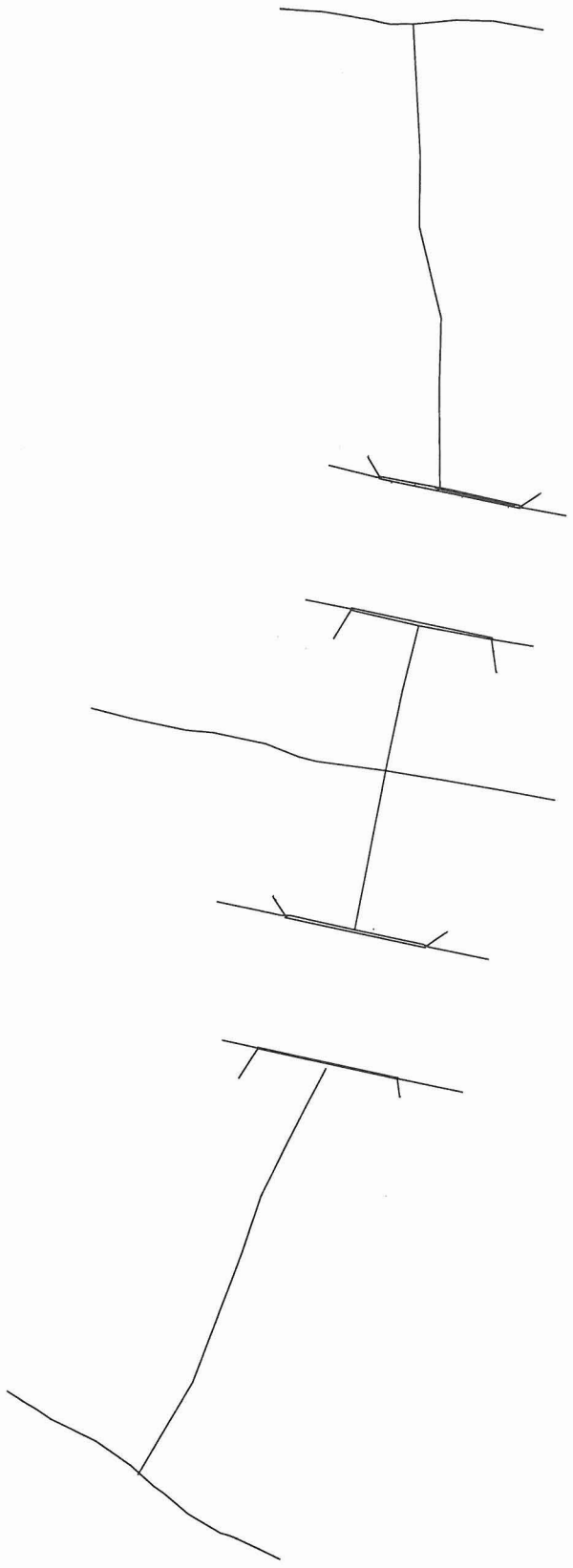
Flood Control District of Maricopa County

PALO VERDE ADMP

Mapping Survey Report 2008

Book 2 of 3

WILSON &COMPANY
ENGINEERS & ARCHITECTS



W&C

1

Sta. 4591+63.00 to
4592+28.83

Structure #1
Station 4591+63.00 to 4592+28.83

(North of I-10)
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(Middle of I-10)
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(South of I-10)
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10602,917929.3190,352466.7340,1300.8690,TOP OF OPENING
10603,917927.2150,352477.2160,1300.8750,TOP OF OPENING
10604,917924.8670,352487.8980,1300.8850,TOP OF OPENING
10605,917922.6340,352498.5770,1300.9200,TOP OF OPENING
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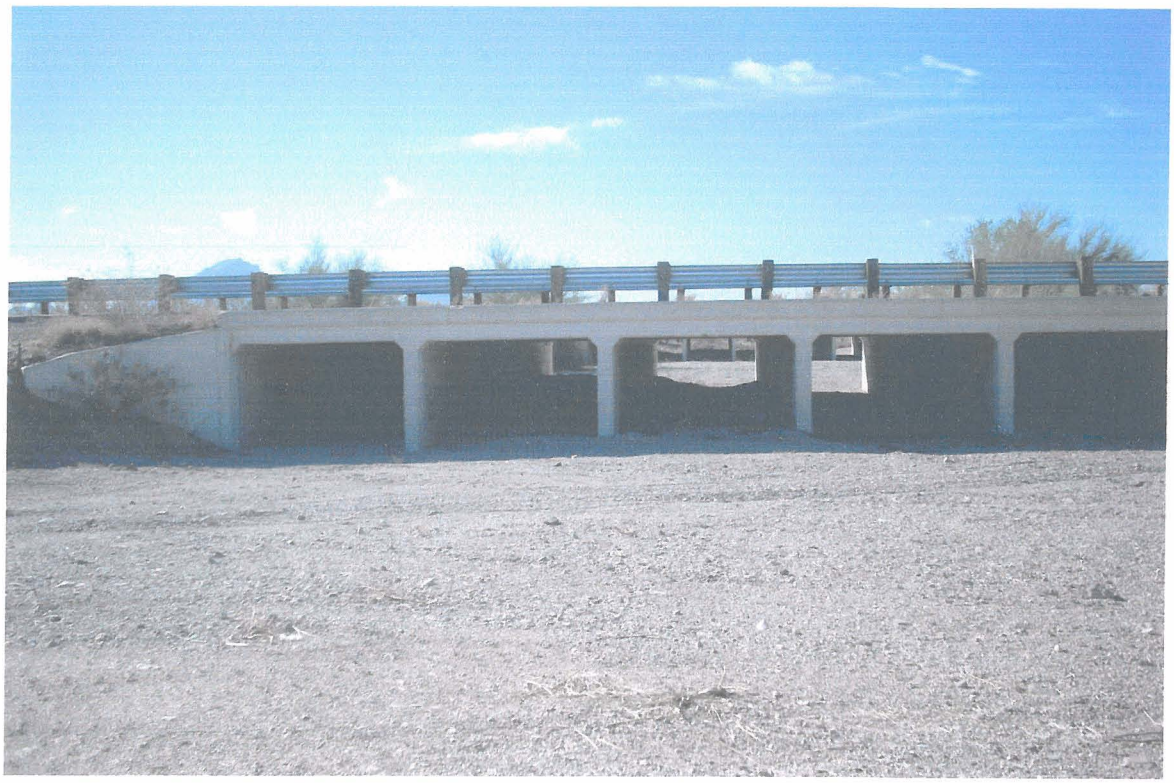
#1 WB NS @ 200'



#1 WB NS CLOSE

#1 WB NS MEDIAN

#1 EB SS MEDIAN

COMP.

CK.

DATE 10-30-2007

WILSON & COMPANY

LOC. I-10 FILE

PROJ. PALO VERDE I MP. SHEET

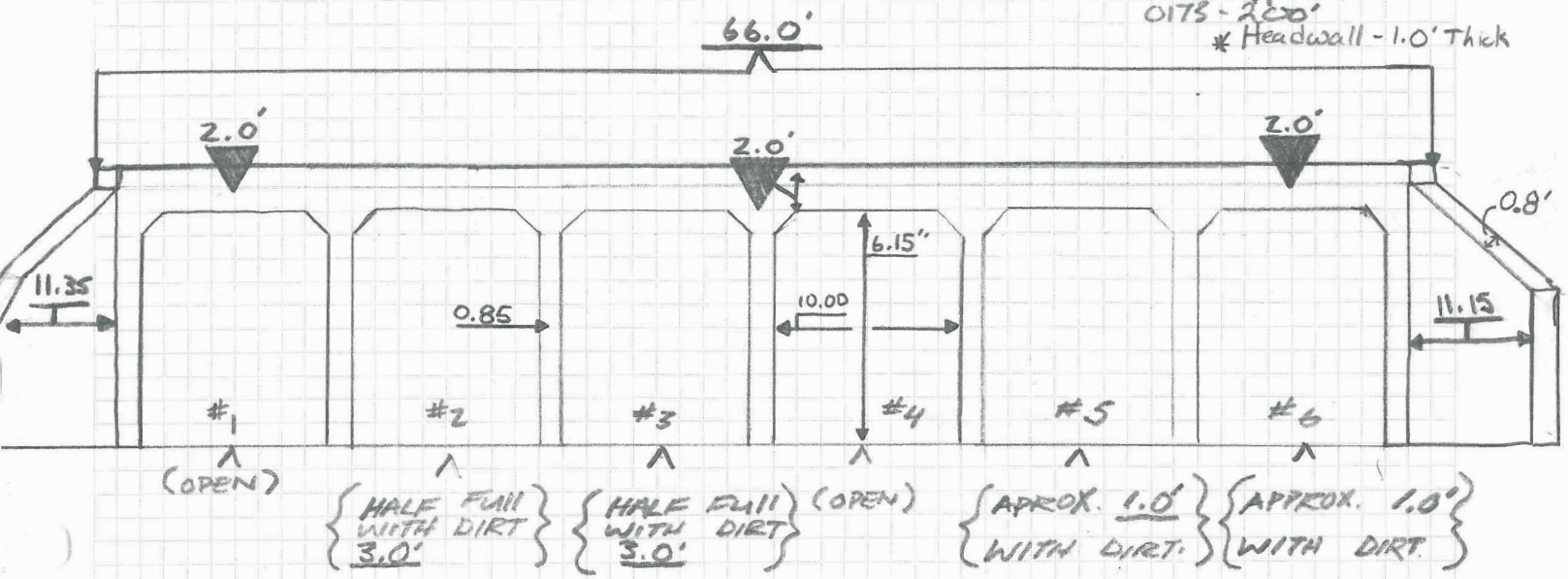
SUBJ. STRUCTURE #57 OF

STRUCTURE # 1 WEST BOUND NORTH SIDE

PT. RANGE - 10670 - 10713

0170 0171 0172 0173
PICS - 5, 6, 7, 8

0170 - East Side Clvt looking South
0171 - East Side CIVt looking South
0172 - Approx 100'
0173 - 200'
* Headwall - 1.0' Thick



NOTE: ALL OPENING'S ARE SAME DIAMETER

COLUMN'S ARE ALL THE SAME DIAMETER

PRINTED ON RECYCLED PAPER

COMP.

CK.

DATE 11/1/2007

WILSON & COMPANY

LOC. I-10/Tonopah, AZ FILE

PROJ. 073000S200 SHEET

SUBJ. Structure #67 OF

Structure #1 ← WEST BOUND
SOUTH SIDE MEDIAN

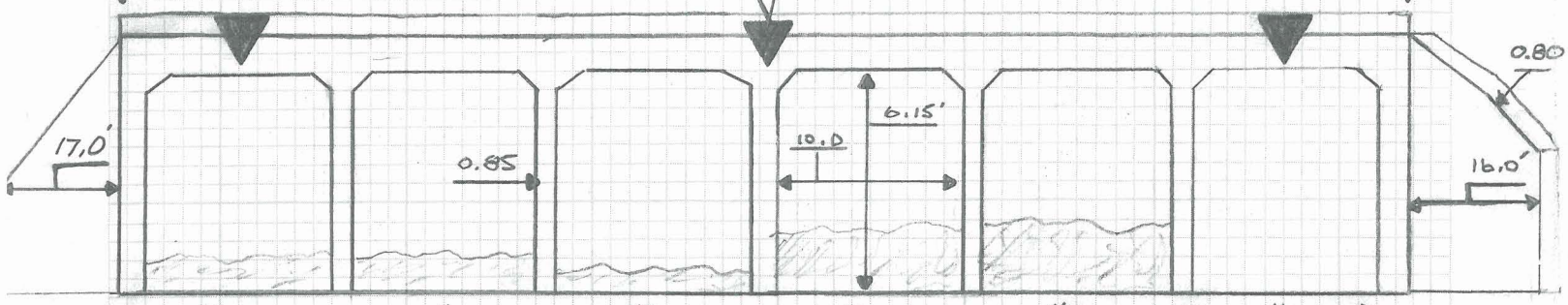
PT. RANGE - 10919 - 10975
PICS #200 N/S
33

TOP OF HEADWALL
66.0'

*Headwall - 1.0' Thick

N

(2.0' FROM TOP OF OPENING TO THE TOP OF HEADWALL)



{#1 APPROX. 1.0' WITH DIRT} {#2 APPROX 1.0 WITH DIRT} {#3 APPROX 0.50' WITH DIRT} {#4 APPROX 3.0' WITH DIRT} {#5 APPROX 3.0' WITH DIRT} {#6 OPENED FLOW}

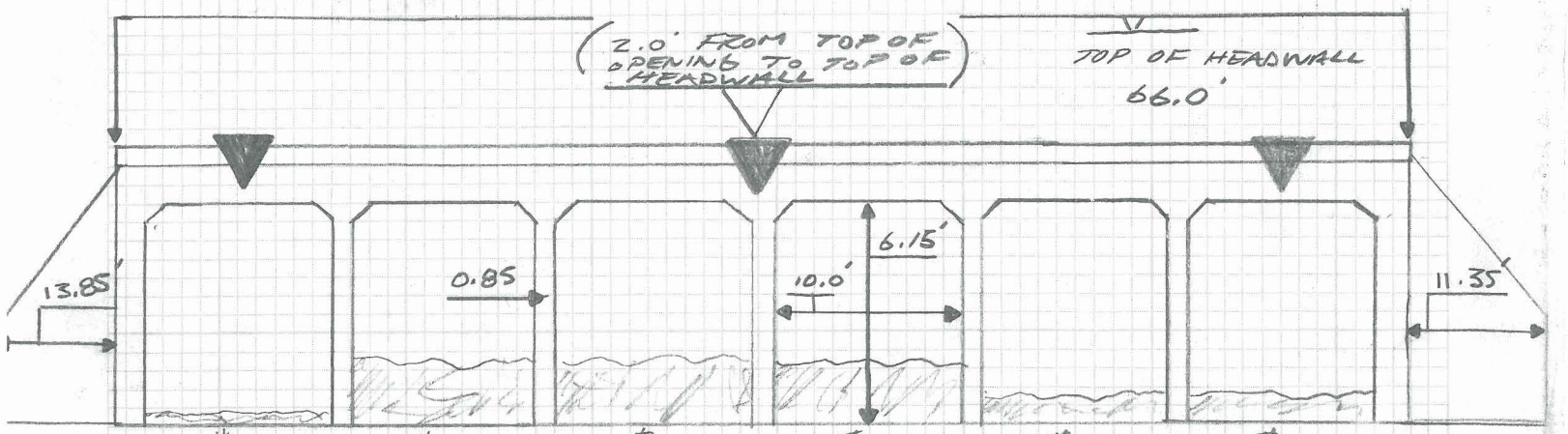
NOTE: (OPENINGS ARE SAME DIAMETER) (COLUMN'S ARE SAME DIAMETER)

STRUCTURE #67 (EAST BOUND NORTH SIDE)

PIC #201 S/S
34

(2.0' FROM TOP OF OPENING TO TOP OF HEADWALL)

TOP OF HEADWALL
66.0'



{#1 0.30' OF DIRT} {#2 3.0' OF DIRT} {#3 3.0' OF DIRT} {#4 3.0' OF DIRT} {#5 0.50' OF DIRT} {#6 0.50' OF DIRT}

NOTE: (OPENINGS ARE THE SAME) (COLUMN'S ARE THE SAME)

ARIZONA HIGHWAY DEPT.
1301.42

CAP ON HEADWALL

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE | SUBJ. | OF

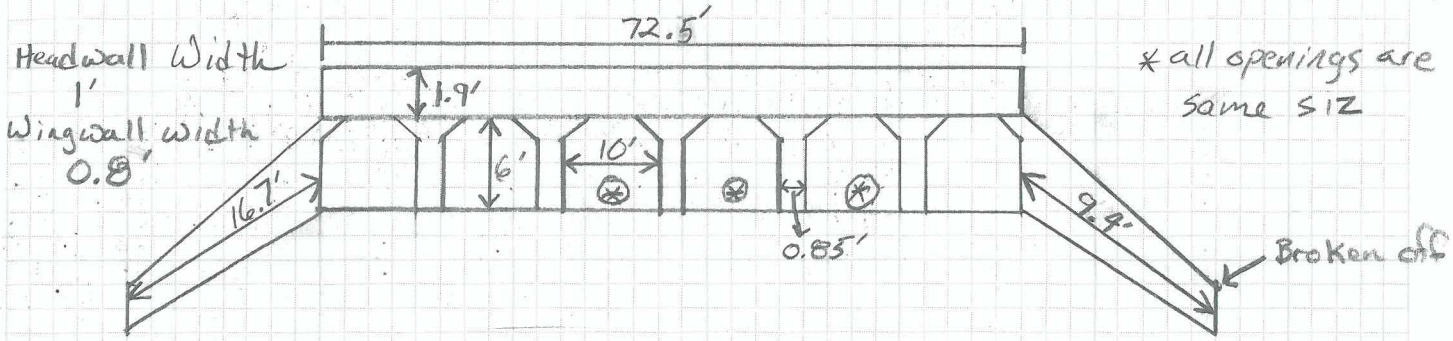
10/23/2007

Structure #1
East Bound
South Side

Rod Height - 6.562
10607 - 13.662
10608 - 6.562

Pt Range 10590 - 10627
1059

Pics - 102307147 - Close up
102307148 200'



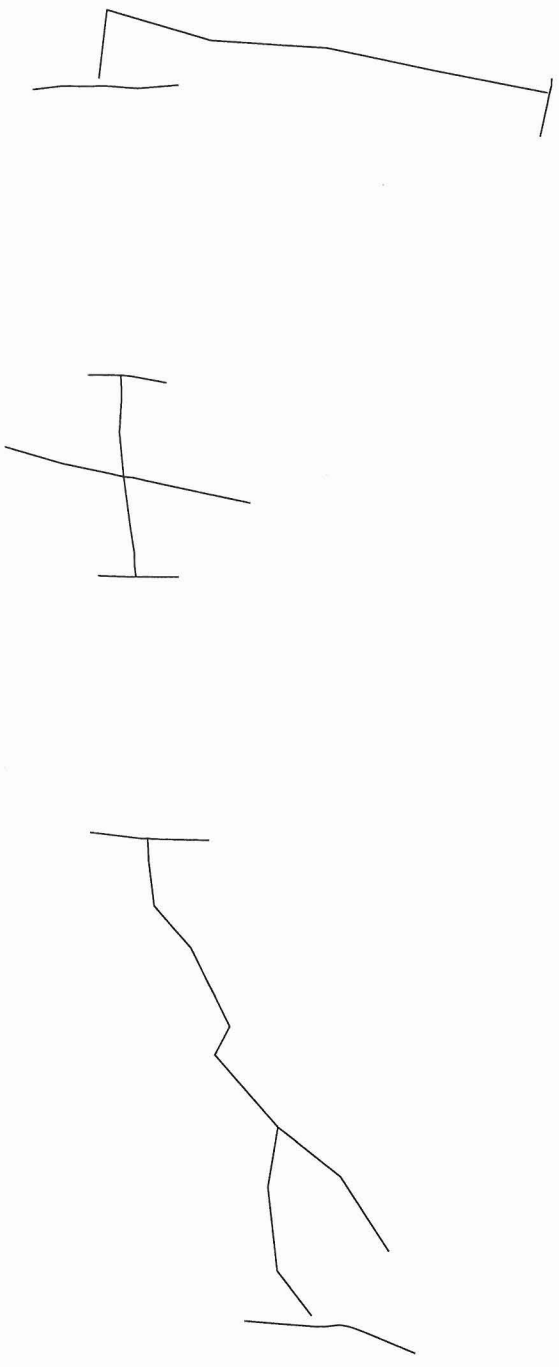
Headwall Width
1'
Wingwall width
0.8'

* all openings are same siz

(*) = filled with about 2.5' of Dirt in Middle

10667 13.662

PRINTED ON RECYCLED PAPER



2

Sta. 4599+10.00

Structure #2
Station 4599+10.00

(North of I-10)
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10652,918078.9790,353169.6760,1301.7760,TOP OF OPENING
10653,918078.1020,353165.6770,1302.0670,BREAKLINE
10654,918078.2330,353153.0810,1301.7320,BREAKLINE
10655,918076.7810,353140.6620,1302.3220,BREAKLINE
10656,918079.1280,353169.6840,1298.6560,RCP
10657,918084.1370,353169.0390,1298.7670,FL ES
10658,918081.6220,353169.4000,1298.6600,FL DITCH
10659,918111.3830,353172.8420,1299.7730,FL DITCH
10660,918098.0510,353217.9070,1300.3880,FL DITCH
10661,918094.8430,353267.6310,1301.7560,FL DITCH
10662,918084.9310,353314.6830,1303.3860,FL DITCH
10663,918075.2270,353363.5900,1304.8340,FL DITCH
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10665,918070.2480,353363.5730,1306.2630,BREAKLINE
10666,918074.4120,353364.3580,1304.9990,BREAKLINE
10667,918075.5310,353364.6230,1305.0190,BREAKLINE
10668,918078.2230,353365.3190,1305.7970,BREAKLINE
10669,918081.4050,353365.4580,1305.8990,BREAKLINE

(Middle of I-10)
10976,917949.5510,353199.0280,1301.0000,BREAKLINE
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10981,917952.8360,353177.7900,1300.4270,BREAKLINE
10982,917952.9730,353165.1380,1300.2590,BREAKLINE
10983,917953.0020,353179.5030,1300.7050,TOP OF OPENING
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10986,917928.2070,353178.8910,1297.3010,FL DITCH
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10995,917921.9790,353129.0160,1297.9190,BREAKLINE
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10998,917870.5740,353185.6370,1296.8650,FL DITCH
10999,917866.1600,353169.6640,1299.7670,BREAKLINE
11000,917865.6280,353184.2160,1299.6660,BREAKLINE
11001,917865.7310,353186.2230,1296.9420,BREAKLINE
11002,917865.6760,353187.5000,1299.8160,BREAKLINE
11003,917865.6490,353204.6310,1300.1980,BREAKLINE
11004,917865.6370,353186.1820,1300.0550,TOP OF OPENING

(South of I-10)
10714,917751.6700,353217.9660,1299.1990,BREAKLINE
10715,917752.2750,353192.8440,1298.6150,BREAKLINE
10716,917752.5620,353191.3600,1295.7810,BREAKLINE
10717,917753.0590,353191.3060,1298.9650,TOP OF OPENING

10718,917752.3260,353189.6180,1298.6840,BREAKLINE
10719,917755.1600,353166.4960,1297.9200,BREAKLINE
10720,917747.8790,353191.7040,1295.3480,FL ES
10721,917747.6600,353191.6560,1295.1480,FL DITCH
10722,917742.8840,353191.8420,1295.3190,FL DITCH
10723,917723.4720,353194.1380,1294.7020,FL DITCH
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10727,917627.8960,353247.6740,1293.3360,FL DITCH
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10730,917602.1460,353243.3450,1292.9540,FL DITCH
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10739,917542.4960,353274.2410,1292.7230,BREAKLINE
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10743,917539.2560,353285.5110,1293.0200,BREAKLINE
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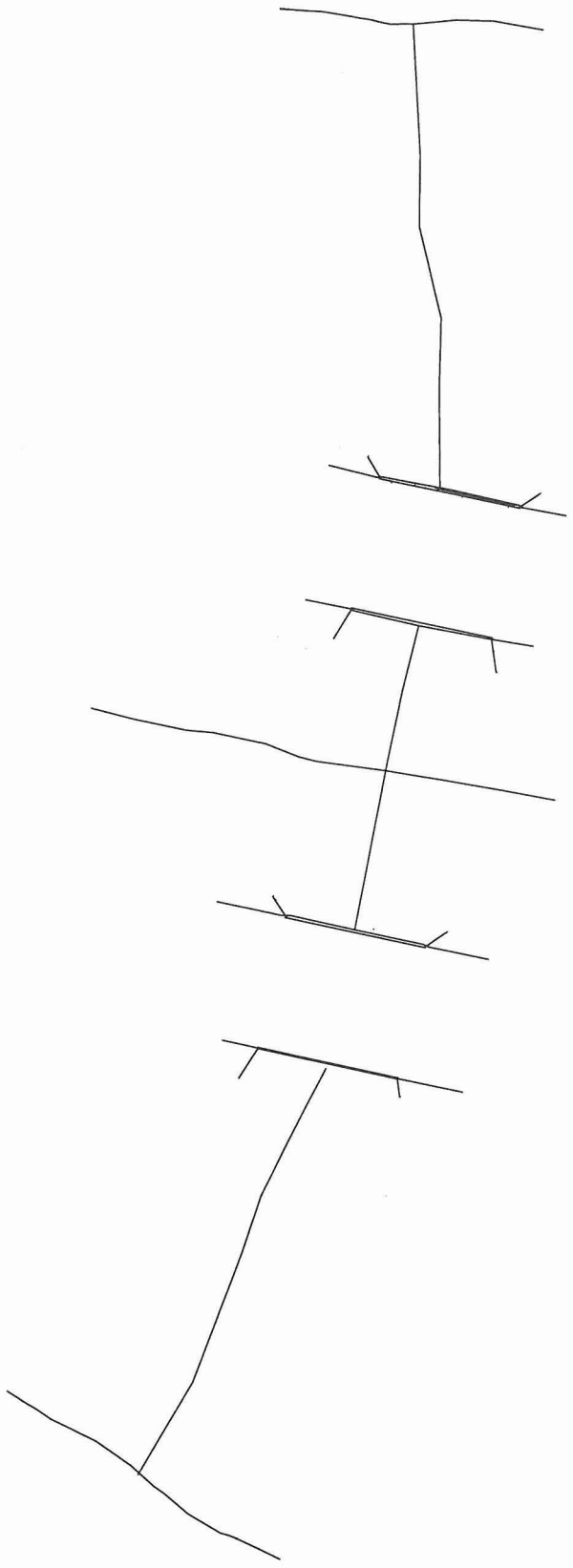
#2 WB NS @ 200'

#2 WB NS CLOSE

#2 EB SS MEDIAN

#2 WB NS MEDIAN



W&C

1

Sta. 4591+63.00 to
4592+28.83

Structure #1
Station 4591+63.00 to 4592+28.83

(North of I-10)
10670,918173.6830,352590.6320,1304.7520,BREAKLINE
10671,918177.4090,352570.4990,1304.9110,BREAKLINE
10672,918183.6830,352578.6770,1303.0790,WINGWALL
10673,918182.3780,352576.7250,1303.6460,WINGWALL
10674,918177.8650,352569.9000,1304.7050,WINGWALL
10675,918177.4830,352569.2860,1304.7310,WINGWALL
10676,918177.0730,352569.8700,1305.5860,HEADWALL
10677,918184.0730,352537.0150,1305.7210,HEADWALL
10678,918190.6500,352505.5780,1305.7470,HEADWALL
10679,918200.6580,352500.4980,1303.1060,WINGWALL
10680,918191.3190,352506.0030,1304.7900,WINGWALL
10681,918190.9590,352506.2720,1304.8040,WINGWALL
10682,918190.7140,352506.2130,1304.8670,WINGWALL
10683,918177.4510,352564.1220,1303.9760,TOP OF OPENING
10684,918180.7770,352553.7110,1303.9840,TOP OF OPENING
10685,918181.8700,352543.1290,1303.9540,TOP OF OPENING
10686,918185.2900,352532.4000,1304.0140,TOP OF OPENING
10687,918187.4830,352521.7140,1303.9780,TOP OF OPENING
10688,918188.5590,352511.1200,1303.9910,TOP OF OPENING
10689,918178.4620,352569.2030,1298.0000,BREAKLINE
10690,918185.4660,352538.3470,1298.3850,BREAKLINE
10691,918191.4560,352506.8060,1297.9320,BREAKLINE
10692,918186.3570,352533.3290,1297.7220,FL DITCH
10693,918232.0140,352532.8870,1298.4030,FL DITCH
10694,918263.3950,352533.6070,1298.3070,FL DITCH
10695,918304.9880,352523.5950,1298.7520,FL DITCH
10696,918337.6940,352523.8450,1298.8050,FL DITCH
10697,918403.9580,352459.8400,1302.2740,BREAKLINE
10698,918402.6870,352478.9160,1302.1850,BREAKLINE
10699,918400.5150,352492.3460,1302.9160,BREAKLINE
10700,918399.7400,352496.4290,1301.7610,BREAKLINE
10701,918399.1530,352500.8520,1301.3300,BREAKLINE
10702,918397.9360,352505.5300,1299.1000,BREAKLINE
10703,918396.9880,352510.5250,1298.7740,BREAKLINE
10704,918397.1860,352515.3440,1299.8500,BREAKLINE
10705,918397.1100,352520.3620,1299.7750,BREAKLINE
10706,918397.6280,352526.6350,1300.0640,BREAKLINE
10707,918398.8320,352539.7320,1301.7870,BREAKLINE
10708,918398.3640,352556.9550,1301.8290,BREAKLINE
10709,918394.3400,352579.4410,1301.5360,BREAKLINE
10710,918178.2910,352567.1710,1297.7960,CONCRETE
10711,918186.3190,352531.2040,1297.6920,CONCRETE
10712,918191.1130,352505.1590,1304.9630,BREAKLINE
10713,918196.6420,352482.8150,1304.7590,BREAKLINE

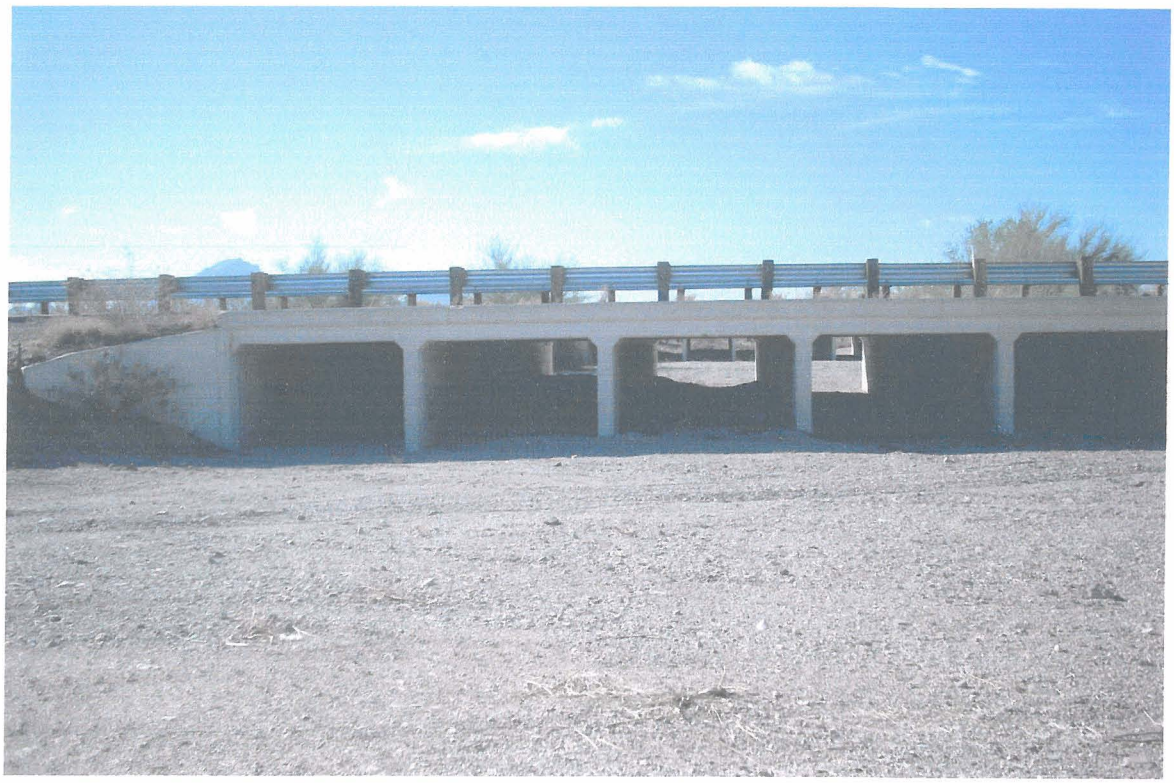
(Middle of I-10)
10919,918118.0020,352485.1960,1301.0990,WINGWALL
10920,918131.3620,352493.3740,1304.2420,WINGWALL
10921,918131.7340,352493.6360,1304.2300,WINGWALL
10922,918132.0710,352493.1740,1305.1730,HEADWALL
10923,918125.1560,352525.4350,1305.1790,HEADWALL
10924,918118.3860,352557.3340,1305.0570,HEADWALL
10925,918118.2150,352556.8460,1304.0930,WINGWALL
10926,918117.8050,352556.9350,1304.1180,WINGWALL
10927,918112.1130,352557.6790,1303.1440,WINGWALL
10928,918102.5620,352559.0430,1301.0000,WINGWALL
10929,918119.3030,352551.8400,1303.1350,TOP OF OPENING
10930,918121.5870,352541.2680,1303.1180,TOP OF OPENING
10931,918123.8910,352530.6190,1303.1650,TOP OF OPENING
10932,918126.1770,352519.9190,1303.2540,TOP OF OPENING

10933,918128.4230,352509.2870,1303.3260,TOP OF OPENING
10934,918130.7620,352498.6570,1303.2470,TOP OF OPENING
10935,918135.7350,352472.4110,1303.9430,BREAKLINE
10936,918131.7360,352492.5420,1304.0740,BREAKLINE
10937,918130.7720,352494.3590,1297.7850,BREAKLINE
10938,918123.9510,352523.9050,1297.2900,BREAKLINE
10939,918117.9240,352555.7070,1297.2390,BREAKLINE
10940,918117.5370,352558.0210,1304.0130,BREAKLINE
10941,918114.5950,352575.7870,1304.1390,BREAKLINE
10942,918044.8880,352585.6740,1299.4460,BREAKLINE
10943,918049.3720,352561.6730,1299.0980,BREAKLINE
10944,918052.9810,352541.0760,1296.6430,BREAKLINE
10945,918054.2800,352533.6640,1296.5410,BREAKLINE
10946,918055.4400,352526.4430,1297.1780,BREAKLINE
10947,918094.9160,352516.6910,1297.2710,FL DITCH
10948,918058.3380,352509.0730,1296.8290,FL DITCH
10949,918062.5480,352477.6500,1297.0050,BREAKLINE
10950,918064.6270,352469.4670,1300.2140,BREAKLINE
10951,918070.5110,352454.5470,1299.9810,BREAKLINE
10952,918075.5980,352431.0750,1303.0120,BREAKLINE
10953,918076.6780,352419.0080,1303.0970,BREAKLINE
10954,918081.6350,352395.1470,1299.0750,BREAKLINE
10955,918086.7310,352375.2310,1299.0710,BREAKLINE
10956,917999.1390,352432.6260,1302.8540,BREAKLINE
10957,917992.9250,352461.5210,1302.7680,BREAKLINE
10958,917992.8880,352465.6360,1295.8500,BREAKLINE
10959,918014.0450,352500.4740,1296.8580,FL DITCH
10960,917986.3690,352495.0580,1296.1690,FL DITCH
10961,917979.8070,352525.9390,1295.8650,BREAKLINE
10962,917978.5210,352528.7270,1302.7730,BREAKLINE
10963,917972.8580,352555.8650,1302.9560,BREAKLINE
10964,917985.1380,352536.6550,1301.1860,WINGWALL
10965,917984.5850,352535.6820,1301.3940,WINGWALL
10966,917978.8420,352527.4300,1302.7010,WINGWALL
10967,917978.5220,352526.9950,1302.6600,WINGWALL
10968,917978.2130,352527.3940,1303.6270,HEADWALL
10969,917985.0320,352495.4380,1303.6050,HEADWALL
10970,917984.6620,352495.6330,1303.6580,HCP
10971,917991.9400,352463.3060,1303.7160,HEADWALL
10972,917992.0790,352463.8570,1302.6780,WINGWALL
10973,917992.2490,352463.8760,1302.6640,WINGWALL
10974,917999.6540,352458.9450,1301.5680,WINGWALL
10975,918001.4810,352457.8000,1300.9980,WINGWALL

(South of I-10)
10591,917936.4920,352435.1230,1301.5690,BREAKLINE
10592,917934.2750,352445.0540,1301.7390,BREAKLINE
10593,917932.9310,352450.8420,1301.8690,BREAKLINE
10594,917919.1730,352442.4600,1298.8210,WINGWALL
10595,917932.8940,352451.1890,1301.8840,WINGWALL
10596,917933.2630,352450.7400,1302.8020,HEADWALL
10597,917932.6350,352451.3080,1295.8690,BREAKLINE
10598,917919.3620,352514.8110,1302.9310,HEADWALL
10599,917919.1940,352514.4210,1301.9650,WINGWALL
10600,917910.6400,352515.4910,1300.3700,WINGWALL
10601,917931.7630,352456.2120,1300.8220,TOP OF OPENING
10602,917929.3190,352466.7340,1300.8690,TOP OF OPENING
10603,917927.2150,352477.2160,1300.8750,TOP OF OPENING
10604,917924.8670,352487.8980,1300.8850,TOP OF OPENING
10605,917922.6340,352498.5770,1300.9200,TOP OF OPENING
10606,917920.2390,352509.2960,1300.9920,TOP OF OPENING
10607,917919.0570,352513.8040,1295.7670,BREAKLINE
10608,917918.9340,352515.2390,1301.9370,BREAKLINE
10609,917912.8470,352544.0140,1302.0250,BREAKLINE
10610,917923.7360,352482.0570,1294.8100,FL DITCH
10611,917896.1530,352467.4390,1295.5460,FL DITCH

10612,917865.8840,352452.3770,1294.4290,FL DITCH
10613,917840.8970,352444.1610,1293.6120,FL DITCH
10614,917781.6690,352421.9610,1293.4370,FL DITCH
10615,917739.9300,352396.7570,1293.1010,FL DITCH
10616,917777.8670,352337.7990,1296.4030,BREAKLINE
10617,917770.0500,352350.4940,1296.0780,BREAKLINE
10618,917765.1230,352357.7400,1295.0510,BREAKLINE
10619,917755.0750,352377.7640,1295.5600,BREAKLINE
10620,917744.2110,352393.4540,1293.5190,BREAKLINE
10621,917734.7070,352404.1370,1293.5960,BREAKLINE
10622,917731.3440,352409.0340,1296.3150,BREAKLINE
10623,917722.3040,352419.7130,1296.2850,BREAKLINE
10624,917713.4820,352434.1890,1294.8690,BREAKLINE
10625,917712.4360,352437.7330,1295.1500,BREAKLINE
10626,917710.8740,352441.6020,1295.9810,BREAKLINE
10627,917701.8480,352460.9270,1296.1140,BREAKLINE

#1 WB NS @ 200'



#1 WB NS CLOSE

#1 WB NS MEDIAN

#1 EB SS MEDIAN

COMP.

CK.

DATE 10-30-2007

WILSON & COMPANY

LOC. I-10 FILE

PROJ. PALO VERDE I MP. SHEET

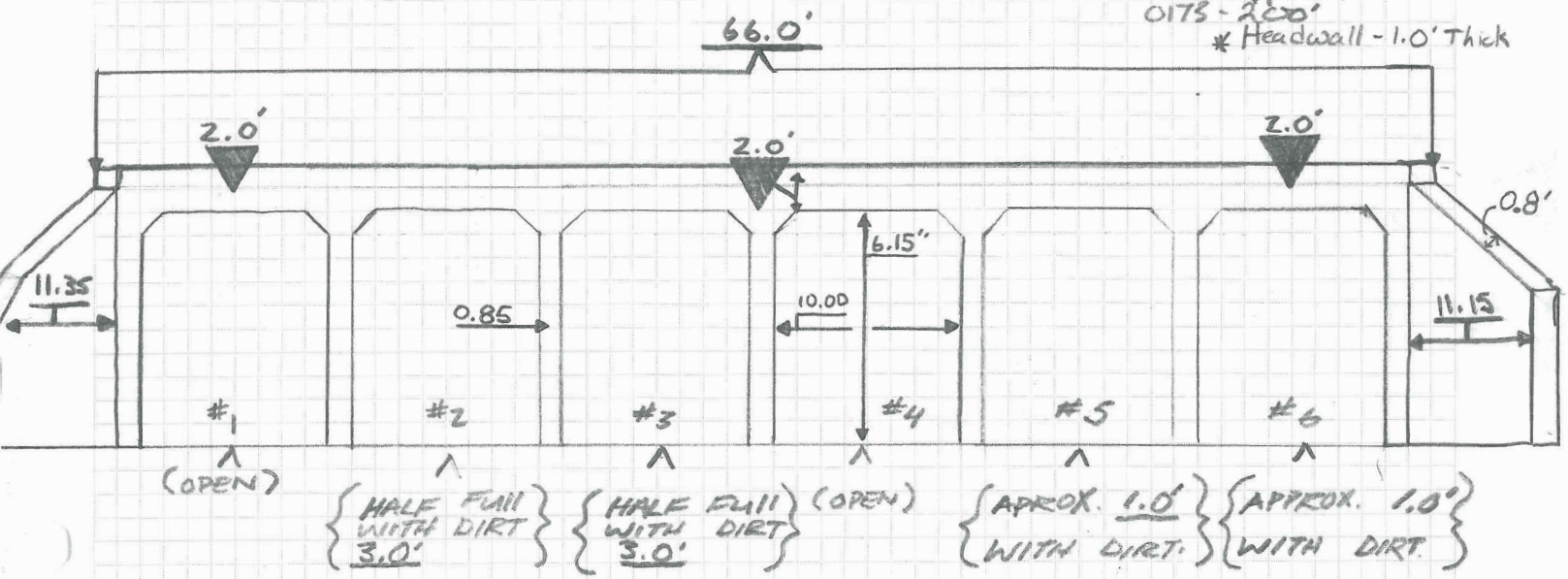
SUBJ. STRUCTURE #57 OF

STRUCTURE # 1 WEST BOUND NORTH SIDE

PT. RANGE - 10670 - 10713

0170 0171 0172 0173
PICS - 5, 6, 7, 8

0170 - East Side Clvt looking South
0171 - East Side CIVt looking South
0172 - Approx 100'
0173 - 200'
* Headwall - 1.0' Thick



NOTE: ALL OPENING'S ARE SAME DIAMETER

COLUMN'S ARE ALL THE SAME DIAMETER

PRINTED ON RECYCLED PAPER

COMP.

CK.

