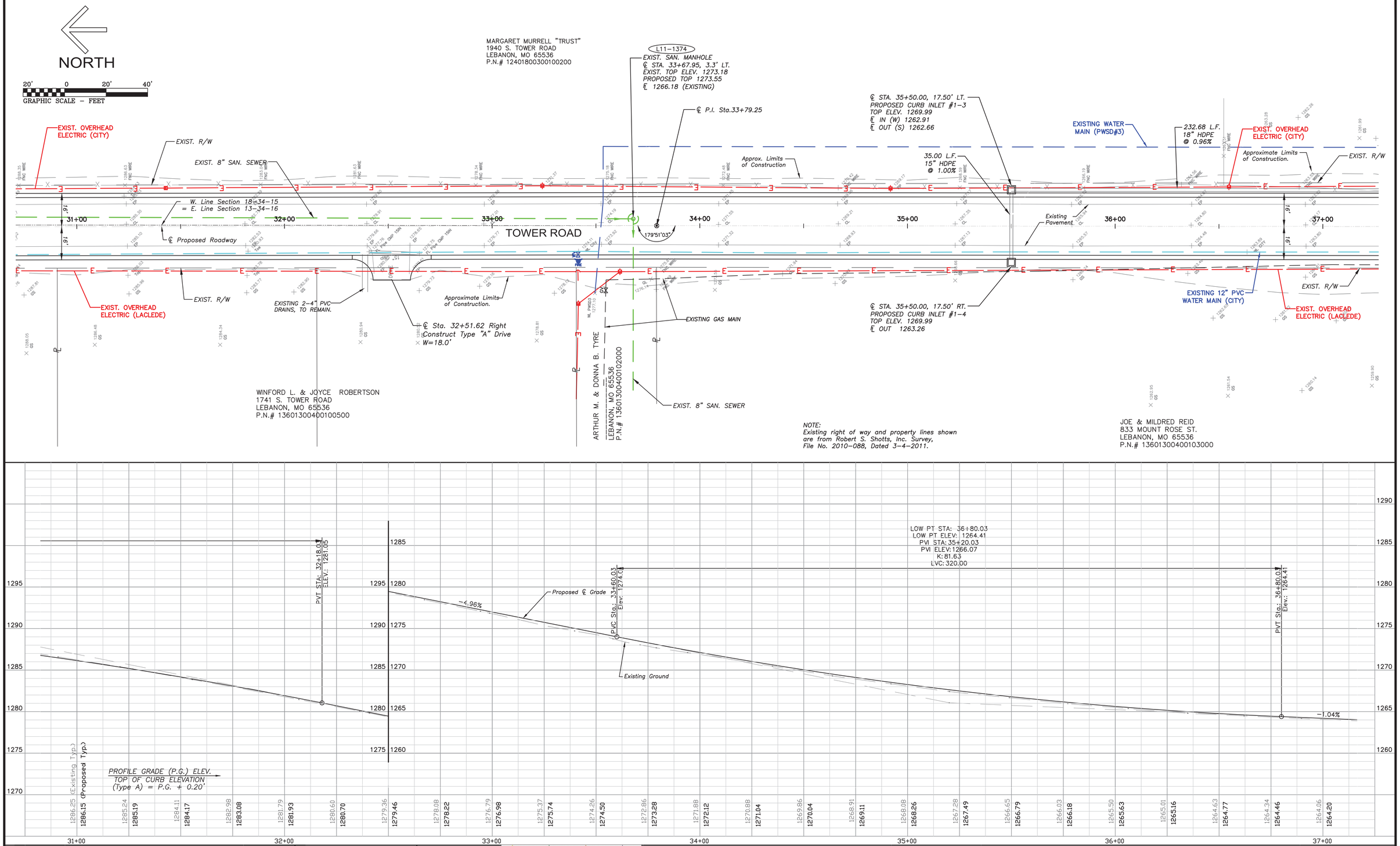
DATE: 10/18/10
DWN BY: R. NEASBY
FINAL CKD BY: M. MOORE
WTR CKD BY:
SWR CKD BY:
ELCT. CKD BY:
GRID NO:
DWG. NO:

TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 43+00 to Sta. 48+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:
PP - 5



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417–588–6090

DATE: 10/22/10
DWN BY: R. NEASBY
FINAL CKD BY: M. MOORE
WTR CKD BY:
SWR CKD BY:
ELCT. CKD BY:
GRID NO:
DWG. NO:

