EXIST. MH. 0780
STA. 0+00, LINE 1
CONNECT LINE 1TO EXIST. MH
BEGIN CONST. LINE 1

STA. 3+74.00, LINE 1
INSTALL 8"x4" TEE (RIGHT) WITH 13 L.F.
4" PVC PIPE SDR-35 AND 4" CAP
N.= 1,408.8676
E.= 6,636.1029

STA. 2+31.00, LINE 1
INSTALL 8"x4" TEE (LEFT) WITH 10 L.F. 4"
PVC PIPE SDR-35 AND 4" CAP
N.= 1,295.8750
E.= 6,635.1762

MH. 1-B
STA. 5+30.68, LINE 1
N. 1,565.533
E. 6,638.300

MH. 1-D
STA. 6+50.50, LINE 1
N. 1,678.160
E. 6,655.368

MH. 1-F
STA. 9+16.41, LINE 1
CONNECT SERVICE LINE 1
TO MANHOLE
END CONST. LINE 1
BEGIN SERVICE LINE 1
N. 1,866.938
E. 6,700.061

4" SERVICE LINE NO. 1
SEE SHEET NO. 4

179°1'59"
STEDEM ROAD
(ASPHALT)

135°48'13"

134°48'59"

124°43'43"

93°39'52"

180°00'

STA. 0+70.00, LINE 1
INSTALL 8"x4" TEE (LEFT) WITH 10 L.F. 4"
PVC PIPE SDR-35 AND 4" CAP
N.= 1,104.8758
E.= 6,635.7207

STA. 2+49.00, LINE 1
INSTALL 8"x4" TEE (RIGHT) WITH 15 L.F.
4" PVC PIPE SDR-35 AND 4" CAP
N.= 1,313.8749
E.= 6,635.1249

MH. 1-A
STA. 3+00, LINE 1
N. 1,334.874
E. 6,635.065

STA. 3+88.00, LINE 1
INSTALL 8"x4" TEE (LEFT) WITH 13 L.F. 4"
PVC PIPE SDR-35 AND 4" CAP
N.= 1,422.8662
E.= 6,636.2992

MH. 1-C
STA. 5+55.25, LINE 1
N. 1,582.903
E. 6,655.647

MH. 1-E
STA. 7+86.91, LINE 1
N.1,756.233
E. 6,767.234

STA. 8+13 TO STA. 8+73 LINE 1
INSTALL 60 L.F. OF 18" STEEL
CASING PIPE
WITH 0.250" WALL THICKNESS
SEE DETAIL SHEET NO. 5

4" SERVICE LINE NO. 2
SEE SHEET NO. 4

WEST VEST STREET
(ASPHALT)

STATE HWY 20
(ASPHALT)

NORTH

80 40 0 80
SCALE : 1" = 40'

HORIZONTAL SCALE 1" = 40'
VERTICAL SCALE 1" = 10'

EXIST. MH. 0780 = STA. 0+00
TOP ELEV. = 765.27

SAN MH-1A = STA. 3+00
TOP ELEV. = 765.35
PROP. ELEV. = 764.87

SAN MH-1B = STA. 5+30.68
TOP ELEV. = 765.76
PROP. ELEV. = 765.17

SAN MH-1C = STA. 5+55.25
TOP ELEV. = 765.12

SAN MH-1D = STA. 6+50.50
TOP ELEV. = 766.00

SAN MH-1E = STA. 7+86.91
TOP ELEV. = 769.00

SAN MH-1F = STA. 9+16.41
TOP ELEV. = 776.00

TEE 0+70 L.T.
TEE 2+31 L.T.
TEE 2+49 RT.
TEE 3+74 RT.
TEE 3+88 L.T.

EXISTING STEDEM ROAD

PROPOSED STEDEM ROAD IMPROVEMENTS

24.57 L.F. 8" PVC PIPE SDR-35 @ 1.00%
WITH 24.57 L.F. FULL DEPTH GRANULAR BACKFILL

95.25 L.F. 8" PVC PIPE SDR-35 @ 1.00%

136.41 L.F. 8" PVC PIPE SDR-35 @ 1.00%

129.50 L.F. 8" PVC PIPE SDR-35 @ 1.00%

+8.13 INSTALL 60 L.F. OF 18" STEEL CASING PIPE WITH .250" WALL THICKNESS & CASING SPACERS & END SEALS +8.73

EXIST. 8" E OUT = 753.07 (E)
EXIST. 8" E IN = 753.12 (W)
8" E IN = 753.27 (N)

WATER CROSSING

300 L.F. 8" PVC PIPE SDR-35 @ 0.40%
WITH 300 L.F. FULL DEPTH GRANULAR BACKFILL

8" E OUT = 754.43 (S)
8" E IN = 754.67 (N)

230.68 L.F. 8" PVC PIPE SDR-35 @ 0.40%
WITH 230.68 L.F. FULL DEPTH GRANULAR BACKFILL

8" E OUT = 755.59 (S)
8" E IN = 755.79 (NE)

WATER CROSSING
8" E OUT = 756.04 (SW)
8" E IN = 756.24 (N)

WATER CROSSING

UNDERGROUND TELPHONE

GAS CROSSING

UNDERGROUND POWER

8" E OUT = 757.19 (S)
8" E IN = 757.39 (NE)

UNDERGROUND POWER

8" E OUT = 758.74 (SW)
8" E IN = 758.95 (NW)

8" E OUT = 760.24 (SE)
8" E IN = 766.44 (N)
SERVICE CONNECTION LINE NO. 1

+51.82 +81.61 +00 +41.60 +55.25 +63.14 +84.20 +96.55 +46.95 +30.68 +48.07 +50.50 +56.48 +85.92 +16.41

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00

780 770 760 750 740

| | | | | | |
|---|---|---|---|---|---|
| 5 | | | | | |
| 4 | | | | | |
| 3 | | | | RAY | MMH |
| 2 | 9-29-09 | REVISED PROFILE NOTES | | ELM | MMH |
| 1 | 8-19-09 | ADDED TEES | | BY | APP'D |
| NO. | DATE | REVISIONS | | | |

Designed By: RCW
Drawn By: RCW
Checked By: MMH
Issue Date: 7-17-09

MICHAEL MELVIN HALL NUMBER E-30134 REGISTERED PROFESSIONAL ENGINEER STATE OF MISSOURI
MICHAEL MELVIN HALL 9-29-09

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MARSHALL MoDOT MAINTENANCE FACILITY
MARSHALL, MISSOURI

SANITARY SEWER LINE NO. 1
PLAN & PROFILE

800160-020

SHEET NO. 3 OF 6

P:\800160-020_ACAD\CIVIL\800160-020-PLAN & PROFILE.DWG
LAYOUT: LAYOUT1 BY: RWILLIAMS DATE: 9/29/2009
XREF DWG1: NONE XREF DWG2: NONE
XREF DWG3: NONE XREF DWG4: NONE