DATE 11/1/2007

WILSON & COMPANY

LOC. I-10/Tonopah, AZ FILE

PROJ. 073000S200 SHEET

SUBJ. Structure #67 OF

Structure #1 ← WEST BOUND
SOUTH SIDE MEDIAN

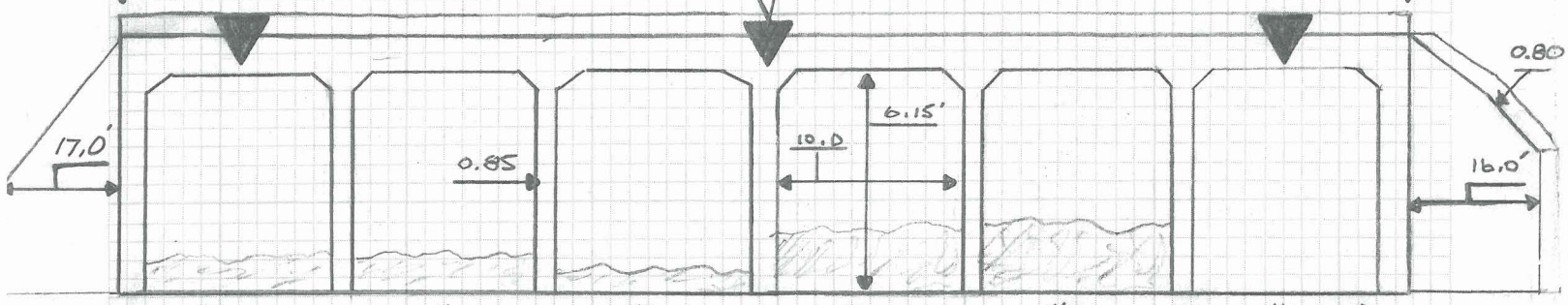
PT. RANGE - 10919 - 10975
PICS #200 N/S
33

TOP OF HEADWALL
66.0'

*Headwall - 1.0' Thick

N

(2.0' FROM TOP OF OPENING TO THE TOP OF HEADWALL)



{#1 APPROX. 1.0' WITH DIRT} {#2 APPROX 1.0 WITH DIRT} {#3 APPROX 0.50' WITH DIRT} {#4 APPROX 3.0' WITH DIRT} {#5 APPROX 3.0' WITH DIRT} {#6 OPENED FLOW}

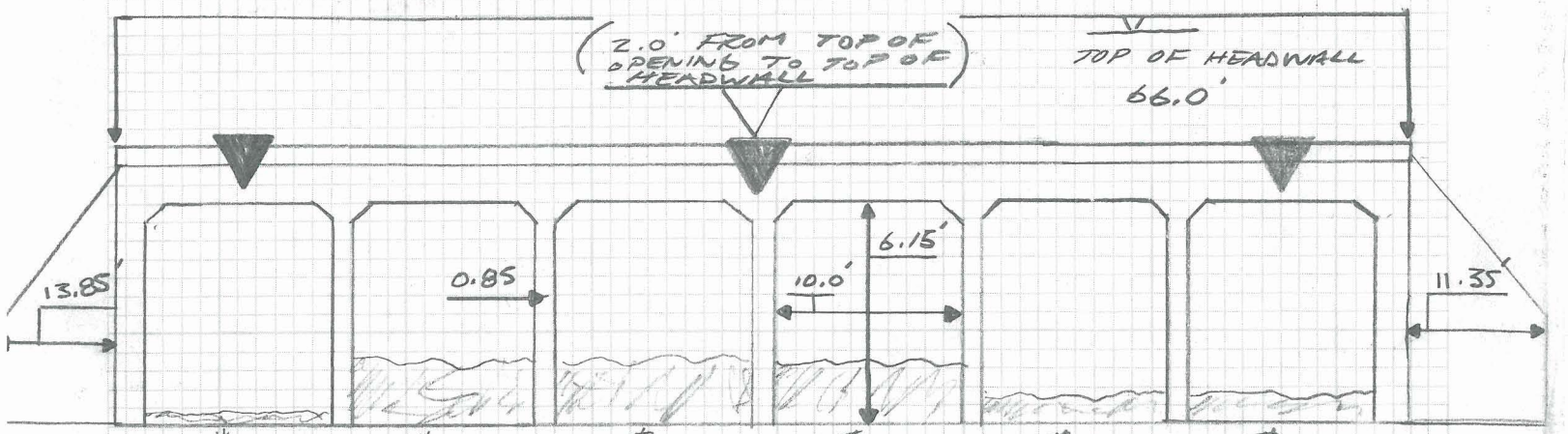
NOTE: (OPENINGS ARE SAME DIAMETER) (COLUMN'S ARE SAME DIAMETER)

STRUCTURE #67 (EAST BOUND NORTH SIDE)

PIC #201 S/S
34

(2.0' FROM TOP OF OPENING TO TOP OF HEADWALL)

TOP OF HEADWALL
66.0'



{#1 0.30' OF DIRT} {#2 3.0' OF DIRT} {#3 3.0' OF DIRT} {#4 3.0' OF DIRT} {#5 0.50' OF DIRT} {#6 0.50' OF DIRT}

NOTE: (OPENINGS ARE THE SAME) (COLUMN'S ARE THE SAME)

ARIZONA HIGHWAY DEPT.
1301.42

CAP ON HEADWALL

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE | SUBJ. | OF

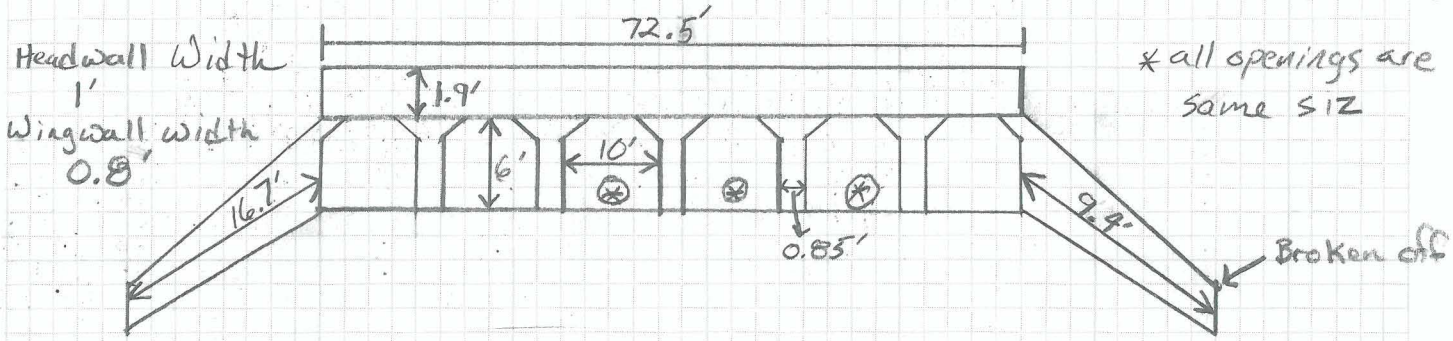
10/23/2007

Structure #1
East Bound
South Side

Rod Height - 6.562
10607 - 13.662
10608 - 6.562

Pt Range 10590 - 10627
1059

Pics - 102307147 - Close up
102307148 200'



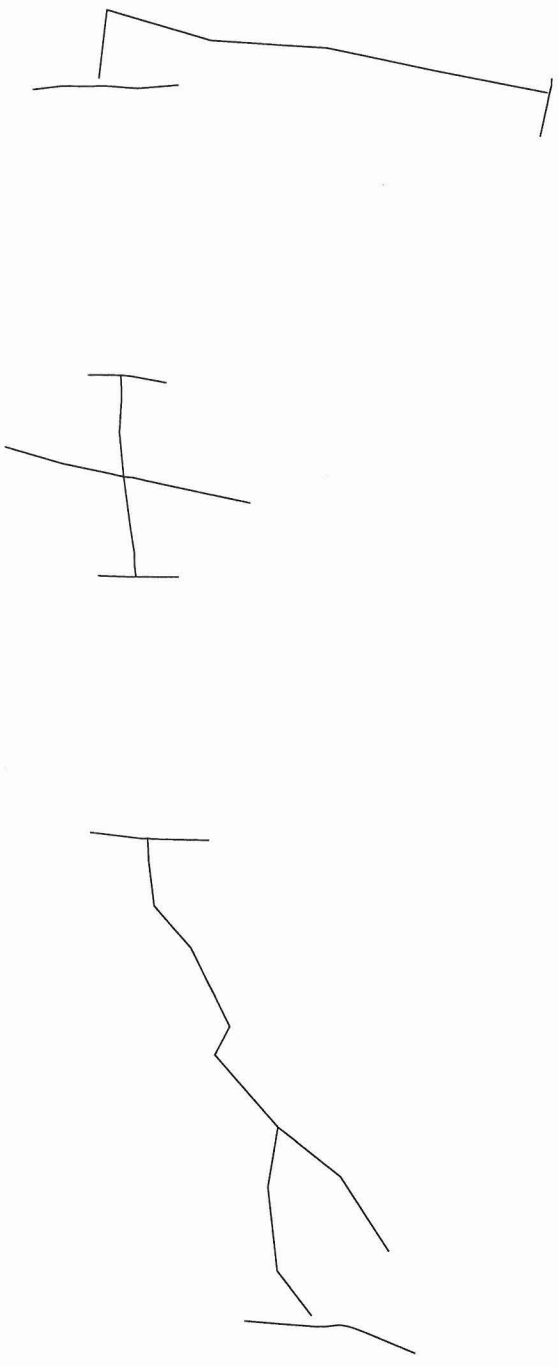
Headwall Width
1'
Wingwall width
0.8'

* all openings are same siz

(*) = filled with about 2.5' of Dirt in Middle

10667 13.662

PRINTED ON RECYCLED PAPER



2

Sta. 4599+10.00

Structure #2
Station 4599+10.00

(North of I-10)
10649,918078.7060,353203.7560,1300.4970,BREAKLINE
10650,918077.1850,353186.4160,1300.5130,BREAKLINE
10651,918078.2890,353171.8040,1301.8800,BREAKLINE
10652,918078.9790,353169.6760,1301.7760,TOP OF OPENING
10653,918078.1020,353165.6770,1302.0670,BREAKLINE
10654,918078.2330,353153.0810,1301.7320,BREAKLINE
10655,918076.7810,353140.6620,1302.3220,BREAKLINE
10656,918079.1280,353169.6840,1298.6560,RCP
10657,918084.1370,353169.0390,1298.7670,FL ES
10658,918081.6220,353169.4000,1298.6600,FL DITCH
10659,918111.3830,353172.8420,1299.7730,FL DITCH
10660,918098.0510,353217.9070,1300.3880,FL DITCH
10661,918094.8430,353267.6310,1301.7560,FL DITCH
10662,918084.9310,353314.6830,1303.3860,FL DITCH
10663,918075.2270,353363.5900,1304.8340,FL DITCH
10664,918056.2860,353360.5540,1305.3030,BREAKLINE
10665,918070.2480,353363.5730,1306.2630,BREAKLINE
10666,918074.4120,353364.3580,1304.9990,BREAKLINE
10667,918075.5310,353364.6230,1305.0190,BREAKLINE
10668,918078.2230,353365.3190,1305.7970,BREAKLINE
10669,918081.4050,353365.4580,1305.8990,BREAKLINE

(Middle of I-10)
10976,917949.5510,353199.0280,1301.0000,BREAKLINE
10977,917951.9910,353185.8360,1300.6390,BREAKLINE
10978,917952.3210,353184.3170,1300.3550,BREAKLINE
10979,917952.7060,353180.7820,1300.6560,BREAKLINE
10980,917952.7510,353179.4320,1297.6110,BREAKLINE
10981,917952.8360,353177.7900,1300.4270,BREAKLINE
10982,917952.9730,353165.1380,1300.2590,BREAKLINE
10983,917953.0020,353179.5030,1300.7050,TOP OF OPENING
10984,917947.8660,353179.6600,1297.7080,FL DITCH
10985,917942.7640,353179.7710,1297.5330,FL DITCH
10986,917928.2070,353178.8910,1297.3010,FL DITCH
10987,917897.5360,353235.4970,1303.0940,BREAKLINE
10988,917902.0190,353214.3220,1302.0780,BREAKLINE
10989,917907.2040,353190.3670,1299.7060,BREAKLINE
10990,917908.5440,353184.8940,1297.6880,BREAKLINE
10991,917908.9240,353180.7850,1297.2760,BREAKLINE
10992,917909.9620,353176.2460,1297.2050,BREAKLINE
10993,917910.2490,353175.1270,1297.4990,BREAKLINE
10994,917914.7120,353153.9300,1297.7620,BREAKLINE
10995,917921.9790,353129.0160,1297.9190,BREAKLINE
10996,917888.2330,353183.6050,1296.9410,FL DITCH
10997,917875.7660,353185.5830,1296.8140,FL DITCH
10998,917870.5740,353185.6370,1296.8650,FL DITCH
10999,917866.1600,353169.6640,1299.7670,BREAKLINE
11000,917865.6280,353184.2160,1299.6660,BREAKLINE
11001,917865.7310,353186.2230,1296.9420,BREAKLINE
11002,917865.6760,353187.5000,1299.8160,BREAKLINE
11003,917865.6490,353204.6310,1300.1980,BREAKLINE
11004,917865.6370,353186.1820,1300.0550,TOP OF OPENING

(South of I-10)
10714,917751.6700,353217.9660,1299.1990,BREAKLINE
10715,917752.2750,353192.8440,1298.6150,BREAKLINE
10716,917752.5620,353191.3600,1295.7810,BREAKLINE
10717,917753.0590,353191.3060,1298.9650,TOP OF OPENING

10718,917752.3260,353189.6180,1298.6840,BREAKLINE
10719,917755.1600,353166.4960,1297.9200,BREAKLINE
10720,917747.8790,353191.7040,1295.3480,FL ES
10721,917747.6600,353191.6560,1295.1480,FL DITCH
10722,917742.8840,353191.8420,1295.3190,FL DITCH
10723,917723.4720,353194.1380,1294.7020,FL DITCH
10724,917705.2370,353210.0100,1294.8390,FL DITCH
10725,917671.3310,353226.8120,1293.9820,FL DITCH
10726,917659.1040,353220.3370,1293.7710,FL DITCH
10727,917627.8960,353247.6740,1293.3360,FL DITCH
10728,917606.5400,353274.8280,1293.2050,FL DITCH
10729,917574.2110,353295.7200,1292.9810,FL DITCH
10730,917602.1460,353243.3450,1292.9540,FL DITCH
10731,917565.8380,353247.3240,1292.6610,FL DITCH
10732,917546.4930,353262.1960,1292.0970,FL DITCH
10733,917544.3070,353233.1040,1293.4390,BREAKLINE
10734,917542.0640,353260.3530,1293.0500,BREAKLINE
10735,917541.7810,353264.0060,1292.1090,BREAKLINE
10736,917541.7860,353264.8930,1292.2920,BREAKLINE
10737,917541.8340,353265.9990,1292.5780,BREAKLINE
10738,917541.7950,353268.2900,1293.2110,BREAKLINE
10739,917542.4960,353274.2410,1292.7230,BREAKLINE
10740,917542.0650,353277.0990,1292.2960,BREAKLINE
10741,917541.7130,353278.6550,1292.2240,BREAKLINE
10742,917541.2650,353280.1770,1292.3440,BREAKLINE
10743,917539.2560,353285.5110,1293.0200,BREAKLINE
10744,917530.1530,353307.0630,1294.1710,BREAKLINE

#2 WB NS @ 200'

#2 WB NS CLOSE

#2 EB SS MEDIAN

#2 WB NS MEDIAN

#2 EB SS @ 200'

#2 EB SS CLOSE

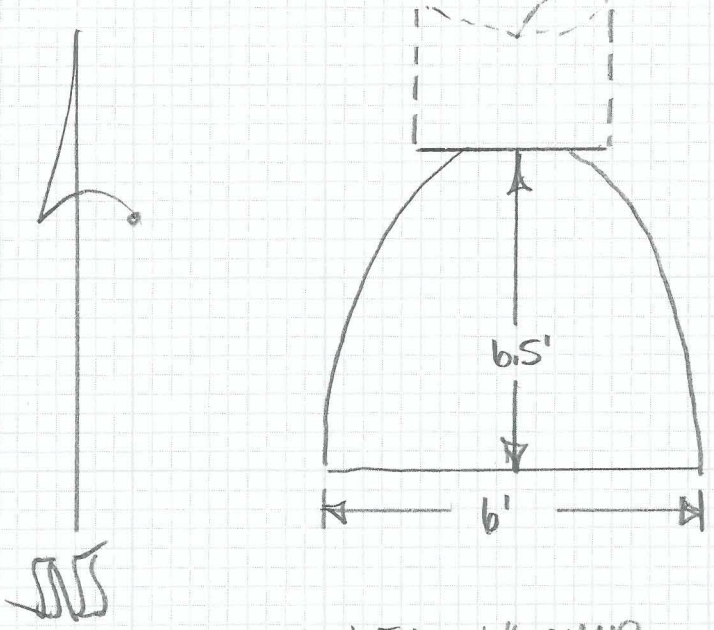
COMP. | LOC. | FILE

WILSON & COMPANY

CK. | PROJ. | SHEET

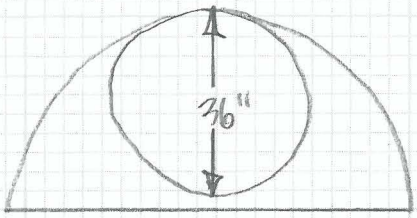
DATE | SUBJ. | OF

SURVEY DRAINAGE STRUCTURE # 2



1 EA 36" CMP

PLAN VIEW



SOUTH FACE

EAST BOUND

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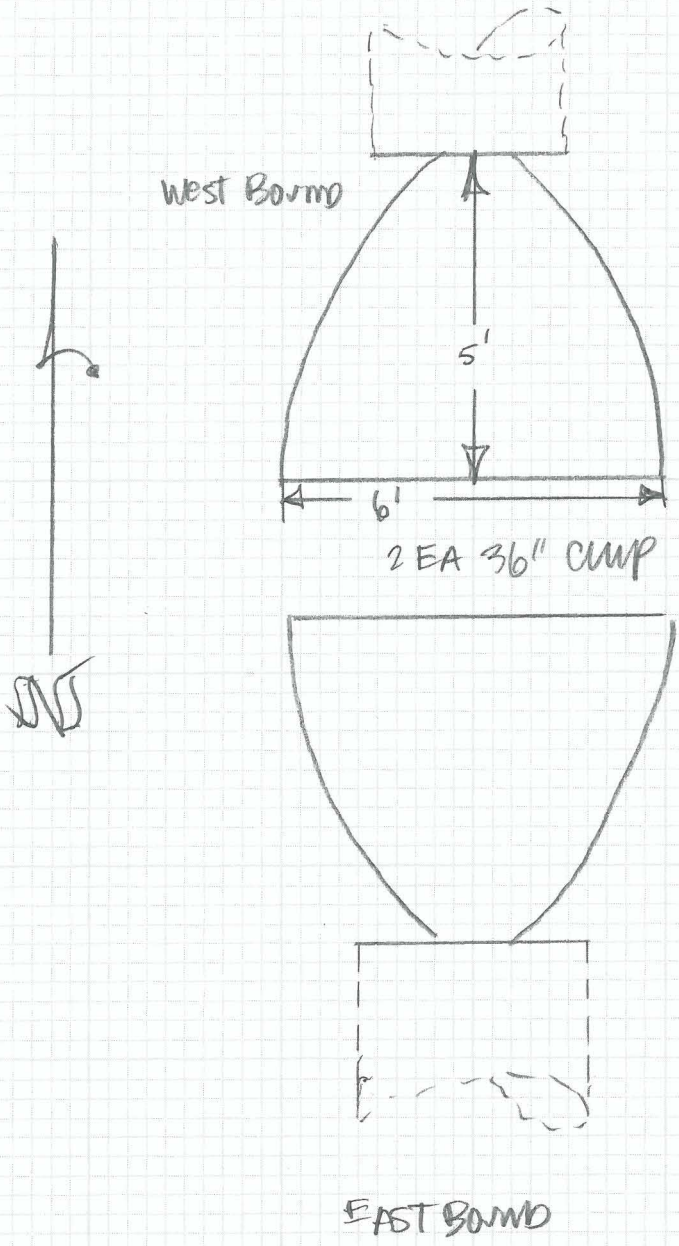
COMP. | LOC. | FILE

WILSON & COMPANY

CK. | PROJ. | SHEET

DATE | SUBJ. | OF

Survey Drainage Structure # "2"



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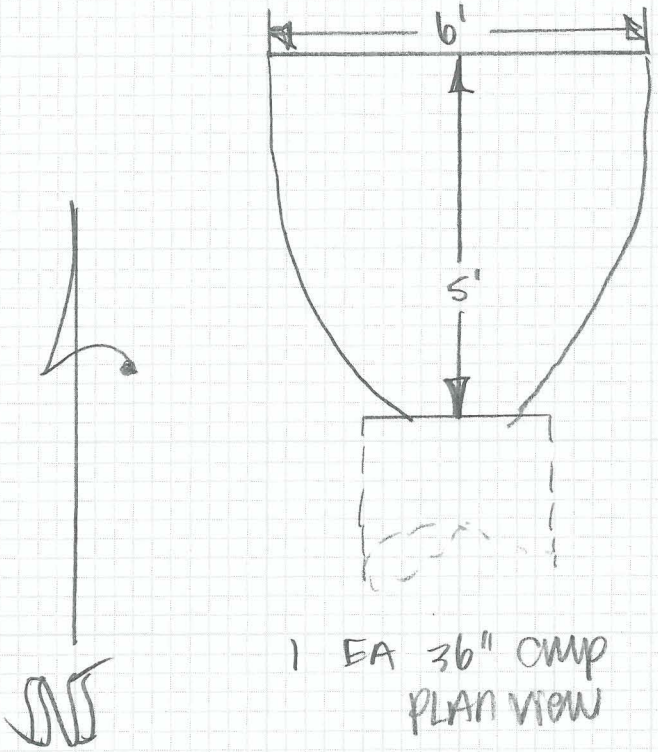
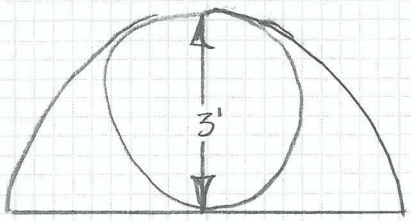
DATE | SUBJ. | OF

SURVEY DRAINAGE STRUCTURE #2



1 EA 36" CMP
PLAN VIEW



NORTH FACE
WEST BOUND

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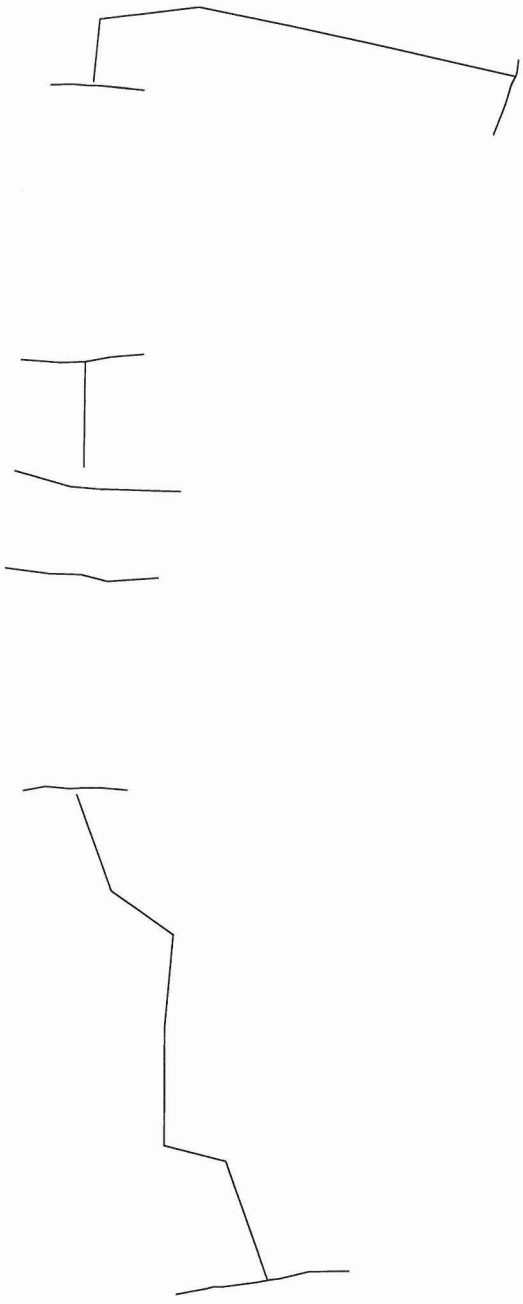


3

Sta. 46004+35.00

Structure #3
Station 4604+35.00

(North of I-10)
10628,917955.5040,353731.3130,1300.9810,BREAKLINE
10629,917956.5290,353721.0440,1301.3370,BREAKLINE
10630,917957.3690,353712.4750,1301.5070,BREAKLINE
10631,917957.4560,353709.3640,1301.9070,TOP OF OPENING
10632,917957.5310,353706.6940,1301.7550,BREAKLINE
10633,917958.1050,353700.2000,1301.9010,BREAKLINE
10634,917957.8300,353690.7760,1302.1180,BREAKLINE
10635,917957.7260,353709.4020,1297.6320,RCP
10636,917963.8850,353710.1900,1297.6800,FL ES
10637,917959.0860,353709.4170,1297.5820,FL DITCH
10638,917986.4120,353712.1290,1298.0620,FL DITCH
10639,917991.4920,353754.9730,1298.7330,FL DITCH
10640,917983.4390,353794.3070,1299.1240,FL DITCH
10641,917972.8170,353841.6230,1299.4070,FL DITCH
10642,917961.3370,353891.6500,1298.9560,FL DITCH
10643,917935.8580,353882.6900,1299.7640,BREAKLINE
10644,917949.1930,353887.8700,1299.9040,BREAKLINE
10645,917957.3900,353890.3110,1300.5130,BREAKLINE
10646,917961.3770,353892.2990,1299.0100,BREAKLINE
10647,917963.2590,353892.9230,1299.9560,BREAKLINE
10648,917968.6100,353893.5180,1300.0560,BREAKLINE

(Middle of I-10)
11005,917840.9270,353731.5720,1300.5830,BREAKLINE
11006,917839.6940,353717.0550,1300.4080,BREAKLINE
11007,917837.7670,353706.3040,1296.7450,BREAKLINE
11008,917837.7670,353706.2800,1296.7440,FL DITCH
11009,917838.0320,353706.2360,1296.7050,RCP
11010,917837.3730,353695.7650,1298.8530,BREAKLINE
11011,917838.7080,353678.2210,1298.9440,BREAKLINE
11012,917838.2910,353706.0420,1300.9840,TOP OF OPENING
11013,917831.4520,353705.9940,1296.8680,FL ES
11014,917792.1970,353705.8220,1296.3310,FL DITCH
11015,917751.7130,353704.3670,1295.7420,FL ES
11016,917745.6470,353704.3920,1295.6970,RCP
11017,917781.5180,353747.6520,1299.7030,BREAKLINE
11018,917782.6210,353712.3740,1296.6110,BREAKLINE
11019,917783.7410,353699.8990,1296.4510,BREAKLINE
11020,917790.7150,353675.6640,1298.2950,BREAKLINE
11021,917748.7460,353671.5940,1299.8940,BREAKLINE
11022,917746.1750,353690.7540,1299.7820,BREAKLINE
11023,917745.1720,353704.2940,1299.9750,TOP OF OPENING
11024,917745.7150,353704.6180,1295.8670,BREAKLINE
11025,917742.7280,353716.1840,1299.0250,BREAKLINE
11026,917744.2440,353738.1980,1298.9650,BREAKLINE

(South of I-10)
10747,917652.4190,353679.4270,1297.7210,BREAKLINE
10748,917654.1510,353689.2960,1297.9250,BREAKLINE
10749,917653.1830,353699.9010,1298.4910,BREAKLINE
10750,917653.0640,353702.9260,1298.8890,TOP OF OPENING
10751,917653.4760,353705.6680,1298.5570,BREAKLINE
10752,917653.5110,353713.0250,1298.2110,BREAKLINE
10753,917652.4550,353725.0620,1298.5870,BREAKLINE
10754,917652.7500,353702.9120,1294.7160,RCP
10755,917650.7000,353702.8810,1294.7220,FL DITCH
10756,917646.6440,353702.9240,1294.8240,FL ES
10757,917609.0210,353717.9350,1294.9180,FL DITCH

10758,917590.0280,353744.5790,1294.3640,FL DITCH
10759,917549.8850,353740.8360,1293.8630,FL DITCH
10760,917499.0580,353740.6300,1293.7170,FL DITCH
10761,917492.2600,353767.1850,1293.2770,FL DITCH
10762,917441.1070,353785.1210,1292.4660,FL DITCH
10763,917434.8620,353745.5600,1294.0750,BREAKLINE
10764,917436.9080,353756.5270,1293.5800,BREAKLINE
10765,917437.2060,353758.3400,1293.3480,BREAKLINE
10766,917438.1690,353761.9120,1293.1840,BREAKLINE
10767,917438.0940,353765.8100,1293.5030,BREAKLINE
10768,917439.9780,353780.1070,1293.3970,BREAKLINE
10769,917440.5130,353783.1260,1292.8170,BREAKLINE
10770,917441.1040,353786.1640,1292.6420,BREAKLINE
10771,917441.5260,353790.0900,1293.6980,BREAKLINE
10772,917444.6430,353803.1510,1294.8070,BREAKLINE
10773,917444.7850,353820.6670,1295.1550,BREAKLINE

#3 WB NS CLOSE

#3 WB NS @ 200'

#3 WB NS MEDIAN @ 100'

#3 WB NS MEDIAN @ CLOSE

#3 EB SS MEDIAN @ 100'

#3 EB SS MEDIAN CLOSE

#3 EB SS @ 200'

#3 EB SS CLOSE

COMP. | LOC. | FILE

WILSON & COMPANY

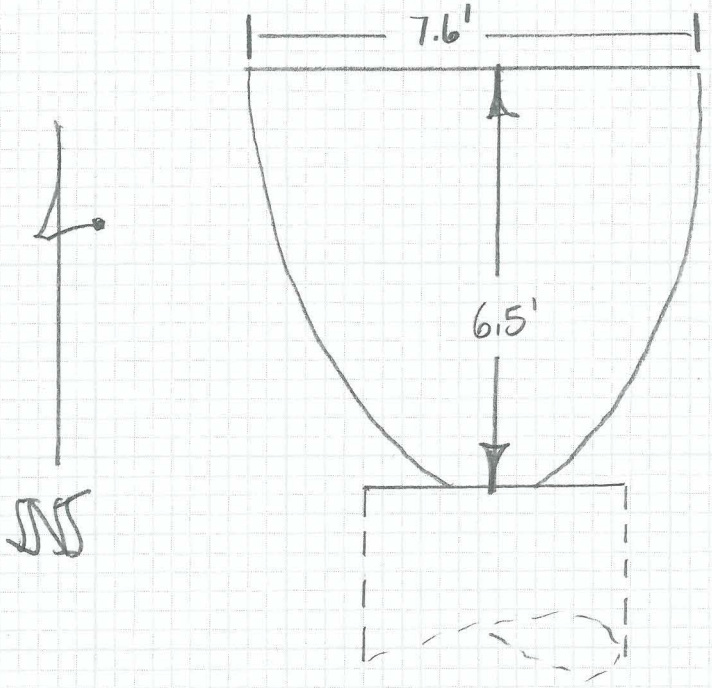
CK. | PROJ. | SHEET

DATE | SUBJ. | OF

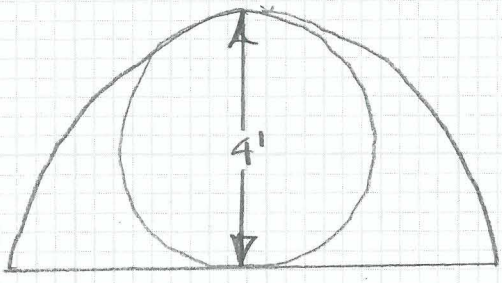
SURVEY DRAINAGE STRUCTURE # 3

NORTH SIDE

WEST BOUND



1 EA 4' CMP



COMP. | LOC. | FILE

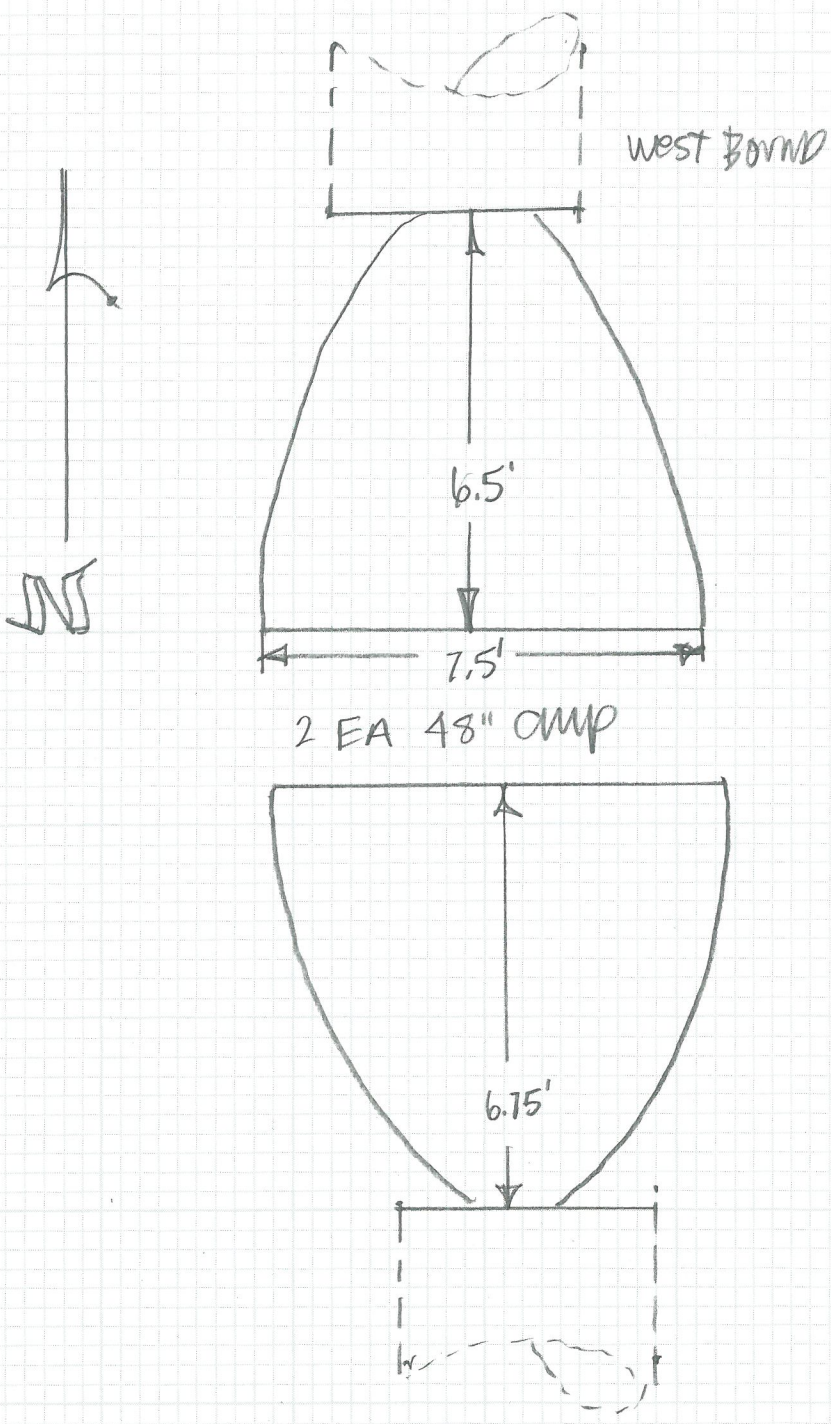
WILSON & COMPANY

CK. | PROJ. | SHEET

DATE | SUBJ. | OF

SURVEY DRAINAGE STRUCTURE #3

MEDIAN



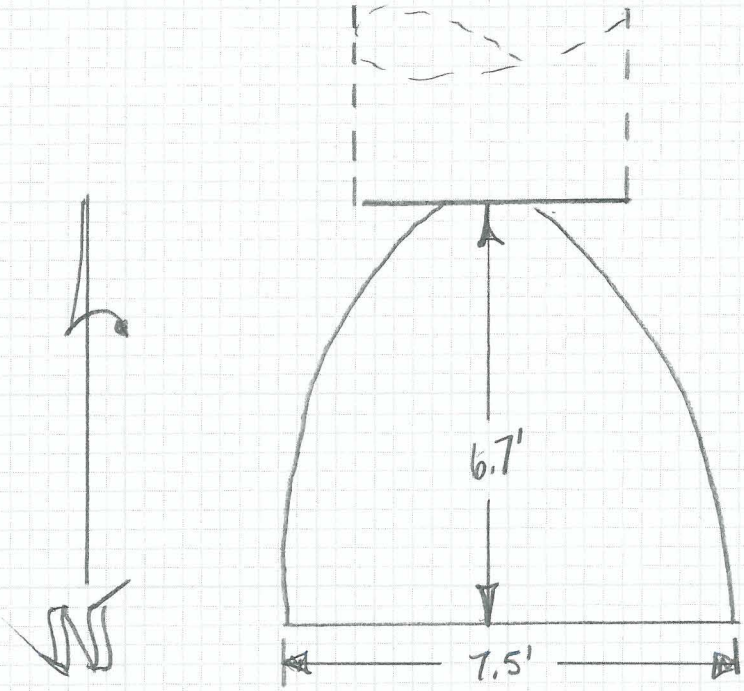
COMP. | LOC. | FILE

WILSON & COMPANY

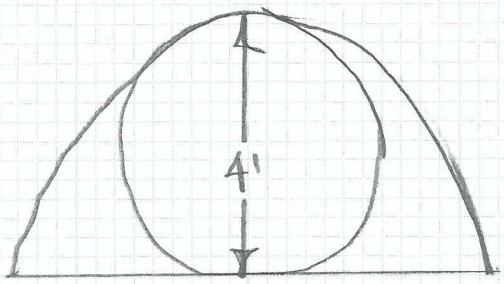
CK. | PROJ. | SHEET

DATE | SUBJ. | OF

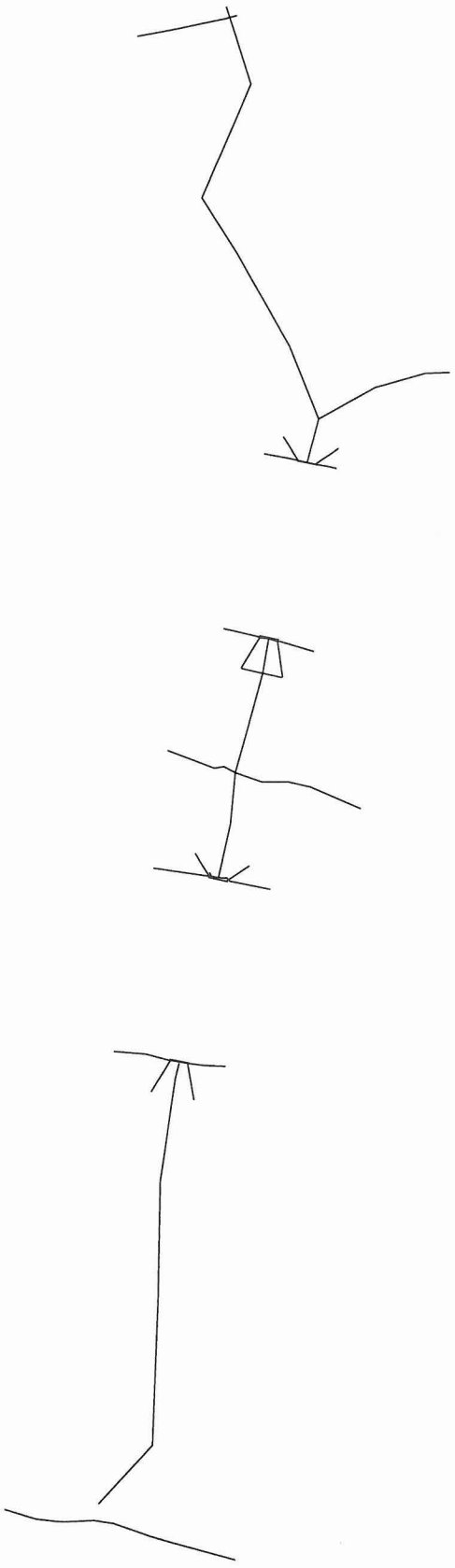
SURVEY DRAINAGE STRUCTURE #3



1 EA 48" CMP



SOUTH SIDE
EAST BOUND



Sta. 4612+90.00

Structure #4
Station 4612+90.00

(North of I-10)
3045,917754.3050,354601.7880,1300.4140,BREAKLINE
3046,917755.3230,354597.3480,1300.2530,BREAKLINE
3047,917756.2180,354592.2480,1300.1430,BREAKLINE
3049,917756.3030,354591.7490,1291.9730,BREAKLINE
3050,917757.1930,354588.0570,1292.0870,TOP OF OPENING
3052,917758.0540,354583.9940,1291.8800,BREAKLINE
3053,917758.1790,354583.6380,1299.9970,BREAKLINE
3054,917759.0450,354579.8060,1300.0780,BREAKLINE
3055,917761.2190,354568.1270,1300.2810,BREAKLINE
3056,917763.4580,354602.5710,1298.2200,WINGWALL
3057,917756.4010,354591.9510,1300.0690,WINGWALL
3058,917756.0740,354592.4520,1301.0350,HEADWALL
3059,917757.9680,354583.4240,1301.1000,HEADWALL
3060,917758.0500,354583.8840,1300.0430,WINGWALL
3061,917765.8840,354579.0010,1299.1230,WINGWALL
3062,917768.9390,354577.0290,1298.2710,WINGWALL
3063,917777.1920,354593.3900,1292.6670,FL DITCH
3064,917791.7560,354619.6670,1296.0030,FL DITCH
3065,917798.2480,354642.5940,1298.0260,FL DITCH
3066,917798.6500,354654.0170,1298.7840,FL DITCH
3067,917811.1400,354579.7580,1293.1710,FL DITCH
3068,917853.8520,354555.5550,1293.9030,FL DITCH
3069,917880.0780,354539.0230,1293.3040,FL DITCH
3070,917932.9130,354561.7140,1294.7590,FL DITCH
3071,917968.7880,354550.1350,1294.9880,FL DITCH
3072,917955.1610,354509.0870,1298.8040,BREAKLINE
3073,917958.7770,354528.6320,1298.3360,BREAKLINE
3074,917960.6250,354537.0980,1296.1650,BREAKLINE
3075,917963.2740,354549.7040,1295.7400,BREAKLINE
3076,917963.9930,354552.1330,1295.2310,BREAKLINE
3077,917964.6720,354555.0310,1295.3330,BREAKLINE

(Middle of I-10)
11027,917657.6600,354576.7540,1296.1010,WINGWALL
11028,917673.9920,354574.4460,1299.1160,WINGWALL
11029,917674.8590,354574.2920,1299.1600,WINGWALL
11030,917675.0240,354574.9660,1300.1580,HEADWALL
11031,917675.9170,354570.6680,1300.1590,HEADWALL
11032,917676.9160,354565.9810,1300.1770,HEADWALL
11033,917676.2530,354570.7810,1300.2130,HCP
11034,917676.5650,354566.4370,1299.2150,WINGWALL
11035,917675.7720,354565.9950,1299.2380,WINGWALL
11036,917661.8550,354557.4660,1296.1380,WINGWALL
11037,917680.2820,354549.2540,1299.1590,BREAKLINE
11038,917676.5750,354565.1850,1299.2660,BREAKLINE
11039,917675.9960,354566.3880,1291.5190,BREAKLINE
11040,917675.5780,354570.2950,1291.2570,BREAKLINE
11041,917675.7250,354570.4960,1298.3020,TOP OF OPENING
11042,917674.3390,354574.0300,1291.3980,BREAKLINE
11043,917674.2980,354575.4750,1299.1830,BREAKLINE
11044,917669.5350,354591.2000,1299.0170,BREAKLINE
11045,917657.5070,354576.5390,1291.8050,CONCRETE
11046,917659.4520,354567.5030,1291.4600,FL DITCH
11047,917661.6870,354557.8160,1291.6550,CONCRETE
11048,917641.4250,354562.6770,1291.5060,FL DITCH
11049,917623.9520,354523.4780,1293.1460,BREAKLINE
11050,917615.6530,354545.0150,1292.2080,BREAKLINE
11051,917616.3770,354549.4880,1291.2900,BREAKLINE
11052,917613.5200,354554.7190,1290.8540,BREAKLINE
11053,917609.1960,354567.2280,1291.9170,BREAKLINE

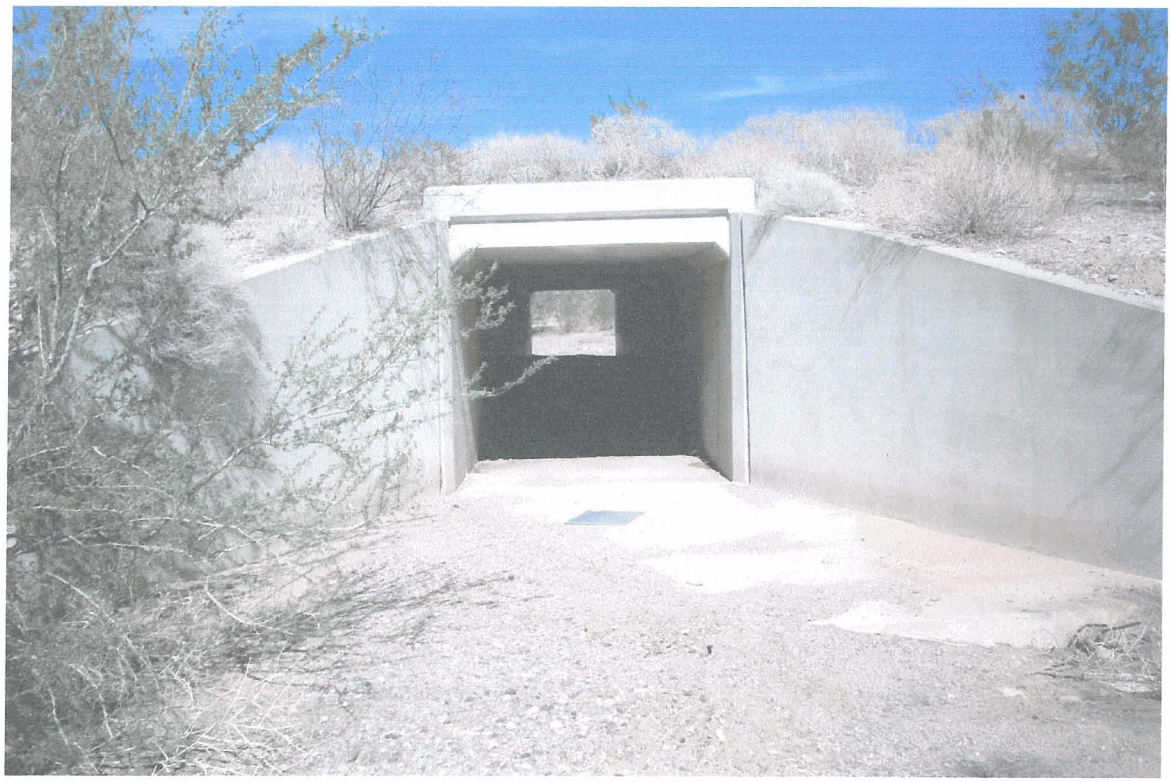
11054,917609.2440,354579.2930,1295.2520,BREAKLINE
11055,908442.4740,410259.4270,1116.2400,HCP
11057,917606.8070,354589.6680,1296.5540,BREAKLINE
11058,917596.6870,354613.0060,1296.8460,BREAKLINE
11059,917559.5670,354570.8840,1297.3910,BREAKLINE
11060,917563.3480,354552.2730,1298.2640,BREAKLINE
11061,917570.4480,354561.2580,1296.4950,WINGWALL
11062,917563.9320,354551.3560,1298.1180,WINGWALL
11063,917563.5090,354550.6930,1298.1010,WINGWALL
11064,917563.1830,354551.1260,1299.0180,HEADWALL
11065,917565.2310,354542.2200,1299.1480,HEADWALL
11066,917565.3210,354542.7750,1298.2050,WINGWALL
11067,917565.4560,354542.8380,1298.2810,WINGWALL
11068,917566.1580,354542.3540,1298.3010,WINGWALL
11069,917576.1750,354536.1480,1296.4220,WINGWALL
11070,917564.8310,354550.8010,1290.2800,BREAKLINE
11071,917589.5630,354552.4700,1290.9740,FL DITCH
11072,917565.0140,354550.4410,1290.1230,CONCRETE
11073,917564.8470,354549.6760,1290.0420,CONCRETE
11074,917565.0100,354546.8960,1290.1710,FL DITCH
11075,917565.0990,354543.9220,1290.4570,CONCRETE
11076,917567.4240,354542.8030,1290.3920,CONCRETE
11077,917565.7660,354543.3140,1290.3160,BREAKLINE
11078,917564.4190,354546.2220,1297.3030,TOP OF OPENING
11079,917565.9510,354540.8820,1298.0420,BREAKLINE
11080,917569.5600,354516.8930,1297.2950,BREAKLINE

(South of I-10)
10774,917477.7540,354549.9900,1296.7040,BREAKLINE
10775,917478.1820,354540.3210,1296.8110,BREAKLINE
10776,917479.0660,354533.4580,1297.1910,BREAKLINE
10777,917479.1670,354532.4930,1297.3860,WINGWALL
10778,917462.1950,354535.3300,1293.8800,WINGWALL
10779,917479.3090,354533.1800,1298.2590,HEADWALL
10780,917481.1240,354524.2170,1298.2570,HEADWALL
10781,917480.7370,354524.6340,1297.3810,WINGWALL
10782,917480.9260,354522.8700,1297.1900,BREAKLINE
10783,917483.5030,354513.3840,1296.7410,BREAKLINE
10784,917484.7900,354498.5940,1296.1290,BREAKLINE
10785,917480.2850,354528.4970,1298.2870,TOP OF OPENING
10786,917466.1270,354515.6030,1294.0090,WINGWALL
10787,917465.8490,354515.5040,1290.6950,SPOT
10788,917461.9810,354534.8570,1291.0970,SPOT
10789,917479.2490,354528.5570,1289.5730,RCP
10790,917472.2580,354526.8350,1289.5280,FL DITCH
10791,917463.3820,354524.8160,1289.4060,FL ES
10792,917424.8210,354519.7170,1289.3880,FL DITCH
10793,917369.8990,354518.5820,1288.8800,FL DITCH
10794,917302.6240,354515.7430,1287.9570,FL DITCH
10795,917275.5880,354490.7520,1288.1460,FL DITCH
10796,917273.2360,354447.2580,1291.7160,BREAKLINE
10797,917268.7250,354461.5280,1290.9170,BREAKLINE
10798,917267.5030,354471.2760,1289.0680,BREAKLINE
10799,917267.3860,354475.5670,1288.0450,BREAKLINE
10800,917267.9070,354488.6040,1287.4170,BREAKLINE
10801,917266.4890,354497.6670,1290.0090,BREAKLINE
10802,917260.4290,354514.7170,1292.7290,BREAKLINE
10803,917254.5070,354536.1430,1293.2620,BREAKLINE
10804,917249.6100,354553.8190,1293.3200,BREAKLINE

#4 WB NS @ 200'

#4 WB NS CLOSE

#4 EB SS MEDIAN



#4 WB NS MEDIAN

#4 EB SS CLOSE

#4 EB ss @ 200'

COMP. | CK. | DATE 10/31/2007

WILSON & COMPANY

LOC. | FILE | PROJ. | SHEET | SUBJ. Structure # 4, | OF

Structure #64 East Bound South Side

Pt Range 10774 – 10804

Pics - 0183 - Close up
0184 - Approx 100'
0185 - " 200'

18

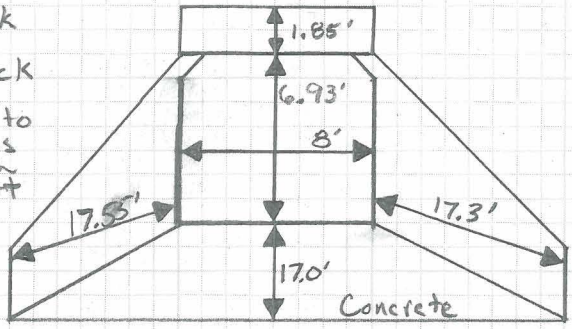
19 cool pix

20

Headwall - 1.0' Thick

Wingwall - 0.8' Thick

* Concrete goes out to end of wingwalls but is covered with about 0.2' deep dirt



PAPER

COMP.