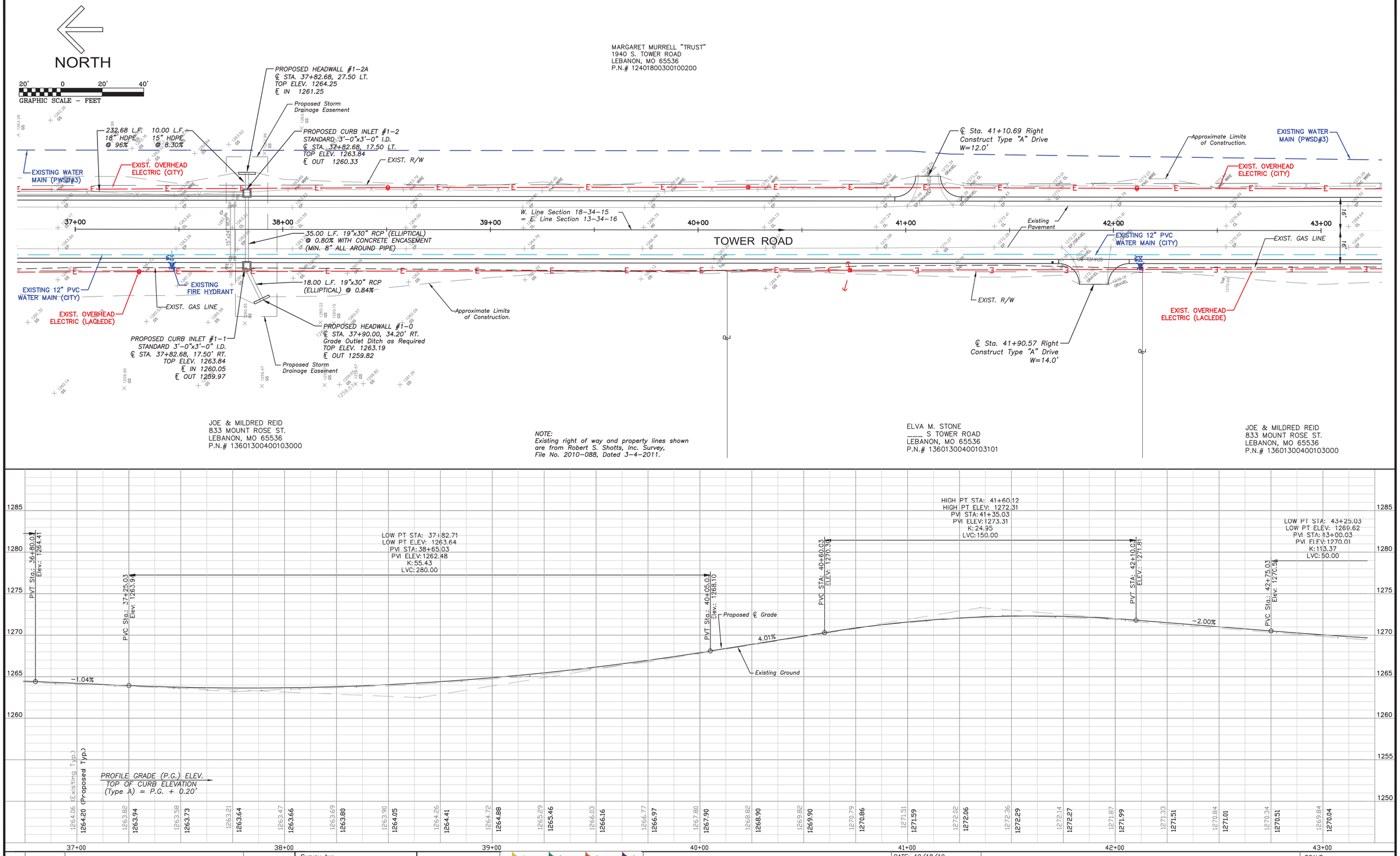
TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 31+00 to Sta. 37+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:

PP - 3



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WTR CKD BY:	
SWR CKD BY:	
ELCT. CKD BY:	
GRID NO:	
DWG. NO:	

TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 37+00 to Sta. 43+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:
PP - 4

DWG: H:\Engineering\Street Program\Tower Road\2010 Project\Street Plan.dwg USER: rneasby
DATE: Feb 12, 2013 9:43am XREFS: 2010 Base Tower Road

NORTH

20' 0 20' 40'
GRAPHIC SCALE – FEET

MARGARET MURRELL "TRUST"
1940 S. TOWER ROAD
LEBANON, MO 65536
PN# 12401800300100200

PROPOSED AREA INLET #2–2B
STANDARD 3'–0"x3'–0" I.D.
℄ STA. 0+52.27, 24.17 LT. FALCON
TOP ELEV. 1249.48
℄ OUT 1245.81

S. Line Section 18–34–15
= N. Line Section 19–34–15

EXIST. OVERHEAD ELECTRIC (LACLEDE)

PROPOSED EASEMENT

℄ STA. 50+03.15, TOWER ROAD
= S.W. CORNER SEC. 18–34–15
= N.W. CORNER SEC. 19–34–15

44.06 L.F. 15" HDPE @ 1.00%

PROPOSED CURB INLET #2–4
STANDARD 3'–0"x3'–0" I.D.
℄ STA. 49+59.93, 17.50 LT.
TOP ELEV. 1250.68
℄ IN (N) 1246.68
℄ IN (W) 1246.23
℄ IN (E) 1245.37
℄ OUT (S) 1244.87

295.21 L.F. 15" HDPE @ 4.26%

EXISTING WATER MAIN (PWSD#3)

EXIST. R/W

EXIST. OVERHEAD ELECTRIC (CITY)

W. Line Section 18–34–15
= E. Line Section 24–34–16

EXISTING 12" PVC WATER MAIN (CITY)

EXIST. GAS LINE

LACLEDE ELECT

EXISTING WATER MAIN (PWSD#3)

EXIST. R/W

EXIST. OVERHEAD ELECTRIC (LACLEDE)

Approximate Limits of Construction.