CK.

DATE 10-25-07

WILSON & COMPANY

SR/DA

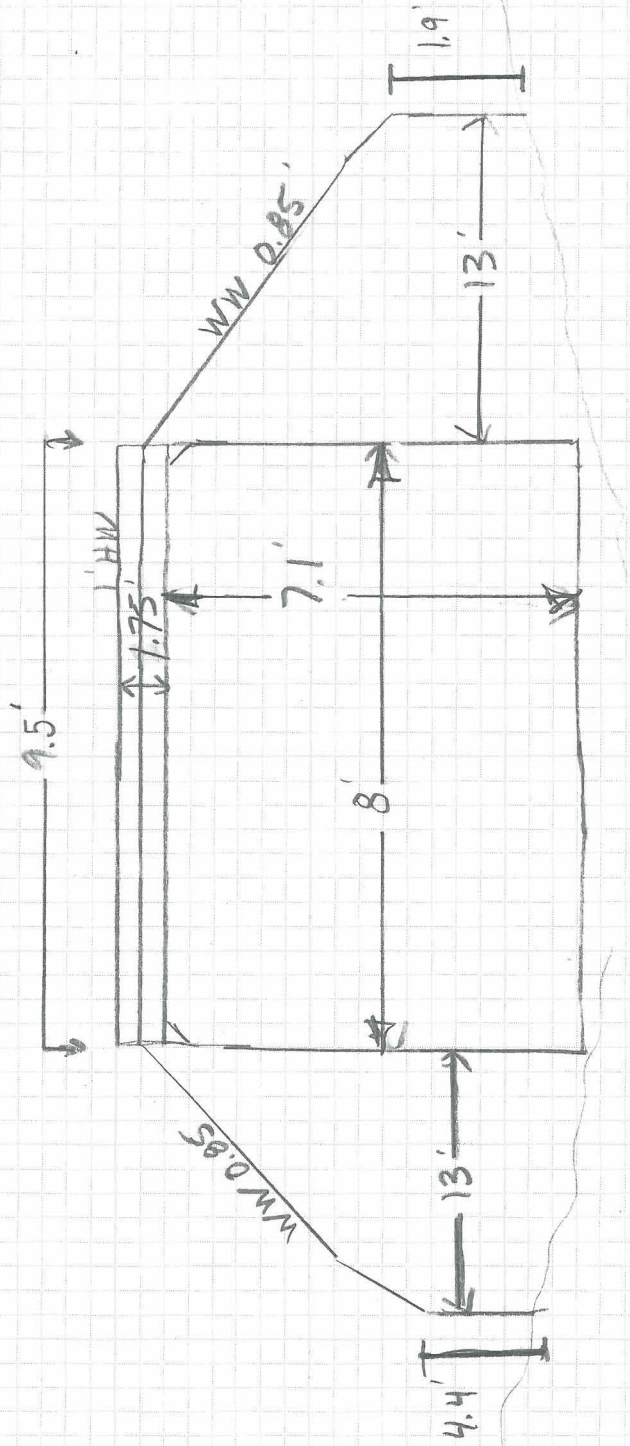
LOC. TONOPAH, AZ FILE

PROJ. I-10 STRUCTURES SHEET

SUBJ. STRUCTURE #1 OF CONC

PT RANGE # 3045 - 3077 WBNS

PIC # 158, 159, 161



close #161

150' #159

200'+ #158

Rod Ht charge

#3049 → 14 462

#3053 → 6 562

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COMP.

CK.

DATE 11-1-2007

WILSON & COMPANY

LOC. I-10 FILE

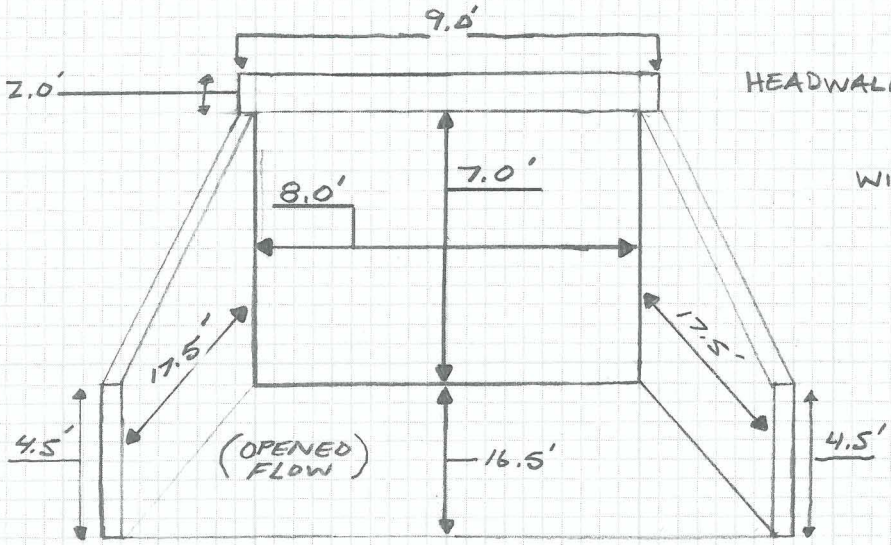
PROJ. PALO VERDE MARKING SHEET

SUBJ. STRUCTURE # 4 OF

STRUCTURE # 64 { WEST BOUND SOUTHSIDE MEDIAN }

PT: 11027 - 11080
PIC: # 209, 210 FACING NORTH

41, 42



HEADWALL WIDTH: 1.0'

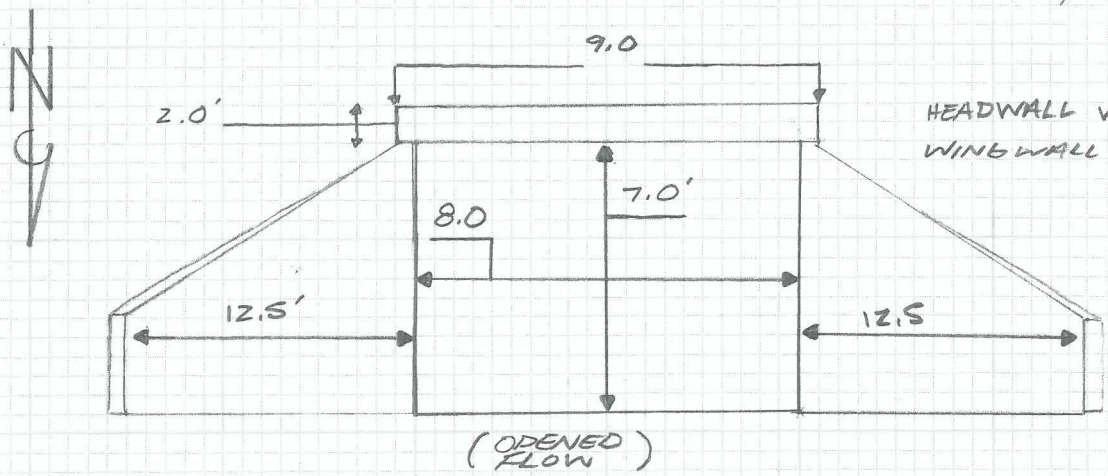
WINGWALL WIDTH: 0.85'

1258.01

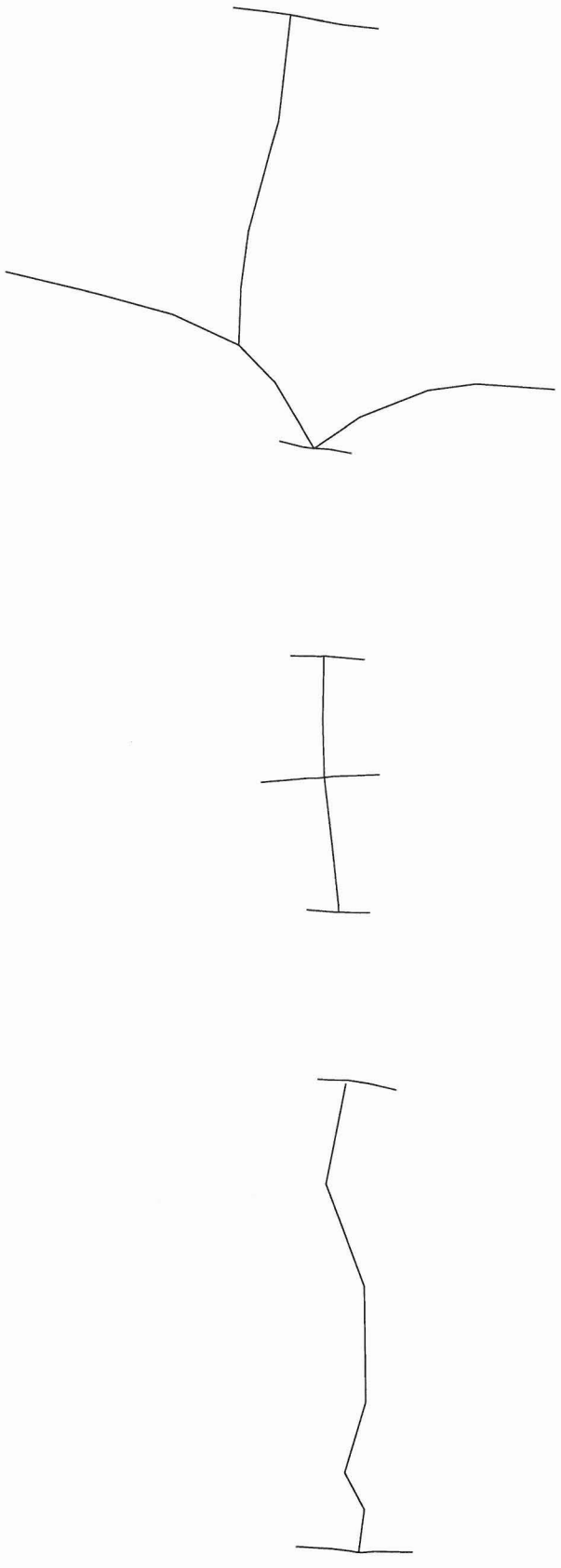
STRUCTURE # 64 { EAST BOUND NORTHSIDE MEDIAN }

PIC: # 211, 212 FACING SOUTH

43, 44



HEADWALL WIDTH: 1.0'
WINGWALL WIDTH: 0.85'



5

Sta. 4616+87.00

Structure #5
Station 4616+87.00

(North of I-10)
3015,917688.3050,354930.5110,1298.3390,BREAKLINE
3016,917690.2400,354919.9720,1298.4480,BREAKLINE
3017,917690.5620,354914.8580,1299.0360,BREAKLINE
3018,917690.6550,354913.6520,1297.3560,BREAKLINE
3019,917690.7540,354912.5610,1297.4220,BREAKLINE
3020,917690.7190,354912.0730,1299.3390,BREAKLINE
3021,917691.3270,354907.5850,1299.4500,BREAKLINE
3022,917694.1210,354896.7580,1299.1780,BREAKLINE
3023,917690.1990,354912.9590,1299.4040,TOP OF OPENING
3024,917690.5540,354912.9580,1297.3310,RCP
3025,917705.0910,354934.3180,1298.2310,FL DITCH
3026,917717.5050,354965.8600,1298.5220,FL DITCH
3027,917720.5230,354988.1390,1298.7820,FL DITCH
3028,917717.9140,355024.8580,1298.1710,FL DITCH
3029,917721.4810,354894.5170,1297.9110,FL DITCH
3030,917738.7420,354877.7160,1297.9300,FL DITCH
3031,917753.1100,354846.8490,1298.5710,FL DITCH
3032,917762.7170,354811.7570,1298.9040,FL DITCH
3033,917773.0200,354768.8330,1298.9680,FL DITCH
3034,917765.6490,354878.6000,1298.8860,FL DITCH
3035,917791.8780,354882.0410,1298.5250,FL DITCH
3036,917843.2970,354895.8430,1299.2580,FL DITCH
3037,917892.4960,354901.1290,1299.9730,FL DITCH
3038,917896.1260,354874.5190,1300.9680,BREAKLINE
3039,917894.3090,354889.6450,1300.2180,BREAKLINE
3040,917892.7860,354900.9750,1299.9650,BREAKLINE
3041,917890.9430,354910.4840,1300.1460,BREAKLINE
3042,917888.2410,354925.2220,1300.3390,BREAKLINE
3043,917886.3400,354942.3720,1300.9880,BREAKLINE
3044,917693.8620,354912.7810,1297.6510,FL ES

(Middle of I-10)
11081,917594.1180,354902.0810,1298.0250,BREAKLINE
11082,917593.8870,354916.7980,1297.9540,BREAKLINE
11083,917594.0460,354917.7940,1295.8750,BREAKLINE
11084,917594.1950,354917.7580,1297.9600,TOP OF OPENING
11085,917593.9720,354918.9020,1297.8520,BREAKLINE
11086,917593.6340,354921.8680,1298.6590,BREAKLINE
11087,917592.2960,354936.8600,1298.2500,BREAKLINE
11088,917590.7850,354917.8690,1295.8330,FL DITCH
11089,917563.9310,354917.4190,1295.6740,FL DITCH
11090,917538.8540,354943.8320,1296.0970,BREAKLINE
11091,917538.2490,354926.4480,1296.2060,BREAKLINE
11092,917538.1320,354922.7670,1295.2980,BREAKLINE
11093,917537.6110,354918.1900,1295.2280,FL DITCH
11094,917537.2450,354914.8900,1295.4890,BREAKLINE
11095,917537.2660,354910.1900,1296.4930,BREAKLINE
11096,917535.3710,354888.5670,1297.1140,BREAKLINE
11097,917505.1760,354921.9090,1295.0520,FL DITCH
11098,917478.1560,354924.7740,1294.7920,FL DITCH
11099,917474.7390,354939.5260,1295.9820,BREAKLINE
11100,917474.8810,354928.7150,1296.0270,BREAKLINE
11101,917475.1120,354926.0730,1296.5450,BREAKLINE
11102,917475.0360,354924.8660,1294.7170,FL DITCH
11103,917474.7540,354925.0110,1296.8440,TOP OF OPENING
11104,917475.0020,354923.7430,1296.7520,BREAKLINE
11105,917476.1890,354909.8740,1296.8530,BREAKLINE

(South of I-10)
10805,917397.5120,354915.0500,1294.8900,BREAKLINE
10806,917397.0640,354921.4430,1294.9660,BREAKLINE
10807,917397.0230,354926.8530,1295.6310,BREAKLINE
10808,917396.9310,354927.9550,1295.8820,TOP OF OPENING
10809,917396.6880,354928.0370,1293.8190,RCP
10810,917396.9870,354929.2100,1295.6930,BREAKLINE
10811,917395.4500,354938.9250,1295.8440,BREAKLINE
10812,917392.4280,354951.6590,1295.3730,BREAKLINE
10813,917395.3790,354928.1630,1293.8080,FL DITCH
10814,917393.4490,354928.3390,1293.8610,FL ES
10815,917348.8200,354918.9970,1293.4270,FL DITCH
10816,917301.2330,354936.7340,1292.9210,FL DITCH
10817,917247.5650,354937.3360,1292.3440,FL DITCH
10818,917214.7810,354927.4310,1292.0530,FL DITCH
10819,917197.5890,354936.5570,1291.7220,FL DITCH
10820,917178.2660,354933.9090,1291.6170,FL DITCH
10821,917180.6610,354904.7150,1292.0290,BREAKLINE
10822,917180.2820,354910.3140,1291.9580,BREAKLINE
10823,917179.6420,354921.3760,1292.1000,BREAKLINE
10824,917178.5470,354930.1720,1292.0490,BREAKLINE
10825,917178.0500,354932.3830,1291.7870,BREAKLINE
10826,917177.8710,354935.5000,1291.7980,BREAKLINE
10827,917178.3400,354941.3520,1292.5050,BREAKLINE
10828,917177.9130,354958.8950,1292.0910,BREAKLINE

#5 WB NS @ 200'

#5 WB NS CLOSE

#5 WB NS MEDIAN

#5 EB SS MEDIAN

#5 EB SS @ 200'

#5 EB SS CLOSE

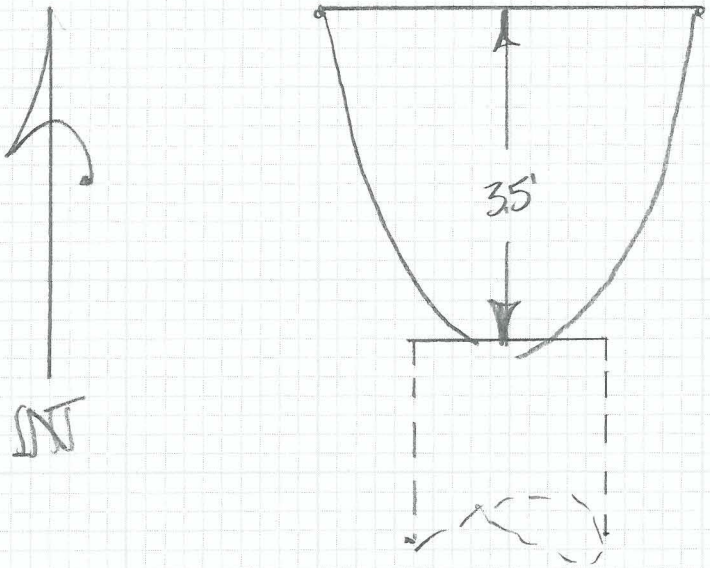
COMP. | LOC. | FILE

CK. | PROJ. | SHEET

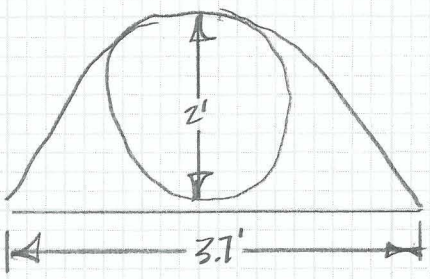
DATE | SUBJ. | OF

WILSON & COMPANY

SURVEY DRAINAGE STRUCTURE "5"



PLAN VIEW



NORTH FACE

WEST BOUND

1 EA 24" CMP

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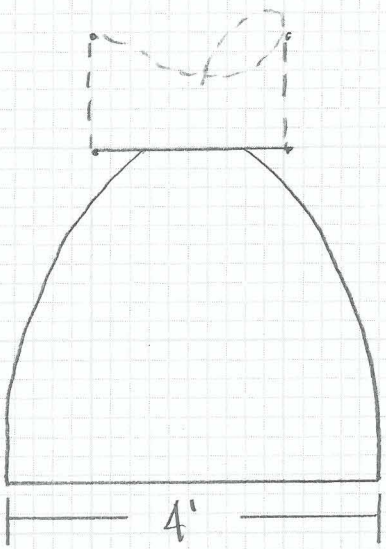
COMP. | LOC. | FILE

WILSON & COMPANY

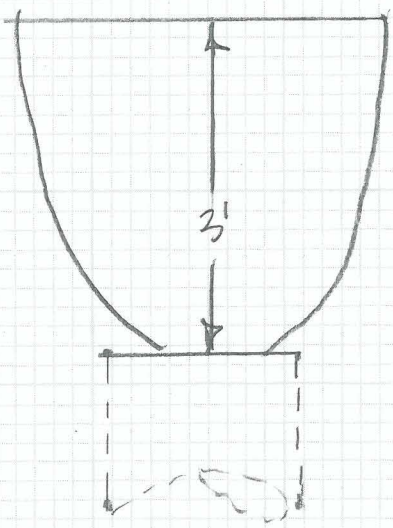
CK. | PROJ. | SHEET

DATE | SUBJ. | OF

Survey Drainage Structure # "5"



2EA 24" CMP (PLAN VIEW)



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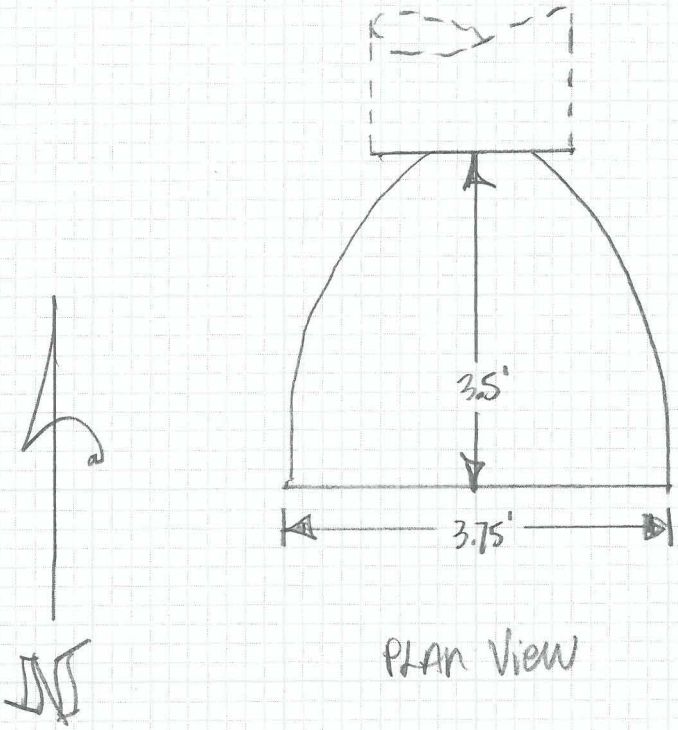
COMP. | LOC. | FILE

CK. | PROJ. | SHEET

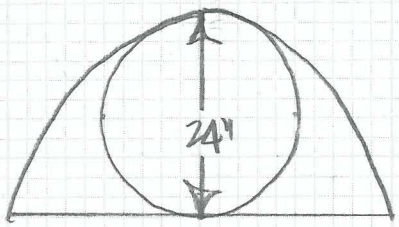
DATE | SUBJ. | OF

WILSON & COMPANY

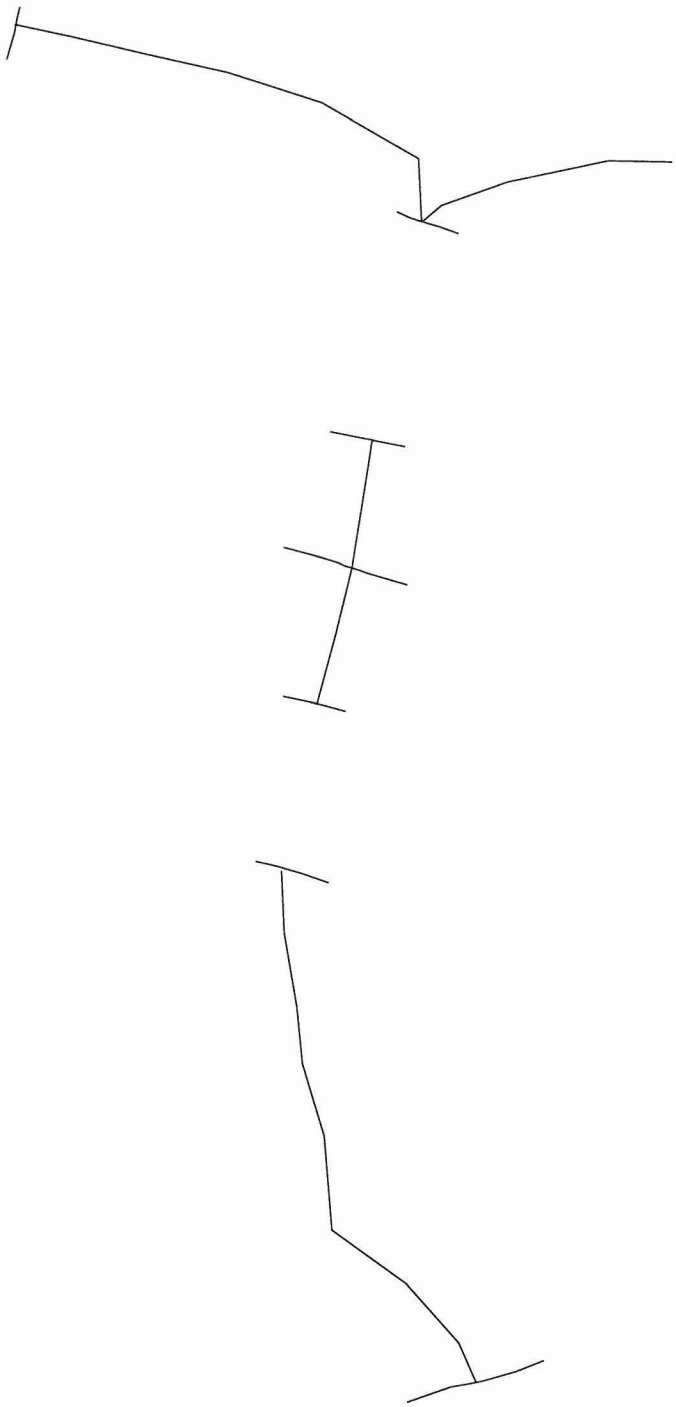
Survey Drainage structure "5"



PLAN View



SOUTH FACE
EAST BOUND



6

Sta. 4619+70.00

Structure #6
Station 4619+70.00

(North of I-10)
2989,917615.8340,355270.3530,1297.3500,BREAKLINE
2990,917618.8570,355262.0120,1297.2730,BREAKLINE
2991,917620.4900,355256.3210,1297.6490,BREAKLINE
2992,917620.8970,355255.2060,1295.8090,BREAKLINE
2993,917621.1900,355254.0780,1295.7360,BREAKLINE
2994,917621.3750,355253.2520,1297.6910,BREAKLINE
2995,917622.5930,355249.6470,1298.1360,BREAKLINE
2996,917625.3200,355243.7150,1298.4150,BREAKLINE
2997,917620.5570,355254.4990,1297.7910,TOP OF OPENING
2998,917620.8140,355254.4300,1295.6170,RCP
2999,917624.0670,355255.1470,1295.6900,FL ES
3000,917648.4200,355252.9810,1296.6750,FL DITCH
3001,917672.6190,355211.1070,1297.1920,FL DITCH
3002,917685.8290,355170.1660,1297.8120,FL DITCH
3003,917694.6900,355130.7650,1298.2370,FL DITCH
3004,917701.5670,355101.8250,1298.7450,FL DITCH
3005,917706.6600,355077.8830,1298.4920,FL DITCH
3006,917714.2620,355079.9920,1299.0920,BREAKLINE
3007,917709.3040,355078.8420,1299.0840,BREAKLINE
3008,917706.5340,355078.3390,1298.6240,BREAKLINE
3009,917702.8200,355077.6980,1299.3060,BREAKLINE
3010,917691.4650,355074.4680,1298.8990,BREAKLINE
3011,917628.1150,355263.0260,1296.1540,FL DITCH
3012,917638.2920,355291.7090,1296.8700,FL DITCH
3013,917647.4390,355335.2700,1297.4440,FL DITCH
3014,917646.8990,355363.0490,1297.9900,FL DITCH

(Middle of I-10)
11106,917415.5580,355195.2670,1295.8500,BREAKLINE
11107,917412.6770,355208.9000,1295.7740,BREAKLINE
11108,917412.3000,355209.9900,1293.7860,BREAKLINE
11109,917412.2260,355211.0020,1295.7410,BREAKLINE
11110,917409.0890,355222.4500,1295.9670,BREAKLINE
11111,917415.4110,355210.8100,1293.7550,FL DITCH
11112,917412.1980,355209.8120,1295.8440,TOP OF OPENING
11113,917442.6810,355218.1300,1294.4540,FL DITCH
11114,917463.8010,355248.9490,1296.3070,BREAKLINE
11115,917468.9090,355231.4980,1295.0190,BREAKLINE
11116,917469.8470,355229.0790,1294.4160,BREAKLINE
11117,917471.1410,355225.0010,1294.2550,BREAKLINE
11118,917472.0790,355221.6170,1294.4590,BREAKLINE
11119,917473.3960,355219.0320,1295.0090,BREAKLINE
11120,917475.1870,355213.2490,1295.5450,BREAKLINE
11121,917479.9320,355195.4330,1295.9200,BREAKLINE
11122,917503.7970,355230.1020,1294.8230,FL DITCH
11123,917521.7740,355232.8670,1294.3950,FL DITCH
11124,917523.3200,355232.9880,1294.6540,FL DITCH
11125,917523.6450,355247.7390,1296.1320,BREAKLINE
11126,917525.7220,355236.9570,1295.9640,BREAKLINE
11127,917526.2290,355234.3460,1296.4030,BREAKLINE
11128,917526.5210,355233.5900,1294.6160,BREAKLINE
11129,917526.7060,355232.5930,1296.5180,BREAKLINE
11130,917527.2340,355229.5600,1296.0940,BREAKLINE
11131,917530.0820,355215.3160,1296.2530,BREAKLINE
11132,917526.7160,355233.6680,1296.7920,TOP OF OPENING

(South of I-10)
10829,917344.2980,355183.6650,1294.4370,BREAKLINE

10830,917342.7550,355190.6650,1294.4320,BREAKLINE
10831,917341.9000,355194.0300,1295.1990,BREAKLINE
10832,917341.4280,355195.2430,1295.3330,TOP OF OPENING
10833,917341.3250,355195.2280,1293.2620,RCP
10834,917341.1160,355196.4550,1295.1030,BREAKLINE
10835,917340.1830,355194.7540,1293.2050,FL DITCH
10836,917339.0000,355203.8130,1294.3570,BREAKLINE
10837,917335.0950,355215.1330,1293.9130,BREAKLINE
10838,917338.0920,355194.8260,1293.1670,FL ES
10839,917313.3380,355195.9800,1292.9530,FL DITCH
10840,917281.4700,355201.4200,1293.1060,FL DITCH
10841,917256.8720,355203.8650,1292.7910,FL DITCH
10842,917225.5780,355213.3670,1292.3620,FL DITCH
10843,917185.0660,355216.7180,1291.8690,FL DITCH
10844,917161.9290,355249.0670,1291.0830,FL DITCH
10845,917136.2970,355271.6520,1290.7820,FL DITCH
10846,917119.2430,355279.1210,1290.5590,FL DITCH
10847,917110.7670,355249.4350,1291.5640,BREAKLINE
10848,917117.2760,355268.1350,1291.5460,BREAKLINE
10849,917118.6030,355275.8430,1290.7480,BREAKLINE
10850,917119.7360,355281.5680,1290.7060,BREAKLINE
10851,917120.6600,355284.9670,1291.1480,BREAKLINE
10852,917123.8500,355296.1050,1292.4030,BREAKLINE
10853,917128.6860,355308.5310,1291.8390,BREAKLINE

#6 WB NS @ 200'

#6 WB NS CLOSE

#6 EB SS MEDIAN

#6 WB NS MEDIAN

#6 EB SS @ 200'

#6 EB SS CLOSE

COMP. | LOC. | FILE

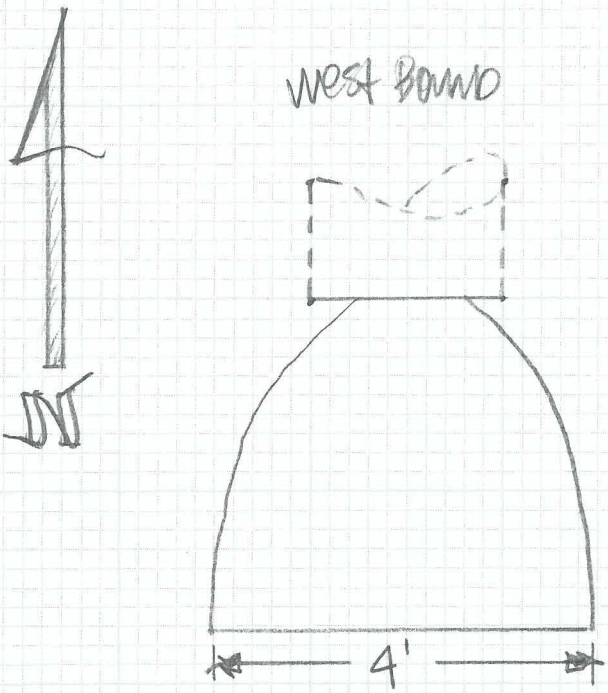
WILSON & COMPANY

CK. | PROJ. | SHEET

DATE | SUBJ. | OF

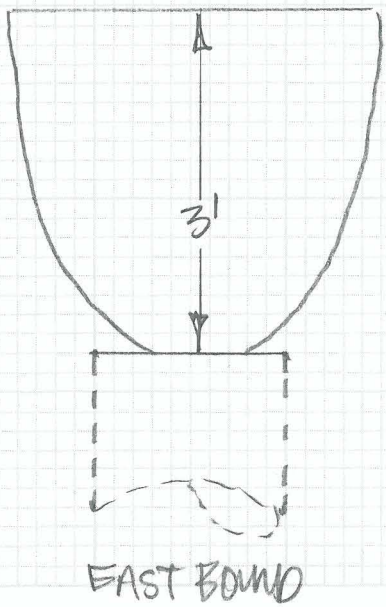
Survey Drainage Structure # "6"

Median



2 EA 24" CMP

PLAN VIEW



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

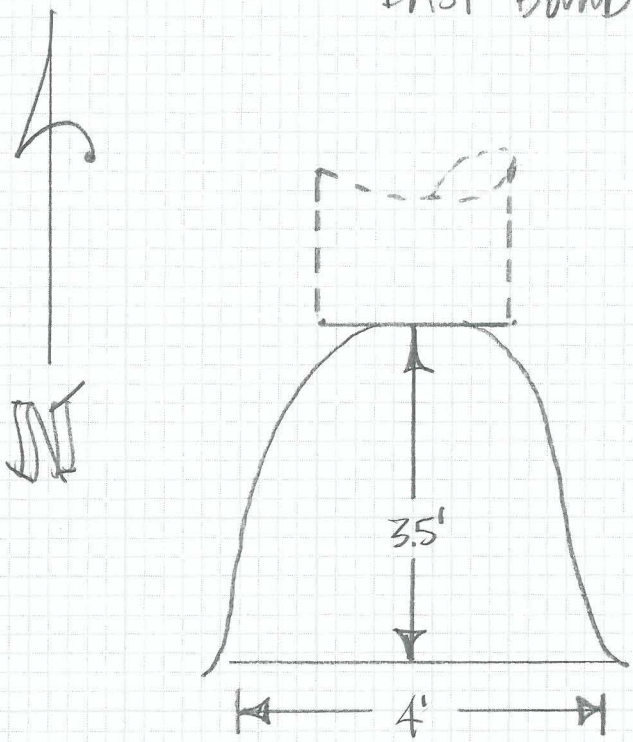
DATE | SUBJ. | OF

WILSON & COMPANY

SURVEY DRAINAGE STRUCTURE "6"

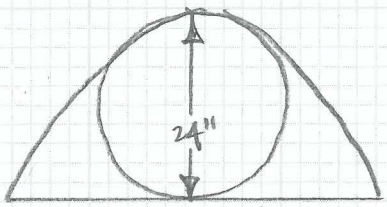
SOUTH FACE

EAST BOUND



PLAN VIEW

24" CMP



SOUTH FACE

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3118,916835.5290,356669.7540,1284.5080,BREAKLINE
3119,916832.5980,356663.8620,1284.9450,BREAKLINE
3120,916829.3010,356655.8290,1285.4650,BREAKLINE
3121,916823.2510,356643.6780,1286.0420,BREAKLINE

#9 WB NS @ 200'

#9 WB NS CLOSE

#9 WB NS MEDIAN

#9 EB SS MEDIAN

#9 EB SS @ 200'

#9 EB SS CLOSE

COMP.

CK.

DATE 10/25/07

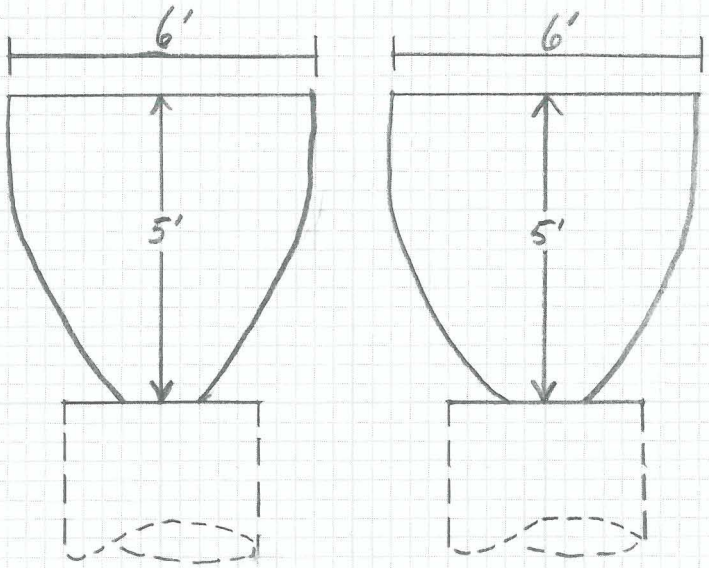
WILSON & COMPANY

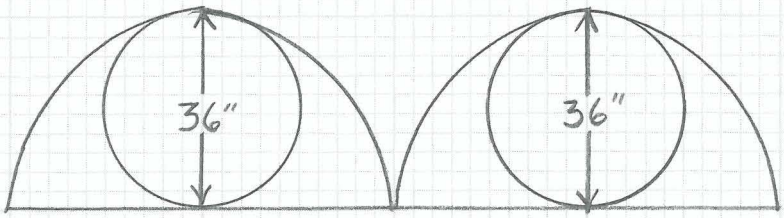
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #9
North Face
West Bound
CMP(2)





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COMP.

CK.

DATE 11-14-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 9

MEDIAN

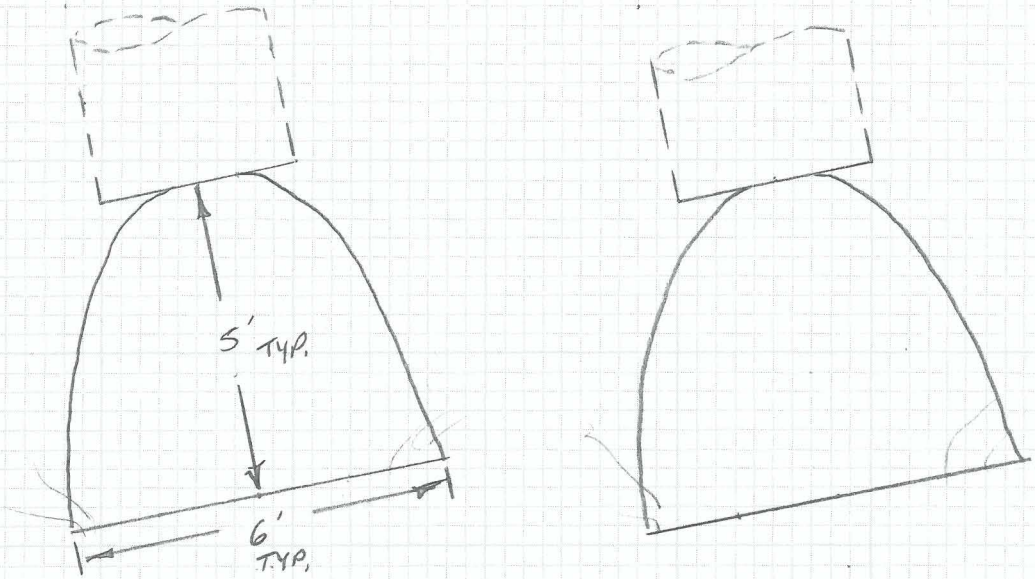
H. BEJARANO

↘ PICTURES

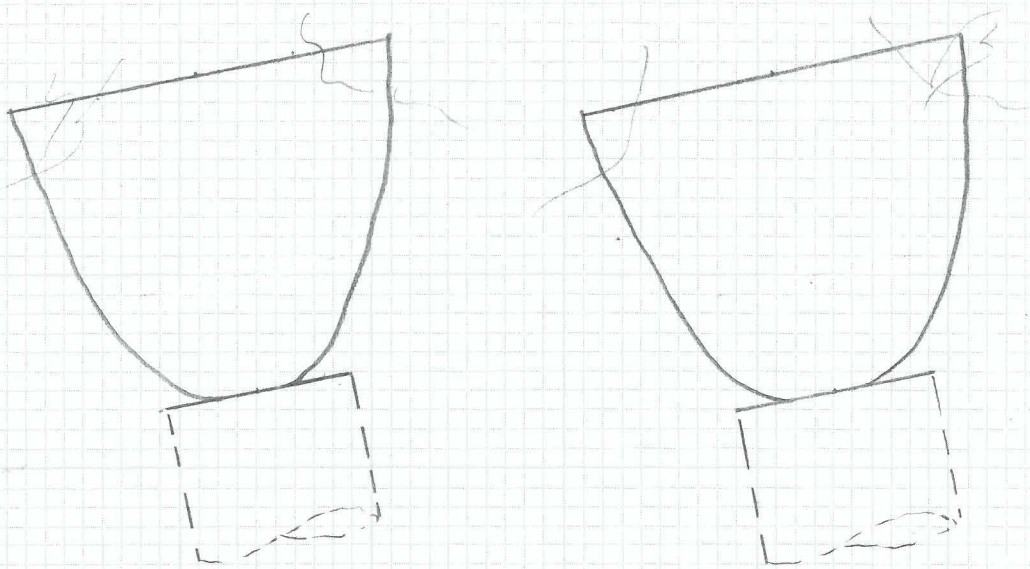
147 FACING NORTH 0139

148 FACING SOUTH 0140

WEST BOUND



4 EA. 36" CMP



EAST BOUND

COMP. | CK. | DATE 11-01-07

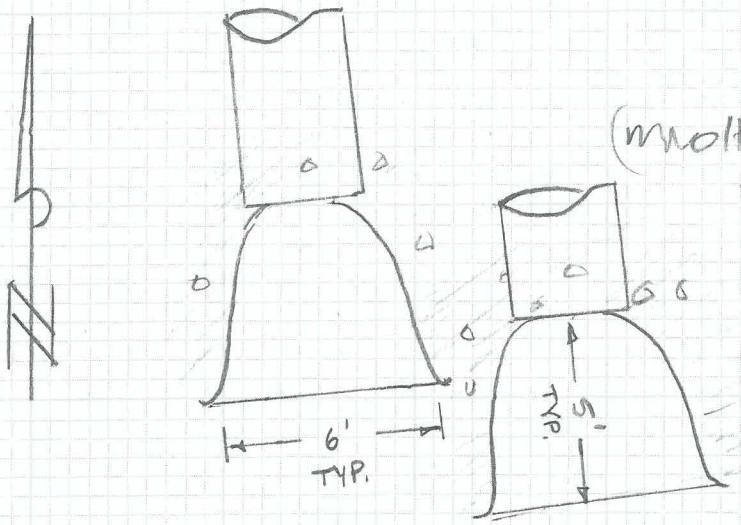
WILSON & COMPANY

LOC. | FILE | PROJ. | SHEET | SUBJ. | OF

H. BEJARANO
D. ACOSTA

GPS POINT NUMBER 3078 ~ 3121

SURVEY DRAINAGE CROSSING # 9



PLAN VIEW

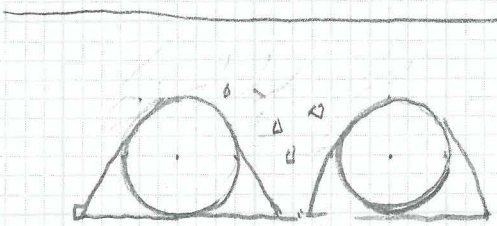
√ PIC #S

(maxolta)

17 close – 0009

16 100' – 0008

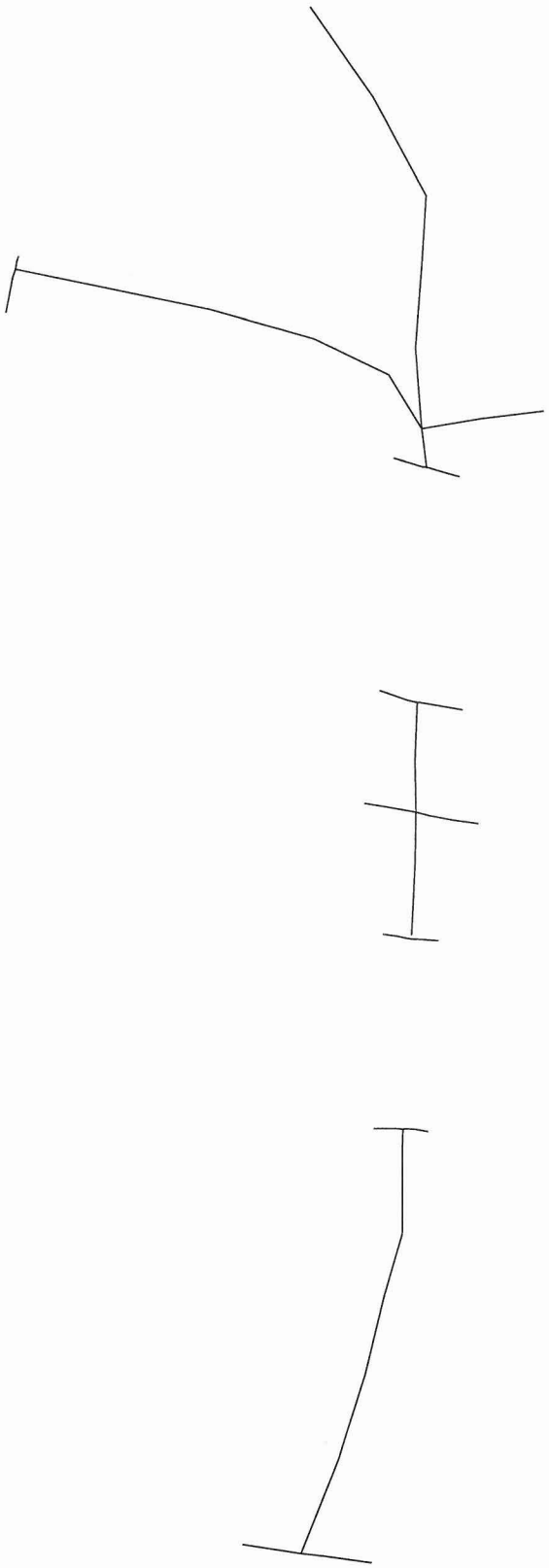
15 200' – 0007



2 EACH 36" CMP

SOUTH FACE

EAST FOUND



10

Sta. 4637+05.00

Structure #10
Station 4637+05.00

(North of I-10)
2838,917264.6960,356923.6710,1291.6050,BREAKLINE
2839,917267.5830,356913.4990,1291.2190,BREAKLINE
2840,917268.6910,356910.1470,1291.0620,BREAKLINE
2841,917268.7940,356909.1910,1289.2710,BREAKLINE
2842,917269.0060,356908.4050,1289.3390,BREAKLINE
2843,917269.0190,356907.3020,1291.2410,BREAKLINE
2844,917270.7050,356901.9610,1291.0200,BREAKLINE
2845,917272.9060,356894.2890,1291.2870,BREAKLINE
2846,917268.4650,356908.7920,1291.4770,TOP OF OPENING
2847,917268.8660,356908.9910,1289.2550,RCP
2848,917272.1950,356908.8650,1289.2760,FL ES
2849,917286.0190,356906.7790,1289.4000,FL DITCH
2850,917290.4890,356933.3180,1290.3790,FL DITCH
2851,917293.8200,356960.9410,1290.5300,FL DITCH
2852,917310.0600,356891.9250,1289.9440,FL DITCH
2853,917326.1810,356858.4040,1290.9180,FL DITCH
2854,917339.1150,356812.4780,1291.0080,FL DITCH
2855,917348.4090,356767.8540,1292.1300,FL DITCH
2856,917357.2320,356725.0390,1291.5010,FL DITCH
2857,917363.0970,356726.3930,1292.3040,BREAKLINE
2858,917360.4120,356725.5470,1292.2120,BREAKLINE
2859,917358.7270,356725.3410,1291.7420,BREAKLINE
2860,917357.0840,356724.9780,1291.5100,BREAKLINE
2861,917354.4940,356724.1410,1292.4000,BREAKLINE
2862,917353.1760,356723.7530,1293.0660,BREAKLINE
2863,917345.3330,356722.3100,1292.2670,BREAKLINE
2864,917337.8540,356720.8970,1292.1880,BREAKLINE
2865,917286.0720,356906.7170,1289.3570,FL DITCH
2866,917322.1520,356903.9050,1290.0220,FL DITCH
2867,917359.1460,356906.5440,1290.4600,FL DITCH
2868,917390.0780,356908.3300,1290.4090,FL DITCH
2869,917434.1490,356884.3870,1291.4210,FL DITCH
2870,917474.3510,356856.0930,1291.5330,FL DITCH

(Middle of I-10)
5215,917061.1410,356889.9230,1288.6390,BREAKLINE
5216,917060.2810,356896.0680,1288.7610,BREAKLINE
5217,917059.3000,356900.7080,1289.1570,BREAKLINE
5218,917058.9890,356902.4000,1287.2830,RCP
5219,917058.7600,356902.4030,1289.3770,TOP OF OPENING
5220,917059.0070,356904.1300,1289.1430,BREAKLINE
5221,917058.2480,356914.6660,1288.9840,BREAKLINE
5222,917062.3550,356902.6750,1287.3310,FL ES
5223,917110.2150,356932.4610,1290.5550,BREAKLINE
5224,917111.7620,356921.4300,1289.1450,BREAKLINE
5225,917113.7690,356910.8070,1288.3360,BREAKLINE
5226,917115.3350,356904.7940,1288.1000,BREAKLINE
5227,917117.5160,356892.5500,1288.2570,BREAKLINE
5228,917119.2980,356881.6560,1288.1900,BREAKLINE
12100,917169.4540,356888.2680,1289.9150,BREAKLINE
12101,917165.1170,356900.8410,1289.9330,BREAKLINE
12102,917164.2840,356904.4480,1290.1670,BREAKLINE
12103,917164.1760,356905.1550,1288.1280,BREAKLINE
12104,917164.3370,356905.3020,1290.1820,TOP OF OPENING
12105,917164.1270,356906.3270,1289.9660,BREAKLINE
12106,917162.6280,356915.0390,1290.3590,BREAKLINE
12107,917160.8200,356925.3060,1290.5030,BREAKLINE
12108,917161.1510,356904.8380,1288.1110,FL ES
12109,917137.8450,356904.2020,1287.9300,FL DITCH
12110,917116.1070,356904.6890,1287.9220,FL DITCH

COMP.