TOWER ROAD

FALCON ROAD

℄ INTERSECTION
STA. 50+10.65, TOWER ROAD
= STA. 10+00.00 FALCON ROAD

ARDEN & STACY PATTERSON
832 MOUNT ROSE
LEBANON, MO 65536
PN# 13602400100100100

℄ STA. 51+25.91, 17.50 LT.
CONNECT TO PROPOSED R.C.B.
℄ PIPE 1239.13
℄ R.C.B. 1236.55

PROPOSED CURB INLET #2–1
STANDARD 3'–0"x3'–0" I.D.
℄ STA. 51+10.66, 17.50 LT.
TOP ELEV. 1247.79
℄ IN (N) 1242.45
℄ OUT (S) 1242.20

PROPOSED EASEMENT

150.73 L.F. 15" HDPE @ 1.60%

15.25 L.F. 15" HDPE @ 20.00%

7.80 L.F. 15" HDPE @ 29.00%

PROPOSED CURB INLET #3–1
STANDARD 3'–0"x3'–0" I.D.
℄ STA. 51+10.66, 17.50 RT.
TOP ELEV. 1247.79
℄ OUT (S) 1241.79

℄ STA. 51+18.46, 17.50 RT.
CONNECT TO PROPOSED R.C.B.
℄ PIPE 1239.50
℄ R.C.B. 1236.92

PROPOSED EASEMENT

℄ STA. 51+07.52, 47.00 RT.
℄ R.C.B. 1237.24

℄ STA. 51+19.60, 32.55 RT.
CONNECT TO PROPOSED R.C.B.
℄ PIPE 1239.66
℄ R.C.B. 1237.07

60.34 L.F. 15" HDPE @ 8.37%

KENNETH & WILLA F. VIELE
22090 FALCON ROAD
LEBANON, MO 65536
P.N.# 12401900200100100

EXIST. OVERHEAD ELECTRIC (LACLEDE)

℄ STA. 51+34.24, 48.32 LT.
℄ R.C.B. 1236.24

PROPOSED EASEMENT

℄ STA. 51+27.52,
Proposed 8'x5' R.C.B.

℄ INTERSECTION
STA. 51+62.53, TOWER ROAD
= STA. 6+35.00 STELLA ROAD

Approximate Limits of Construction.

EXIST. OVERHEAD ELECTRIC (CITY)

EXISTING R/W

CITY ELECT

Existing Pavement

W. Line Section 19–34–15
= E. Line Section 24–34–16

EXISTING 12" PVC WATER MAIN (CITY)

EXISTING R/W

PROPOSED EASEMENT

PROPOSED CURB INLET #4–1
STD. 3'–0"x3'–0" I.D. (SETBACK)
℄ STA. 5+88.21, 16.50 RT.
TOP ELEV. 1250.68
℄ IN 1244.96
℄ OUT (S) 1244.71

21.50 L.F. 15" HDPE @ 2.00%

EXIST. OVERHEAD ELECTRIC (LACLEDE)

EXIST. GAS LINE

EXISTING WATER MAIN (PWSD#3)

℄ STA. 5+66.73, 15.50 RT.
PROPOSED CONC. HEADWALL
TOP 1248.55
℄ IN 1245.39

EXISTING 6" DI WATER MAIN (CITY)

STELLA

Existing Pavement

JAMES & DOROTHY LOCKWOOD
2100 TOWER ROAD
LEBANON, MO 65536
P.N.# 12401900200100100

STEVE & CHERYL WOOD
836 STELLA ROAD
LEBANON, MO 65536
P.N.# 13602400100101700

NOTE:
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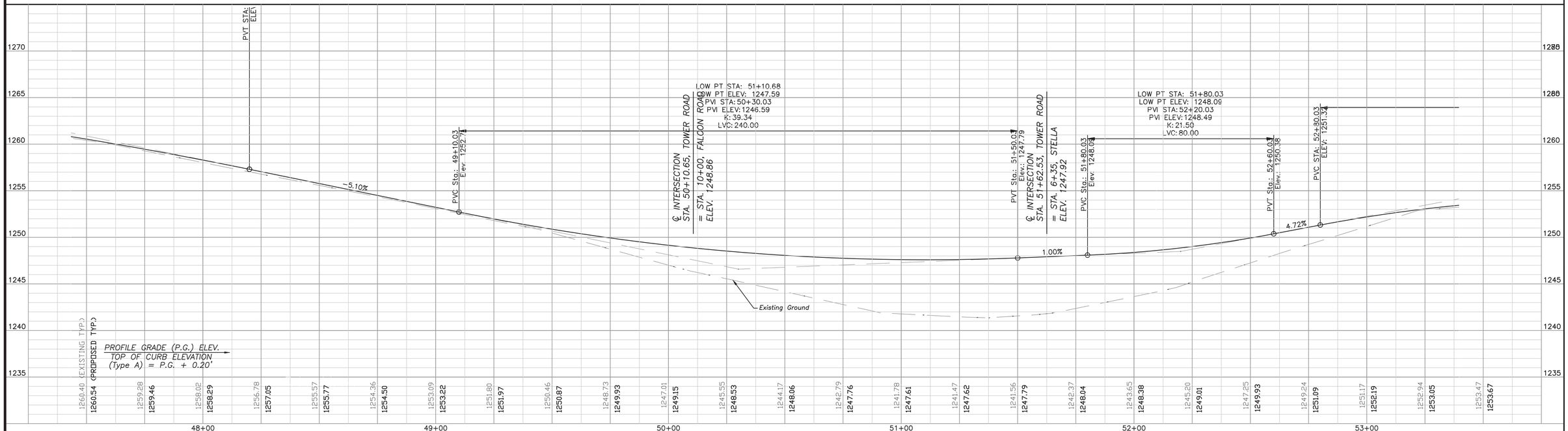