CK.

DATE 10/31/2007

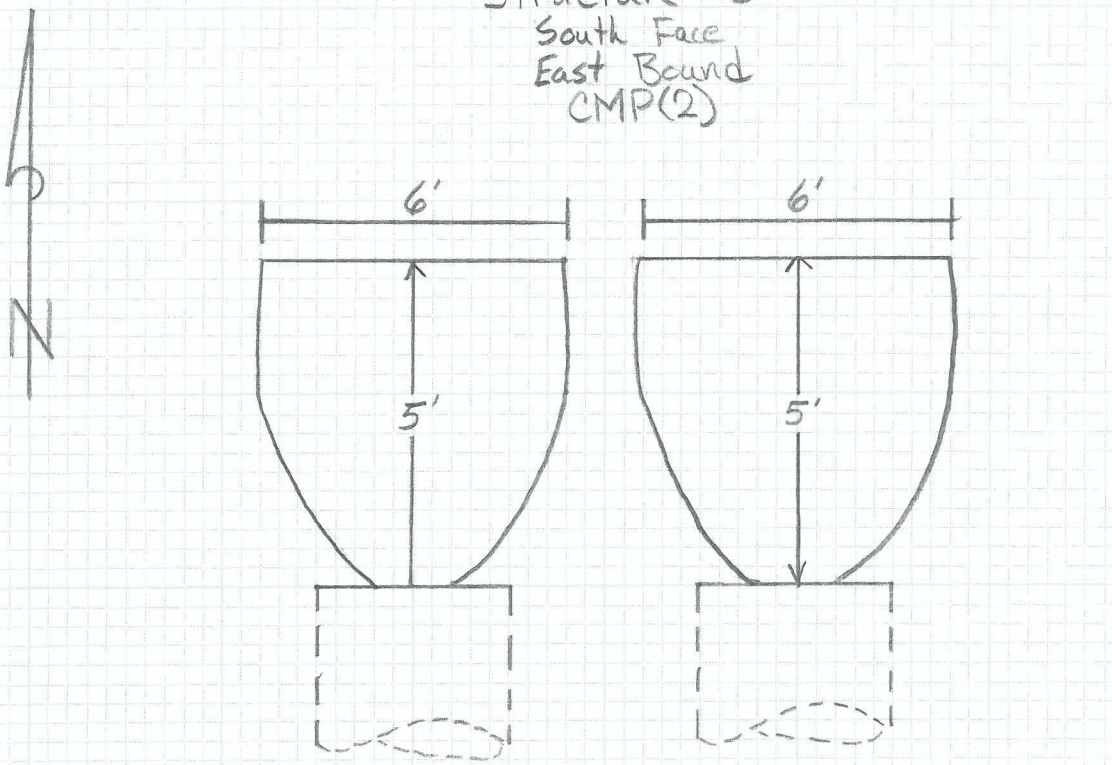
WILSON & COMPANY

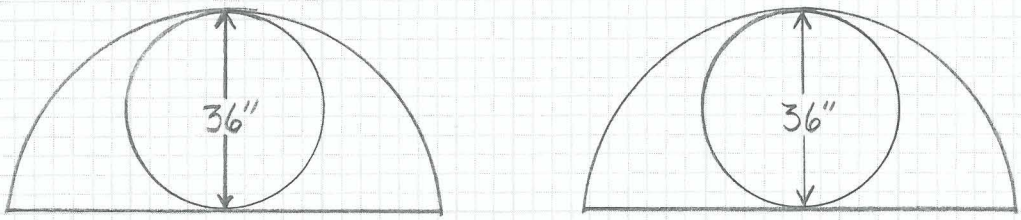
LOC. FILE

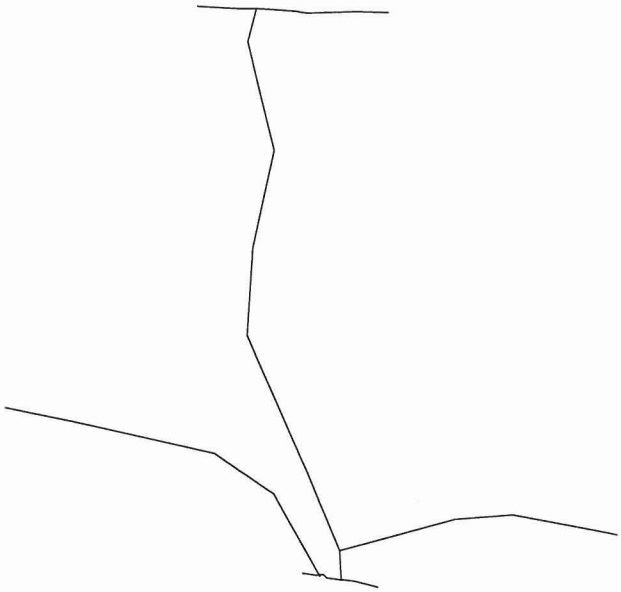
PROJ. SHEET

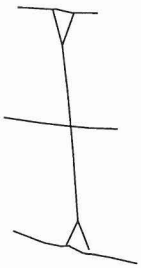
SUBJ. OF

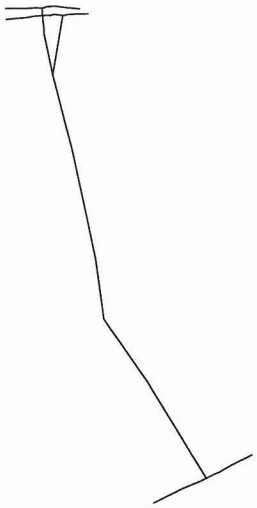
Structure #8
South Face
East Bound
CMP(2)











(9)

W&C

Sta. 4633+95.00

Structure #9
Station 4633+95.00

(North of I-10)
2871,917338.7860,356603.3430,1291.8200,BREAKLINE
2872,917341.4440,356593.0030,1291.6970,BREAKLINE
2873,917341.9440,356588.6470,1291.9250,BREAKLINE
2874,917341.9700,356588.0520,1289.1880,BREAKLINE
2875,917342.0700,356586.2160,1289.1830,BREAKLINE
2876,917342.2360,356585.3470,1291.7380,BREAKLINE
2877,917342.7710,356581.1820,1291.6860,BREAKLINE
2878,917344.3120,356579.6090,1289.2320,BREAKLINE
2879,917343.9720,356576.6290,1289.1200,BREAKLINE
2880,917344.1010,356575.6300,1291.3750,BREAKLINE
2881,917344.8670,356570.5210,1291.8230,BREAKLINE
2882,917343.0260,356578.2730,1291.9680,TOP OF OPENING
2883,917343.3580,356578.3150,1289.0230,RCP
2884,917341.8980,356587.4250,1288.8330,RCP
2885,917354.6610,356586.6470,1289.3090,FL DITCH
2886,917368.2130,356636.6810,1290.3120,FL DITCH
2887,917370.0970,356661.5090,1290.5500,FL DITCH
2888,917361.3760,356707.1150,1291.1610,FL DITCH
2889,917390.2270,356571.8270,1289.6220,FL DITCH
2890,917393.5440,356570.2650,1288.8750,FL DITCH
2891,917410.2690,356562.9250,1290.4900,FL DITCH
2892,917447.8630,356546.2380,1290.8590,FL DITCH
2893,917485.7730,356548.5680,1290.8780,FL DITCH
2894,917528.0770,356557.6790,1291.1040,FL DITCH
2895,917575.2890,356545.9580,1291.5140,FL DITCH
2896,917589.8200,356549.7500,1291.5050,FL DITCH
2897,917590.6650,356524.1800,1292.5810,BREAKLINE
2898,917589.9730,356535.1300,1292.0650,BREAKLINE
2899,917589.5750,356543.0980,1292.1550,BREAKLINE
2900,917589.6030,356549.4810,1291.4720,BREAKLINE
2901,917589.3390,356554.3740,1292.2390,BREAKLINE
2902,917588.4040,356566.9640,1292.2770,BREAKLINE
2903,917587.9400,356569.4350,1291.6300,BREAKLINE
2904,917587.6720,356571.6130,1291.8070,BREAKLINE
2905,917587.7380,356575.0690,1292.5490,BREAKLINE
2906,917588.3550,356593.0200,1292.9850,BREAKLINE
2907,917587.9170,356606.7600,1293.1000,BREAKLINE
2908,917379.0820,356558.1450,1290.4600,FL DITCH
2909,917396.7480,356532.2600,1290.6780,FL DITCH
2910,917410.6050,356470.7220,1292.0290,FL DITCH
2911,917416.6200,356441.6310,1292.3660,FL DITCH
2912,917341.6080,356587.4550,1291.8970,TOP OF OPENING
2913,917346.9040,356586.9760,1288.8680,FL ES
2914,917348.1770,356577.7500,1288.9270,FL ES

(Middle of I-10)
5199,917134.9070,356567.5600,1289.5020,BREAKLINE
5200,917129.7050,356580.9810,1289.9290,BREAKLINE
5201,917128.2600,356588.1170,1289.9810,BREAKLINE
5202,917128.3750,356589.6930,1287.2840,BREAKLINE
5203,917128.1300,356590.5970,1287.1550,RCP
5204,917133.0660,356591.2270,1287.2190,FL ES
5205,917128.5250,356591.6800,1287.2660,BREAKLINE
5206,917127.9080,356590.8010,1290.2260,TOP OF OPENING
5207,917128.0160,356592.3520,1289.8890,BREAKLINE
5208,917125.3300,356597.6600,1290.0430,BREAKLINE
5210,917124.9480,356600.1670,1287.1420,BREAKLINE
5211,917124.8470,356602.1610,1290.0870,BREAKLINE
5212,917123.5350,356609.6290,1289.4350,BREAKLINE
5213,917124.3700,356600.1690,1290.3170,TOP OF OPENING

5214,917120.8890,356621.0770,1288.9870,BREAKLINE
12077,917231.5910,356569.3520,1290.4320,BREAKLINE
12078,917230.7820,356582.9550,1290.8570,BREAKLINE
12079,917230.7040,356584.3910,1288.2400,BREAKLINE
12080,917230.8120,356585.7470,1290.8020,BREAKLINE
12081,917229.2690,356592.2610,1290.6510,BREAKLINE
12082,917229.1050,356593.6650,1287.8960,BREAKLINE
12083,917229.1210,356594.7230,1290.9020,BREAKLINE
12084,917229.0710,356603.9570,1291.0030,BREAKLINE
12085,917226.6350,356585.1500,1288.1120,FL ES
12086,917224.3240,356594.6620,1288.0280,FL ES
12087,917214.9880,356588.6620,1287.9290,FL DITCH
12088,917194.4230,356591.0570,1287.7860,FL DITCH
12089,917168.3180,356593.4310,1287.6440,FL DITCH
12090,917139.2340,356595.4670,1286.8380,FL DITCH
12091,917126.8670,356600.2870,1286.8450,FL DITCH
12092,917128.6460,356590.4540,1286.9400,FL DITCH
12093,917230.9650,356584.4160,1290.9740,TOP OF OPENING
12094,917229.3480,356593.5440,1290.8950,TOP OF OPENING
12095,917184.0190,356563.4940,1289.2130,BREAKLINE
12096,917181.6440,356579.1540,1288.7400,BREAKLINE
12097,917180.4510,356589.7310,1287.7370,BREAKLINE
12098,917179.4710,356600.0540,1287.7950,BREAKLINE
12099,917178.9890,356612.6210,1288.3180,BREAKLINE

(South of I-10)
3078,917036.6740,356579.5150,1288.5180,BREAKLINE
3079,917036.7390,356588.1180,1288.8220,BREAKLINE
3080,917036.8280,356590.2010,1288.4610,BREAKLINE
3081,917037.0250,356593.1180,1289.1890,BREAKLINE
3082,917036.8950,356594.5990,1286.6290,BREAKLINE
3083,917037.0420,356596.4670,1286.6370,BREAKLINE
3084,917037.4650,356597.0730,1289.5580,BREAKLINE
3085,917037.7490,356601.1920,1289.9390,BREAKLINE
3086,917037.1250,356605.6980,1289.9820,BREAKLINE
3087,917036.5790,356611.9490,1289.6590,BREAKLINE
3088,917037.4500,356595.5030,1289.6290,TOP OF OPENING
3089,917037.1290,356595.5760,1286.4860,RCP
3090,917032.3380,356595.9170,1286.4120,FL ES
3091,917032.1440,356595.8610,1286.1640,FL DITCH
3092,917028.1010,356596.3720,1285.7020,FL DITCH
3093,917025.6520,356596.4360,1286.1490,FL DITCH
3094,917029.3720,356604.7780,1286.3880,FL ES
3095,917034.0810,356604.5770,1286.4350,RCP
3096,917034.4360,356615.7330,1289.3980,BREAKLINE
3097,917034.3610,356610.5350,1289.1930,BREAKLINE
3098,917034.1270,356606.4790,1289.4560,BREAKLINE
3099,917033.8540,356605.5260,1286.5740,BREAKLINE
3100,917033.7260,356603.5640,1286.5270,BREAKLINE
3101,917033.9790,356602.8870,1288.7790,BREAKLINE
3102,917034.1820,356600.6530,1288.1090,BREAKLINE
3103,917033.7060,356598.8130,1287.9560,BREAKLINE
3104,917033.8630,356597.9850,1286.3570,BREAKLINE
3105,917033.4390,356593.6170,1286.3520,BREAKLINE
3106,917033.5160,356593.0670,1287.7110,BREAKLINE
3107,917032.6970,356588.0120,1288.2270,BREAKLINE
3108,917031.9970,356579.8610,1287.5170,BREAKLINE
3109,917008.0220,356600.1530,1286.2100,FL DITCH
3110,916975.0890,356608.7200,1285.8450,FL DITCH
3111,916928.9630,356618.6590,1285.3030,FL DITCH
3112,916902.5410,356622.2070,1285.0570,FL DITCH
3113,916875.5330,356641.0330,1284.9510,FL DITCH
3114,916833.8390,356666.4970,1284.7460,FL DITCH
3115,916844.0150,356686.4300,1285.1870,BREAKLINE
3116,916839.5780,356677.4000,1285.2610,BREAKLINE
3117,916836.4610,356671.9830,1285.1230,BREAKLINE

#8 WB NS @ 200'

#8 WB NS CLOSE

#8 WB NS MEDIAN

#8 EB SS MEDIAN

#8 EB SS @ 200'

#8 EB SS CLOSE

COMP.

CK.

DATE 10/25/07

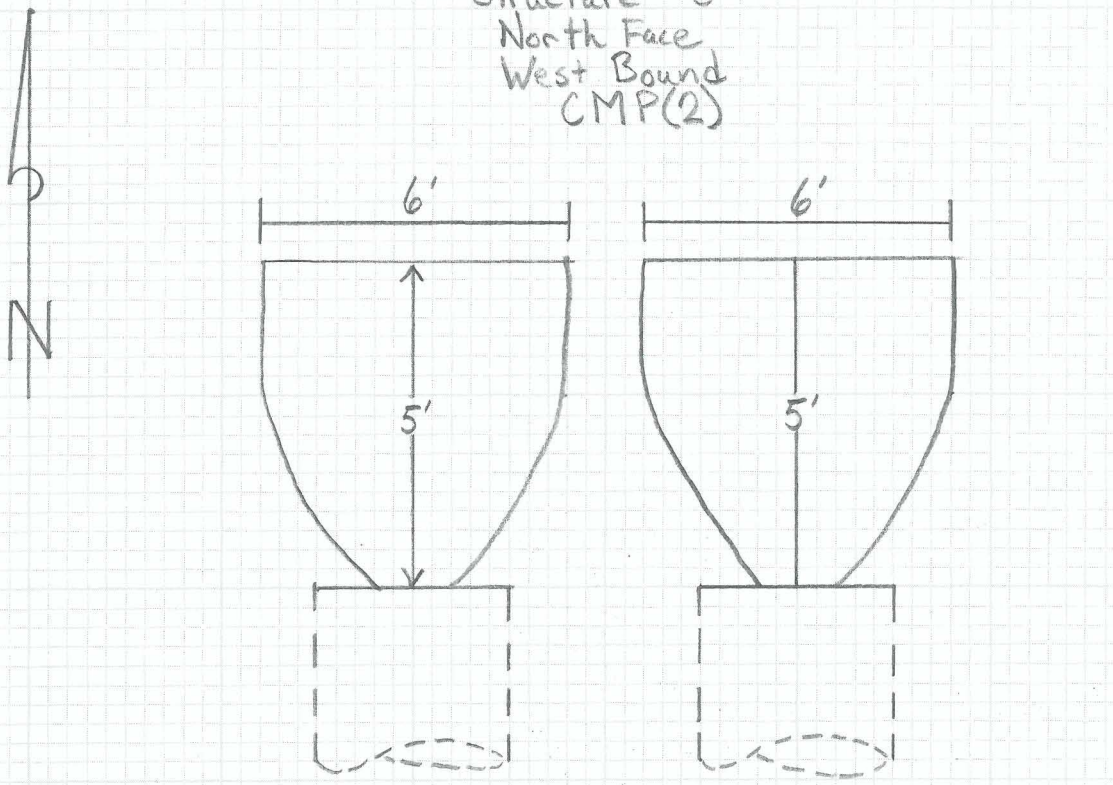
WILSON & COMPANY

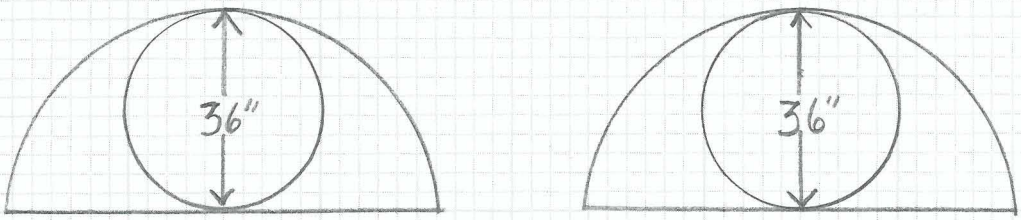
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #8
North Face
West Bound
CMP(2)





COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-14-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

H. BEJARANO

SURVEY DRAINAGE STRUCTURE #8

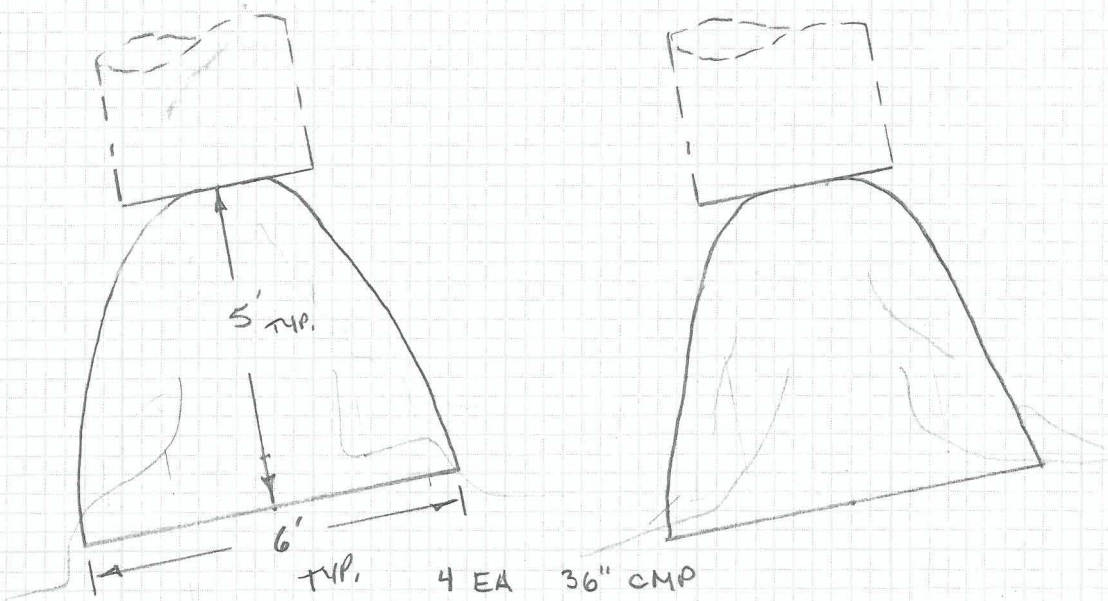
MEDIAN

✓ PICTURES

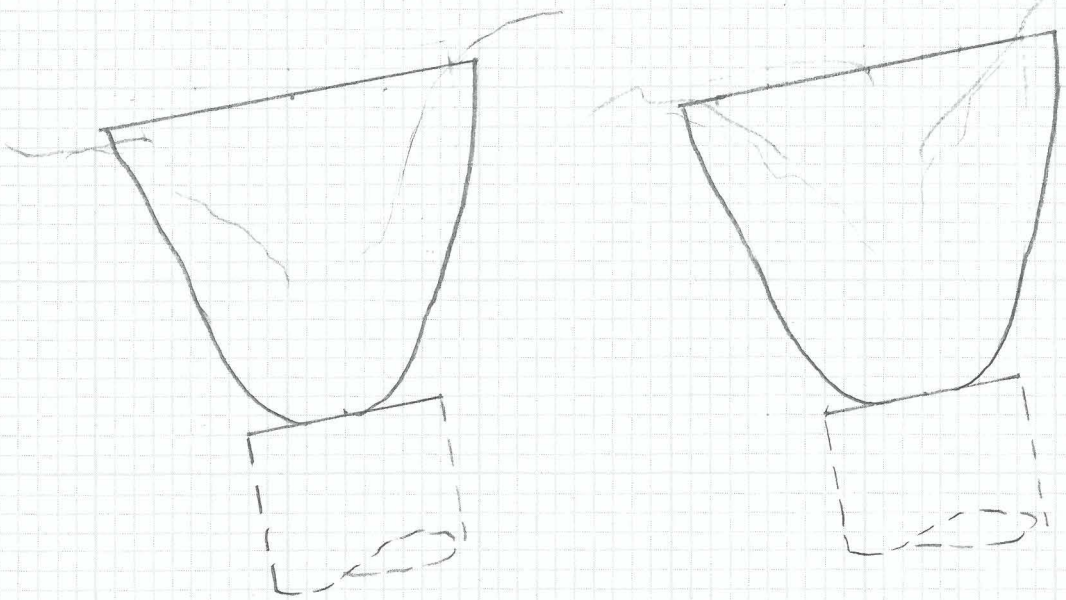
145 FACING NORTH 0137

146 FACING SOUTH 0138

WEST BOUND



4 EA 36" CMP



EAST BOUND

COMP. | LOC. | FILE

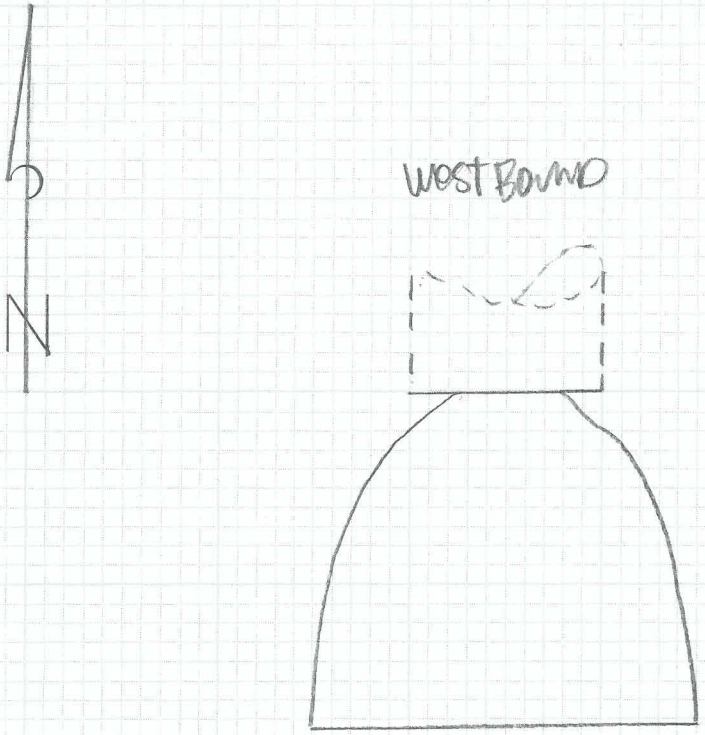
WILSON & COMPANY

CK. | PROJ. | SHEET

DATE | SUBJ. | OF

SURVEY DRAINAGE STRUCTURE #"7"

MEDIAN



COMP.

CK.

DATE 2/5/08

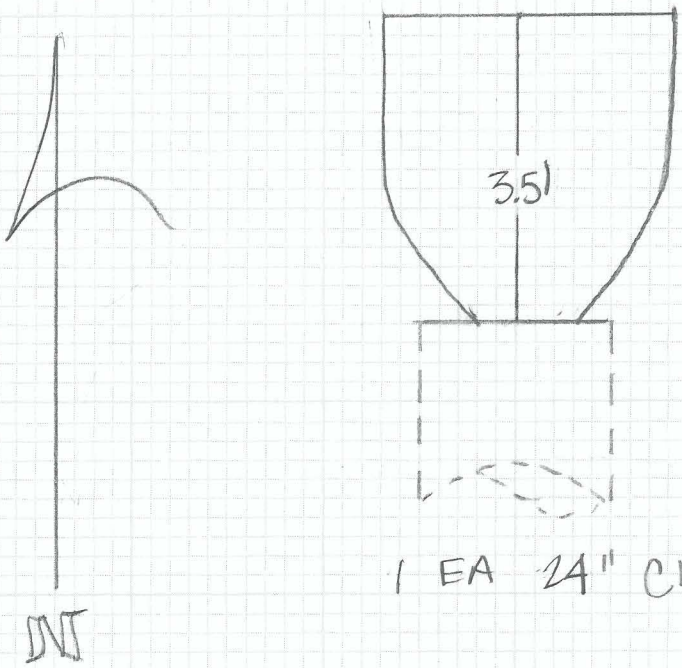
WILSON & COMPANY

LOC. FILE

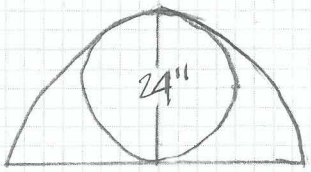
PROJ. SHEET

SUBJ. OF

STRUCTURE "7" NORTH DPA



1 EA 24" CMP



NORTH FACE
WEST BOUND

PRINTED ON RECYCLED PAPER

COMP.

CK.

DATE 2/5/08

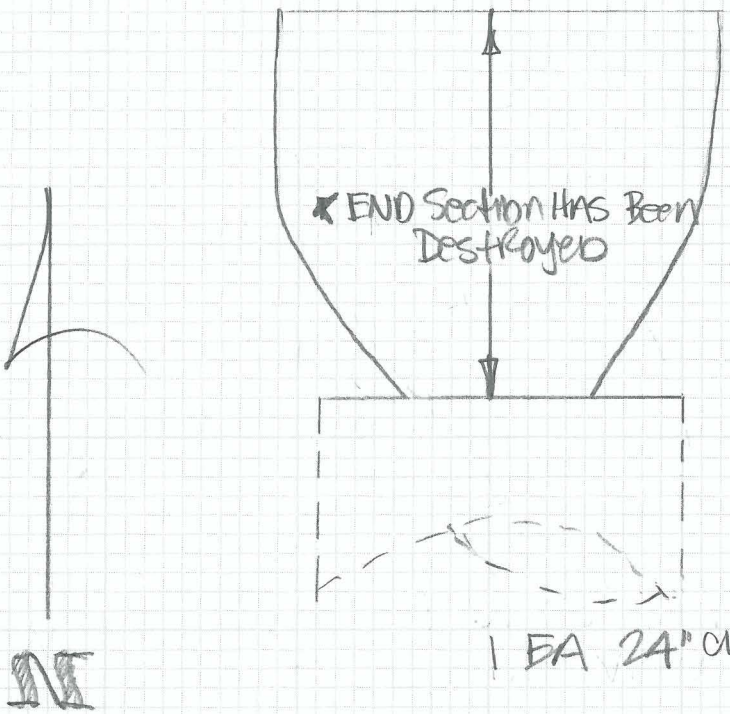
WILSON & COMPANY

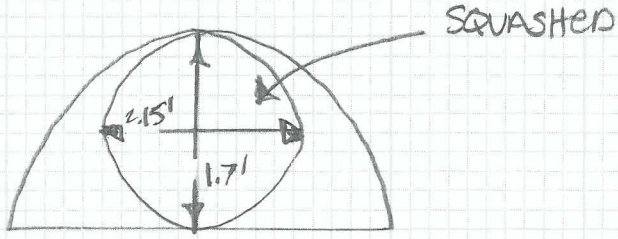
LOC. FILE

PROJ. SHEET

SUBJ. OF

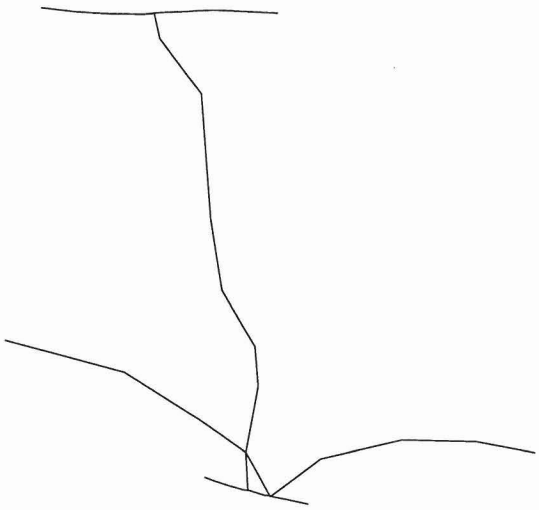
Structure "7" South DPA

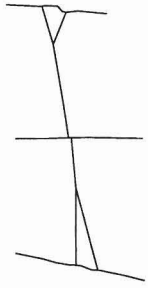


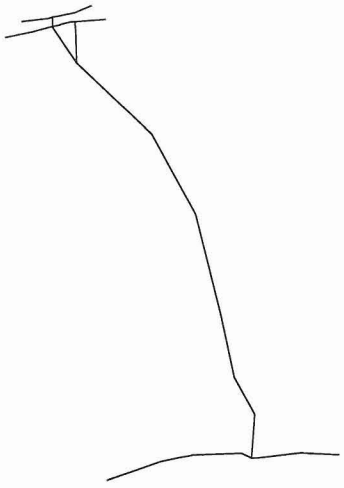


South Face
East Bound

PRINTED ON RECYCLED PAPER







8

W&C

Sta. 4629+40.00

Structure #8
Station 4624+40.00

(North of I-10)
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2916,917442.3630,356126.2270,1293.0300,BREAKLINE
2917,917443.1840,356121.9100,1292.9130,BREAKLINE
2918,917443.3380,356120.8670,1292.7260,BREAKLINE
2919,917443.2540,356119.8970,1292.7530,TOP OF OPENING
2920,917445.4260,356110.0290,1292.8560,TOP OF OPENING
2921,917443.7130,356120.5720,1289.9010,BREAKLINE
2922,917444.0650,356117.9560,1290.1430,BREAKLINE
2923,917443.9340,356117.4600,1292.2300,BREAKLINE
2924,917445.7040,356111.7970,1292.2260,BREAKLINE
2925,917446.1010,356110.7070,1290.0390,BREAKLINE
2926,917446.3660,356108.4140,1290.0950,BREAKLINE
2927,917446.5520,356107.5850,1292.5130,BREAKLINE
2928,917448.2930,356101.3170,1293.0040,BREAKLINE
2929,917450.4860,356094.7120,1293.2730,BREAKLINE
2930,917451.8460,356091.1630,1293.6030,BREAKLINE
2931,917445.9510,356109.9610,1289.8270,RCP
2932,917443.3900,356119.6520,1289.7080,RCP
2933,917448.4950,356119.2930,1289.7990,FL ES
2934,917450.6320,356109.2640,1289.9190,FL ES
2935,917459.8010,356141.4430,1291.5910,FL DITCH
2936,917468.0420,356176.7180,1292.7630,FL DITCH
2937,917467.3910,356208.7320,1292.4470,FL DITCH
2938,917462.5320,356234.4680,1292.1920,FL DITCH
2939,917462.5450,356108.9960,1290.5820,FL DITCH
2940,917491.1330,356114.0500,1290.9280,FL DITCH
2941,917508.3940,356112.5680,1291.3540,FL DITCH
2942,917532.7700,356098.1820,1291.2670,FL DITCH
2943,917563.8090,356093.1050,1291.6530,FL DITCH
2944,917618.1150,356088.7770,1292.1780,FL DITCH
2945,917641.9670,356070.8640,1292.5330,FL DITCH
2946,917652.9380,356068.2810,1292.6650,FL DITCH
2947,917653.0630,356121.6050,1294.3110,BREAKLINE
2948,917654.2200,356096.7910,1293.3440,BREAKLINE
2949,917654.2450,356092.2210,1293.4250,BREAKLINE
2950,917653.9650,356086.8710,1292.9490,BREAKLINE
2951,917653.6020,356082.3380,1293.6020,BREAKLINE
2952,917653.2510,356072.3100,1293.5640,BREAKLINE
2953,917653.0620,356069.7250,1292.6870,BREAKLINE
2954,917652.8640,356067.8170,1292.6070,BREAKLINE
2955,917652.5220,356064.0050,1293.6530,BREAKLINE
2956,917652.6390,356050.3340,1293.3910,BREAKLINE
2957,917652.9920,356040.9370,1293.2300,BREAKLINE
2958,917653.4490,356033.6400,1294.3600,BREAKLINE
2959,917655.1590,356019.0120,1294.7290,BREAKLINE
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2961,917497.1600,356056.3630,1291.9810,FL DITCH
2962,917511.0030,356004.1800,1292.4180,FL DITCH

(Middle of I-10)
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5176,917224.6700,356126.2640,1291.6830,BREAKLINE
5177,917222.9450,356132.3860,1291.6630,BREAKLINE
5178,917221.9350,356138.3970,1290.8750,BREAKLINE
5179,917222.0530,356139.4710,1288.3680,BREAKLINE
5180,917221.4400,356140.9260,1287.9220,RCP
5181,917221.8370,356141.6710,1288.0950,BREAKLINE
5182,917221.6270,356143.0870,1290.7110,BREAKLINE
5183,917219.8010,356147.9230,1290.5370,BREAKLINE
5184,917219.4680,356150.4600,1287.7450,RCP

5185,917219.7290,356151.2280,1287.9660,BREAKLINE
5186,917219.4440,356152.3180,1290.9890,BREAKLINE
5187,917217.4290,356162.1450,1291.1220,BREAKLINE
5188,917215.2940,356170.7250,1292.0110,BREAKLINE
5189,917222.9890,356150.1820,1287.9810,FL ES
5190,917226.3920,356140.6070,1288.1310,FL ES
5191,917255.5070,356140.7550,1288.7110,FL DITCH
5192,917276.7480,356138.7220,1288.6550,FL DITCH
5193,917276.6890,356169.6590,1290.7790,BREAKLINE
5194,917276.8810,356154.9490,1290.1070,BREAKLINE
5195,917277.0200,356146.4950,1289.2690,BREAKLINE
5196,917276.9320,356138.8340,1288.6090,BREAKLINE
5197,917276.5720,356128.5660,1289.4810,BREAKLINE
5198,917276.5470,356114.4130,1290.2620,BREAKLINE
12062,917334.4450,356110.2160,1292.2500,BREAKLINE
12063,917333.8010,356124.2960,1291.9670,BREAKLINE
12064,917333.7860,356125.6940,1289.2760,BREAKLINE
12065,917334.0940,356126.5620,1291.9030,BREAKLINE
12066,917334.0420,356125.9140,1291.8970,TOP OF OPENING
12067,917333.8950,356132.4350,1292.3560,BREAKLINE
12068,917331.5810,356134.6070,1291.5780,BREAKLINE
12069,917331.2440,356136.2130,1289.5270,BREAKLINE
12070,917331.8020,356141.3010,1292.0030,BREAKLINE
12071,917330.6320,356153.9210,1293.3630,BREAKLINE
12072,917330.5210,356126.1830,1289.2060,FL ES
12073,917327.4510,356136.9950,1288.9360,FL ES
12074,917317.3290,356130.6810,1289.4790,FL DITCH
12075,917291.9530,356135.1400,1289.1050,FL DITCH
12076,917277.0640,356137.4480,1288.7210,FL DITCH

(South of I-10)
10879,917132.1410,356176.7020,1291.4300,BREAKLINE
10880,917131.2530,356164.7930,1290.2000,BREAKLINE
10881,917131.1640,356163.2740,1287.0930,BREAKLINE
10882,917130.9810,356161.2620,1289.4590,BREAKLINE
10883,917130.0220,356157.3020,1288.2540,BREAKLINE
10884,917129.6770,356156.5990,1286.9430,BREAKLINE
10885,917128.6280,356151.8390,1287.2370,BREAKLINE
10886,917126.7410,356144.9670,1289.7060,BREAKLINE
10887,917124.2310,356132.9820,1289.3100,BREAKLINE
10888,917131.1460,356140.1100,1290.0580,BREAKLINE
10889,917132.5230,356151.8500,1289.9350,BREAKLINE
10890,917133.1410,356153.5740,1286.9350,BREAKLINE
10891,917133.4800,356155.8070,1289.7270,BREAKLINE
10892,917134.9930,356163.0750,1290.9680,BREAKLINE
10893,917138.1030,356170.5090,1291.5290,BREAKLINE
10894,917131.3640,356163.1710,1290.1180,TOP OF OPENING
10895,917133.5970,356153.9490,1290.1800,TOP OF OPENING
10896,917126.1520,356163.6460,1287.3330,FL DITCH
10897,917128.6890,356153.6130,1287.0260,FL DITCH
10898,917113.2670,356164.0580,1286.9440,FL DITCH
10899,917082.7000,356196.6000,1286.7460,FL DITCH
10900,917047.9290,356215.6970,1286.1460,FL DITCH
10901,917005.3470,356226.5220,1285.4870,FL DITCH
10902,916977.4620,356232.5440,1285.4750,FL DITCH
10903,916961.5580,356241.4260,1285.7030,FL DITCH
10904,916944.3560,356278.2050,1287.2720,BREAKLINE
10905,916944.8460,356265.1330,1286.5150,BREAKLINE
10906,916945.1370,356261.4860,1285.6300,BREAKLINE
10907,916944.5620,356256.8450,1286.5910,BREAKLINE
10908,916942.8340,356242.6860,1286.3350,BREAKLINE
10909,916942.7920,356240.0390,1284.8080,BREAKLINE
10910,916944.8650,356235.6720,1286.7890,BREAKLINE
10911,916944.2630,356217.1830,1286.4730,BREAKLINE
10912,916944.1060,356214.3460,1285.6460,BREAKLINE
10913,916943.7440,356212.9690,1285.5380,BREAKLINE

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10914,916943.1350,356209.1350,1285.9250,BREAKLINE
10915,916941.3080,356200.5990,1287.9460,BREAKLINE
10916,916933.1860,356177.4100,1288.0680,BREAKLINE
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COMP.

CK.

DATE 2/5/08

WILSON & COMPANY

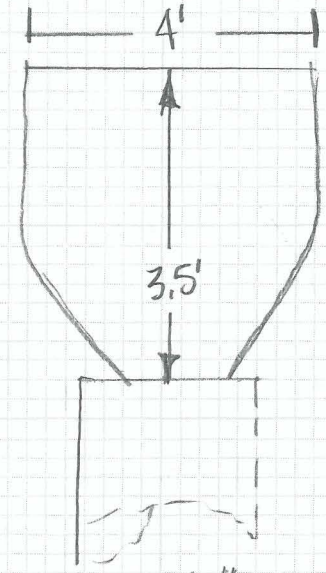
LOC. FILE

PROJ. SHEET

SUBJ. OF

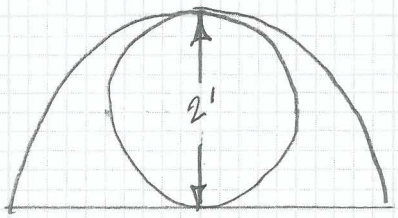
STRUCTURE "6"

DPA



1 EA 24" CMP

Plan View



North Face

West Bound

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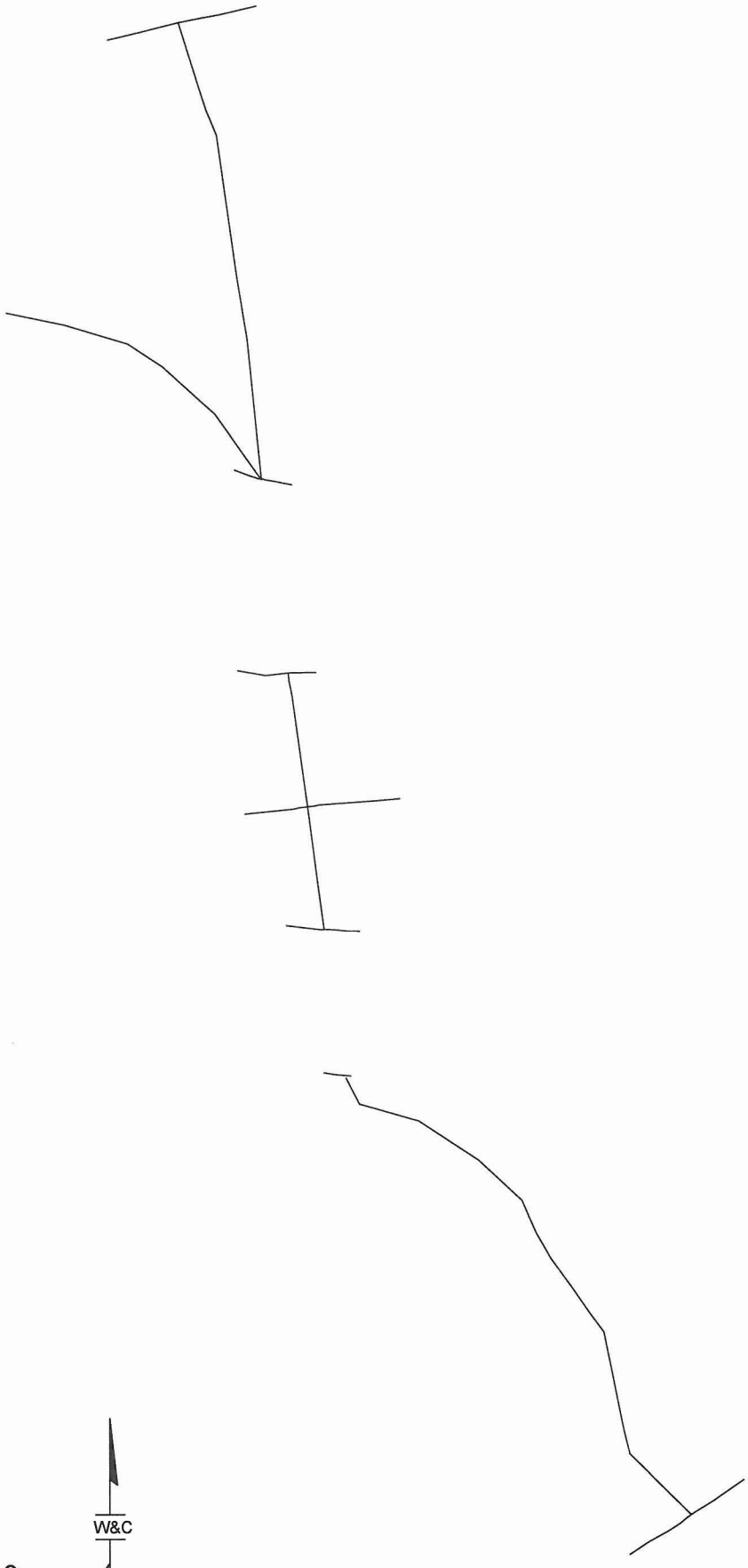

7

Sta. 4624+00.00

Structure #7
Station 4624+00.00

(North of I-10)
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2964,917543.6320,355596.6400,1296.6510,BREAKLINE
2965,917544.3700,355592.1930,1296.2130,BREAKLINE
2966,917544.8070,355590.9000,1294.5810,BREAKLINE
2967,917544.9600,355589.2830,1295.0450,BREAKLINE
2968,917545.0150,355588.7160,1296.3630,BREAKLINE
2969,917546.3150,355584.6780,1296.5580,BREAKLINE
2970,917549.1950,355576.9280,1296.5630,BREAKLINE
2971,917544.0290,355590.5660,1296.7510,TOP OF OPENING
2972,917544.3460,355590.3750,1294.6770,RCP
2973,917547.5490,355589.9230,1294.8130,FL ES
2974,917576.3460,355567.3290,1296.2600,FL DITCH
2975,917599.3360,355541.9230,1297.0200,FL DITCH
2976,917610.5620,355524.8420,1297.2310,FL DITCH
2977,917619.8500,355493.5740,1297.6430,FL DITCH
2978,917625.6990,355465.4290,1298.0260,FL DITCH
2979,917612.9480,355583.0740,1296.1460,FL DITCH
2980,917644.4520,355577.6150,1296.4900,FL DITCH
2981,917712.3470,355567.5320,1297.0270,FL DITCH
2982,917724.5920,355562.5090,1297.0370,FL DITCH
2983,917766.9830,355548.9110,1297.8310,FL DITCH
2984,917758.7450,355514.0370,1298.1280,BREAKLINE
2985,917763.1490,355532.3280,1297.9320,BREAKLINE
2986,917767.2340,355548.5360,1297.7810,BREAKLINE
2987,917771.3210,355568.9380,1298.3350,BREAKLINE
2988,917775.4800,355586.8990,1298.2850,BREAKLINE

(Middle of I-10)
11133,917324.9200,355638.9040,1294.4830,BREAKLINE
11134,917324.9360,355632.6010,1294.3740,BREAKLINE
11135,917325.4310,355628.0890,1294.5420,BREAKLINE
11136,917325.7690,355622.5590,1294.9780,BREAKLINE
11137,917325.7480,355621.5030,1292.9820,BREAKLINE
11138,917325.6000,355620.2310,1295.1700,BREAKLINE
11139,917326.2430,355614.2890,1294.4870,BREAKLINE
11140,917327.6150,355602.8100,1294.2690,BREAKLINE
11141,917328.8350,355621.0820,1293.0270,FL DITCH
11142,917356.2320,355617.3270,1292.9240,FL DITCH
11143,917389.2870,355658.5740,1295.3390,BREAKLINE
11144,917388.1900,355646.2480,1295.1730,BREAKLINE
11145,917386.2030,355618.8680,1293.5230,BREAKLINE
11146,917385.7790,355617.2100,1293.1930,BREAKLINE
11147,917385.2970,355613.4040,1293.2160,FL DITCH
11148,917384.8900,355609.5570,1293.2550,BREAKLINE
11149,917384.1650,355606.5070,1293.5690,BREAKLINE
11150,917381.7120,355582.5340,1293.9020,BREAKLINE
11151,917412.2630,355609.5590,1293.2550,FL DITCH
11152,917438.4970,355605.7910,1293.6200,FL DITCH
11153,917447.0380,355603.9910,1293.4360,FL DITCH
11154,917447.2240,355604.0630,1293.7580,FL DITCH
11155,917450.6660,355617.4840,1296.1170,BREAKLINE
11156,917450.4170,355604.4650,1295.6900,BREAKLINE
11157,917450.3580,355603.6410,1293.6700,FL DITCH
11158,917450.2590,355602.8780,1295.6760,BREAKLINE
11159,917449.1090,355592.6400,1294.5320,BREAKLINE
11160,917451.4680,355578.8730,1294.7120,BREAKLINE
11161,917450.5200,355603.6980,1295.8920,TOP OF OPENING
11162,917325.5100,355621.5250,1295.0910,TOP OF OPENING

(South of I-10)
10854,917256.1310,355621.3080,1294.1690,BREAKLINE
10855,917255.1400,355627.4230,1294.6630,BREAKLINE
10856,917254.2990,355631.8420,1294.3930,TOP OF OPENING
10857,917253.7600,355632.1210,1292.4540,RCP
10858,917253.6910,355632.1440,1292.4250,FL DITCH
10859,917254.5600,355634.7180,1294.4390,BREAKLINE
10860,917251.6830,355633.0800,1292.3140,FL ES
10861,917240.9670,355638.8190,1291.7690,FL DITCH
10862,917232.8370,355667.5490,1291.0590,FL DITCH
10863,917213.6430,355696.8980,1290.7170,FL DITCH
10864,917194.1620,355717.9540,1290.6100,FL DITCH
10865,917178.5270,355724.9170,1290.3290,FL DITCH
10866,917166.3190,355731.9310,1289.9850,FL DITCH
10867,917130.1740,355758.1450,1290.0220,FL DITCH
10868,917082.8390,355767.9890,1289.0260,FL DITCH
10869,917070.9310,355770.9730,1288.8890,FL DITCH
10870,917041.6910,355800.7330,1288.5190,FL DITCH
10871,917022.2140,355770.8070,1289.2940,BREAKLINE
10872,917028.4650,355780.2440,1288.6560,BREAKLINE
10873,917033.8420,355790.0050,1288.9500,BREAKLINE
10874,917037.2680,355795.3150,1289.0400,BREAKLINE
10875,917040.2530,355798.9230,1288.6580,BREAKLINE
10876,917042.5500,355802.1960,1288.5710,BREAKLINE
10877,917048.3420,355811.6360,1289.1730,BREAKLINE
10878,917058.7340,355826.6310,1290.0940,BREAKLINE

#7 NB NS @ 200'

#7 NB NS CLOSE

#7 EB SS MEDIAN

#7 WB NS MEDIAN

#7 EB SS @ 200'

#7 EB SS CLOSE

12111,917093.3610,356904.3260,1287.7580,FL DITCH
12112,917075.2810,356903.4930,1287.5320,FL DITCH
12113,917060.7380,356902.7290,1287.3440,FL DITCH

(South of I-10)
3122,916974.7090,356885.8110,1288.2830,BREAKLINE
3123,916974.8170,356893.1110,1288.5000,BREAKLINE
3124,916974.6450,356897.3120,1288.6160,BREAKLINE
3125,916974.4760,356898.4900,1286.7200,BREAKLINE
3126,916974.4250,356899.2120,1286.6260,BREAKLINE
3127,916974.6210,356899.6360,1288.6460,BREAKLINE
3128,916974.4950,356903.7940,1288.8660,BREAKLINE
3129,916973.3790,356910.1700,1288.6780,BREAKLINE
3130,916974.7340,356898.7490,1288.7210,TOP OF OPENING
3131,916974.3580,356898.9090,1286.6750,RCP
3132,916971.2070,356898.8010,1286.6030,FL ES
3133,916966.7000,356898.6770,1286.3030,FL DITCH
3134,916927.9620,356898.5820,1286.0790,FL DITCH
3135,916899.9010,356890.2860,1285.9030,FL DITCH
3136,916865.3170,356881.8860,1285.4470,FL DITCH
3137,916827.8490,356869.9900,1284.9550,FL DITCH
3138,916786.2850,356853.4200,1284.5640,FL DITCH
3139,916789.8550,356827.2860,1284.8680,BREAKLINE
3140,916787.4570,356842.7020,1284.7340,BREAKLINE
3141,916785.8590,356853.3700,1284.3580,BREAKLINE
3142,916784.7960,356862.9460,1284.7160,BREAKLINE
3143,916781.7130,356884.6780,1284.5870,BREAKLINE

#10 WB NS @ 200'

#10 WB NS CLOSE

#10 WB NS MEDIAN

#10 EB SS MEDIAN

#10 EB SS CLOSE

#10 EB SS @ 200'

COMP.

CK.

DATE 10/24/07

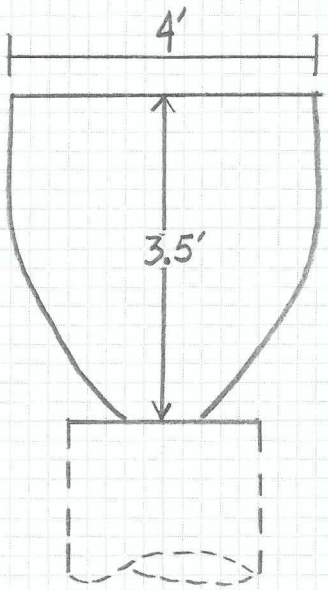
WILSON & COMPANY

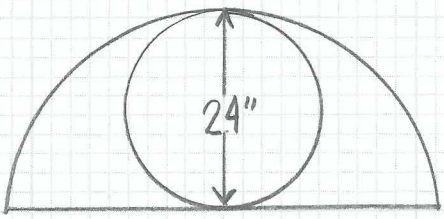
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #10
North Face
West Bound
CMP





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COMP.

CK.

DATE 11-14-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

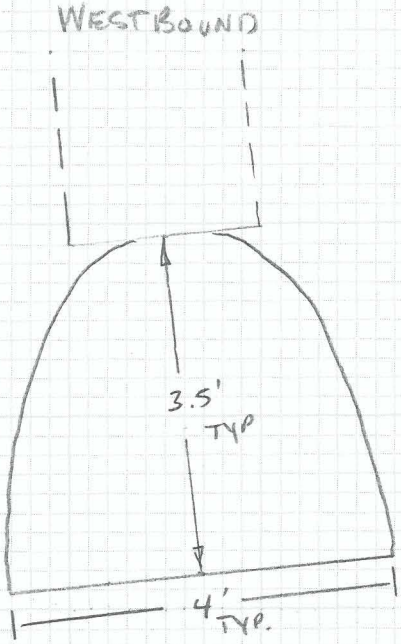
SURVEY DRAINAGE STRUCTURE # 10

MEDIAN

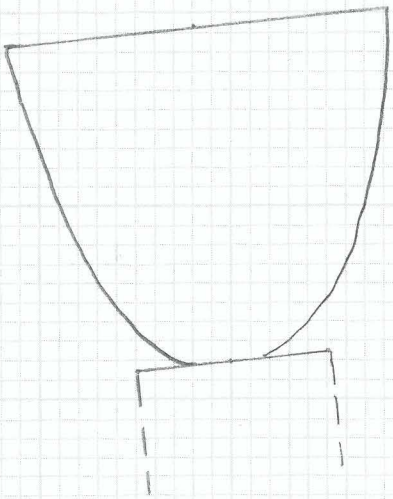
H. BEJARANO

PICTURES

minolta
- 149 FACING NORTH 0141
- 150 FACING SOUTH 0142



2 EA 24" CMP



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-01-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER 3122 ~ 3143

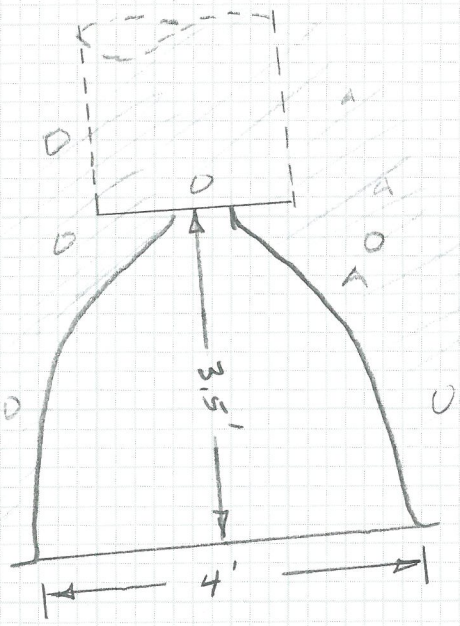
H. BELALCAZAR
D. ACOSTA

SURVEY DRAINAGE STRUCTURE # 10

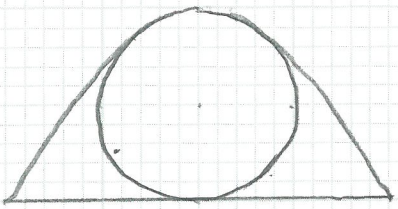
PICTURES

18	200'	0010
19	100'	0011
20	CLOSE	0012

n/a/n/a



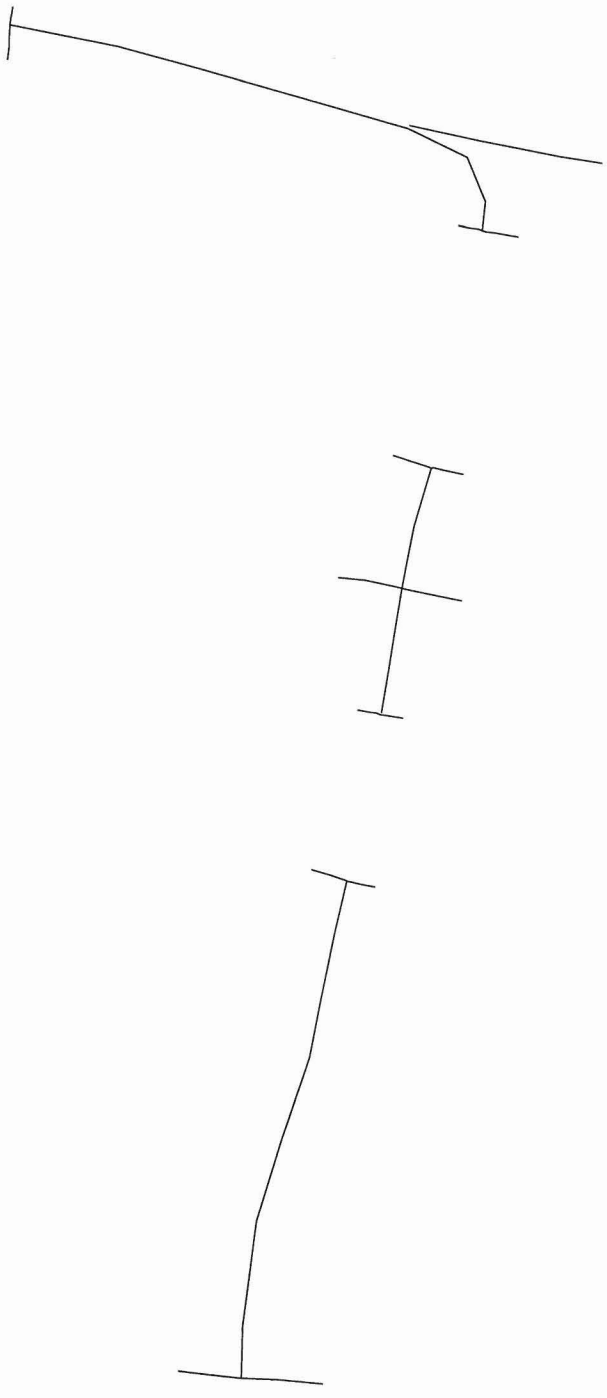
PLAN VIEW



1 EA. 24" CMP

SOUTH FACE

EAST BOUND



11

Sta. 4639+60.00

Structure #11
Station 4639+60.00

(North of I-10)
2807,917205.0190,357215.2910,1289.8150,BREAKLINE
2808,917206.8630,357205.1720,1290.0700,BREAKLINE
2809,917207.3360,357201.1900,1289.7920,BREAKLINE
2810,917207.5870,357200.4760,1288.0890,BREAKLINE
2811,917208.0950,357199.1620,1288.0730,BREAKLINE
2812,917208.4390,357198.3380,1289.8380,BREAKLINE
2813,917209.0540,357193.8430,1289.5880,BREAKLINE
2814,917210.0280,357189.5190,1289.6180,BREAKLINE
2815,917207.4380,357199.7890,1289.9450,TOP OF OPENING
2816,917207.7210,357199.7730,1287.8420,RCP
2817,917210.6870,357200.6340,1288.0240,FL ES
2818,917220.4060,357201.1030,1288.4600,FL DITCH
2819,917239.5940,357193.1720,1289.3020,FL DITCH
2820,917252.1500,357167.5590,1288.8690,FL DITCH
2821,917265.2880,357122.1300,1289.2970,FL DITCH
2822,917278.0180,357077.5260,1289.7850,FL DITCH
2823,917287.8940,357041.8370,1290.3890,FL DITCH
2824,917297.3520,356995.1710,1290.8720,FL DITCH
2825,917305.3650,356996.0860,1291.7660,BREAKLINE
2826,917302.1360,356995.6550,1291.7460,BREAKLINE
2827,917300.3770,356995.2560,1291.4900,BREAKLINE
2828,917298.9710,356995.1050,1290.9980,BREAKLINE
2829,917297.5420,356994.9370,1290.7960,BREAKLINE
2830,917296.4130,356994.8800,1290.8840,BREAKLINE
2831,917292.3930,356994.6780,1292.2990,BREAKLINE
2832,917288.0970,356994.6210,1291.6480,BREAKLINE
2833,917282.2970,356993.9310,1291.4740,BREAKLINE
2834,917237.0090,357251.5710,1288.8540,FL DITCH
2835,917239.9190,357232.8460,1288.8160,FL DITCH
2836,917247.0200,357197.4370,1289.3240,FL DITCH
2837,917253.4800,357168.1760,1289.0430,FL DITCH

(Middle of I-10)
5229,917000.5990,357145.9980,1289.0710,BREAKLINE
5230,916999.6550,357151.0210,1289.1700,BREAKLINE
5231,916999.2710,357154.1580,1288.9640,BREAKLINE
5232,916998.3400,357155.8430,1289.1060,TOP OF OPENING
5233,916998.5390,357155.9050,1287.0630,RCP
5234,916998.3760,357157.1780,1289.0090,BREAKLINE
5235,916996.9970,357165.8330,1288.8560,BREAKLINE
5236,917001.8420,357156.6740,1287.0270,FL ES
5237,917047.5960,357191.2400,1290.0900,BREAKLINE
5238,917050.1850,357178.8220,1288.9910,BREAKLINE
5239,917052.1460,357169.2700,1287.7970,BREAKLINE
5240,917053.9910,357161.6480,1287.6000,BREAKLINE
5241,917056.6610,357149.2570,1288.1030,BREAKLINE
5242,917057.8140,357137.5800,1288.4230,BREAKLINE
12114,917110.5920,357161.3900,1288.8940,BREAKLINE
12115,917107.2320,357171.5240,1288.8050,BREAKLINE
12116,917105.5280,357176.9070,1289.3790,BREAKLINE
12117,917104.9560,357177.9830,1287.4140,BREAKLINE
12118,917105.3770,357178.0040,1289.4650,TOP OF OPENING
12119,917105.2610,357178.8460,1289.3770,BREAKLINE
12120,917104.1830,357183.0710,1288.9880,BREAKLINE
12121,917102.2750,357191.8370,1290.0670,BREAKLINE
12122,917102.1550,357177.8590,1287.4050,FL ES
12123,917080.2630,357170.5830,1287.4620,FL DITCH
12124,917052.5100,357165.2060,1287.2330,FL DITCH
12125,917022.6910,357160.3580,1286.8700,FL DITCH
12126,916999.2920,357156.4350,1286.6840,FL DITCH

(South I-10)
3144,916931.6900,357125.9540,1288.6530,BREAKLINE
3145,916929.1150,357134.6850,1288.8830,BREAKLINE
3146,916927.4200,357139.4640,1288.8250,BREAKLINE
3147,916927.1960,357140.4020,1286.9750,BREAKLINE
3148,916926.4230,357142.0650,1287.1160,BREAKLINE
3149,916926.4240,357142.6720,1288.4390,BREAKLINE
3150,916925.2820,357147.4390,1288.8840,BREAKLINE
3151,916924.0970,357153.6590,1288.8120,BREAKLINE
3152,916927.6250,357141.2740,1288.8340,TOP OF OPENING
3153,916926.9360,357141.4430,1286.9100,RCP
3154,916924.2170,357140.5410,1286.7840,FL ES
3155,916905.5180,357136.3600,1286.8840,FL DITCH
3156,916874.1770,357129.7550,1287.2090,FL DITCH
3157,916850.6600,357125.1420,1287.1730,FL DITCH
3158,916814.5870,357112.7560,1286.6620,FL DITCH
3159,916780.0210,357101.9240,1286.4930,FL DITCH
3160,916734.5760,357095.8470,1286.0730,FL DITCH
3161,916712.0640,357095.2400,1285.0650,FL DITCH
3162,916715.2270,357067.8400,1285.1520,BREAKLINE
3163,916713.5950,357081.4010,1285.2760,BREAKLINE
3164,916712.1010,357094.8720,1285.0140,BREAKLINE
3165,916711.3600,357111.5740,1285.0900,BREAKLINE
3166,916709.5600,357130.5700,1284.9400,BREAKLINE

11 WB NS @ 200

11 WB NS CLOSE

11 WB NS MEDIAN

11 EB SS MEDIAN

11 EB SS CLOSE

11 EB SS @ 200'

COMP.

CK.

DATE 10/24/07

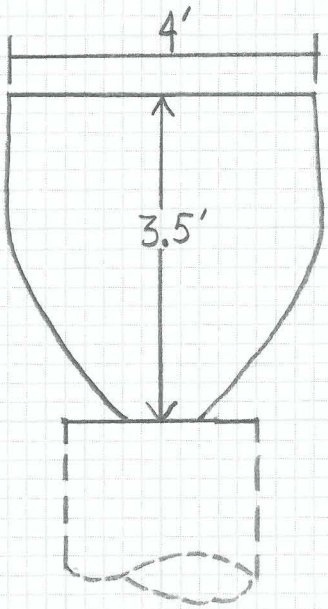
WILSON & COMPANY

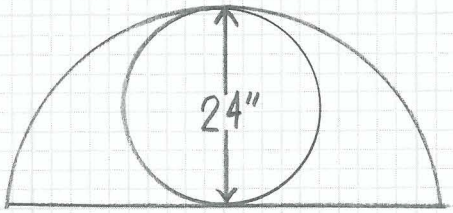
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #11
North Face
West Bound
CMP





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COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-01-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER 3144 ~ 3166

H. BELARANO
D. ACOSTA

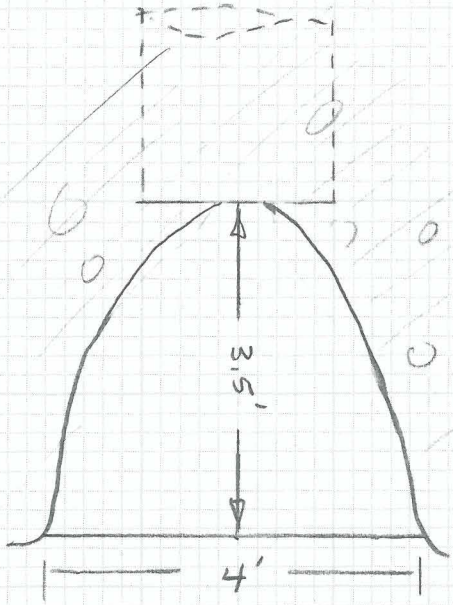
SURVEY DRAINAGE STRUCTURE # 11

PICTURES

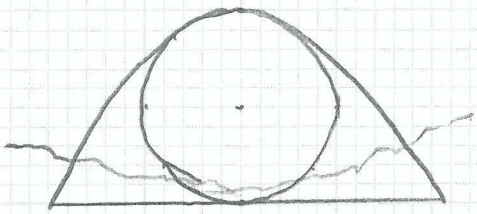
21 200' 0013

minolta 22 100' 0014

23 CLOSE 0015



PLAN VIEW



1 EA. 24" CMP

SOUTH FACE

EAST BOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

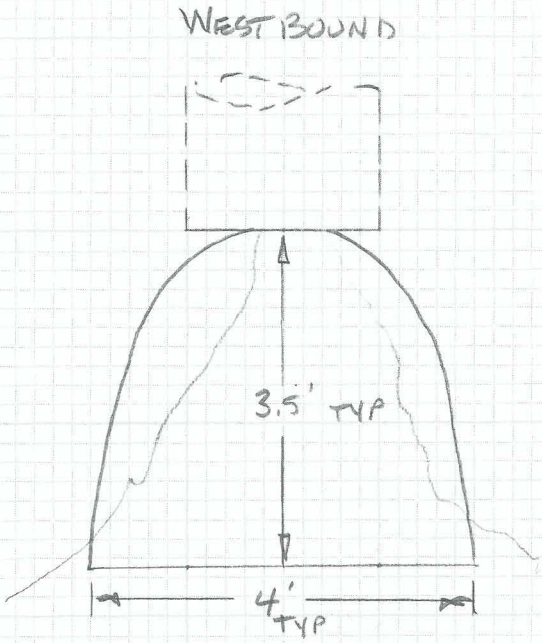
DATE 11-14-07 | SUBJ. | OF

WILSON & COMPANY

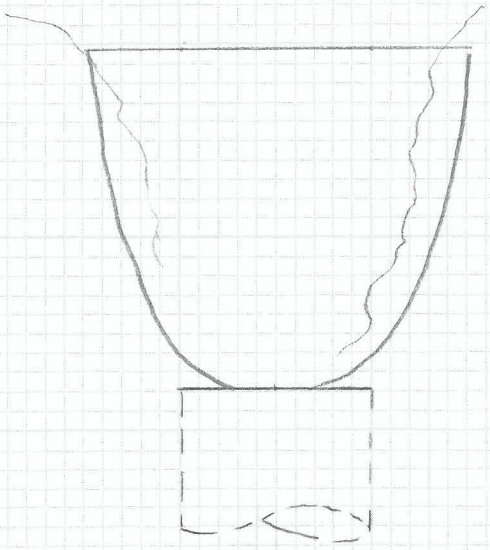
GPS POINT NUMBER
SURVEY DRAINAGE STRUCTURE # 11
MEDIAN

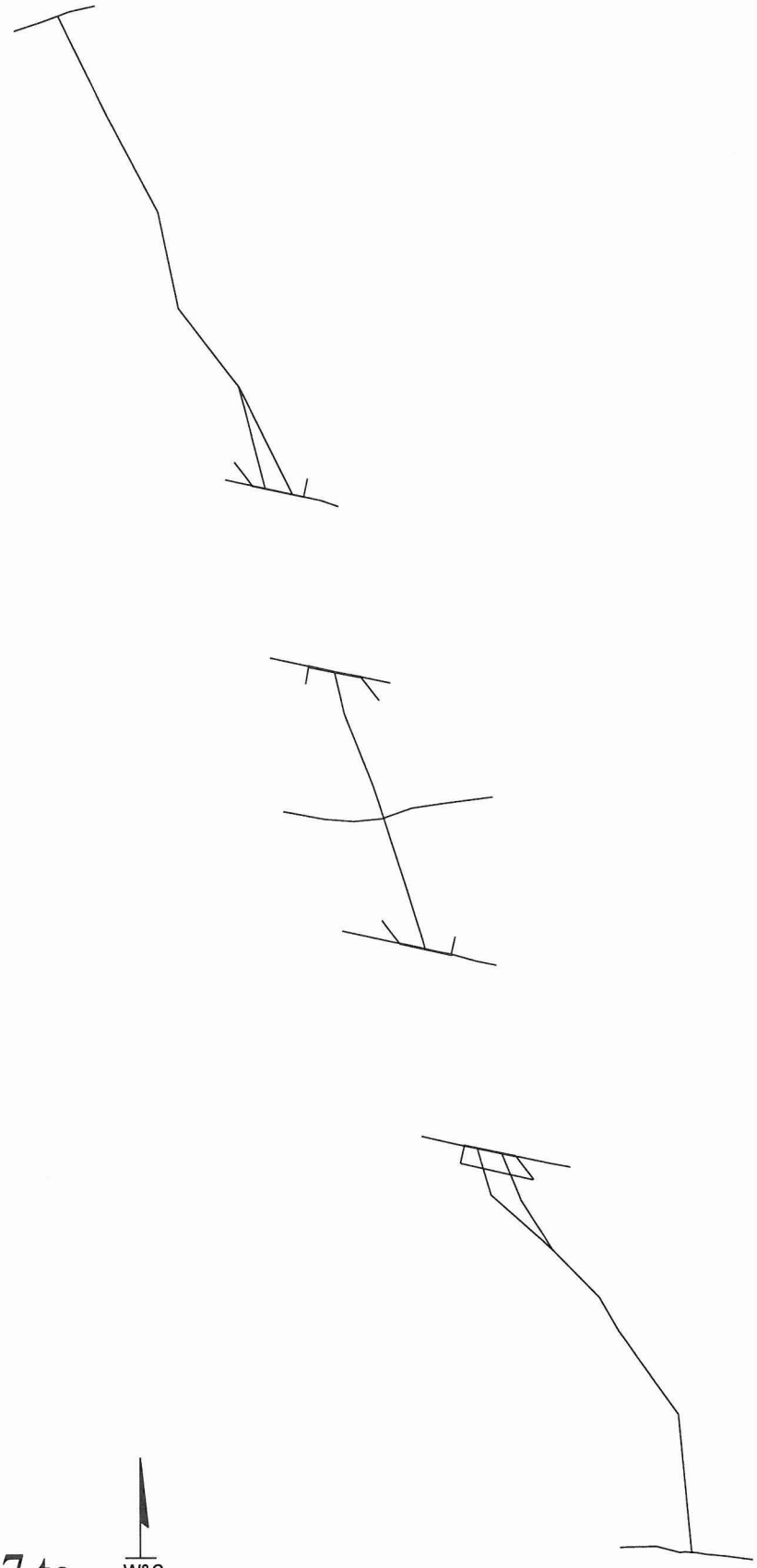
H. BEJARANO

↘ PICTURES
151 FACING NORTH 0143
152 FACING SOUTH 0144



2 EA. 24" CMP





12

Sta. 4645+48.47 to
4645+74.47

W&C

Structure #12
Station 4645+48.47 to 4645+74.47

(North of I-10)
2779,917094.2410,357680.7080,1289.9820,BREAKLINE
2780,917097.0910,357672.6420,1289.6250,BREAKLINE
2781,917098.6930,357665.2360,1289.7880,BREAKLINE
2782,917099.1990,357664.5810,1289.9370,WINGWALL
2783,917107.4060,357666.3170,1288.2160,WINGWALL
2784,917098.6520,357664.9550,1290.9510,HEADWALL
2785,917099.8370,357658.8180,1290.9350,TOP OF OPENING
2786,917102.8870,357646.7590,1290.8700,TOP OF OPENING
2787,917103.9170,357640.1570,1290.9050,HEADWALL
2788,917104.1270,357640.3460,1289.8860,WINGWALL
2789,917105.4520,357634.0700,1289.8980,BREAKLINE
2790,917106.8170,357627.9480,1289.9500,BREAKLINE
2791,917115.0920,357632.1110,1287.8390,WINGWALL
2792,917115.3470,357632.1980,1286.5340,SPOT
2793,917108.4050,357665.3260,1284.8000,SPOT
2794,917100.4790,357659.0300,1284.8660,RCP
2795,917100.4720,357659.0240,1284.8570,DITCH FLOWLINE
2796,917103.1180,357646.4300,1284.8400,DITCH FLOWLINE
2797,917103.1450,357646.3570,1284.8210,RCP
2798,917150.6230,357633.9310,1285.8120,DITCH FLOWLINE
2799,917187.3920,357605.4080,1287.7470,DITCH FLOWLINE
2800,917232.6360,357595.6360,1289.0340,DITCH FLOWLINE
2801,917277.7960,357571.3260,1289.8430,DITCH FLOWLINE
2802,917324.6900,357548.0160,1290.3660,DITCH FLOWLINE
2803,917329.7020,357565.3810,1290.1670,BREAKLINE
2804,917327.0300,357553.4550,1290.2680,BREAKLINE
2805,917321.9060,357539.6340,1290.3650,BREAKLINE
2806,917317.8580,357527.4240,1290.2690,BREAKLINE

(Middle of I-10)
5243,916895.1710,357682.9400,1287.4680,BREAKLINE
5244,916891.5810,357699.3650,1287.8180,BREAKLINE
5245,916889.7340,357708.0340,1288.4940,BREAKLINE
5246,916889.4420,357709.7800,1288.5820,WINGWALL
5247,916890.3690,357709.0280,1288.6020,WINGWALL
5248,916900.1170,357701.5180,1286.9040,WINGWALL
5249,916889.1350,357709.8320,1289.5740,HEADWALL
5250,916883.7000,357734.3730,1289.6780,HEADWALL
5251,916884.0240,357733.8990,1288.7100,WINGWALL
5252,916884.7390,357734.1590,1288.6620,WINGWALL
5253,916892.4010,357735.8860,1287.0440,WINGWALL
5254,916889.3570,357710.4820,1283.7180,BREAKLINE
5255,916887.9350,357717.2280,1283.6740,RCP
5256,916885.4040,357728.0870,1283.6920,RCP
5257,916884.4310,357733.5710,1283.6630,BREAKLINE
5258,916883.8780,357735.6240,1288.6380,BREAKLINE
5259,916881.0220,357745.7360,1287.7570,BREAKLINE
5260,916879.0450,357755.4570,1287.9780,BREAKLINE
12127,917019.6040,357666.7220,1290.2200,HEADWALL
12128,917016.7000,357679.3160,1290.1950,HEADWALL
12129,917014.3530,357691.8110,1290.2110,HEADWALL
12130,917014.1820,357691.4570,1289.2320,WINGWALL
12131,917003.2210,357700.0430,1287.2170,WINGWALL
12132,917019.2830,357667.0870,1289.2470,WINGWALL
12133,917011.0020,357665.7120,1287.4270,WINGWALL
12134,917023.1970,357648.9810,1289.4330,BREAKLINE
12135,917019.4130,357666.4680,1289.1810,BREAKLINE
12136,917018.5780,357667.9790,1285.2700,BREAKLINE
12137,917016.3100,357679.1440,1284.6720,BREAKLINE
12138,917014.0570,357690.4540,1284.3410,BREAKLINE

12139,917014.1360,357692.2030,1289.2340,BREAKLINE
12140,917011.3900,357705.4040,1288.9630,BREAKLINE
12141,917015.4670,357685.0790,1288.3120,TOP OF OPENING
12142,917018.0580,357673.0360,1288.3470,TOP OF OPENING
12143,916997.2340,357683.6940,1284.7220,FL DITCH
12144,916962.7790,357697.4810,1284.4640,FL DITCH
12145,916923.5070,357710.4110,1284.1760,FL DITCH
12146,916891.2510,357720.6080,1282.8310,FL DITCH
12147,916887.1260,357721.7420,1283.3320,FL DITCH
12148,916957.9010,357753.4550,1288.3900,BREAKLINE
12149,916954.7940,357729.4120,1285.2260,BREAKLINE
12150,916952.7140,357715.4560,1284.1470,BREAKLINE
12151,916947.6880,357701.2530,1284.4620,BREAKLINE
12152,916946.4850,357688.2400,1285.2640,BREAKLINE
12153,916947.4970,357674.7510,1286.1310,BREAKLINE
12154,916951.1220,357655.3660,1286.3850,BREAKLINE

(South of I-10)
3167,916799.0560,357720.2240,1287.2190,BREAKLINE
3168,916796.3110,357732.1540,1287.6940,BREAKLINE
3169,916794.5980,357739.9000,1288.2690,BREAKLINE
3170,916794.4960,357740.4590,1283.7080,BREAKLINE
3171,916789.5630,357764.1400,1283.2570,BREAKLINE
3172,916789.5160,357765.4720,1288.0440,BREAKLINE
3173,916786.3540,357780.1600,1287.3290,BREAKLINE
3174,916784.5770,357789.8900,1287.2640,BREAKLINE
3175,916778.8240,357772.7120,1286.6440,WINGWALL
3176,916788.6820,357765.1240,1288.2610,WINGWALL
3177,916789.6150,357764.4290,1288.3280,WINGWALL
3178,916789.8850,357764.2900,1289.2920,HEADWALL
3179,916794.9520,357739.7290,1289.3480,HEADWALL
3180,916794.5870,357740.2510,1288.3400,WINGWALL
3181,916794.0220,357740.0550,1288.2630,WINGWALL
3182,916786.4510,357738.3570,1286.5640,WINGWALL
3183,916786.3080,357738.5520,1283.3840,CONCRETE
3184,916778.6320,357772.4860,1283.4000,CONCRETE
3185,916790.8610,357757.8300,1283.3840,RCP
3186,916793.2820,357746.2550,1283.4050,RCP
3187,916771.5270,357752.7390,1283.3730,FL DITCH
3188,916768.9130,357766.8810,1283.1790,FL DITCH
3189,916746.0160,357781.4360,1283.4110,FL DITCH
3190,916723.4020,357803.5700,1282.5280,FL DITCH
3191,916707.7140,357812.6310,1282.8100,FL DITCH
3192,916668.6970,357840.8100,1282.2710,FL DITCH
3193,916600.7550,357875.7800,1283.1820,BREAKLINE
3194,916602.4530,357862.3930,1283.0010,BREAKLINE
3195,916603.2330,357853.5450,1283.0840,BREAKLINE
3196,916603.9220,357849.6220,1281.3630,BREAKLINE
3197,916604.2620,357847.0130,1281.6260,FL DITCH
3198,916604.3520,357843.7860,1281.8370,BREAKLINE
3199,916604.0280,357841.4270,1283.2770,BREAKLINE
3200,916606.9230,357830.3760,1283.1730,BREAKLINE
3201,916606.4810,357813.1620,1283.2850,BREAKLINE
3202,916790.9870,357757.8870,1287.3340,TOP OF OPENING
3203,916793.1810,357746.0290,1287.2920,TOP OF OPENING

I-2 WB NS @ 200'

I-2 WB NS CLOSE

I-2 WB NS MEDIAN

I-2 EB SS MEDIAN

17 EB SS @ 200'

17 EB SS CLOSE

COMP.

CK.

DATE 10-24-07

WILSON & COMPANY

LOC. Tonopah, AZ FILE

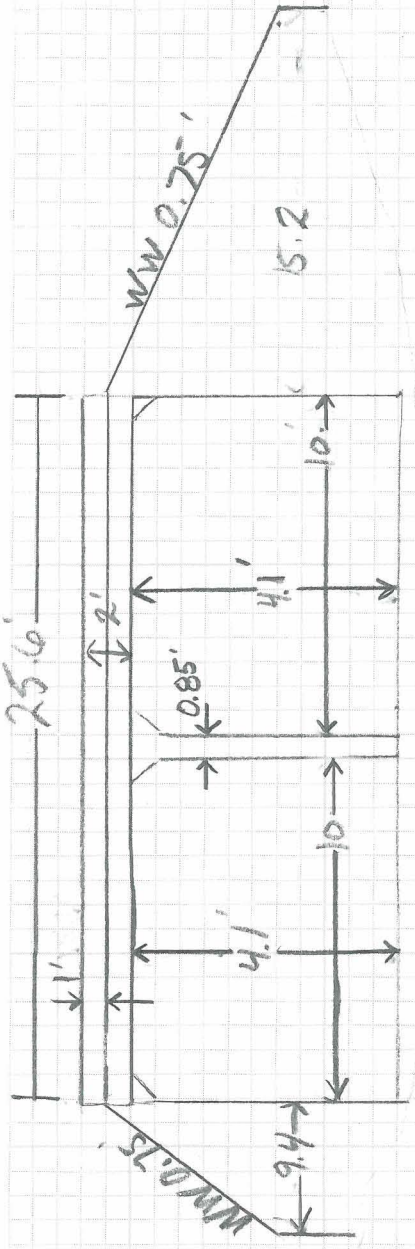
PROJ. I-10 Structures SHEET

SUBJ. OF

Structure #12
North Face
West Bound

Pt Range 2779 - 2806

Pic # 128 - 130



#128 CLOSE

#129 75'

#130 200'

N

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CK. | PROJ. | SHEET

DATE 11-13-07 | SUBJ. | OF

WILSON & COMPANY

BY H. BEJARANO

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 12

MEDIAN

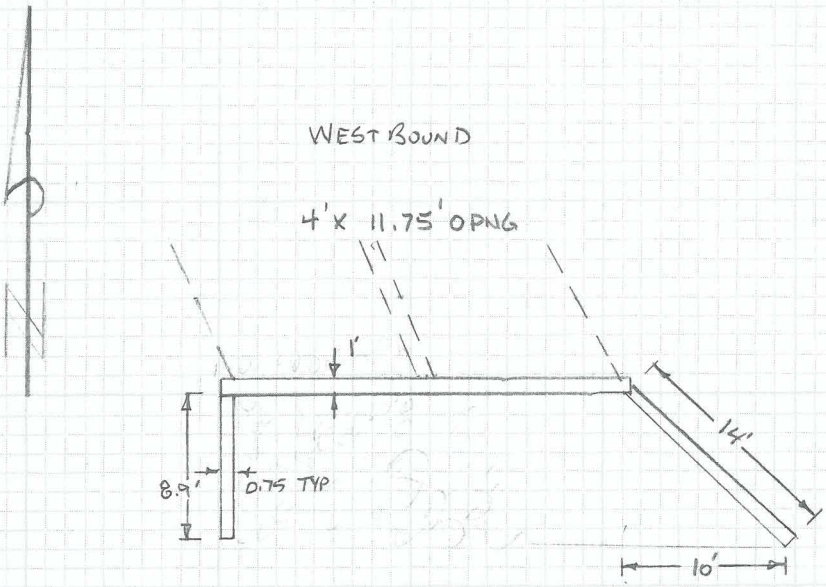
PICTURES

FACING NORTH 0146

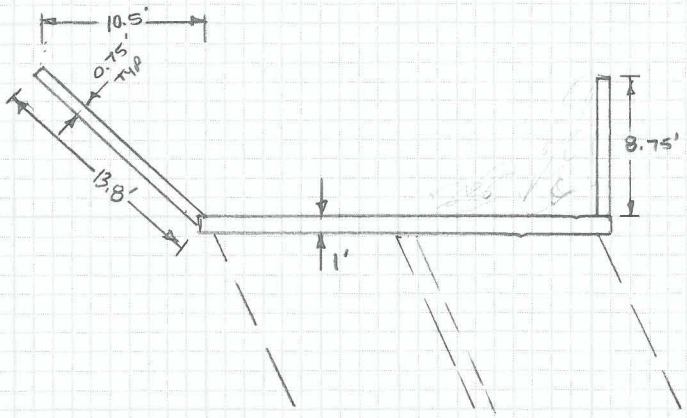
FACING SOUTH 0145

minolta [154 153

WEST BOUND



2 EA DOUBLE BARREL BOX CULVERTS



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-01-07 | SUBJ. | OF

WILSON & COMPANY

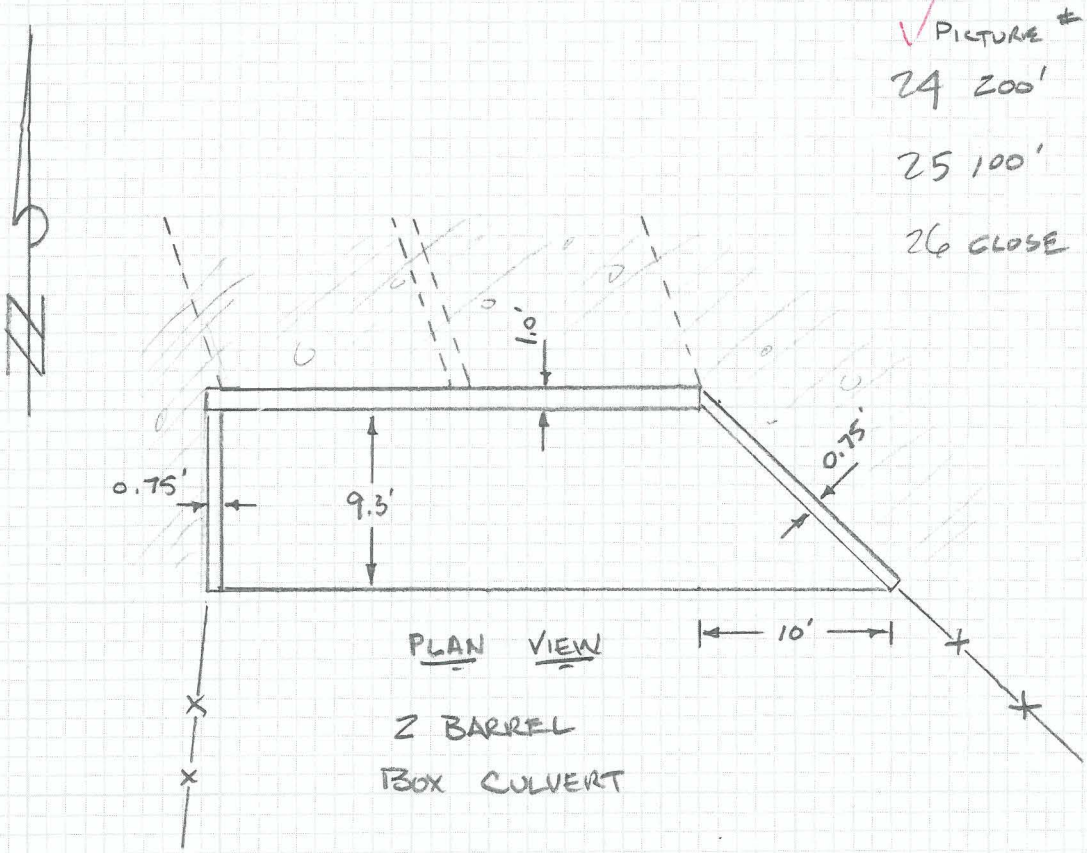
GPS POINT NUMBER 3167 ~ 3203

SURVEY DRAINAGE STRUCTURE # 12

H. BEJARANO

D. ACOSTA

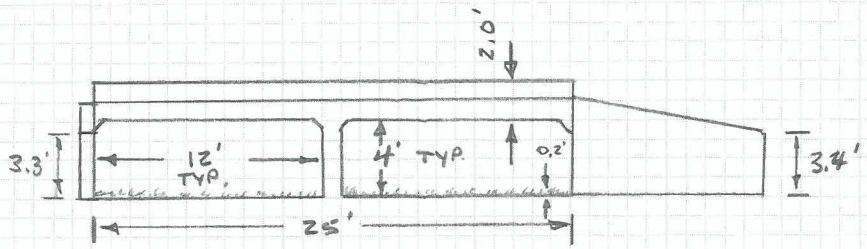
PICTURE #	
24 ZOOM	0016
25 100'	0017
26 CLOSE	0018