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9:43am Feb 12, 2013
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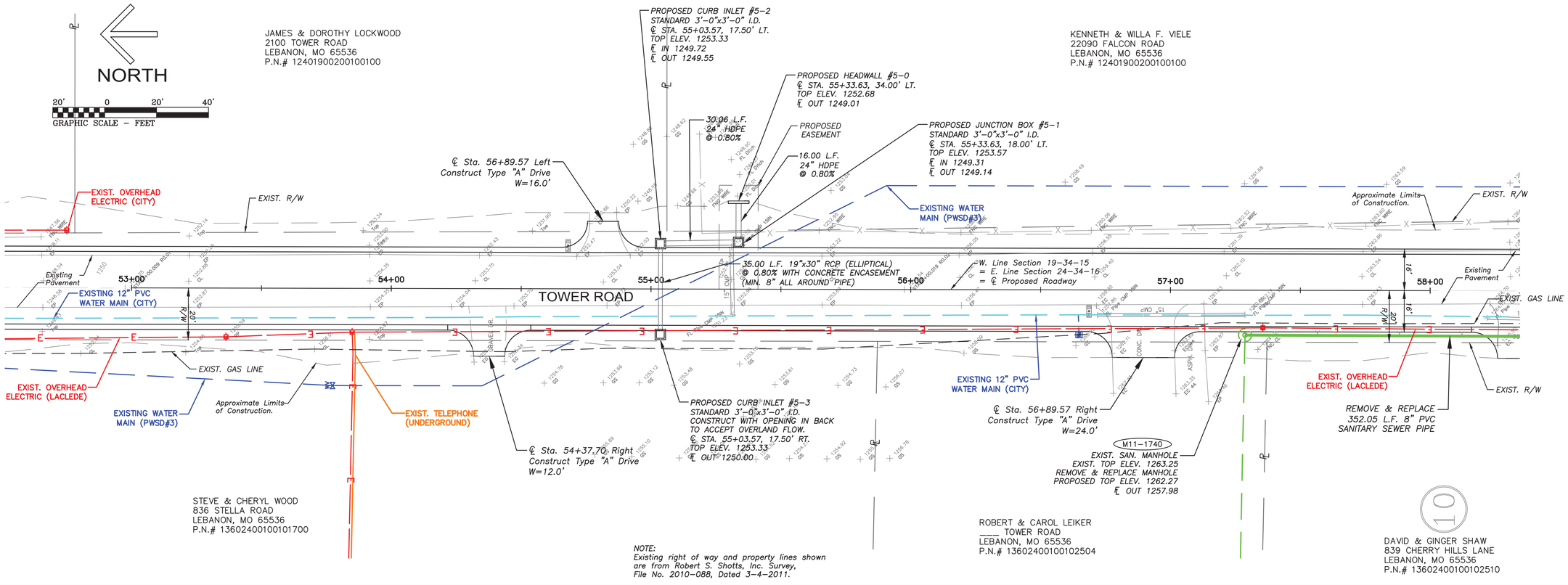
WTR CKD BY:	
SWR CKD BY:	
ELCT. CKD BY:	
GRID NO:	
DWG. NO:	

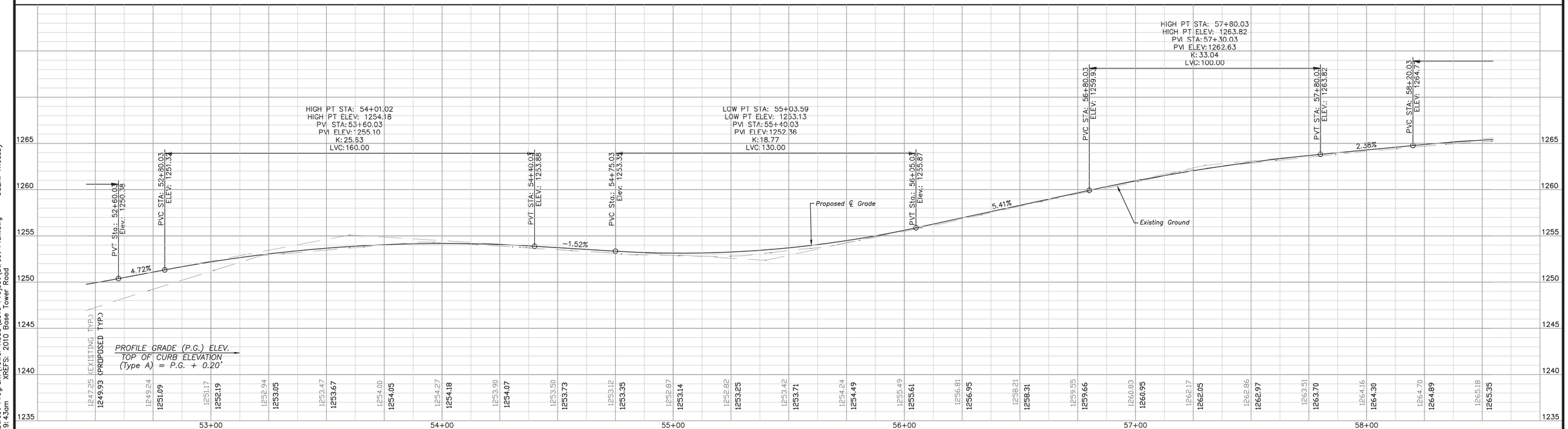
TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 48+00 to Sta. 53+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:
PP - 6





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CITY OF LEBANON, MISSOURI
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P.O. BOX 111
1401 W. COMMERCIAL
LEBANON, MISSOURI
417-588-6090

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FINAL CKD BY:	M. MOORE
WTR CKD BY:	
SWR CKD BY:	
ELCT. CKD BY:	
GRID NO:	
DWG. NO:	

TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 53+00 to Sta. 58+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:

PP - 7

NORTH

20' 0 20' 40'
GRAPHIC SCALE – FEET

℄ INTERSECTION
STA. 59+12.54, TOWER ROAD
= STA. 10+00.00 CHERRY HILLS

KENNETH & WILLA F. VIELE
22090 FALCON ROAD
LEBANON, MO 65536
P.N.# 12401900200100100

EXIST. OVERHEAD ELECTRIC (LACLEDE)

EXISTING WATER MAIN (PWSD#3)

EXIST. R/W

EXIST. GAS LINE

EXIST. 8" PVC SANITARY SEWER

℄ Sta. 58+36.95 Right
Construct Type "A" Drive
W=22.0'

REMOVE & REPLACE
352.05 L.F. 8" PVC
SANITARY SEWER PIPE

EXIST. OVERHEAD ELECTRIC (LACLEDE)

PROPOSED EASEMENT

EXIST. R/W

DAVID & GINGER SHAW
839 CHERRY HILLS LANE
LEBANON, MO 65536
P.N.# 13602400100102510

CHERRY HILLS LANE

58+00 59+00 60+00 61+00 62+00 63+00 64+00

TOWER ROAD

12" CMP

45" CMP

24" CMP

EXIST. R/W 20'

PROPOSED EASEMENT

REMOVE & REPLACE
352.05 L.F. 8" PVC
SANITARY SEWER PIPE

℄ Sta. 60+03.03 Right
Construct Type "A" Drive
W=22.0'

EXIST. R/W

ALAN LEVON MITCHELL
___ CHERRY HILLS LANE
LEBANON, MO 65536
P.N.# 13602400100102511

Approximate Limits of Construction.

M11–1741
EXIST. SAN. MANHOLE
EXIST. TOP ELEV. 1263.63
REMOVE & REPLACE MANHOLE
PROPOSED TOP ELEV. 1261.23
℄ OUT 1259.21 (N)
℄ IN 1259.80 (S–FM)

EXIST. 8" PVC SANITARY SEWER

EXIST. SAN. SEWER FORCE MAIN

EXISTING 12" PVC WATER MAIN (CITY)

PROPOSED HEADWALL #5–0
℄ STA. 62+92.39, 34.36' LT.
TOP ELEV. 1247.92
℄ OUT 1244.25

END OF SAN. SEWER PIPE,
INSTALL PLUG, FOR FUTURE
℄ STA. 62+78, 46' LT.
℄ ELEV. 1242.15

Approximate Limits of Construction.

PROPOSED EASEMENT

17.80 L.F. 24" HDPE @ 1.00%

PROPOSED CURB INLET #6–1
STANDARD 3'–0"x3'–0" I.D.
℄ STA. 62+98.11, 17.50' LT.
TOP ELEV. 1252.16
℄ IN 1244.60
℄ OUT 1244.43

EXISTING WATER MAIN (PWSD#3)

EXIST. R/W

35.00 L.F. 24" HDPE @1.00%

Existing Pavement

16'

Section Line

PROPOSED CURB INLET #6–2
STANDARD 3'–0"x3'–0" I.D.
℄ STA. 62+98.11, 17.50' RT.
TOP ELEV. 1252.16
℄ IN (W) 1246.86
℄ OUT (E) 1244.95

END OF SAN. SEWER PIPE,
INSTALL PLUG, FOR FUTURE
℄ STA. 62+78, 28' RT.
℄ ELEV. 1242.89

13.00 L.F. 24" HDPE @1.00%

PROPOSED AREA INLET #6–3
STD. 3'–0"x5'–0" I.D.
℄ STA. 62+98.11, 30.50' RT.
TOP ELEV. 1251.16
WIER OPENING ELEV. 1250.16
℄ IN (S) 1247.73
℄ OUT (E) 1246.99

38.79 L.F. DOUBLE 15" HDPE @1.12%

GREG & ROBBIE R. MARLEY
P.N.# 13602400100102531

EXIST. OVERHEAD ELECTRIC (LACLEDE)

EXIST. GAS LINE

EXIST. R/W 20'

PROPOSED HEADWALL #5–0
℄ STA. 55+33.63, 34.00' LT.
TOP ELEV. 1252.68
℄ OUT 1249.01

PROPOSED EASEMENT

℄ Sta. 63+22.19 Right
Construct Type "A" Drive
W=16.0'

NOTE:
Existing right of way and property lines shown are from Robert S. Shotts, Inc. Survey, File No. 2010–088, Dated 3–4–2011.