PLAN VIEW

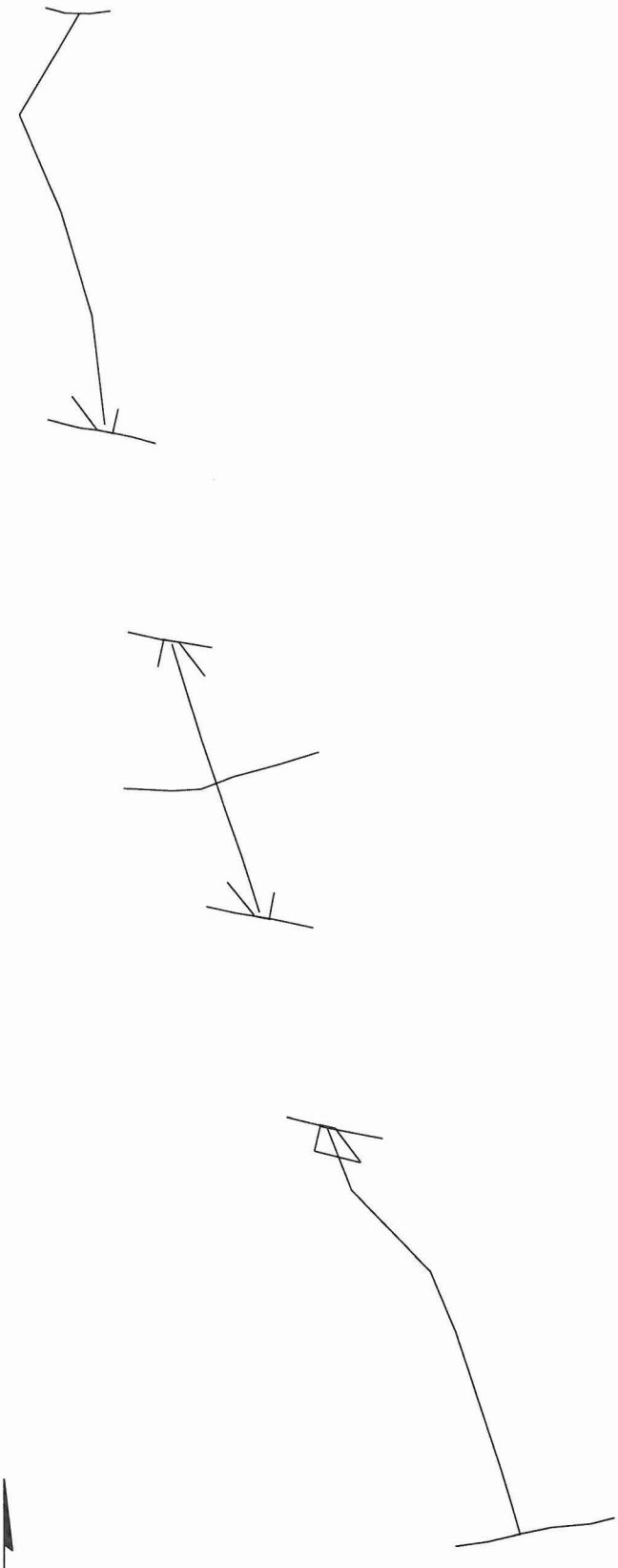
2 BARREL

BOX CULVERT



SOUTH FACE

EAST BOUND



13

Sta. 4651+85.47

Structure #13
Station 4651+85.47

(North of I-10)
2753,916970.7090,358283.8400,1287.9570,BREAKLINE
2754,916973.5550,358273.7290,1288.2170,BREAKLINE
2755,916975.3900,358265.0660,1288.4730,BREAKLINE
2756,916976.1590,358260.5130,1289.5250,TOP OF OPENING
2757,916976.9770,358256.1270,1288.4940,BREAKLINE
2758,916977.7890,358249.4100,1288.3190,BREAKLINE
2759,916981.4580,358234.6210,1288.3210,BREAKLINE
2760,916992.0350,358245.6090,1286.4000,WINGWALL
2761,916992.3730,358245.2550,1284.3970,SPOT
2762,916977.0240,358257.1230,1288.6710,WINGWALL
2763,916976.9580,358257.0960,1289.5150,HEADWALL
2764,916975.2330,358264.8660,1289.5410,HEADWALL
2765,916975.6600,358264.2010,1288.5860,WINGWALL
2766,916986.3110,358266.6430,1286.1570,WINGWALL
2767,916986.7120,358266.7210,1284.1100,SPOT
2768,916976.0560,358260.5790,1282.2180,FL ES
2769,916976.2150,358260.5850,1282.1560,RCP
2770,916979.3320,358260.6650,1281.9720,DITCH FLOWLINE
2771,917028.8840,358254.6420,1282.7550,DITCH FLOWLINE
2772,917075.6390,358240.2870,1283.5850,DITCH FLOWLINE
2773,917119.9460,358221.1540,1283.7870,DITCH FLOWLINE
2774,917165.8540,358248.1920,1284.2640,DITCH FLOWLINE
2775,917167.1850,358262.4710,1284.4330,BREAKLINE
2776,917166.0250,358253.0050,1284.4590,BREAKLINE
2777,917166.2440,358241.7490,1284.3170,BREAKLINE
2778,917168.7120,358232.8280,1284.3030,BREAKLINE

(Middle of I-10)
5261,916760.9310,358307.2660,1285.4990,BREAKLINE
5262,916757.9780,358320.7150,1286.0870,BREAKLINE
5263,916756.7840,358328.1250,1286.4240,BREAKLINE
5264,916756.8470,358328.7260,1286.5080,WINGWALL
5265,916757.4420,358328.5820,1286.5090,WINGWALL
5266,916771.9750,358316.8340,1284.3450,WINGWALL
5267,916756.6220,358328.8320,1287.5560,HEADWALL
5268,916755.0720,358336.4400,1287.5600,HEADWALL
5269,916755.5200,358335.9000,1286.4550,WINGWALL
5270,916756.1500,358335.9900,1286.4050,WINGWALL
5271,916767.2730,358338.0890,1284.2130,WINGWALL
5272,916756.0520,358332.6730,1285.5640,TOP OF OPENING
5274,916755.3250,358336.9080,1286.3660,BREAKLINE
5275,916753.4490,358345.6850,1285.7270,BREAKLINE
5276,916751.2150,358355.7740,1285.4300,BREAKLINE
5277,916830.7820,358358.1850,1284.4000,BREAKLINE
5278,916824.9390,358339.0740,1282.2790,BREAKLINE
5279,916819.7740,358319.7890,1280.6120,BREAKLINE
5280,916814.0620,358304.7450,1280.7080,BREAKLINE
5281,916813.2900,358291.7060,1281.3340,BREAKLINE
5282,916814.4180,358269.5360,1281.6830,BREAKLINE
5284,916756.1340,358332.3210,1277.5350,RCP
12155,916865.2400,358306.4450,1285.0530,WINGWALL
12156,916880.3280,358294.8750,1287.2100,WINGWALL
12157,916880.5720,358294.6590,1288.1620,HEADWALL
12158,916881.9650,358287.2700,1288.1290,HEADWALL
12159,916881.7330,358287.6470,1287.1150,WINGWALL
12160,916869.4760,358285.1040,1284.9170,WINGWALL
12161,916881.0710,358290.8630,1286.2170,TOP OF OPENING
12162,916885.2000,358271.4410,1286.6920,BREAKLINE
12163,916881.7330,358287.0120,1287.1210,BREAKLINE
12164,916880.6130,358295.3680,1287.1820,BREAKLINE

12165,916878.1790,358309.6180,1286.5310,BREAKLINE
12166,916879.7630,358291.4600,1280.5000,FL DITCH
12167,916867.8970,358293.4240,1280.5870,FL ES
12168,916836.3050,358305.0640,1280.1930,FL DITCH
12169,916806.2550,358315.2750,1280.2240,FL DITCH
12170,916783.7540,358323.2620,1279.7370,FL DITCH
12171,916758.3780,358331.3300,1279.7020,FL DITCH

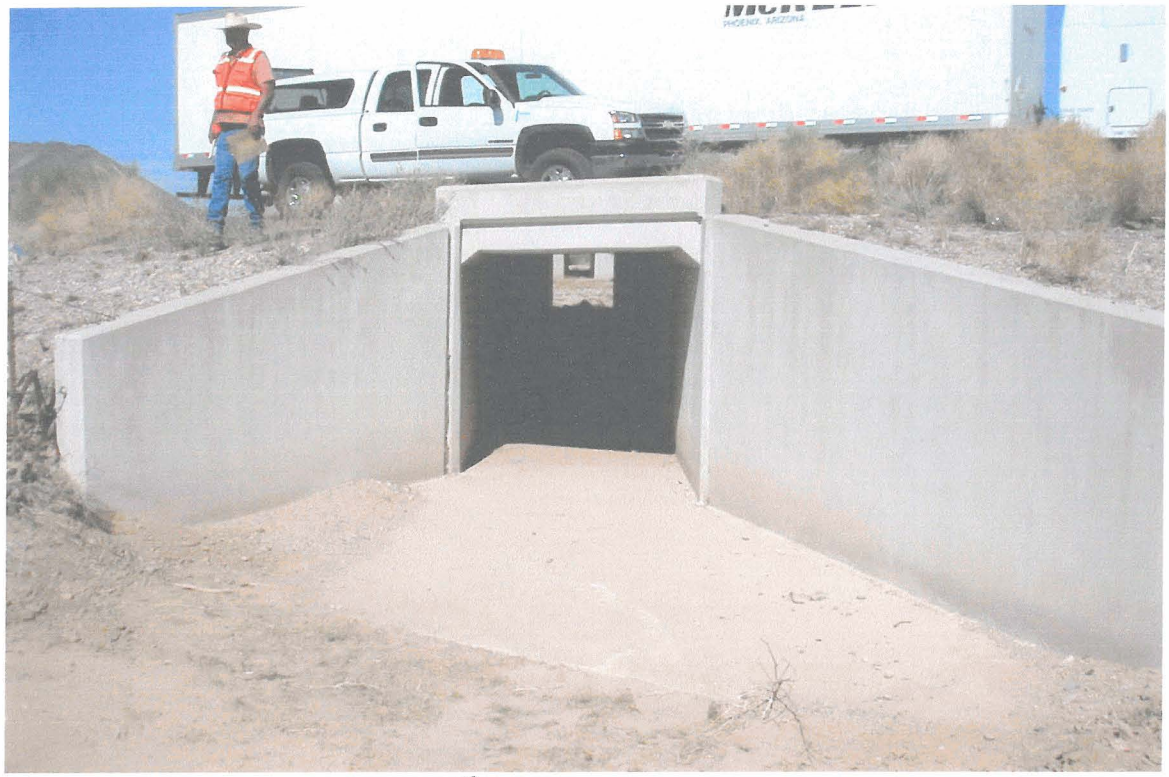
(South of I-10)
3204,916665.6910,358343.7380,1285.2710,BREAKLINE
3205,916663.2600,358353.2810,1285.5000,BREAKLINE
3206,916662.1750,358358.0480,1285.7890,BREAKLINE
3207,916650.1750,358356.3200,1283.5770,WINGWALL
3208,916661.5590,358358.9480,1285.8860,WINGWALL
3209,916662.0070,358359.0200,1285.9160,WINGWALL
3210,916662.2700,358358.5180,1286.8890,HEADWALL
3211,916660.6270,358365.9490,1286.9940,HEADWALL
3212,916660.4670,358366.2340,1286.0210,WINGWALL
3213,916659.6380,358366.4440,1286.0250,WINGWALL
3214,916645.1410,358377.4660,1283.7330,WINGWALL
3215,916661.3920,358359.4930,1279.2190,BREAKLINE
3216,916660.1030,358365.6750,1279.2290,BREAKLINE
3217,916660.6930,358362.1740,1279.2080,FL DITCH
3218,916645.0680,358377.2630,1279.0310,CONCRETE
3219,916650.1890,358356.6890,1279.0030,CONCRETE
3220,916632.6590,358373.1710,1279.2240,FL DITCH
3221,916595.8500,358409.0180,1279.1360,FL DITCH
3222,916568.6740,358420.4250,1279.3530,FL DITCH
3223,916506.4020,358440.8320,1278.6720,FL DITCH
3224,916477.0840,358449.5530,1279.1110,FL DITCH
3225,916471.4670,358420.3130,1279.1230,BREAKLINE
3226,916473.4590,358434.7180,1279.1600,BREAKLINE
3227,916476.8070,358449.3500,1279.1510,BREAKLINE
3228,916479.8270,358463.8420,1279.1510,BREAKLINE
3229,916481.4630,358481.8160,1279.0840,BREAKLINE
3230,916484.1920,358492.7600,1279.0610,BREAKLINE
3231,916660.3530,358366.3210,1285.9240,BREAKLINE
3232,916657.4260,358379.4460,1285.0360,BREAKLINE
3233,916656.0040,358387.3840,1284.7200,BREAKLINE
3234,916661.2590,358362.2120,1285.2260,TOP OF OPENING

13 WB NS @ 200'

13 WB NS CLOSE

13 WB NS MEDIAN

13 EB SS MEDIAN



13 EB SS CLOSE

13 EB SS @ 200'

COMP.

CK.

DATE 10-24-07

WILSON & COMPANY

LOC. Tonopah, Az FILE

PROJ. I-10 Structures SHEET

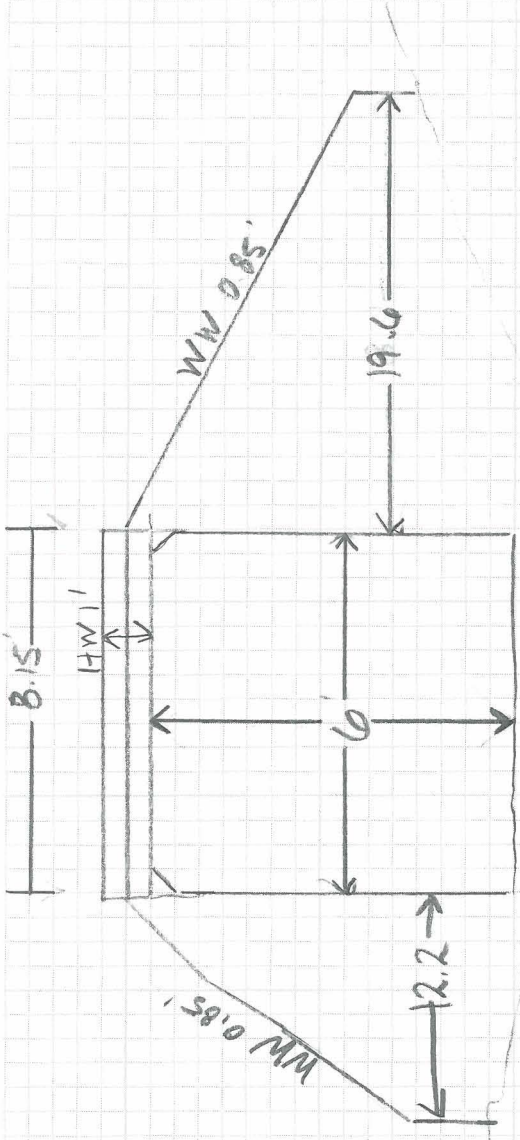
SUBJ. OF

SR/AJ

Structure #13
North Face
West Bound

At Range # 2753 2778

Pic # 125-127



125 Close

126 75'

127 200'

PRINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-14-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 13

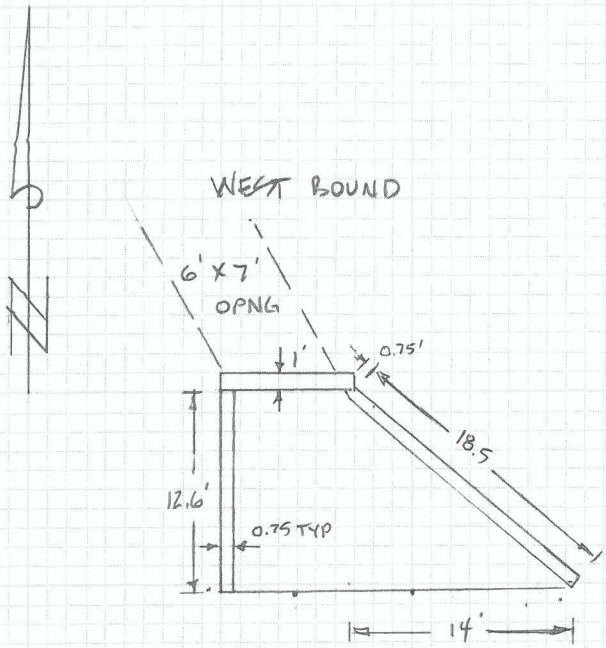
MEDIAN

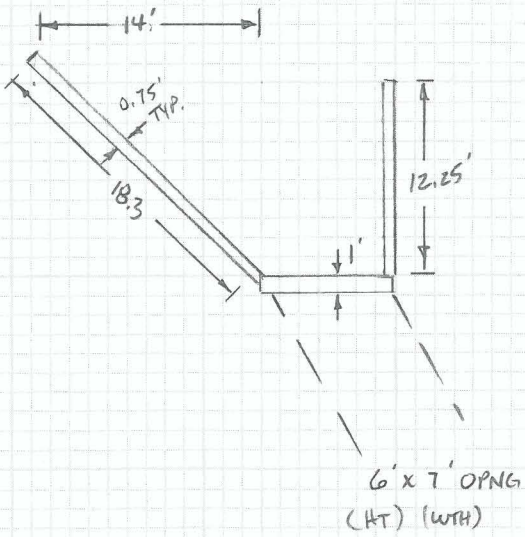
H. BEJARANO

√ PICTURES

155 FACING NORTH 0147

156 FACING SOUTH 0148





EAST BOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-01-07 | SUBJ. | OF

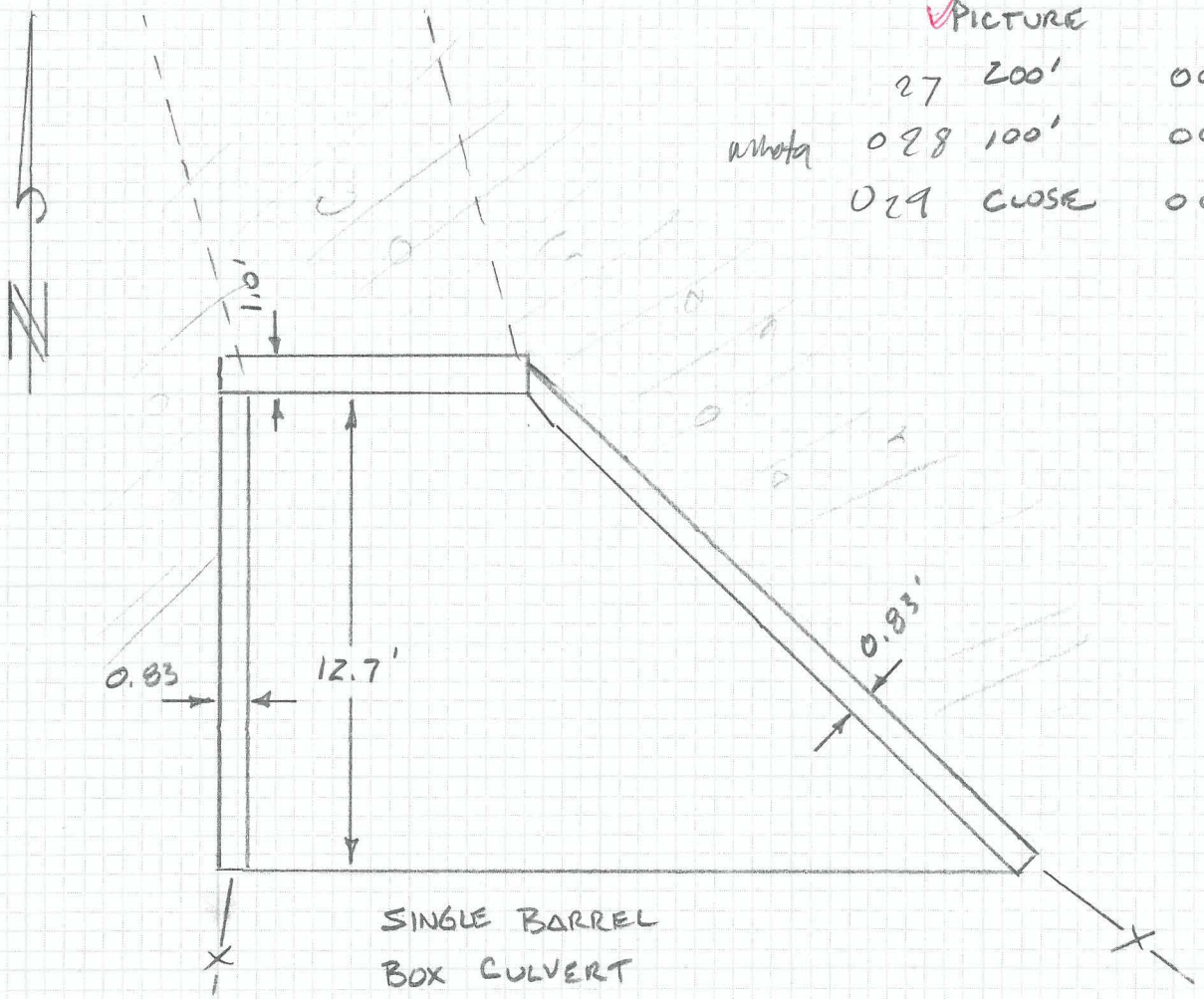
WILSON & COMPANY

H. BEJARANO
D. ACOSTA

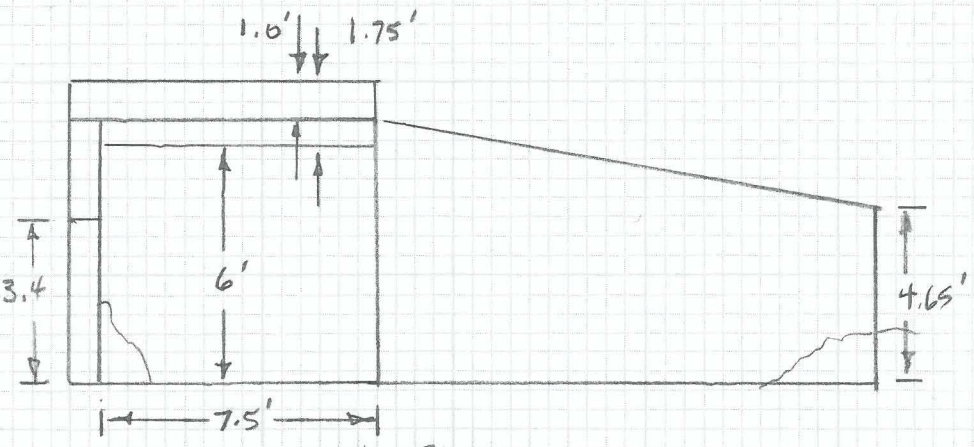
GPS POINT NUMBER 3204 ~ 3234

SURVEY DRAINAGE STRUCTURE # 13

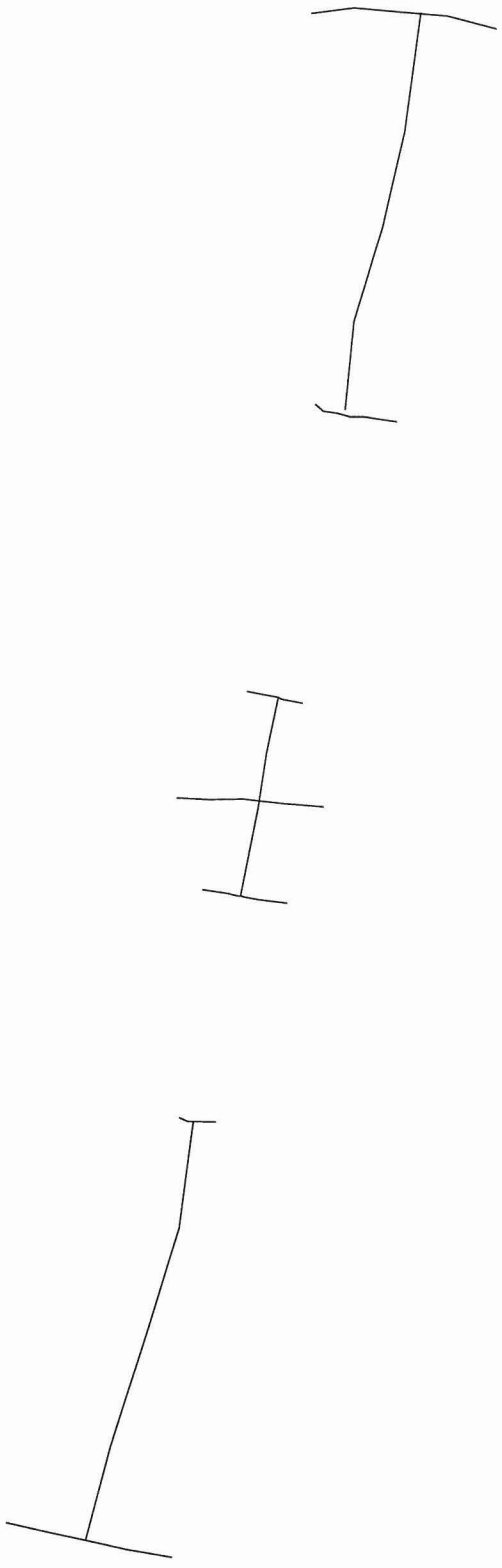
	PICTURE	
27	200'	0019
028	100'	0020
029	CLOSE	0021



SINGLE BARREL
BOX CULVERT
PLAN VIEW



SOUTH FACE
EAST BOUND



14

Sta. 4654+50.00

Structure #14
Station 4654+50.00

(North of I-10)
2734,916905.1960,358682.6280,1282.3340,BREAKLINE
2735,916907.3020,358668.0500,1282.8230,BREAKLINE
2736,916907.2440,358662.3060,1282.7970,BREAKLINE
2737,916908.3930,358659.6320,1282.4060,TOP OF OPENING
2738,916908.8300,358656.4670,1282.8900,BREAKLINE
2739,916909.6720,358650.6110,1283.4580,BREAKLINE
2740,916912.7210,358647.1130,1283.1180,BREAKLINE
2741,916912.6830,358660.4970,1279.7030,FL ES
2742,916910.2100,358660.0060,1279.8450,DITCH FLOWLINE
2743,916908.7030,358659.7370,1279.7910,RCP
2744,916948.5140,358663.6270,1281.7440,DITCH FLOWLINE
2745,916989.1900,358675.8980,1281.9680,DITCH FLOWLINE
2746,917030.9520,358685.3870,1282.2990,DITCH FLOWLINE
2747,917082.6130,358692.1380,1282.5570,DITCH FLOWLINE
2748,917075.5780,358724.8490,1282.6950,BREAKLINE
2749,917081.1630,358703.6840,1282.6270,BREAKLINE
2750,917082.7560,358684.0440,1282.5080,BREAKLINE
2751,917084.6440,358663.1010,1282.5080,BREAKLINE
2752,917082.2870,358644.4820,1282.5100,BREAKLINE

(Middle of I-10)
5285,916703.0410,358598.7860,1282.3810,BREAKLINE
5286,916701.3400,358609.9530,1282.2860,BREAKLINE
5287,916700.3580,358613.7580,1282.2780,BREAKLINE
5288,916700.2940,358615.4480,1279.5920,RCP
5289,916699.9460,358615.4170,1282.2160,TOP OF OPENING
5290,916699.8480,358616.9180,1282.2660,BREAKLINE
5291,916698.6820,358623.0030,1282.2310,BREAKLINE
5292,916697.1450,358635.4830,1281.9590,BREAKLINE
5293,916704.5130,358616.1740,1279.6310,FL ES
5294,916738.6740,358651.2520,1280.5940,BREAKLINE
5295,916740.0460,358634.4020,1280.4890,BREAKLINE
5296,916741.2510,358623.3600,1279.6900,BREAKLINE
5297,916742.0820,358616.4510,1280.0730,BREAKLINE
5298,916741.8450,358601.8710,1280.1230,BREAKLINE
5299,916742.5700,358587.6270,1280.2730,BREAKLINE
12172,916783.4050,358642.0130,1281.7590,BREAKLINE
12173,916785.1490,358632.9590,1281.4440,BREAKLINE
12174,916785.9670,358631.4840,1279.1010,BREAKLINE
12175,916786.1920,358631.2550,1281.5600,TOP OF OPENING
12176,916786.2700,358629.8540,1281.7400,BREAKLINE
12177,916788.5780,358617.8430,1282.1730,BREAKLINE
12178,916781.9940,358631.1100,1279.1450,FL ES
12179,916762.1390,358626.4910,1279.5460,FL DITCH
12180,916738.1230,358622.8210,1279.3250,FL DITCH
12181,916700.6610,358615.4150,1279.3900,FL DITCH

(South of I-10)
3235,916602.6640,358604.6690,1281.4590,BREAKLINE
3236,916602.8390,358596.4650,1281.4550,BREAKLINE
3237,916602.8410,358595.5790,1279.3110,BREAKLINE
3238,916603.1520,358594.9570,1279.1890,RCP
3239,916603.4390,358595.1540,1281.5930,TOP OF OPENING
3240,916599.2570,358594.2670,1279.0970,FL ES
3241,916602.8740,358592.3750,1281.6460,BREAKLINE
3242,916604.5240,358588.7300,1281.5520,BREAKLINE
3243,916597.8950,358594.1840,1278.9930,FL DITCH
3244,916556.8260,358588.6890,1279.5490,FL DITCH

3245,916513.0450,358575.1300,1278.8660,FL DITCH
3246,916461.7760,358558.6530,1278.7440,FL DITCH
3247,916422.1380,358548.1590,1278.4320,FL DITCH
3248,916429.8180,358513.9140,1278.7380,BREAKLINE
3249,916425.4670,358532.7940,1278.6160,BREAKLINE
3250,916422.2590,358547.4820,1278.4280,BREAKLINE
3251,916418.0110,358565.9350,1278.4780,BREAKLINE
3252,916414.6840,358585.4230,1278.3920,BREAKLINE

14 WB NS @ 200'

14 WB NS CLOSE

14 EB SS MEDIAN

14 WB NS MEDIAN

14 EB SS @ 200'

14 EB SS CLOSE

COMP.

CK.

DATE 10/24/07

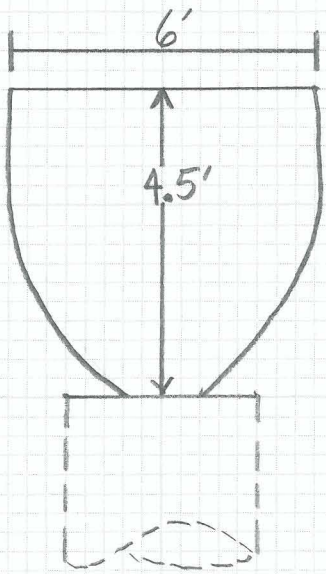
WILSON & COMPANY

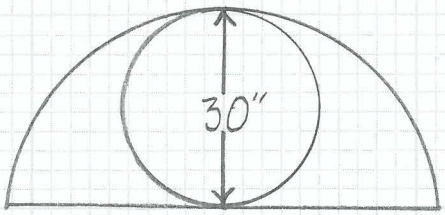
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #14
North Face
West Bound
CMP





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COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-15-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 14

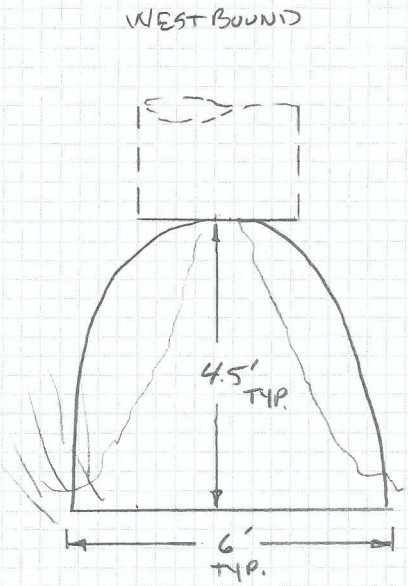
MEDIAN

H. BEJARANO

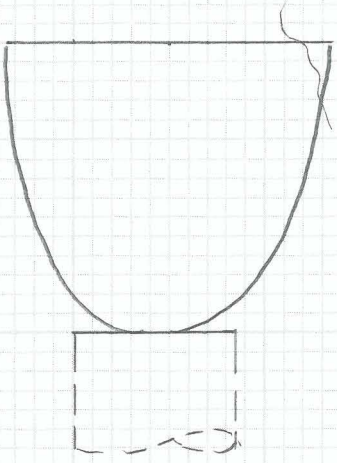
PICTURES

157 FACING NORTH 0149

158 FACING SOUTH 0150



2 EA. 30" CMP



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-01-07 | SUBJ. | OF

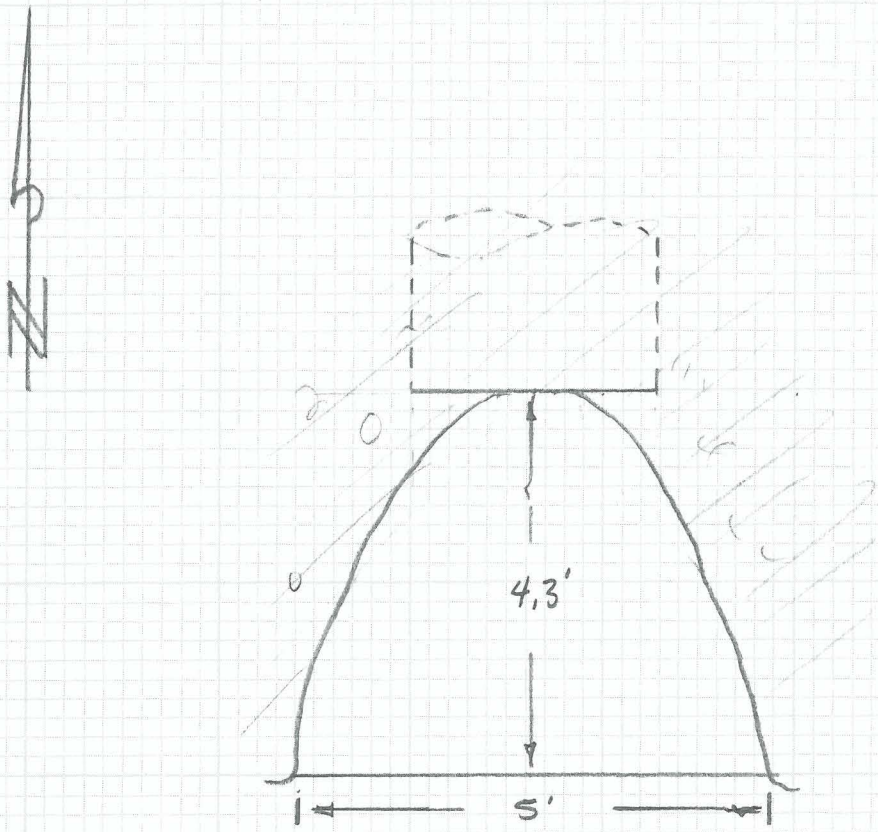
WILSON & COMPANY

H. BEJARANO
D. ACOSTA

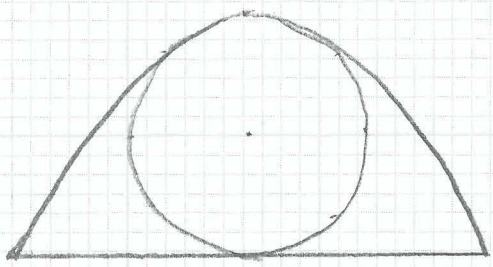
GPS POINT NUMBER 3235 ~ 3252

SURVEY DRAINAGE STRUCTURE #14

	PICTURE
30 200'	0022
31 100'	0023
32 CLOSE	0024



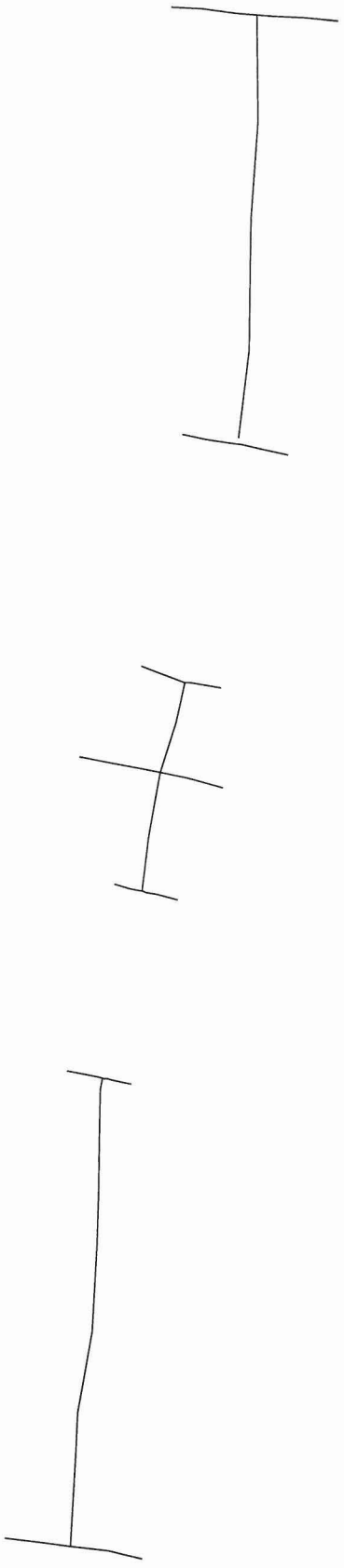
PLAN VIEW



1 EA. 30" CMP

SOUTH FACE

EAST BOUND



15

Sta. 4657+70.00

Structure #15
Station 4657+70.00

(North of I-10)
2714,916831.6270,358995.2270,1283.1040,BREAKLINE
2715,916834.1970,358983.4000,1283.0830,BREAKLINE
2716,916836.4440,358973.7950,1283.4060,BREAKLINE
2717,916837.2840,358971.6600,1283.2510,TOP OF OPENING
2718,916837.1360,358968.1340,1283.1830,BREAKLINE
2719,916838.7930,358957.2560,1282.6110,BREAKLINE
2720,916841.2350,358946.1080,1282.7880,BREAKLINE
2721,916843.2630,358972.3010,1279.5450,FL ES
2722,916839.5980,358972.0740,1279.5050,DITCH FLOWLINE
2723,916837.8370,358971.6290,1279.5560,RCP
2724,916880.1740,358976.8910,1281.3330,DITCH FLOWLINE
2725,916941.1570,358977.5290,1281.9610,DITCH FLOWLINE
2726,916986.8950,358980.6780,1282.3190,DITCH FLOWLINE
2727,917036.3390,358979.9820,1282.6300,DITCH FLOWLINE
2728,917033.6090,359017.9810,1282.2680,BREAKLINE
2729,917035.0670,359002.6350,1282.3460,BREAKLINE
2730,917035.7640,358987.1940,1282.4640,BREAKLINE
2731,917037.1380,358970.1740,1282.6790,BREAKLINE
2732,917039.3070,358954.2390,1282.6960,BREAKLINE
2733,917039.9950,358940.3330,1282.6690,BREAKLINE

(Middle of I-10)
5300,916632.4490,358915.1680,1281.5850,BREAKLINE
5301,916630.3640,358921.8490,1282.1270,BREAKLINE
5302,916629.4040,358926.5020,1282.3280,BREAKLINE
5303,916629.3430,358927.7730,1278.6290,RCP
5304,916628.8860,358927.9390,1282.2810,TOP OF OPENING
5305,916628.6010,358929.3930,1282.1570,BREAKLINE
5306,916627.6230,358935.0570,1281.4890,BREAKLINE
5307,916625.1020,358944.2390,1281.5440,BREAKLINE
5308,916634.4690,358929.3470,1278.7840,FL ES
5309,916677.0390,358965.1490,1280.1160,BREAKLINE
5310,916681.8320,358947.8040,1279.9580,BREAKLINE
5311,916682.6060,358943.9020,1279.5210,BREAKLINE
5312,916684.5770,358934.6040,1279.2620,BREAKLINE
5313,916688.2740,358915.1380,1279.5590,BREAKLINE
5314,916691.4810,358898.8450,1279.5230,BREAKLINE
12182,916733.4770,358927.4580,1282.9120,BREAKLINE
12183,916726.1510,358946.5080,1282.1650,BREAKLINE
12184,916725.7580,358947.5280,1278.6300,BREAKLINE
12185,916726.0040,358947.6730,1282.2340,TOP OF OPENING
12186,916725.9470,358949.1250,1282.3710,BREAKLINE
12187,916723.3530,358964.2240,1282.3060,BREAKLINE
12188,916720.3710,358947.1260,1278.7110,FL ES
12189,916707.5480,358943.4950,1278.8620,FL DITCH
12190,916684.1670,358936.2060,1279.0490,FL DITCH
12191,916653.8380,358930.7620,1278.8390,FL DITCH
12192,916629.7910,358927.8360,1278.3760,FL DITCH

(South of I-10)
3253,916545.8620,358892.9790,1281.3370,BREAKLINE
3254,916543.9360,358902.7460,1281.2480,BREAKLINE
3255,916542.9470,358907.6670,1281.6800,BREAKLINE
3256,916542.5970,358908.9190,1278.3350,BREAKLINE
3257,916542.5960,358909.4820,1278.1570,RCP
3258,916542.8650,358909.3910,1281.8200,TOP OF OPENING
3259,916542.1930,358910.3550,1278.2100,BREAKLINE
3260,916542.2730,358911.2740,1281.6660,BREAKLINE