HIGH PT STA: 59+02.36
HIGH PT ELEV: 1265.75
PVI STA: 59+65.03
PVI ELEV: 1268.22
K: 34.61
LVC: 290.00

PVT STA: 57+80.01
ELEV.: 1263.82

PVC STA: 58+20.03
ELEV: 1264.77

2.38%

PVT STA: 61+10.01
ELEV.: 1259.52

–6.00%

PVC Sta.: 61+70.03
Elev: 1255.94

LOW PT STA: 63+01.91
LOW PT ELEV: 1251.96
PVI STA: 62+90.03
PVI ELEV: 1248.72
K: 21.98
LVC: 240.00

Proposed ℄ Grade

Existing Ground

FVT Sta.: 64+10.01
Elev.: 1254.62

PROFILE GRADE (P.G.) ELEV.
TOP OF CURB ELEVATION
(Type A) = P.G. + 0.20'

58+00	59+00	60+00	61+00	62+00	63+00	64+00
1264.16 / 1264.30	1264.70 / 1264.89	1265.18 / 1265.35	1265.56 / 1265.64	1265.49 / 1265.75	1265.22 / 1265.68	1264.84 / 1265.42
1264.46 / 1264.99	1263.73 / 1264.37	1262.99 / 1263.58	1262.03 / 1262.60	1260.98 / 1261.44	1259.76 / 1260.11	1258.38 / 1258.62
1256.85 / 1257.12	1255.20 / 1255.63	1253.63 / 1254.33	1252.11 / 1253.31	1250.66 / 1252.58	1250.06 / 1252.13	1249.51 / 1251.96
1249.89 / 1252.09	1250.47 / 1252.49	1251.67 / 1253.18	1253.05 / 1254.15			

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DEPARTMENT OF PUBLIC WORKS
P.O. BOX 111
1401 W. COMMERCIAL
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417–588–6090

DATE:	10/18/10
DWN BY:	R. NEASBY
FINAL CKD BY:	M. MOORE
WTR CKD BY:	
SWR CKD BY:	
ELCT. CKD BY:	
GRID NO:	
DWG. NO:	

TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 58+00 to Sta. 64+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

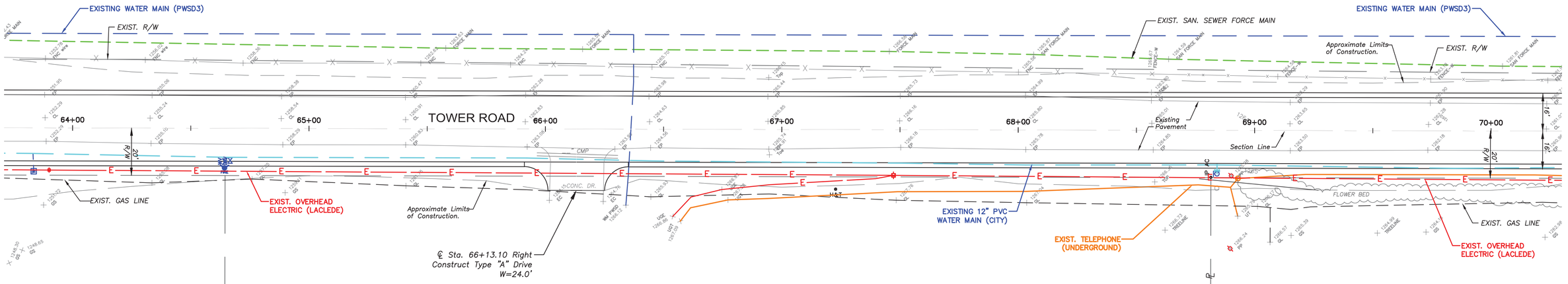
SHEET NO:

PP - 8

NORTH

20' 0 20' 40'
GRAPHIC SCALE – FEET

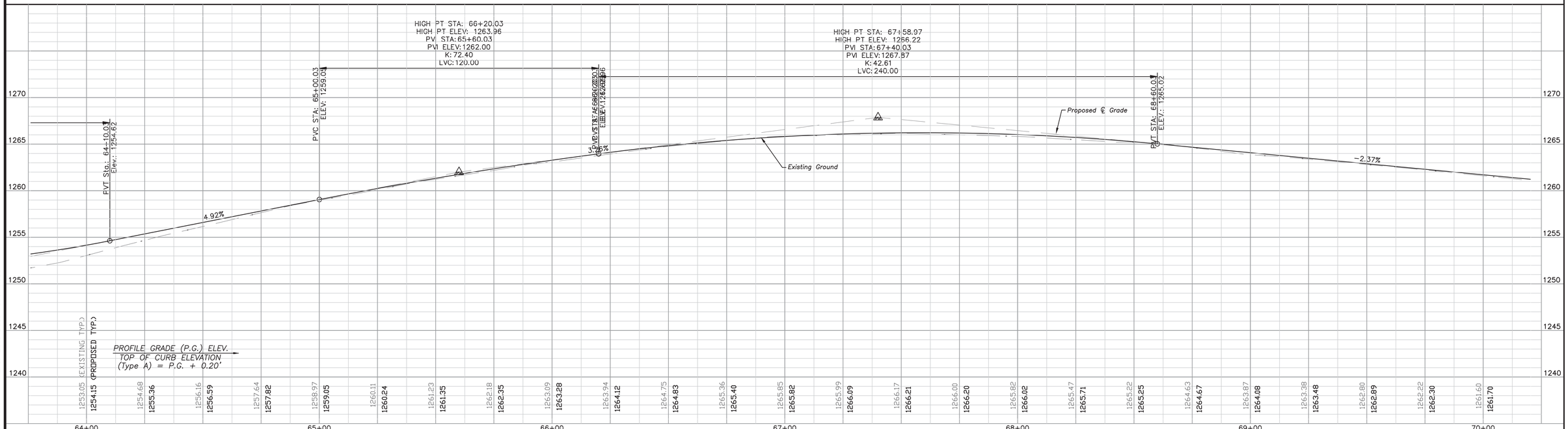
KENNETH & WILLA F. VIELE
22090 FALCON ROAD
LEBANON, MO 65536
P.N.# 12401900200100100