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3261,916541.2350,358915.3410,1281.2060,BREAKLINE
3262,916539.6100,358922.8320,1281.3970,BREAKLINE
3263,916537.1050,358908.4510,1277.8040,FL ES
3264,916521.7590,358908.0930,1277.7820,FL DITCH
3265,916488.8250,358907.5640,1278.1910,FL DITCH
3266,916465.1830,358906.7770,1278.2680,FL DITCH
3267,916425.1720,358904.4890,1278.0580,FL DITCH
3268,916387.4470,358897.6660,1277.3940,FL DITCH
3269,916366.9860,358896.6590,1277.1890,FL DITCH
3270,916325.6440,358894.1150,1277.0530,FL DITCH
3271,916329.4930,358863.5920,1277.3840,BREAKLINE
3272,916327.2150,358882.0280,1277.2100,BREAKLINE
3273,916325.5640,358893.7190,1277.0440,BREAKLINE
3274,916323.4410,358911.9290,1276.9390,BREAKLINE
3275,916319.6580,358927.2170,1276.9410,BREAKLINE
```

15 WB NS @ 200'

15 WB NS CLOSE

15 WB MEDIAN

15 EB MEDIAN

15 EB SS CLOSE

15 EB SS @ 200'

COMP.

CK.

DATE 10/23/07

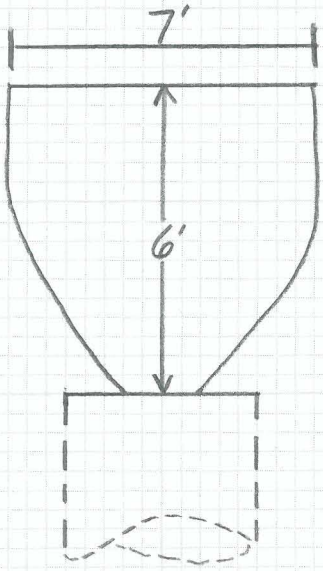
WILSON & COMPANY

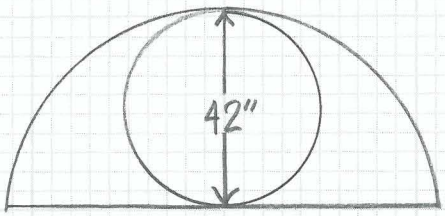
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #15
North Face
West Bound
CMP





RINTED ON RECYCLED PAPER

COMP.

CK.

DATE 11-15-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 15

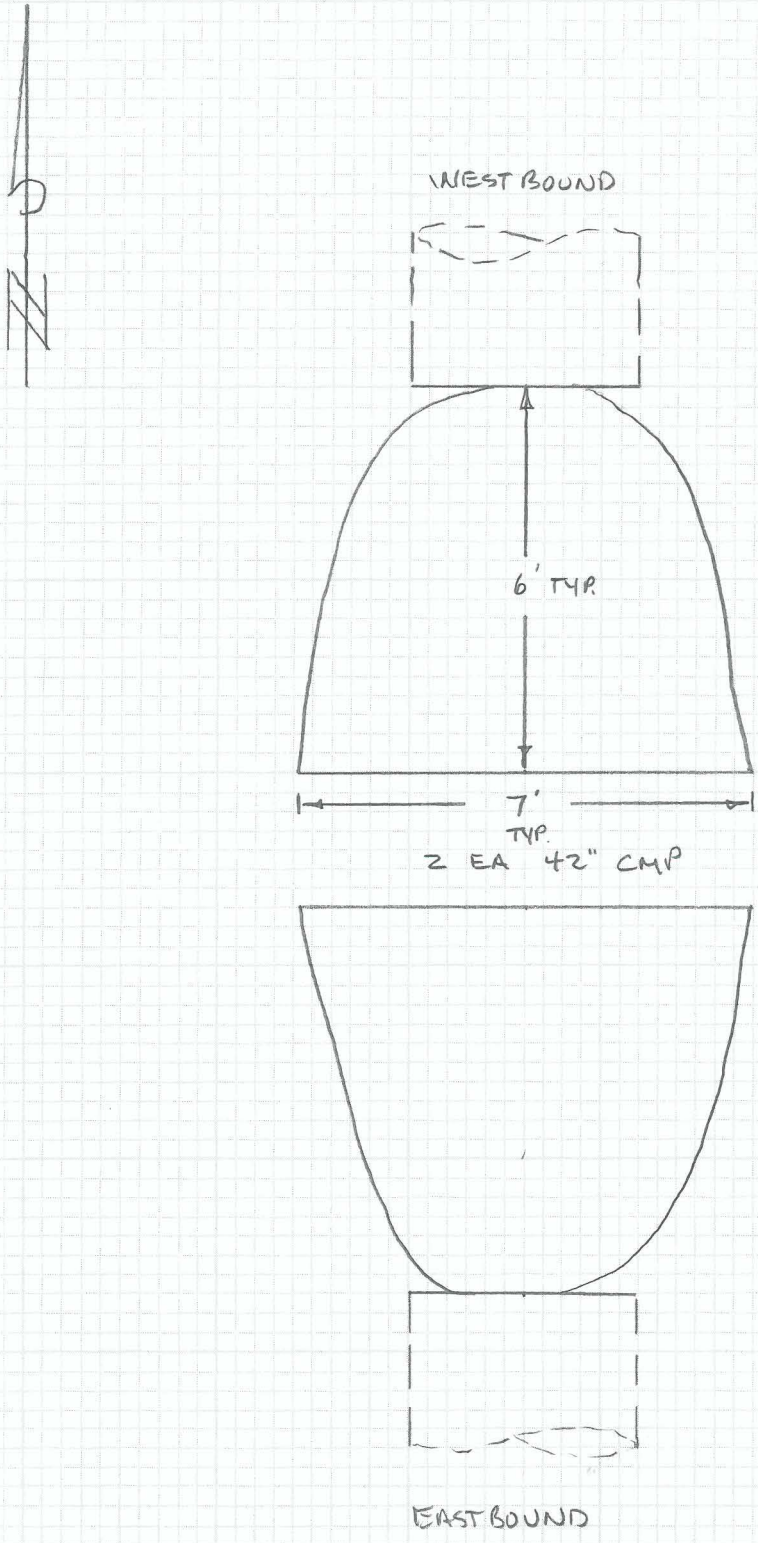
MEDIAN

H. BELARAND

✓ PICTURES

159 FACING NORTH 0151

160 FACING SOUTH 0152



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-01-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER 3253 ~ 3275

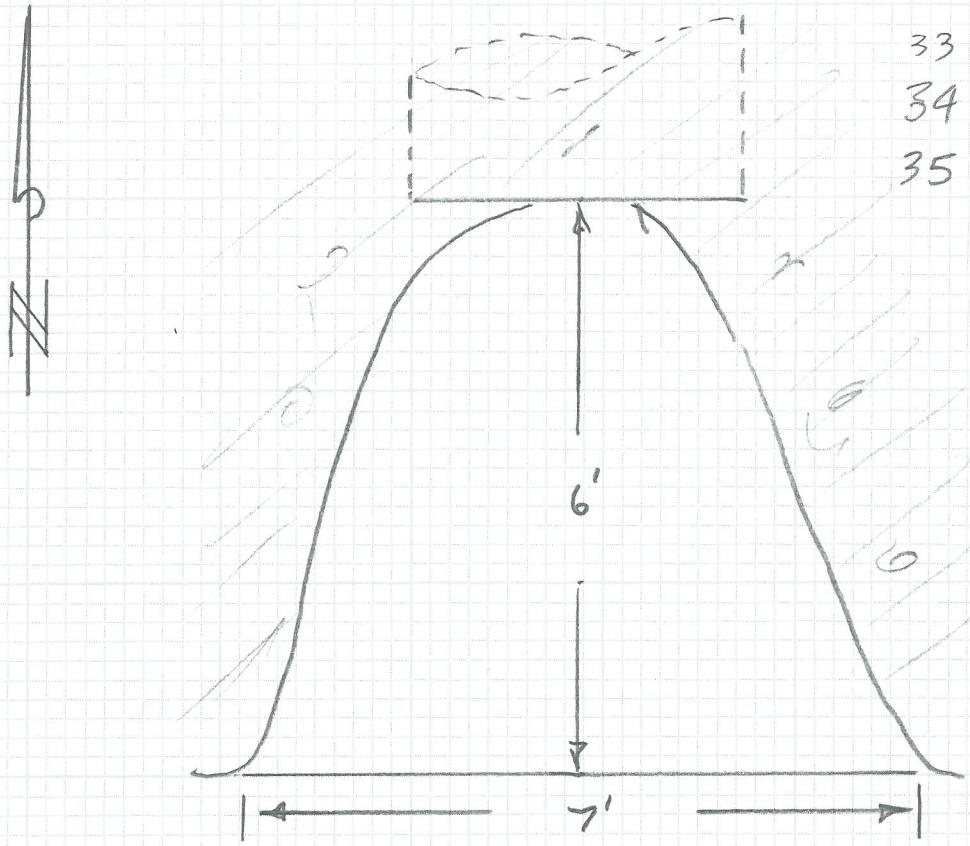
SURVEY DRAINAGE STRUCTURE # 15

H. BEJARANO

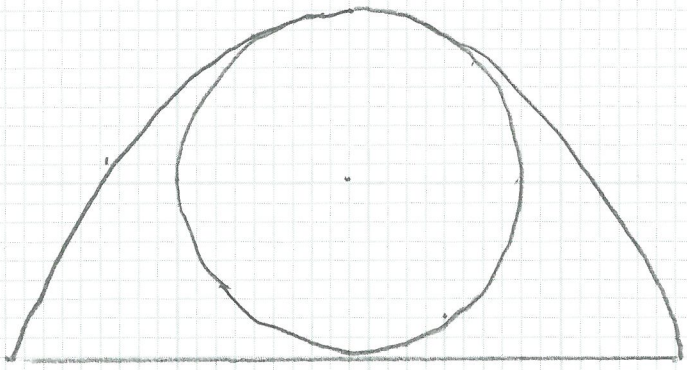
D. ACOSTA

√PICTURE

33	200'	0025
34	100'	0026
35	CLOSE	0027



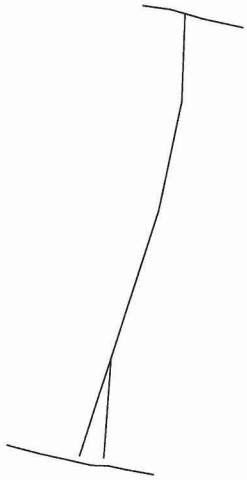
PLAN VIEW

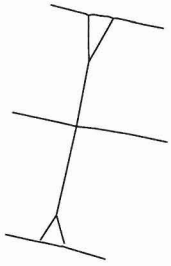


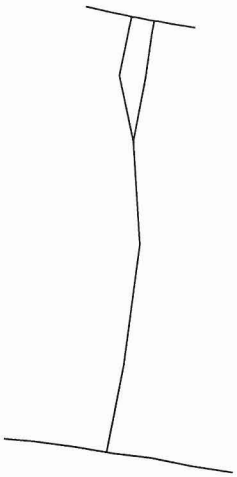
1 EA 42" CMP

SOUTH FACE

EAST BOUND







W&C

16

Sta. 4659+50.00

Structure #16
Station 4659+50.00

(North of I-10)
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2692,916791.3130,359162.9770,1283.8120,BREAKLINE
2693,916793.0140,359155.0620,1283.6110,BREAKLINE
2694,916793.6920,359152.1670,1283.3580,TOP OF OPENING
2695,916793.2910,359147.5270,1283.7430,BREAKLINE
2696,916795.0200,359141.9180,1283.4820,TOP OF OPENING
2697,916795.5830,359137.5540,1283.8180,BREAKLINE
2698,916798.3470,359125.0170,1283.6600,BREAKLINE
2699,916802.0850,359110.9350,1283.2670,BREAKLINE
2700,916795.0970,359141.8320,1279.8060,RCP
2701,916797.2700,359142.4200,1279.9160,DITCH FLOWLINE
2702,916800.8890,359143.3140,1280.0430,FL ES
2703,916799.8120,359153.6640,1279.6030,FL ES
2704,916796.4230,359152.9620,1279.6660,DITCH FLOWLINE
2705,916794.1370,359152.3210,1279.6310,RCP
2706,916839.6640,359155.9340,1280.9720,DITCH FLOWLINE
2707,916903.5120,359176.2380,1281.7040,DITCH FLOWLINE
2708,916951.0750,359186.0960,1281.9260,DITCH FLOWLINE
2709,916989.5390,359187.2910,1282.2910,DITCH FLOWLINE
2710,916982.9660,359212.7840,1282.2410,BREAKLINE
2711,916986.8470,359195.1330,1282.2770,BREAKLINE
2712,916990.9480,359181.1610,1282.3680,BREAKLINE
2713,916992.6730,359168.7740,1282.4430,BREAKLINE

(Middle of I-10)
5315,916594.3530,359083.2080,1281.0980,BREAKLINE
5316,916591.5640,359095.7100,1281.5130,BREAKLINE
5317,916591.0250,359098.3660,1278.0080,RCP
5318,916596.0550,359099.8050,1278.1410,FL ES
5319,916594.6650,359109.3430,1278.1440,FL ES
5320,916590.7100,359100.4580,1281.5340,BREAKLINE
5321,916589.2550,359106.7680,1281.4220,BREAKLINE
5322,916589.1420,359108.3140,1277.9410,RCP
5323,916590.6590,359098.4040,1281.6770,TOP OF OPENING
5324,916588.7240,359108.4240,1281.6380,TOP OF OPENING
5325,916588.4750,359110.2740,1281.3820,BREAKLINE
5326,916585.5240,359120.2540,1281.2450,BREAKLINE
5327,916583.6210,359126.5820,1281.2760,BREAKLINE
5328,916634.1470,359153.3290,1279.4410,BREAKLINE
5329,916637.4290,359137.7770,1279.5270,BREAKLINE
5330,916640.1170,359121.8320,1278.5740,BREAKLINE
5331,916640.9230,359114.1670,1278.4010,BREAKLINE
5332,916642.5020,359107.3800,1278.5110,BREAKLINE
5333,916643.5840,359102.4190,1279.1510,BREAKLINE
5334,916647.0450,359086.1890,1279.6430,BREAKLINE
12193,916693.4430,359102.7630,1281.8390,BREAKLINE
12194,916689.6080,359117.8160,1282.2480,BREAKLINE
12195,916688.9200,359119.1080,1278.6300,BREAKLINE
12196,916688.8860,359119.2660,1282.3160,TOP OF OPENING
12197,916689.3420,359120.9810,1282.0000,BREAKLINE
12198,916688.7240,359124.3840,1282.0710,BREAKLINE
12199,916688.4370,359127.6550,1282.1300,BREAKLINE
12200,916687.6190,359129.7930,1278.6810,BREAKLINE
12201,916687.8860,359129.9120,1282.3320,TOP OF OPENING
12202,916687.7090,359131.2610,1282.3470,BREAKLINE
12203,916685.0910,359142.9360,1282.1490,BREAKLINE
12204,916683.4120,359151.7390,1281.8560,BREAKLINE
12205,916683.8620,359117.9530,1278.5650,FL ES
12206,916682.5500,359128.4680,1278.8190,FL ES
12207,916668.9870,359119.2820,1278.5720,FL DITCH

12208,916640.9770,359114.0440,1278.1930,FL DITCH
12209,916602.7560,359105.4280,1277.8520,FL DITCH
12210,916590.4520,359108.8550,1277.9260,FL DITCH
12211,916591.8870,359098.3940,1277.8710,FL DITCH

(South of I-10)
5000,916510.4670,359060.6880,1280.9170,BREAKLINE
5001,916507.8100,359072.3430,1280.7730,BREAKLINE
5002,916506.6020,359078.4560,1280.7680,BREAKLINE
5003,916506.2410,359079.6220,1277.3560,BREAKLINE
5004,916505.8800,359081.2310,1277.3090,BREAKLINE
5005,916506.0120,359081.4980,1280.4740,BREAKLINE
5006,916504.5410,359088.4560,1280.8890,BREAKLINE
5007,916504.4040,359089.4770,1277.5830,BREAKLINE
5008,916504.1290,359091.0760,1277.5220,BREAKLINE
5009,916504.2090,359091.5680,1280.9730,BREAKLINE
5010,916502.9990,359097.6310,1280.5200,BREAKLINE
5011,916501.3450,359108.0470,1280.7330,BREAKLINE
5012,916504.5800,359090.3360,1281.1310,TOP OF OPENING
5013,916504.4400,359090.3150,1277.6730,RCP
5014,916506.4690,359080.4810,1280.9200,TOP OF OPENING
5015,916506.2820,359080.4580,1277.3150,RCP
5016,916500.6610,359079.2150,1277.1910,FL ES
5017,916498.8660,359089.2560,1277.2730,FL ES
5018,916479.6250,359086.4630,1276.8150,FL DITCH
5019,916480.7940,359075.0960,1276.5960,FL DITCH
5020,916452.1770,359081.1930,1277.5010,FL DITCH
5021,916407.7410,359084.0390,1276.9770,FL DITCH
5022,916355.6310,359076.9880,1276.8790,FL DITCH
5023,916318.5250,359069.7010,1276.9680,FL DITCH
5024,916323.9330,359025.0880,1276.9670,BREAKLINE
5025,916322.7590,359038.4720,1276.9430,BREAKLINE
5026,916320.4670,359055.2710,1276.6560,BREAKLINE
5027,916317.5340,359072.6200,1276.8710,BREAKLINE
5028,916315.6080,359088.8280,1277.0880,BREAKLINE
5029,916312.0350,359106.3840,1277.1610,BREAKLINE
5030,916309.3110,359124.1100,1277.7960,BREAKLINE

16 WB NS CLOSE

16 WB NS @ 200'

16 EB MEDIAN CLOSE

16 WB MEDIAN CLOSE

16 EB SS @ 200'

16 EB SS CLOSE

COMP.

CK.

DATE 10/23/07

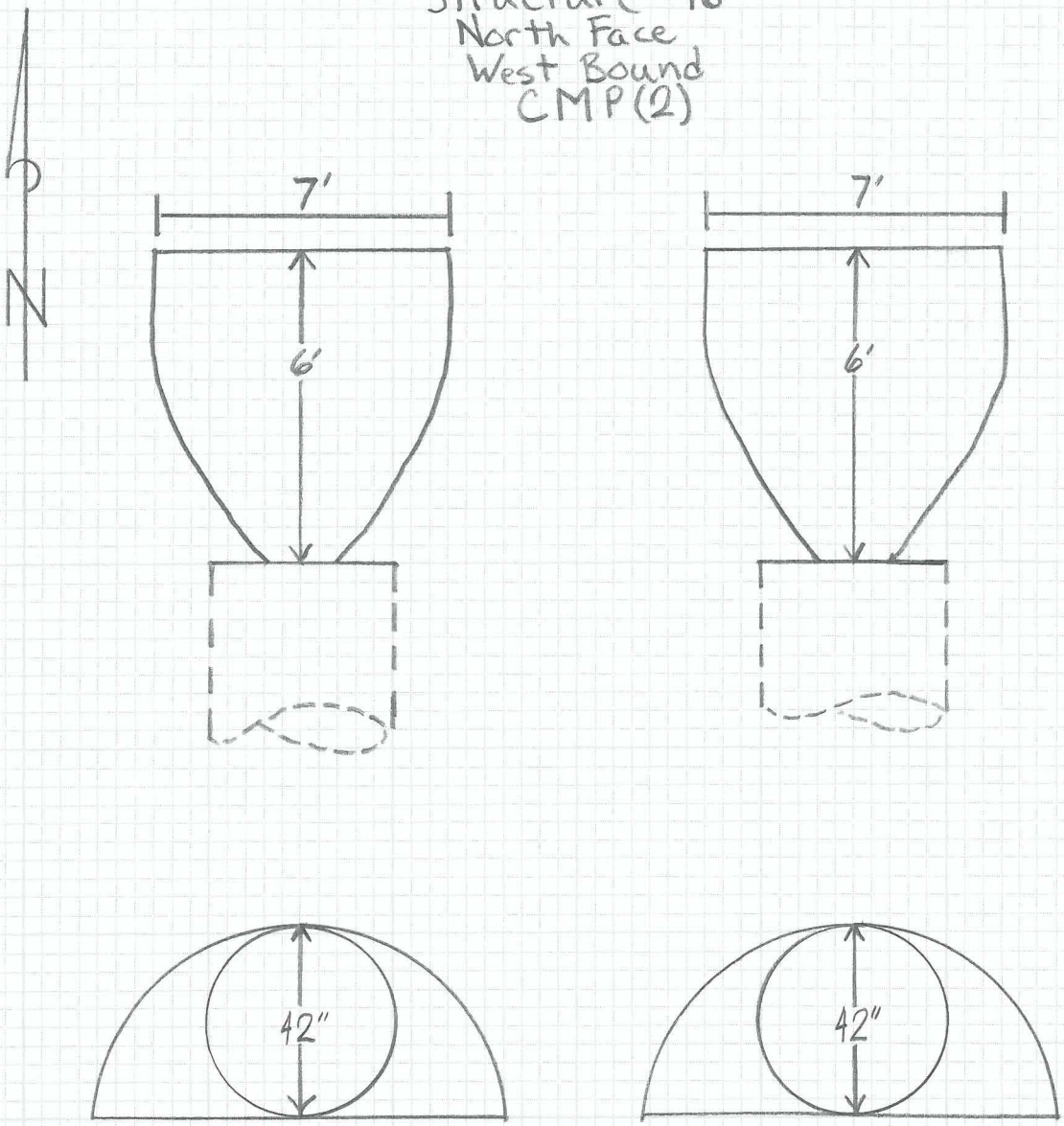
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #16
North Face
West Bound
CMP (2)



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COMP.

CK.

DATE 11-15-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

BY H. BELMANO

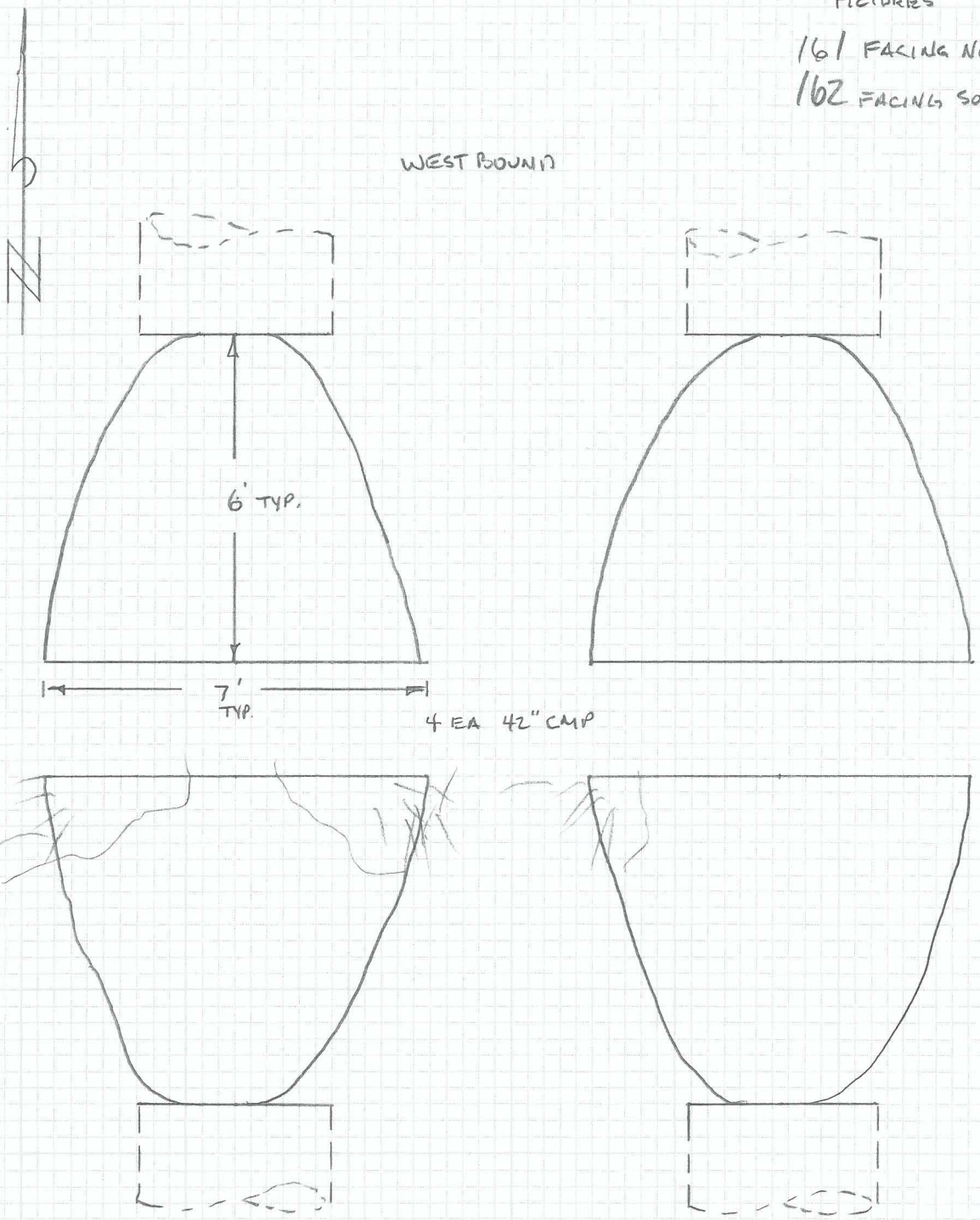
SURVEY DRAINAGE STRUCTURE # 16

MEDIAN

✓ PICTURES

161 FACING NORTH 0153

162 FACING SOUTH 0154



COMP. | LOC. | FILE

WILSON & COMPANY

CK. | PROJ. | SHEET

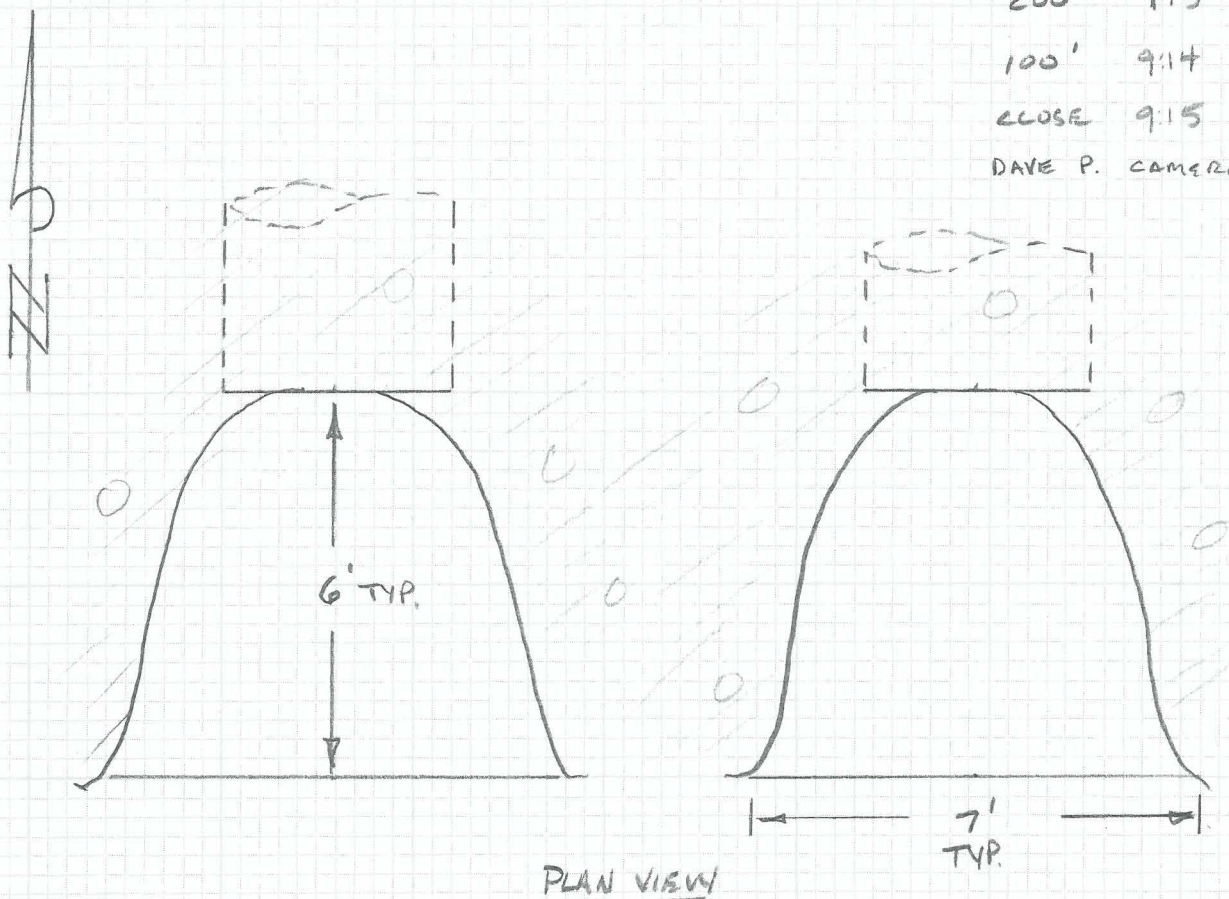
DATE | SUBJ. | OF

GPS POINT NUMBER 5000 ~ 5030

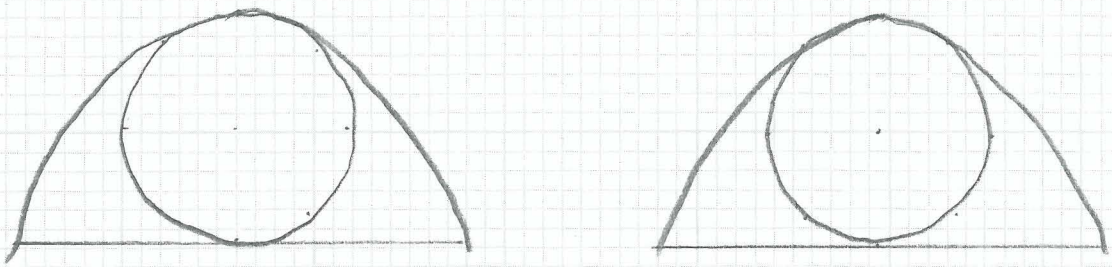
SURVEY DRAINAGE STRUCTURE # 16

H. BEJARANO
D. ACOSTA

✓ PICTURE
200' 9:13
100' 9:14
CLOSE 9:15
DAVE P. CAMERA



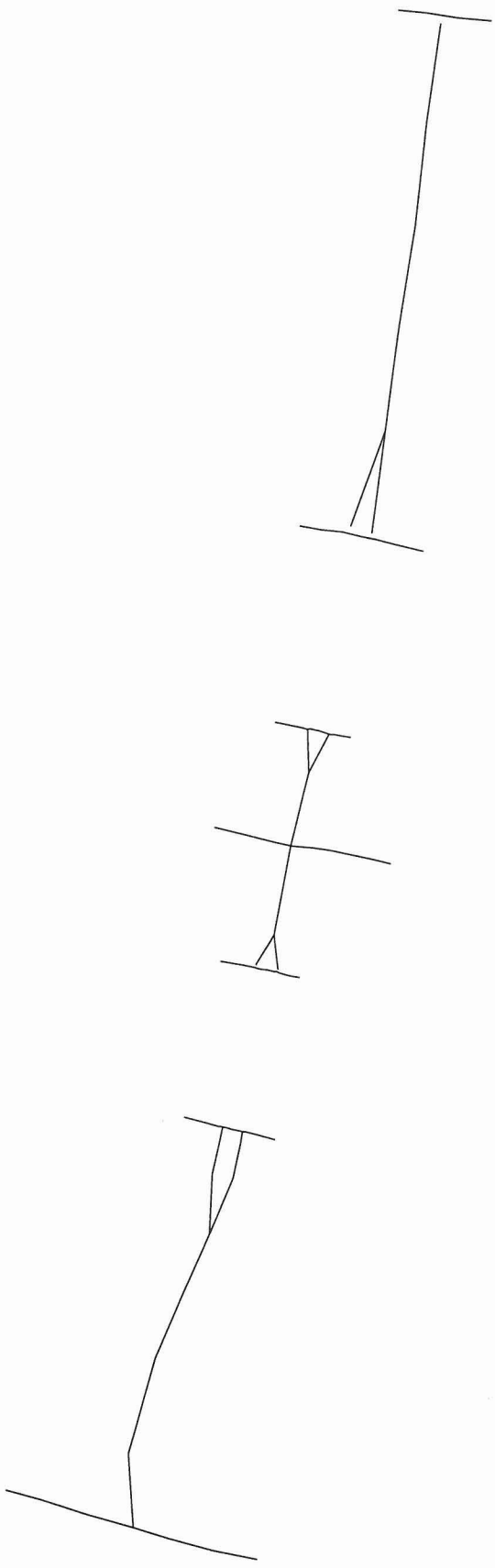
PLAN VIEW



2 EA 42" CMP

SOUTH FACE

EAST BOUND



17

Sta. 4662+00.00

Structure #17
Station 4662+00.00

(North of I-10)
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2668,916732.0540,359406.7930,1283.6940,BREAKLINE
2669,916734.3560,359397.8320,1283.8770,BREAKLINE
2670,916735.1980,359395.2830,1283.8300,TOP OF OPENING
2671,916735.6560,359390.7760,1284.0510,BREAKLINE
2672,916737.5450,359384.8030,1283.9140,TOP OF OPENING
2673,916737.8940,359381.7840,1284.0970,BREAKLINE
2674,916738.7980,359372.1900,1284.1370,BREAKLINE
2675,916740.6850,359361.7110,1283.9220,BREAKLINE
2676,916735.3990,359395.4890,1280.2230,RCP
2677,916737.3100,359395.6850,1280.2450,DITCH FLOWLINE
2678,916740.8580,359396.6960,1280.1150,FL ES
2679,916743.3320,359386.1840,1280.2140,FL ES
2680,916740.5630,359385.7100,1280.2880,DITCH FLOWLINE
2681,916737.5870,359385.0840,1280.2740,RCP
2682,916785.5630,359401.7690,1281.3010,DITCH FLOWLINE
2683,916835.0410,359408.0690,1281.8180,DITCH FLOWLINE
2684,916882.2910,359415.4320,1282.2880,DITCH FLOWLINE
2685,916931.6640,359420.5850,1282.7590,DITCH FLOWLINE
2686,916978.4250,359427.0080,1283.0430,DITCH FLOWLINE
2687,916979.7750,359451.0190,1283.0590,BREAKLINE
2688,916981.2060,359434.9850,1283.0980,BREAKLINE
2689,916983.5610,359420.1040,1283.1330,BREAKLINE
2690,916984.8390,359406.9220,1283.2970,BREAKLINE

(Middle of I-10)
5335,916535.4800,359324.6440,1282.1300,BREAKLINE
5336,916533.7740,359334.9650,1281.9820,BREAKLINE
5337,916532.7730,359339.8470,1281.9670,BREAKLINE
5338,916532.5590,359341.0560,1278.6530,RCP
5339,916532.1850,359341.1320,1282.2110,TOP OF OPENING
5340,916531.8840,359342.9520,1282.0780,BREAKLINE
5341,916531.4280,359346.6510,1282.0840,BREAKLINE
5342,916530.5480,359350.1360,1282.2590,BREAKLINE
5343,916530.5940,359351.2710,1278.6970,RCP
5344,916530.1740,359351.3320,1282.2820,TOP OF OPENING
5345,916529.9170,359352.6520,1282.2710,BREAKLINE
5346,916528.6660,359357.2310,1282.1740,BREAKLINE
5347,916527.8290,359362.0640,1282.0970,BREAKLINE
5348,916538.0460,359342.4650,1278.7260,FL ES
5349,916536.1130,359352.6020,1278.6190,FL ES
5350,916581.3940,359405.0930,1279.6880,BREAKLINE
5351,916583.7840,359395.1730,1279.0600,BREAKLINE
5352,916587.6880,359376.7860,1279.6580,BREAKLINE
5353,916588.9400,359368.0270,1279.2260,BREAKLINE
5354,916589.7730,359358.2690,1279.0560,BREAKLINE
5355,916591.4180,359350.6610,1279.2920,BREAKLINE
5356,916594.4190,359338.9390,1279.7680,BREAKLINE
5357,916598.6180,359321.6350,1279.7100,BREAKLINE
12212,916648.1070,359350.2540,1282.3490,BREAKLINE
12213,916645.5030,359363.3140,1283.0500,BREAKLINE
12214,916644.7900,359365.6760,1279.2900,BREAKLINE
12215,916645.1810,359365.5140,1283.0270,TOP OF OPENING
12216,916645.0480,359366.7220,1283.0250,BREAKLINE
12217,916644.1230,359370.9740,1282.9070,BREAKLINE
12218,916642.8790,359374.7790,1282.9680,BREAKLINE
12219,916642.4430,359375.7920,1279.2660,BREAKLINE
12220,916642.7600,359375.8610,1282.9770,TOP OF OPENING
12221,916642.2750,359378.3730,1283.1090,BREAKLINE
12222,916640.9810,359385.9730,1282.7960,BREAKLINE

12223,916637.2170,359374.9530,1279.3390,FL ES
12224,916639.8120,359364.2530,1279.2530,FL ES
12225,916624.4650,359366.2840,1278.9400,FL DITCH
12226,916589.8720,359357.8680,1278.8590,FL DITCH
12227,916547.7920,359349.9900,1278.2250,FL DITCH
12228,916531.5470,359351.8740,1278.4330,FL DITCH
12229,916533.8440,359341.4860,1278.4370,FL DITCH

(South of I-10)
5031,916462.0650,359307.4970,1281.3840,BREAKLINE
5032,916459.1740,359318.5560,1281.5240,BREAKLINE
5033,916457.6080,359323.9680,1281.7080,BREAKLINE
5034,916457.6680,359324.8400,1278.1840,BREAKLINE
5035,916457.6650,359325.6220,1281.7750,TOP OF OPENING
5036,916457.4260,359325.7380,1278.1360,RCP
5037,916457.2900,359326.2940,1278.2450,BREAKLINE
5038,916457.3120,359326.6330,1281.5210,BREAKLINE
5039,916456.2570,359330.3450,1281.0360,BREAKLINE
5040,916455.4240,359334.2950,1278.2260,BREAKLINE
5041,916455.3060,359335.1420,1278.1250,RCP
5042,916455.6030,359335.1650,1281.8320,TOP OF OPENING
5043,916455.0760,359335.9280,1278.3370,BREAKLINE
5044,916455.2080,359336.2870,1281.8010,BREAKLINE
5045,916453.9070,359341.5500,1281.2970,BREAKLINE
5046,916451.4010,359350.5320,1281.0150,BREAKLINE
5047,916449.6000,359334.2480,1278.0040,FL ES
5048,916451.8620,359324.6260,1278.0170,FL ES
5049,916435.3980,359320.8540,1277.4160,FL DITCH
5050,916433.3160,359330.7960,1277.2990,FL DITCH
5051,916406.9650,359319.5440,1277.2620,FL DITCH
5052,916381.6840,359308.2290,1277.2480,FL DITCH
5053,916348.5900,359293.9120,1277.8270,FL DITCH
5054,916303.5050,359281.1030,1277.0810,FL DITCH
5055,916269.0570,359283.3160,1277.1070,FL DITCH
5056,916286.5550,359223.4530,1276.9380,BREAKLINE
5057,916282.0080,359240.0370,1277.0650,BREAKLINE
5058,916274.8460,359262.0640,1276.8790,BREAKLINE
5059,916268.8120,359283.2580,1276.9430,BREAKLINE
5060,916263.6110,359300.1640,1277.2040,BREAKLINE
5061,916257.8240,359321.8110,1277.0420,BREAKLINE
5062,916253.7710,359342.1190,1277.1450,BREAKLINE

17 WB NS @ 200'

17 WB NS CLOSE

17 WB MEDIAN @ 100'

17 WB MEDIAN CLOSE

17 EB MEDIAN CLOSE

17 EB MEDIAN @ 100'

17 EB SS @ 200'

17 EB SS Close

COMP.

CK.

DATE 10/23/07

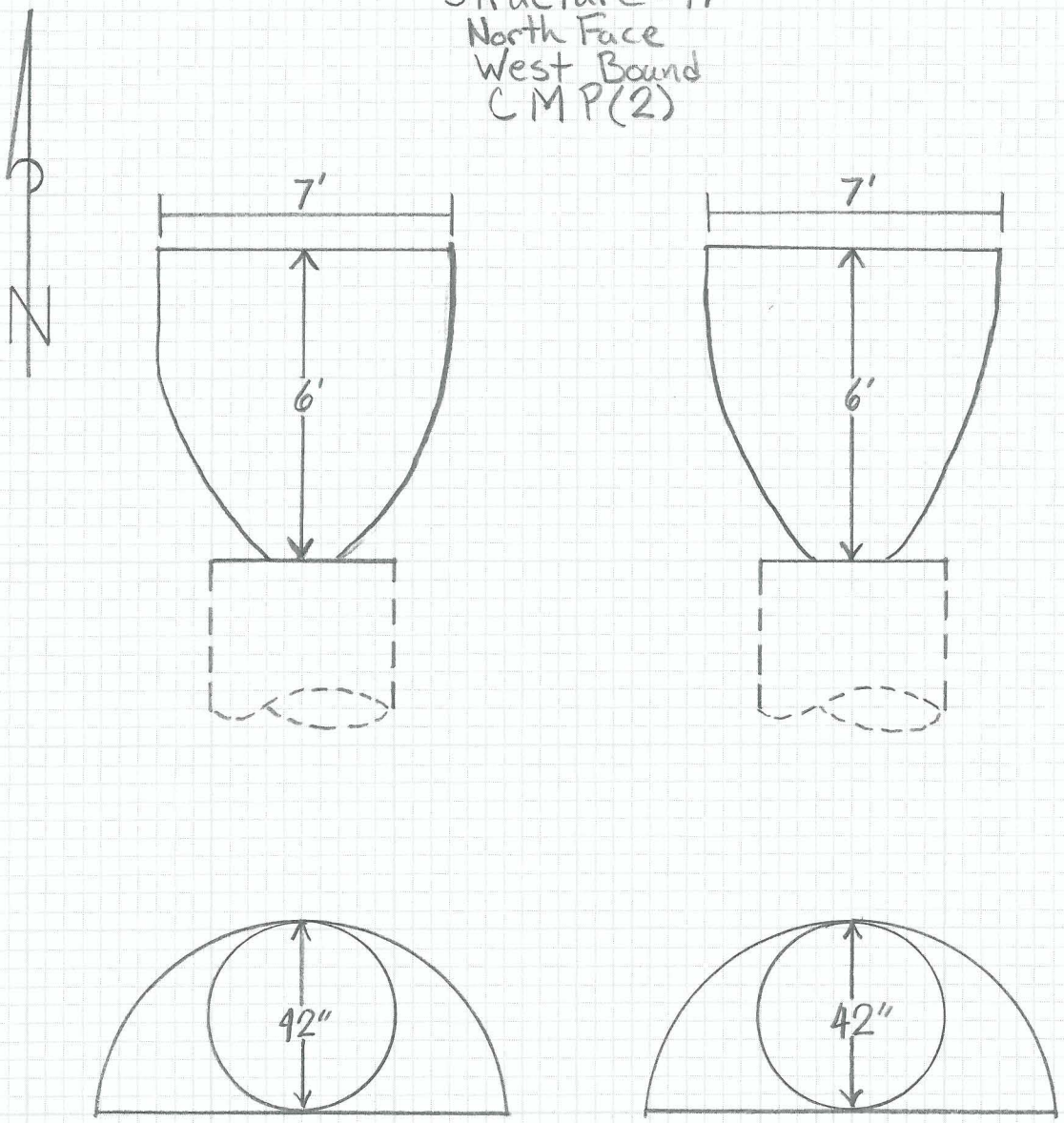
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #17
North Face
West Bound
CMP(2)



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COMP.

CK.

DATE 11-15-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

H. BEJARANO

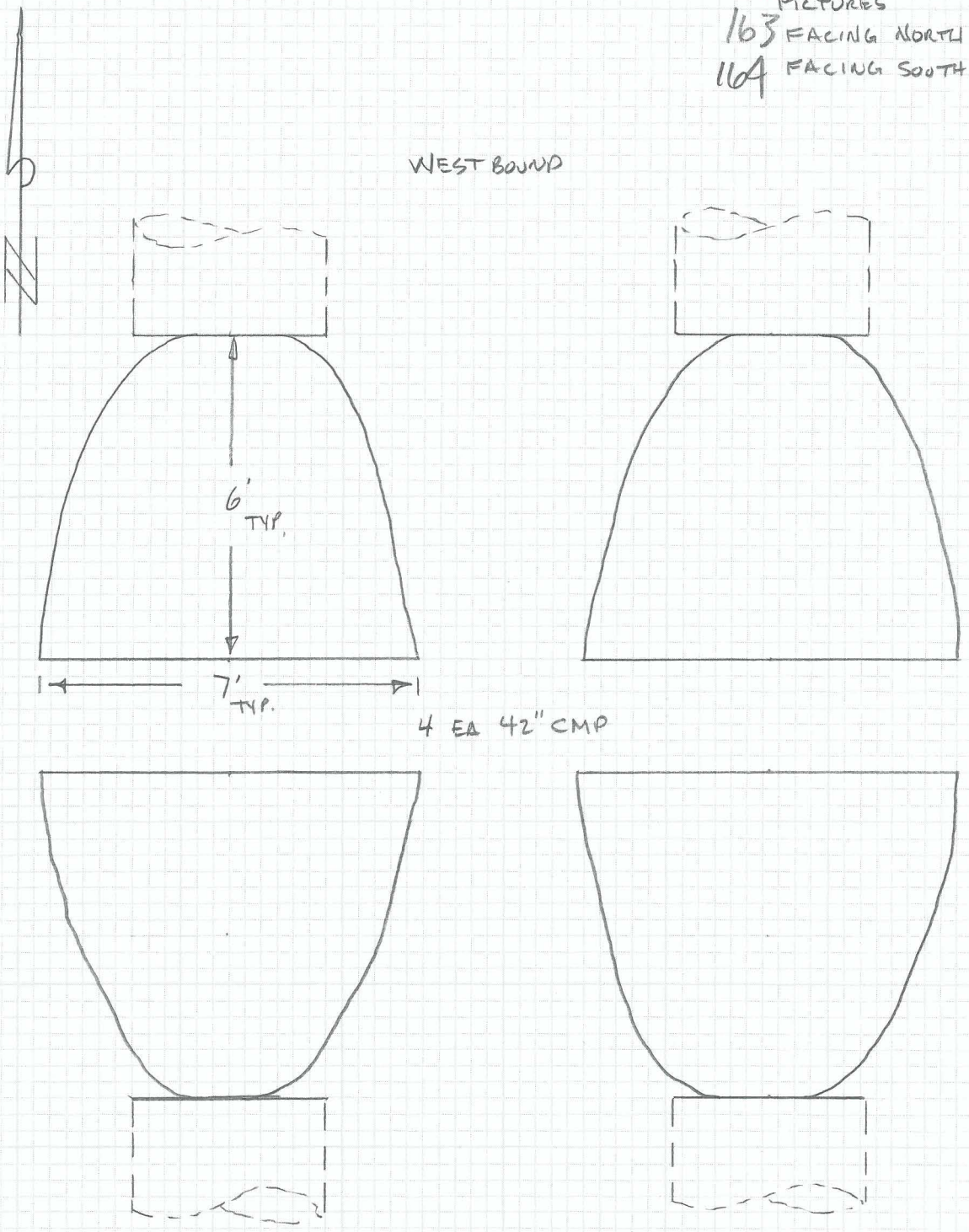
SURVEY DRAINGE STRUCTURE # 17

MEDIAN

PICTURES

163 FACING NORTH 0155

164 FACING SOUTH 0156



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-02-07 | SUBJ. | OF

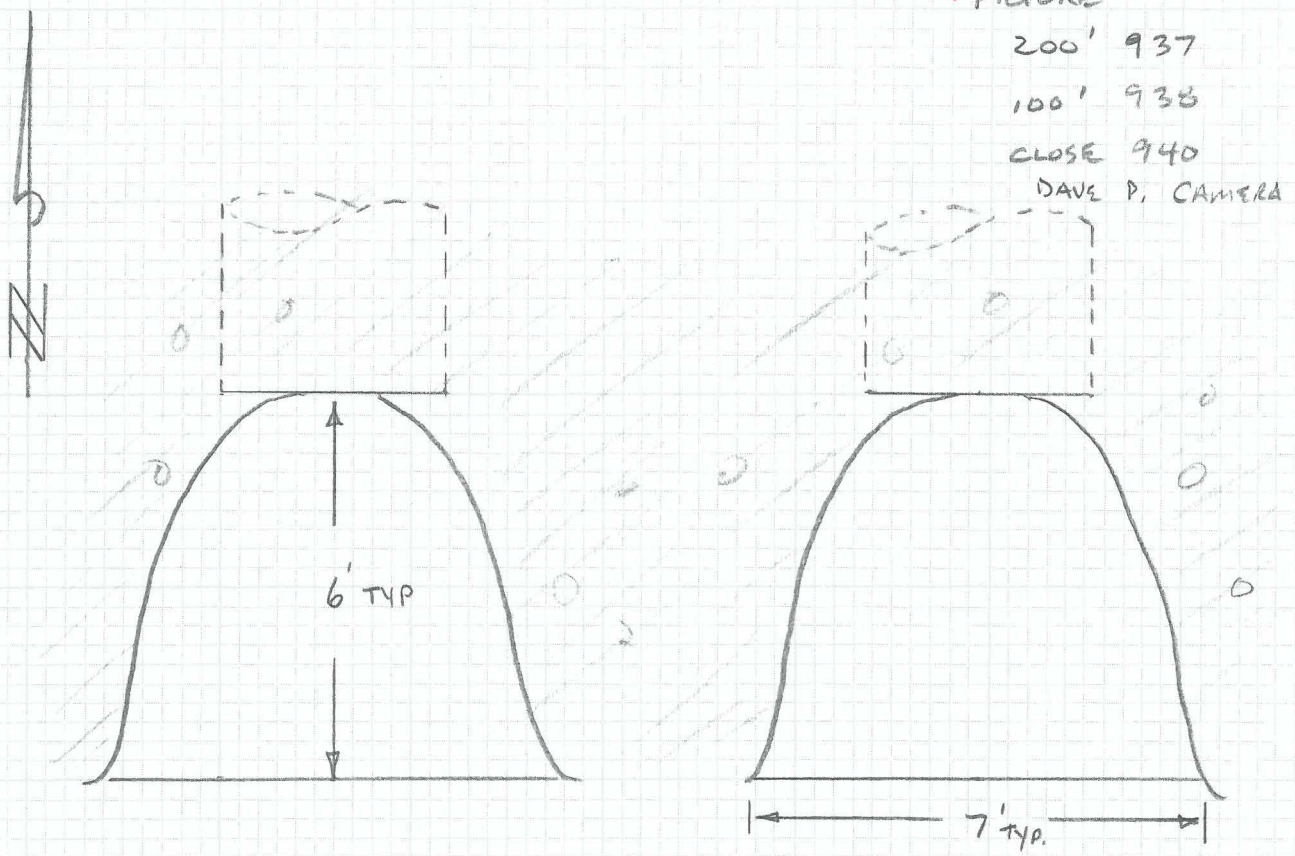
WILSON & COMPANY

GPS POINT NUMBER 5031 ~ 5062

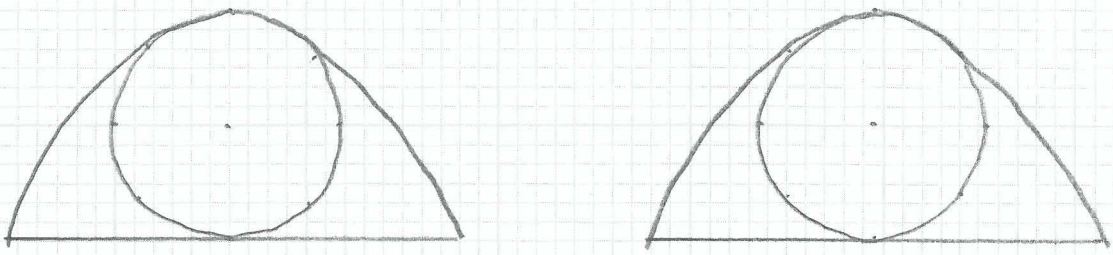
H. BELARNO
D. ACOSTA

SURVEY DRAINAGE STRUCTURE # 17

PICTURE
200' 937
100' 938
CLOSE 940
DAVE P. CAMERA



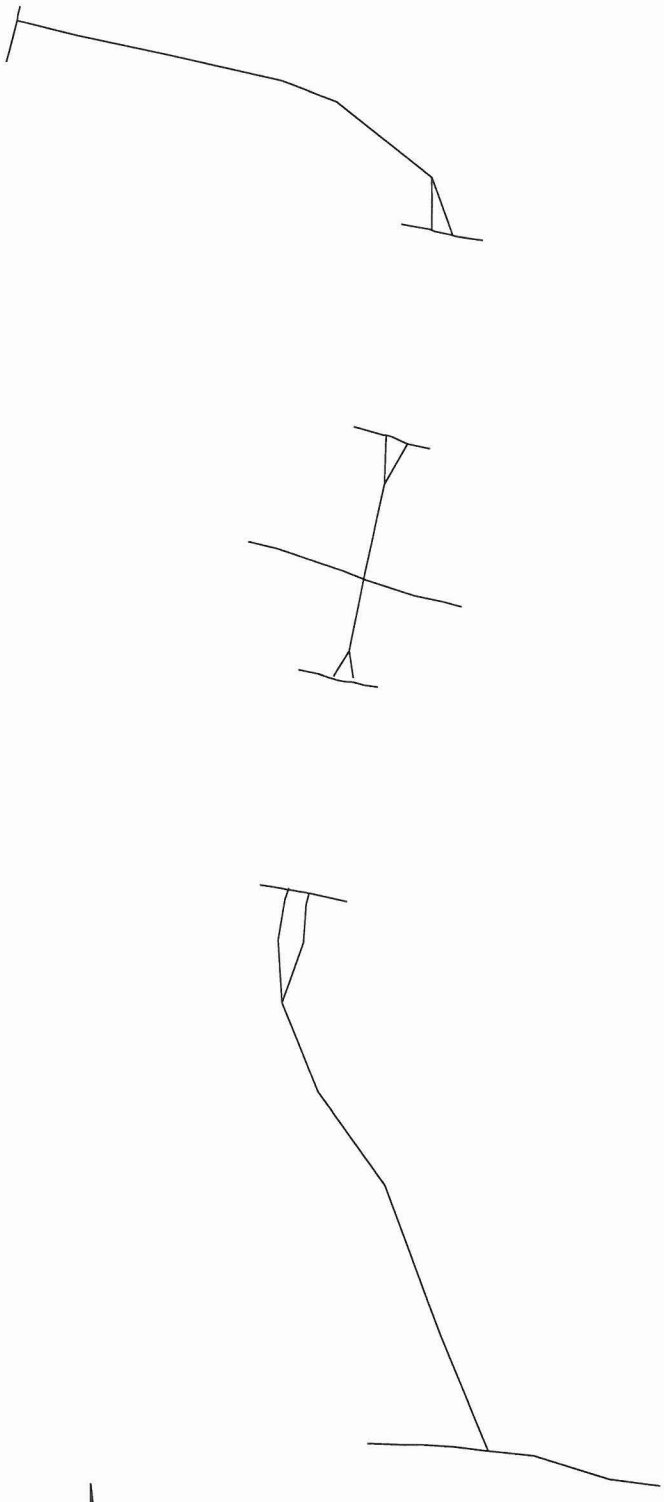
PLAN VIEW



2 EA. 42" CMP

SOUTH FACE

EAST BOUND



18

Sta. 4667+30.00

W&C

Structure #18
Station 4667+30.00

(North of I-10)
10561,916621.6180,359926.1340,1282.8520,BREAKLINE
10562,916622.6190,359918.4930,1282.1930,BREAKLINE
10563,916623.1620,359914.8360,1282.4940,BREAKLINE
10564,916623.3310,359913.7900,1279.6400,BREAKLINE
10565,916623.8180,359912.3710,1279.4460,BREAKLINE
10566,916623.9490,359911.7730,1282.4080,BREAKLINE
10567,916625.2400,359905.5610,1282.3340,BREAKLINE
10568,916625.6140,359904.5530,1279.5970,BREAKLINE
10569,916626.2730,359903.1290,1279.5810,BREAKLINE
10570,916626.3570,359902.6270,1282.4560,BREAKLINE
10571,916627.0510,359898.5410,1282.5620,BREAKLINE
10572,916628.4410,359890.8610,1282.6370,BREAKLINE
10573,916625.4860,359904.1150,1282.6670,TOP OF OPENING
10574,916625.8510,359904.1040,1279.4830,FL DITCH
10575,916623.3390,359913.1600,1282.6010,TOP OF OPENING
10576,916623.4500,359913.1270,1279.4770,FL DITCH
10577,916628.3080,359913.7060,1279.3680,RCP
10578,916630.4680,359904.8380,1279.4060,RCP
10579,916648.7980,359903.9490,1280.1300,FL DITCH
10580,916681.6620,359862.7130,1280.7680,FL DITCH
10581,916690.7470,359838.9610,1280.5960,FL DITCH
10582,916701.7080,359790.4490,1280.8010,FL DITCH
10583,916710.6880,359748.6740,1280.6900,FL DITCH
10584,916716.7520,359724.1710,1280.9250,FL DITCH
10585,916723.0100,359725.0400,1281.5060,BREAKLINE
10586,916719.2750,359724.0920,1281.3710,BREAKLINE
10587,916716.9220,359723.8330,1280.9560,BREAKLINE
10588,916711.7680,359722.5420,1281.9340,BREAKLINE
10589,916709.5710,359722.0370,1281.4140,BREAKLINE
10590,916698.9160,359719.3330,1281.2070,BREAKLINE

(Middle of I-10)
5358,916436.5720,359863.4650,1278.5770,FL ES
5359,916435.0980,359871.9190,1278.5030,FL ES
5360,916435.6090,359847.1140,1280.7100,BREAKLINE
5361,916433.7540,359856.2280,1281.0790,BREAKLINE
5362,916432.1580,359860.7960,1281.3450,BREAKLINE
5363,916431.7940,359862.3150,1278.2680,RCP
5364,916431.5930,359862.4380,1281.5090,TOP OF OPENING
5365,916431.3750,359863.3110,1281.4430,BREAKLINE
5366,916430.5600,359867.1400,1281.5480,BREAKLINE
5367,916430.4900,359869.4690,1281.4350,BREAKLINE
5368,916430.3480,359871.0000,1278.3110,RCP
5369,916430.1030,359870.8230,1281.5430,TOP OF OPENING
5370,916429.9460,359872.3320,1281.4000,BREAKLINE
5371,916428.9910,359875.7720,1281.1710,BREAKLINE
5372,916428.1940,359881.6980,1280.5970,BREAKLINE
5373,916462.8240,359917.6020,1282.0370,BREAKLINE
5374,916465.0560,359909.3100,1281.5240,BREAKLINE
5375,916467.6740,359897.0640,1280.1390,BREAKLINE
5376,916471.2910,359885.9760,1279.1180,BREAKLINE
5377,916474.4700,359876.2950,1278.7880,BREAKLINE
5378,916478.2990,359866.7400,1279.2270,BREAKLINE
5379,916482.3510,359854.7870,1279.8660,BREAKLINE
5380,916488.1270,359837.7330,1279.7630,BREAKLINE
5381,916491.1160,359825.2170,1279.7200,BREAKLINE
12230,916540.8320,359870.8030,1282.3280,BREAKLINE
12231,916537.0960,359883.8800,1282.0170,BREAKLINE
12232,916537.1700,359884.7600,1278.8570,BREAKLINE
12233,916537.4400,359884.6320,1282.0330,TOP OF OPENING

12234,916536.5420,359886.9870,1281.8860,BREAKLINE
12235,916533.3480,359893.9560,1278.8530,BREAKLINE
12236,916535.0750,359893.8390,1282.0760,TOP OF OPENING
12237,916531.2440,359903.6780,1281.9910,BREAKLINE
12238,916530.3790,359893.2970,1279.0440,FL ES
12239,916532.6040,359884.5860,1278.7640,FL ES
12240,916515.9100,359884.1340,1278.7320,FL DITCH
12241,916477.6120,359875.8960,1278.6890,FL DITCH
12242,916443.8330,359869.2120,1278.3090,FL DITCH
12243,916432.1140,359870.9700,1277.9740,FL DITCH
12244,916432.8560,359862.4910,1277.9500,FL DITCH

(South of I-10)
5063,916342.6550,359830.6750,1280.3390,BREAKLINE
5064,916341.8560,359836.2160,1280.5410,BREAKLINE
5065,916340.9870,359841.1320,1280.5010,BREAKLINE
5066,916340.7010,359842.1670,1277.7070,BREAKLINE
5067,916340.5850,359843.3810,1277.6910,BREAKLINE
5068,916341.3040,359843.2310,1279.2580,RCP
5069,916340.7720,359842.3040,1279.5360,TOP OF OPENING
5070,916340.5890,359843.4940,1279.6330,BREAKLINE
5071,916339.7920,359847.7370,1280.0530,BREAKLINE
5072,916339.3640,359850.9480,1279.6820,BREAKLINE
5073,916339.1070,359851.3160,1276.8960,BREAKLINE
5074,916338.9890,359852.6570,1277.1570,BREAKLINE
5075,916339.1130,359852.1560,1276.9940,RCP
5076,916339.4150,359852.0900,1280.1970,TOP OF OPENING
5077,916338.8110,359853.3430,1280.1290,BREAKLINE
5078,916337.7000,359858.4170,1280.4170,BREAKLINE
5079,916335.4140,359868.4650,1280.3980,BREAKLINE
5080,916334.3100,359850.8230,1277.5050,FL ES
5081,916336.2990,359841.5410,1277.2540,FL ES
5082,916318.7920,359838.6130,1277.6480,FL DITCH
5083,916317.7450,359849.6780,1277.7510,FL DITCH
5084,916291.8160,359840.3440,1277.9530,FL DITCH
5085,916253.4680,359856.0290,1277.7110,FL DITCH
5086,916213.0630,359884.9150,1277.3980,FL DITCH
5087,916147.3000,359909.3510,1276.4110,FL DITCH
5088,916098.2320,359929.7450,1276.1740,FL DITCH
5089,916101.4770,359877.4840,1278.3920,BREAKLINE
5090,916100.8850,359892.0250,1277.7900,BREAKLINE
5091,916100.8990,359900.2590,1276.3250,BREAKLINE
5092,916099.9590,359915.0350,1275.7410,BREAKLINE
5093,916098.1060,359929.6620,1276.2340,BREAKLINE
5094,916096.0770,359949.6100,1276.3530,BREAKLINE
5095,916085.8620,359982.5210,1276.2880,BREAKLINE
5096,916083.0850,360004.6040,1276.2630,BREAKLINE

18 WB NS @ 200'

18 WB NS Close

18 EB SS @ 200'

18 EB SS Close

18 WB NS Median

18 EB SS Median

COMP.

CK.

DATE 10/23/2007

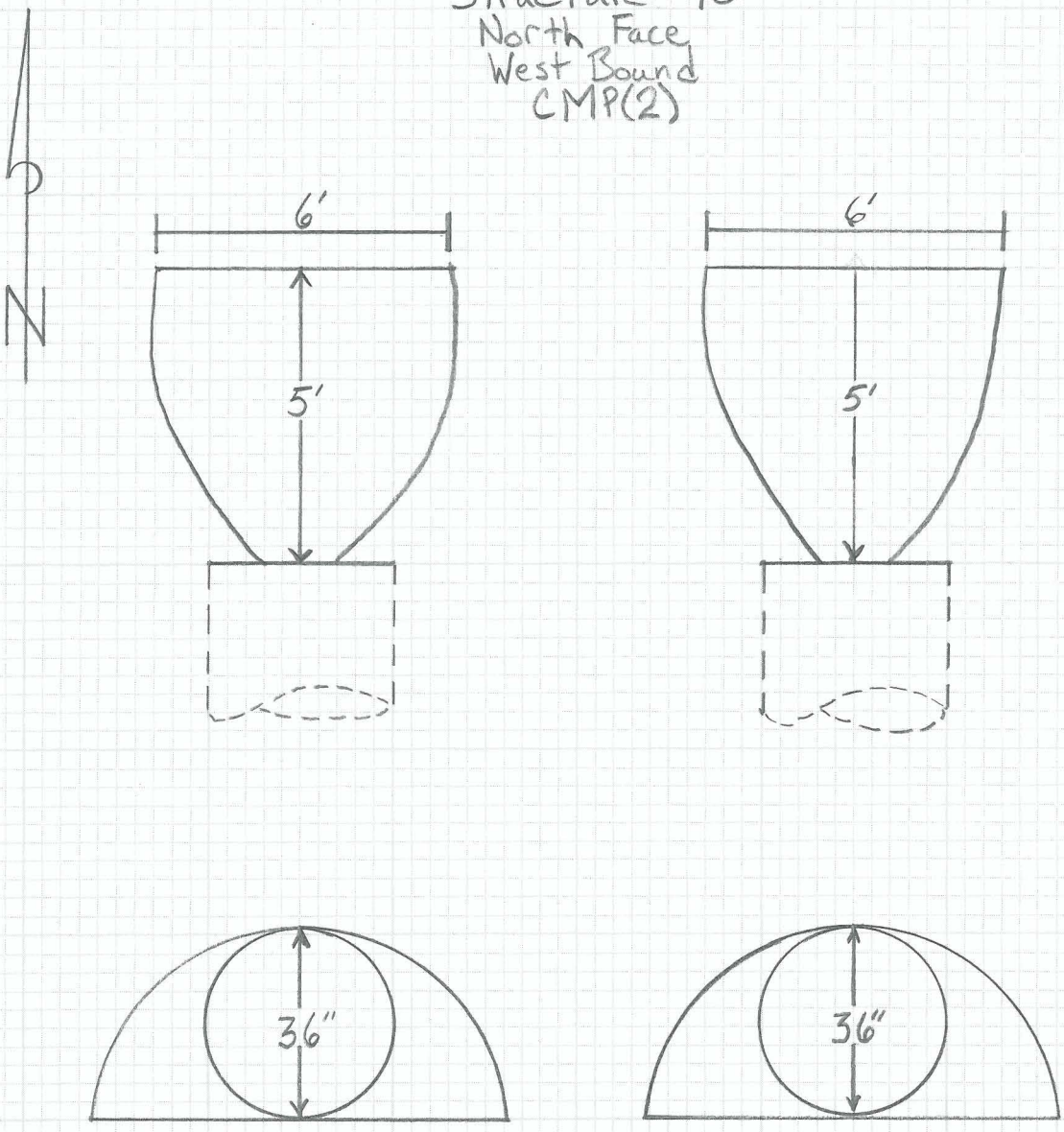
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #18
North Face
West Bound
CMP(2)



RINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

WILSON & COMPANY

CK. | PROJ. | SHEET

DATE 11-15-07 | SUBJ. | OF

GPS POINT NUMBER — H. BEJARANO

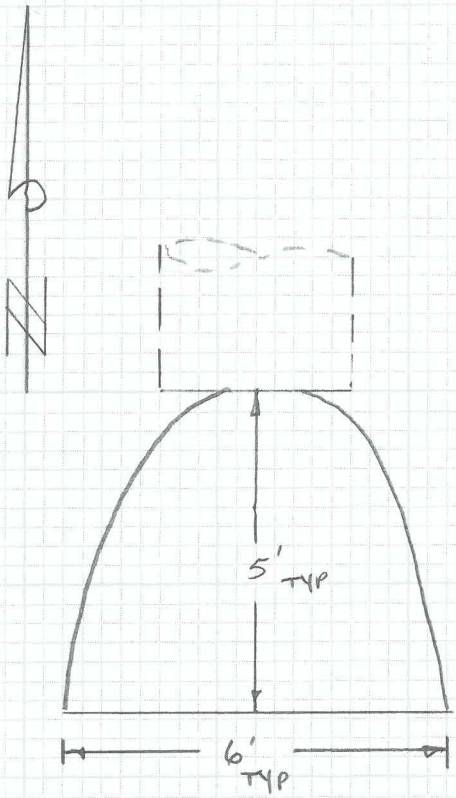
SURVEY DRAINAGE STRUCTURE # 18

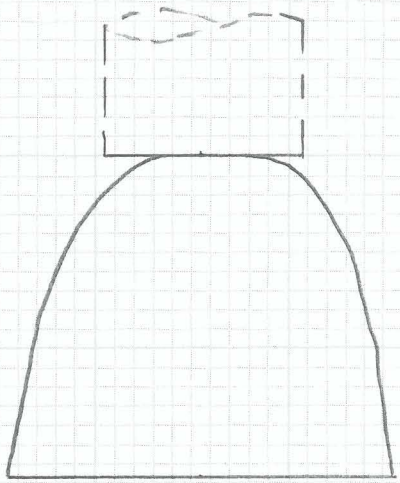
MEDIAN

✓ PICTURES

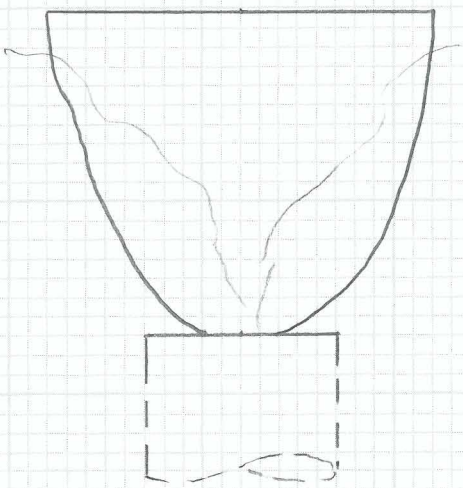
165 FACING NORTH 0157

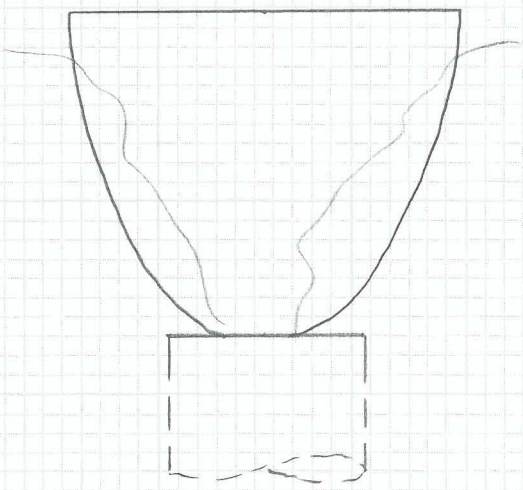
166 FACING SOUTH 0158





4 EA 36" CMP





EAST BOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-02-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER 5063 ~ 5096

H. BELARANO

D. ACOSTA

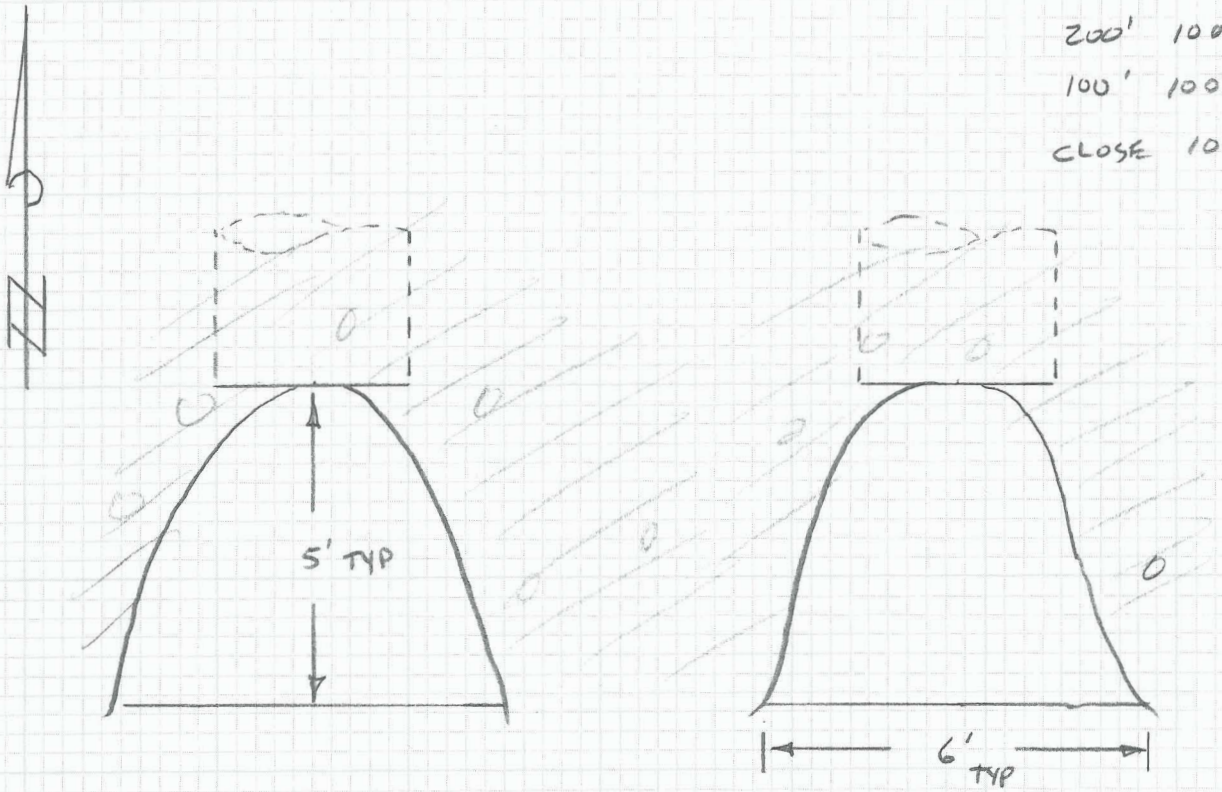
SURVEY DRAINAGE STRUCTURE # 18

✓ PICTURE

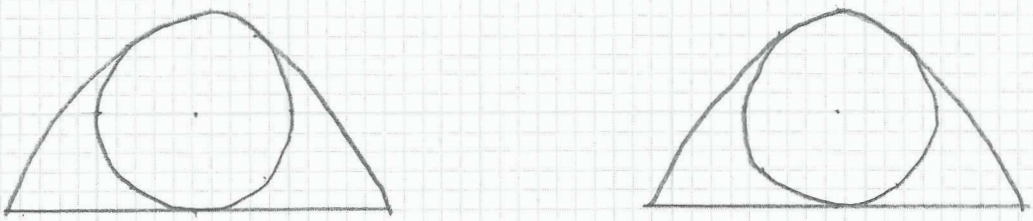
200' 1005

100' 1007

CLOSE 1008



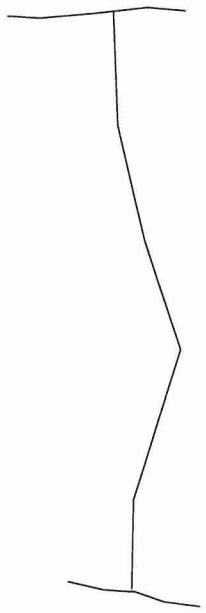
PLAN VIEW

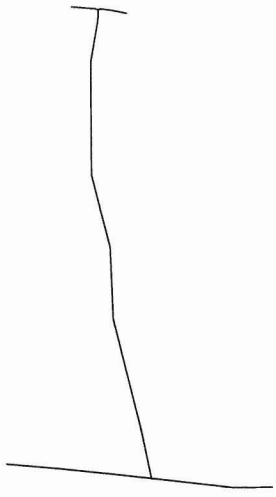


2 EA 36" CMP

SOUTH FACE

EAST BOUND





W&C

19

Sta. 4674+85.00

Structure #19
Station 4674+85.00

(North of I-10)
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2647,916483.4930,360621.8730,1280.9770,BREAKLINE
2648,916487.9580,360609.0600,1280.2210,BREAKLINE
2649,916487.9590,360607.8050,1280.1060,TOP OF OPENING
2650,916488.0690,360607.6560,1280.1270,TOP OF OPENING
2651,916488.0900,360605.2230,1280.0160,BREAKLINE
2652,916488.7900,360595.5140,1280.3690,BREAKLINE
2653,916492.3520,360580.2370,1280.5270,BREAKLINE
2654,916488.0910,360607.6740,1278.0080,RCP
2655,916488.9300,360607.7870,1278.1660,DITCH FLOWLINE
2656,916491.5300,360607.7630,1278.1290,FL ES
2657,916527.7170,360608.4460,1278.2540,DITCH FLOWLINE
2658,916592.7600,360628.6420,1279.6110,DITCH FLOWLINE
2659,916640.1970,360612.8040,1279.9630,DITCH FLOWLINE
2660,916690.2290,360600.9410,1280.7040,DITCH FLOWLINE
2661,916739.6930,360598.9070,1281.3960,DITCH FLOWLINE
2662,916739.6970,360630.3150,1280.8350,BREAKLINE
2663,916741.2310,360613.5750,1281.2360,BREAKLINE
2664,916738.0940,360584.5200,1280.8540,BREAKLINE
2665,916736.6670,360567.3190,1280.6870,BREAKLINE
2666,916737.6420,360553.1030,1281.5560,BREAKLINE

(Middle of I-10)
5382,916295.5050,360585.1170,1278.3910,BREAKLINE
5383,916295.3780,360594.5470,1278.2300,BREAKLINE
5384,916295.4630,360597.6690,1277.7120,BREAKLINE
5385,916295.7260,360598.7240,1275.6960,RCP
5386,916295.4290,360599.7870,1277.8690,BREAKLINE
5387,916294.8520,360603.0850,1278.0250,BREAKLINE
5388,916294.9540,360609.3800,1277.8990,BREAKLINE
5389,916295.4270,360598.6920,1277.8660,TOP OF OPENING
5390,916298.8480,360598.8840,1276.1060,FL ES
5391,916333.3210,360599.0840,1276.4580,FL DITCH
5392,916361.6980,360601.5410,1276.3560,FL DITCH
5393,916358.6550,360600.9410,1276.4130,FL ES
5394,916362.6840,360592.3090,1278.0800,BREAKLINE
5395,916362.0980,360597.7770,1278.2730,BREAKLINE
5396,916361.6930,360599.8640,1278.3100,BREAKLINE
5397,916362.0770,360601.2930,1278.5230,TOP OF OPENING
5398,916361.5080,360602.5390,1278.4610,BREAKLINE
5399,916361.3070,360605.7820,1278.1730,BREAKLINE
5400,916360.6630,360612.3510,1278.5180,BREAKLINE
12245,916337.5180,360578.1850,1276.6150,BREAKLINE
12246,916334.4560,360594.2240,1276.2770,BREAKLINE
12247,916333.1540,360603.1390,1276.1940,BREAKLINE
12248,916332.0790,360624.1560,1277.2830,BREAKLINE

(South of I-10)
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5098,916153.2520,360588.5640,1276.0740,BREAKLINE
5099,916153.0290,360591.4010,1276.2880,BREAKLINE
5100,916152.6870,360592.1400,1274.4510,BREAKLINE
5101,916152.7180,360593.0680,1274.4080,BREAKLINE
5102,916152.7090,360592.5740,1274.3560,RCP
5103,916152.9130,360592.6270,1276.4630,TOP OF OPENING
5104,916152.9630,360593.5820,1276.4160,BREAKLINE
5105,916152.2330,360598.9750,1276.5890,BREAKLINE
5106,916150.9790,360605.0620,1276.6140,BREAKLINE

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5107,916149.9050,360592.6100,1274.3900,FL ES
5108,916147.2890,360592.3450,1273.7340,FL DITCH
5109,916129.8370,360589.3230,1274.0200,FL DITCH
5110,916081.3280,360589.6180,1273.5570,FL DITCH
5111,916049.9810,360597.6240,1273.4570,FL DITCH
5112,916018.8770,360598.9110,1273.5070,FL DITCH
5113,915972.6400,360610.6140,1273.1680,FL DITCH
5114,915950.0100,360615.4160,1273.1020,FL DITCH
5115,915956.6240,360552.6390,1273.6800,BREAKLINE
5116,915954.6520,360575.1920,1273.1190,BREAKLINE
5117,915952.2450,360598.6000,1272.9930,BREAKLINE
5118,915950.3960,360615.3780,1273.1150,BREAKLINE
5119,915948.4900,360631.8550,1273.0220,BREAKLINE
5120,915946.3390,360650.6860,1273.3030,BREAKLINE
5121,915946.5270,360667.8820,1273.2350,BREAKLINE
```