CLYDE AND VIOLA CHAMBERS
(Husband and Wife)
349 PLANEVIEW AVE.
LEBANON, MO 65536
UPN# 85-13-6-24-1-1-25.18

JOHN AND CAROLYN WEHNER
(Husband and Wife)
Route 1, Box 239
LEBANON, MO 65536
UPN# 13-6-24-1-1-25.17

NOTE:
Existing right of way and property lines shown are from Robert S. Shotts, Inc. Survey, File No. 2010-088, Dated 3-4-2011.



(EXISTING TYP.)	(PROPOSED TYP.)
1253.05	1254.15
1254.68	1255.36
1256.16	1256.59
1257.64	1257.82
1258.97	1259.05
1260.11	1260.24
1261.23	1261.35
1262.18	1262.35
1263.09	1263.28
1263.94	1264.12
1264.75	1264.83
1265.36	1265.40
1265.85	1265.82
1265.99	1266.09
1266.17	1266.21
1266.00	1266.20
1265.82	1266.02
1265.47	1265.71
1265.22	1265.25
1264.63	1264.67
1263.87	1264.08
1263.38	1263.48
1262.80	1262.89
1262.22	1262.30
1261.60	1261.70

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WTR CKD BY:	
SWR CKD BY:	
ELCT. CKD BY:	
GRID NO:	
DWG. NO:	

TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 64+00 to Sta. 70+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:
PP - 9

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FINAL CKD BY: M. MOORE
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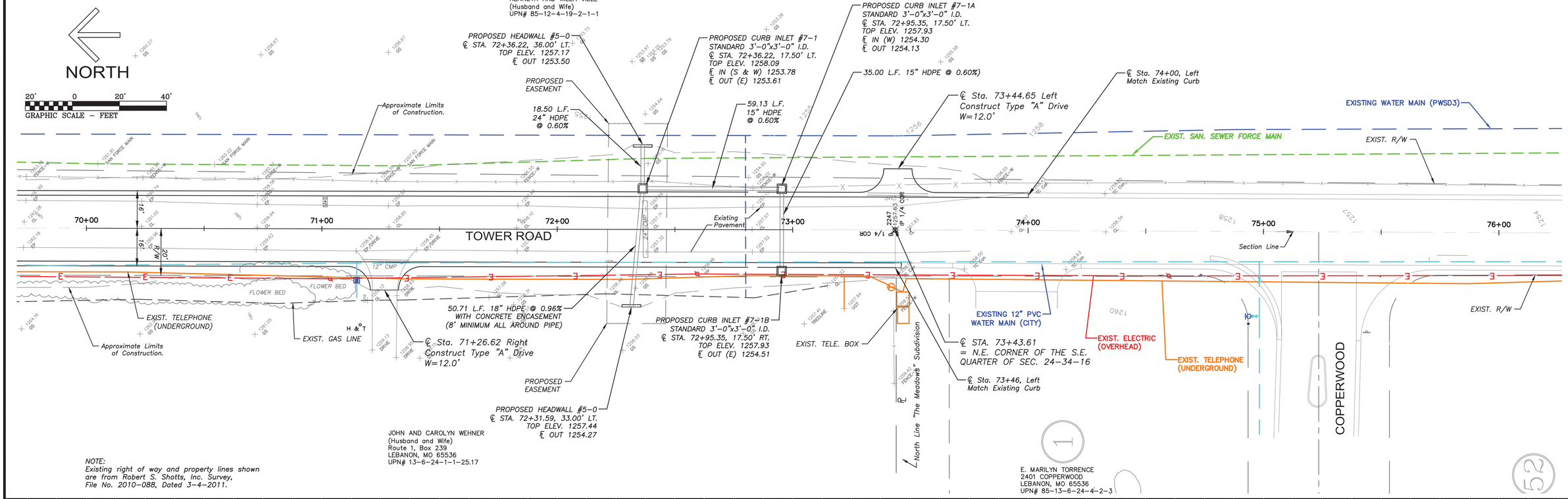
SWR CKD BY:
ELCT. CKD BY:
GRID NO:
DWG. NO:

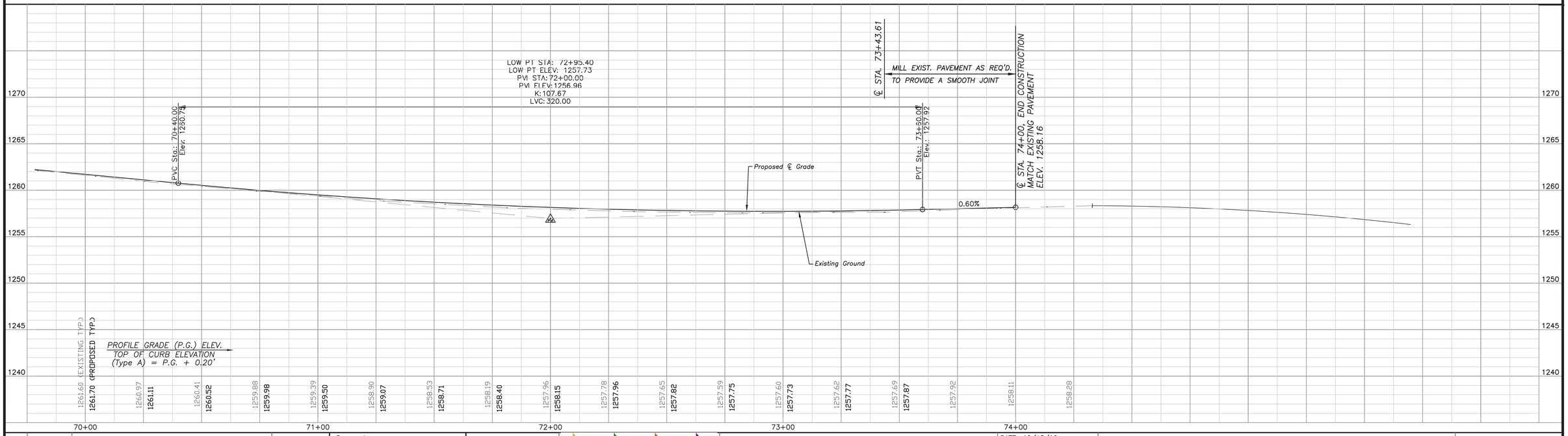
TOWER ROAD
STREET IMPROVEMENTS

PLAN AND PROFILE
FALCON ROAD AND STELLA ROAD

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:
PP - 12





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WTR CKD BY:	
SWR CKD BY:	
ELCT. CKD BY:	
GRID NO:	
DWG. NO:	

TOWER ROAD & FREEMONT ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
(TOWER ROAD: Sta. 70+00 to Sta. 76+00)

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:
PP - 10

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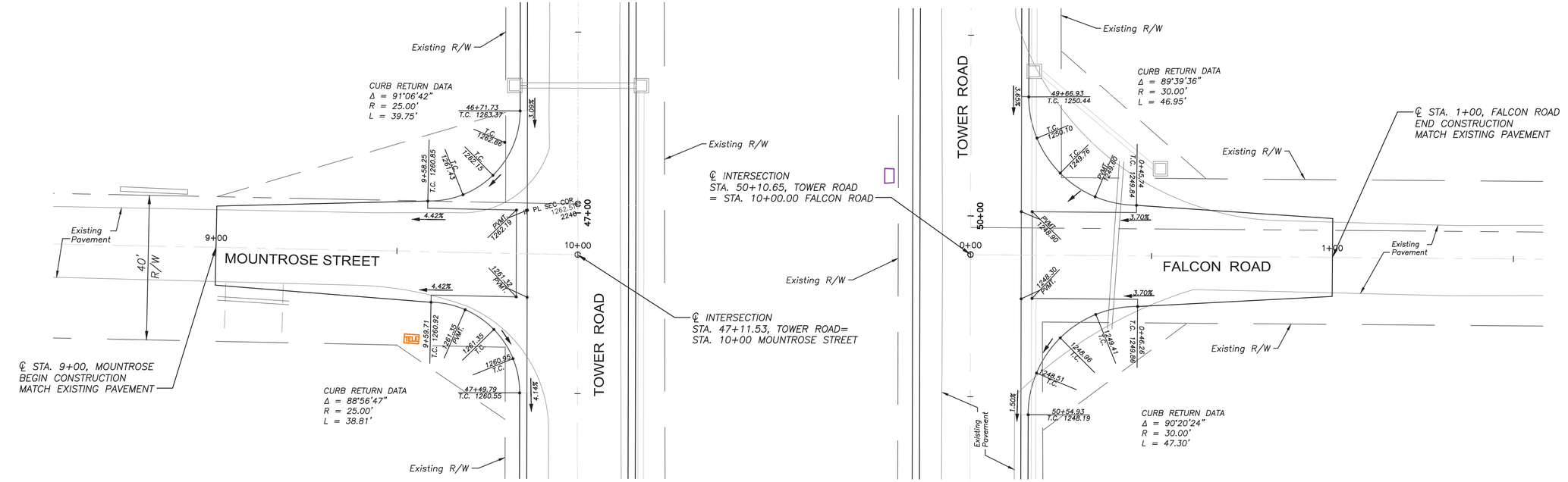
SWR CKD BY:
ELCT. CKD BY:
GRID NO:
DWG. NO:

TOWER ROAD STREET IMPROVEMENTS

PLAN AND PROFILE
MOUNTROSE STREET

SCALE:
HORIZONTAL 1"=20'
VERTICAL 1"=5'

SHEET NO:
PP - 11



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FINAL CKD BY:	M. MOORE
WTR CKD BY:	
SWR CKD BY:	
ELCT. CKD BY:	
GRID NO:	
DWG. NO:	

TOWER ROAD STREET IMPROVEMENTS

INTERSECTION DETAILS

SCALE:
HORIZONTAL 1"=15'
VERTICAL N/A

SHEET NO:

ID - 1