19 WB NS @ 200'

19 WB NS Close

19 EB SS close

19 EB SS @ 200'

19 WB NS Median

19 EB SS Median

COMP.

CK.

DATE 10/23/07

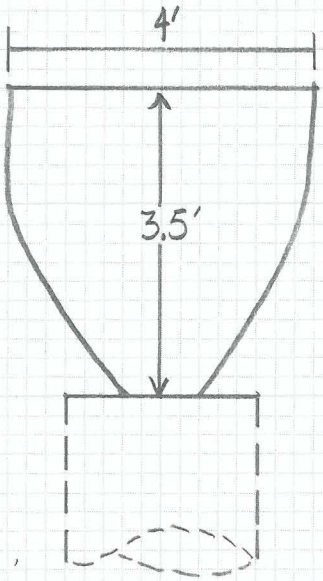
WILSON & COMPANY

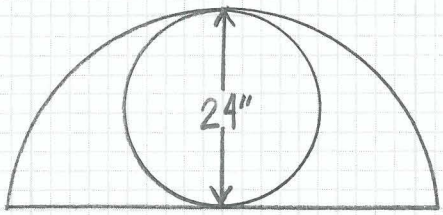
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #19
North Face
West Bound
CMP





PRINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-15-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 19

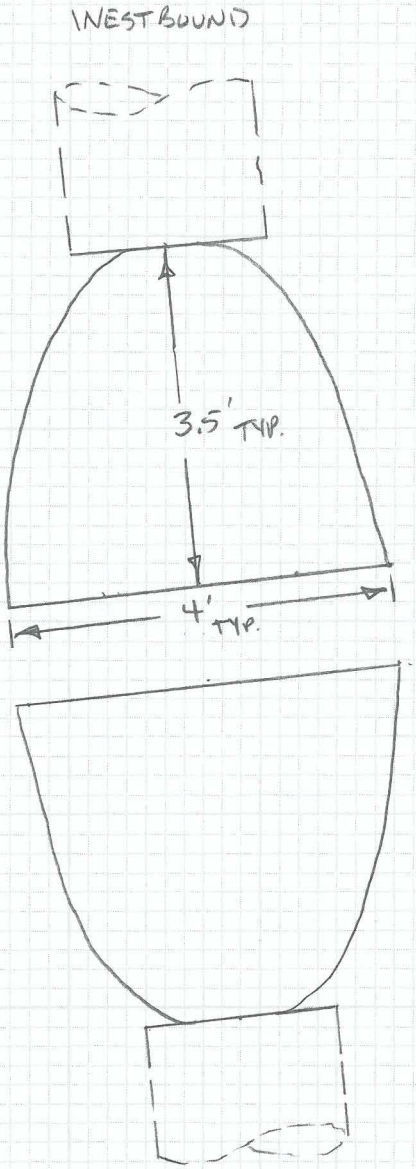
MEDIAN

M. HIBELARANO

✓ PICTURES

167 FACING NORTH 0159

168 FACING SOUTH 0160



2 EA 24" CMP

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-02-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER 5097 ~ 5121

SURVEY DRAINAGE STRUCTURE # 19

H. BEJARANO

D. ACOSTA

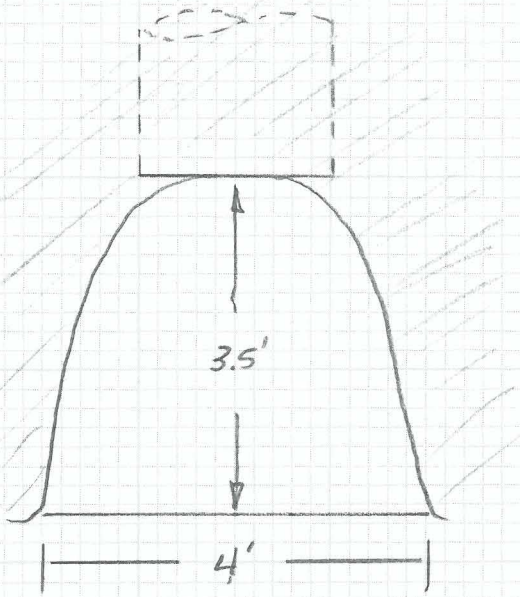
PICTURE

200' 1057

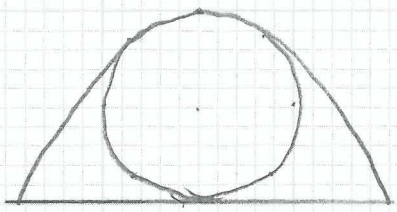
100' 1058

CLOSE 1059

DAVE A CAMERA



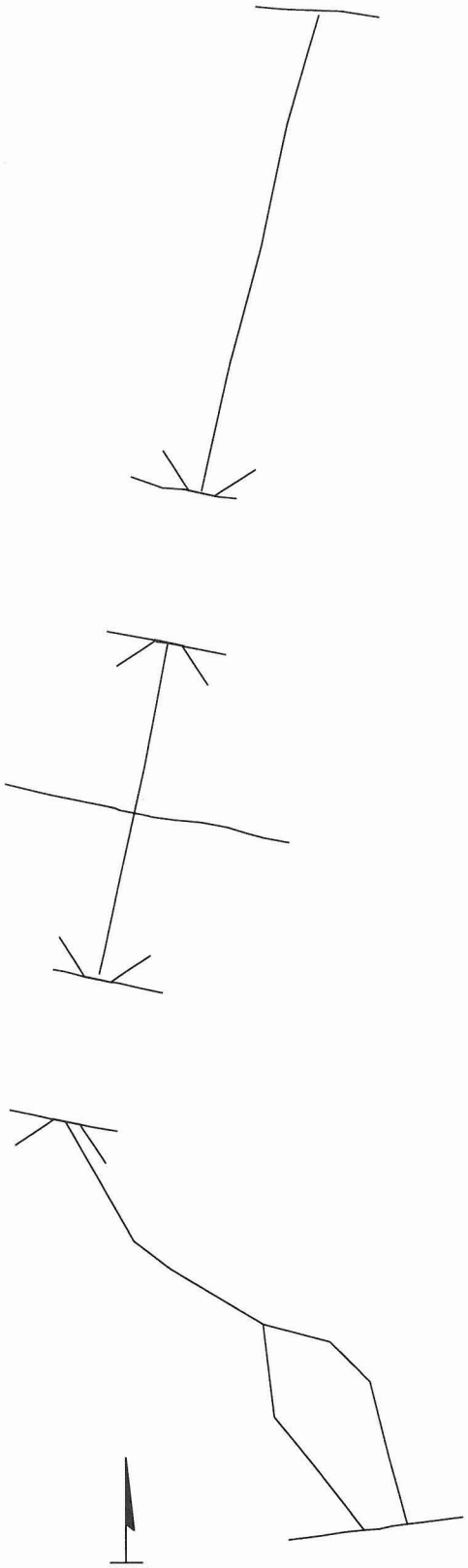
PLAN VIEW



24" CMP DAMAGED

SOUTH FACE

EAST BOUND



20

Sta. 4681+00.00

Structure #20
Station 4681+00.00

(North of I-10)
2622,916335.7110,361263.8830,1284.5070,BREAKLINE
2623,916336.5250,361255.6600,1285.0220,BREAKLINE
2624,916339.7850,361241.3000,1285.0700,BREAKLINE
2625,916340.5740,361230.8690,1284.6020,BREAKLINE
2626,916345.5060,361216.9000,1283.6970,BREAKLINE
2627,916338.0380,361248.9850,1286.2830,TOP OF OPENING
2628,916339.5780,361241.6700,1286.3400,HEADWALL
2629,916336.6170,361255.0470,1286.3270,HEADWALL
2630,916337.0380,361254.4010,1285.3020,WINGWALL
2631,916339.4000,361242.6740,1285.2040,WINGWALL
2632,916357.1670,361231.2180,1280.9310,WINGWALL
2633,916357.4350,361230.9820,1276.3000,SPOT
2634,916348.6570,361272.2530,1280.4540,WINGWALL
2635,916349.4480,361272.1950,1276.0500,SPOT
2636,916339.0500,361248.3830,1271.8280,RCP
2637,916338.7200,361248.4010,1271.4910,FL ES
2638,916396.3480,361260.9040,1272.9540,DITCH FLOWLINE
2639,916448.9860,361274.6290,1275.4470,DITCH FLOWLINE
2640,916503.6610,361285.9320,1276.3680,DITCH FLOWLINE
2641,916552.0310,361299.7720,1276.2170,DITCH FLOWLINE
2642,916550.9250,361326.8090,1276.7350,BREAKLINE
2643,916553.6910,361309.5640,1276.5540,BREAKLINE
2644,916554.6280,361283.7000,1274.7890,BREAKLINE
2645,916555.7760,361271.4390,1274.8910,BREAKLINE

(Middle of I-10)
5401,916115.3740,361231.2780,1284.1340,BREAKLINE
5402,916117.6010,361220.9830,1284.3030,BREAKLINE
5403,916119.7950,361211.8020,1284.4460,BREAKLINE
5404,916120.1620,361209.2790,1284.0120,BREAKLINE
5405,916132.0790,361225.7990,1279.2800,WINGWALL
5406,916125.1210,361215.1660,1282.9530,WINGWALL
5407,916120.5250,361208.4440,1283.9200,WINGWALL
5408,916120.4250,361208.3980,1283.9580,WINGWALL
5409,916120.0140,361208.9350,1284.9010,HEADWALL
5410,916122.7750,361195.5580,1284.9080,HEADWALL
5411,916122.8960,361196.1890,1283.9210,WINGWALL
5412,916123.0200,361196.1820,1283.9580,WINGWALL
5413,916130.4380,361191.4770,1282.8120,WINGWALL
5414,916140.3810,361185.0370,1279.2480,WINGWALL
5415,916120.2200,361208.3580,1270.3260,BREAKLINE
5416,916121.4430,361202.8940,1270.3070,RCP
5417,916122.7540,361196.6430,1271.6900,BREAKLINE
5418,916123.1050,361194.7780,1284.4130,BREAKLINE
5419,916124.9980,361187.5980,1284.3000,BREAKLINE
5420,916125.9360,361182.3430,1284.5440,BREAKLINE
5421,916208.5000,361160.7860,1272.4910,BREAKLINE
5422,916203.7290,361180.4440,1272.3480,BREAKLINE
5423,916197.7380,361210.0440,1272.0810,BREAKLINE
5424,916196.8490,361212.1500,1271.4990,BREAKLINE
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5429,916189.0760,361260.1300,1273.4650,BREAKLINE
5430,916186.2440,361269.2740,1275.4960,BREAKLINE
5431,916184.4290,361275.9970,1276.6970,BREAKLINE
5432,916182.2800,361287.4930,1276.6000,BREAKLINE
12249,916261.0320,361210.6480,1279.8990,WINGWALL
12250,916267.2750,361220.2830,1283.2590,WINGWALL

12251,916272.5130,361228.1210,1284.3790,WINGWALL
12252,916272.8920,361227.4240,1285.3600,HEADWALL
12253,916270.0150,361240.7180,1285.4280,HEADWALL
12254,916269.9520,361239.9370,1284.5710,WINGWALL
12255,916262.2800,361244.9360,1283.5760,WINGWALL
12256,916252.5590,361251.4150,1279.8640,WINGWALL
12257,916270.9980,361234.6100,1283.3450,TOP OF OPENING
12258,916276.4850,361206.2950,1284.6470,BREAKLINE
12259,916272.9370,361225.8710,1284.8110,BREAKLINE
12260,916272.6750,361227.3520,1284.3700,BREAKLINE
12261,916271.7920,361228.6780,1271.5380,BREAKLINE
12262,916271.2640,361233.5390,1271.1880,BREAKLINE
12263,916269.9740,361239.8370,1271.0830,BREAKLINE
12264,916269.6770,361240.8320,1284.5510,BREAKLINE
12265,916269.5290,361241.7720,1284.8020,BREAKLINE
12266,916265.9880,361259.4600,1285.0130,BREAKLINE
12267,916243.6350,361228.3620,1271.2870,FL DITCH
12268,916216.4570,361223.1700,1271.2150,FL DITCH
12269,916188.2590,361217.0050,1271.0020,FL DITCH
12270,916160.8520,361210.9900,1271.0590,FL DITCH
12271,916136.0330,361205.7920,1270.8130,FL DITCH
12272,916123.8820,361202.8620,1270.6040,FL DITCH

(South of I-10)
5122,916063.4230,361162.8990,1282.6960,BREAKLINE
5123,916061.0530,361174.4130,1282.9970,BREAKLINE
5124,916059.1800,361182.2440,1283.4360,BREAKLINE
5125,916059.1610,361182.5960,1270.5000,BREAKLINE
5126,916058.2120,361187.7620,1270.0730,FL DITCH
5127,916056.8400,361194.3630,1271.0540,BREAKLINE
5128,916056.8680,361194.6930,1283.4840,BREAKLINE
5129,916055.8170,361199.2280,1283.1360,BREAKLINE
5130,916053.8580,361211.0290,1282.2200,BREAKLINE
5131,916047.7440,361165.3650,1279.0590,WINGWALL
5132,916054.0450,361174.9740,1282.3360,WINGWALL
5133,916058.3130,361181.2680,1283.4530,WINGWALL
5134,916059.0750,361182.4360,1283.5100,WINGWALL
5135,916059.5070,361181.8810,1284.5060,HEADWALL
5136,916056.7720,361195.1820,1284.5150,HEADWALL
5137,916056.6880,361194.4980,1283.4890,WINGWALL
5138,916055.5490,361195.1210,1283.4540,WINGWALL
5139,916049.2290,361199.3490,1282.3800,WINGWALL
5140,916039.5280,361205.8290,1279.0790,WINGWALL
5141,916004.7880,361218.4130,1269.8320,FL DITCH
5142,915992.2200,361234.9300,1269.6440,FL DITCH
5143,915967.6540,361275.8150,1269.6090,FL DITCH
5144,915926.3560,361280.8110,1269.0600,FL DITCH
5145,915905.6480,361297.5600,1268.5840,FL DITCH
5146,915875.6920,361320.8400,1268.6900,FL DITCH
5147,915959.7670,361305.4730,1270.2290,FL DITCH
5148,915942.0470,361323.3560,1269.5750,FL DITCH
5149,915906.5670,361332.3520,1268.9310,FL DITCH
5150,915879.1120,361339.9460,1268.7270,FL DITCH
5151,915881.7550,361365.0890,1269.7120,BREAKLINE
5152,915879.2660,361345.2050,1269.5670,BREAKLINE
5153,915878.6420,361339.6770,1268.8000,BREAKLINE
5154,915877.7630,361333.1550,1269.5410,BREAKLINE
5155,915876.4760,361327.6030,1269.5490,BREAKLINE
5156,915876.0980,361321.7250,1268.6090,BREAKLINE
5157,915875.1300,361312.2260,1269.4810,BREAKLINE
5158,915873.2960,361300.1690,1270.4250,BREAKLINE
5159,915871.6980,361286.9960,1270.6230,BREAKLINE

20 WB NS @ 200'

20 WB NS Close

20 EB SS @ 200'

20 EB SS Close

20 WB NS Median

20 EB SS Median

COMP.

CK.

DATE 10-23-07

WILSON & COMPANY

SR/AJ

LOC. TONOPAH FILE

PROJ. J-10 STRUCTURES SHEET

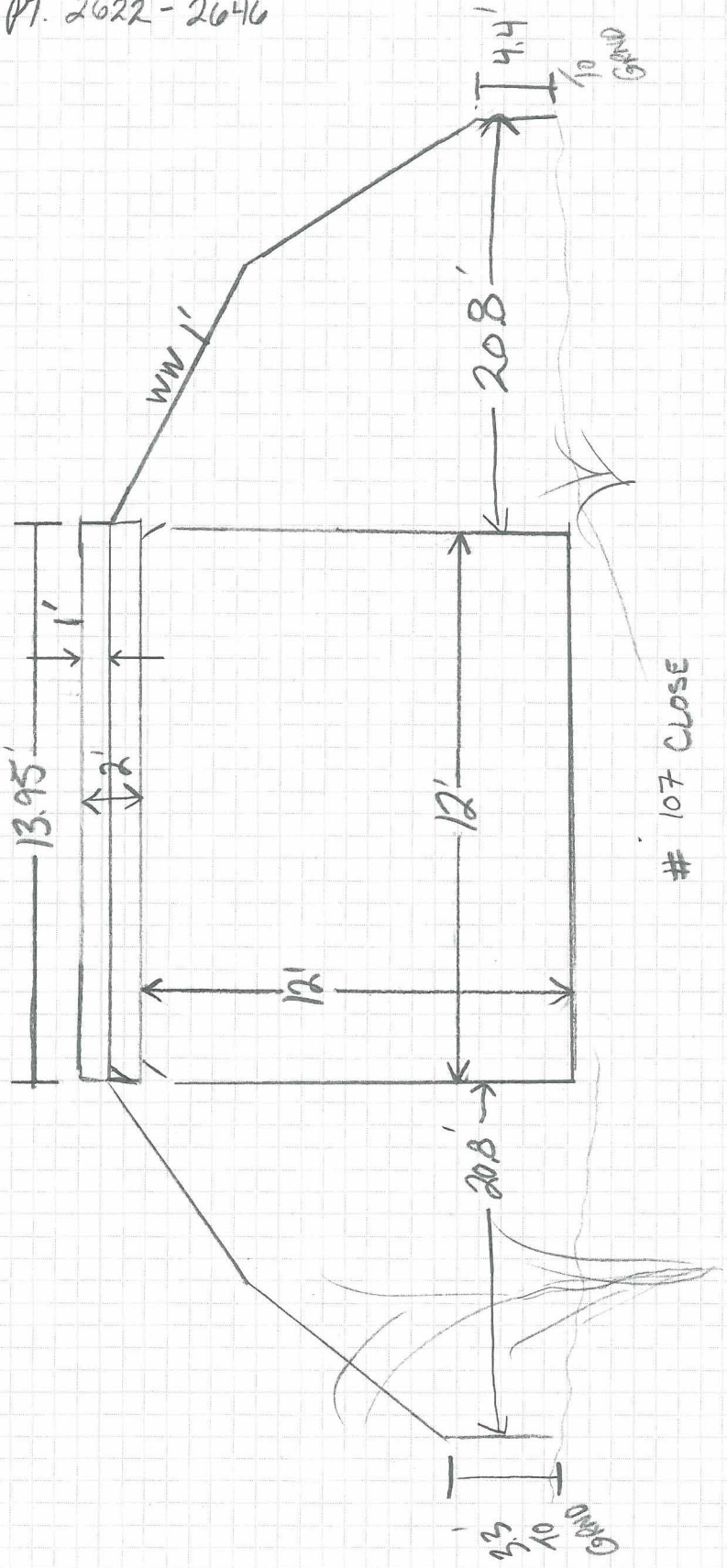
SUBJ. STRUCTURE 20 OF

North Face / West Bound

PIC # 107-109

WBWS

PT. 2622 - 2646



107 CLOSE

108 75'

109 200'

N

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COMP. | CK. | DATE 11-15-07

WILSON & COMPANY

LOC. | FILE | PROJ. | SHEET | SUBJ. | OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 20

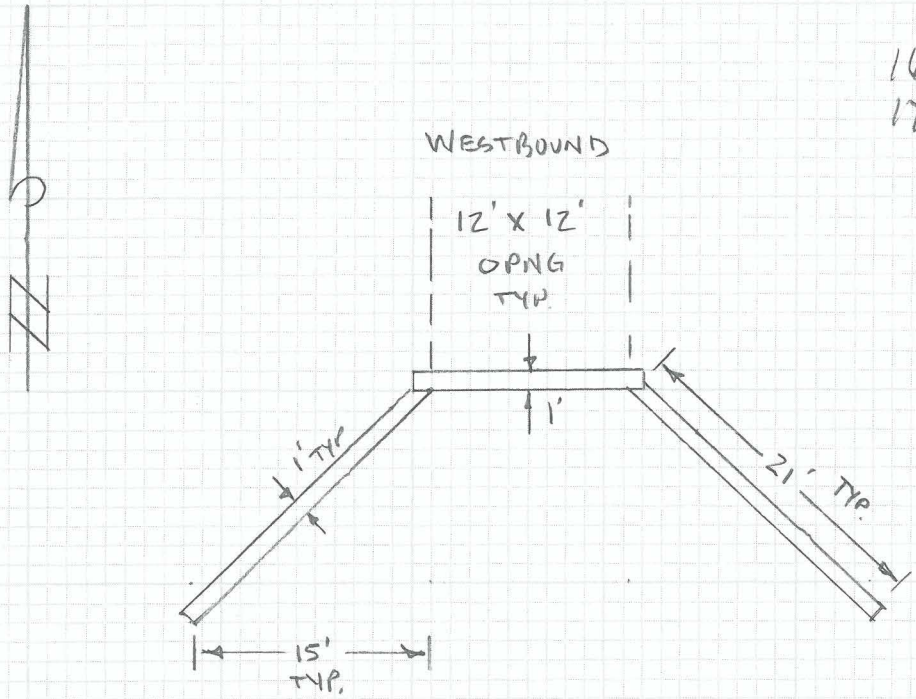
MEDIAN

H. BEJARANO

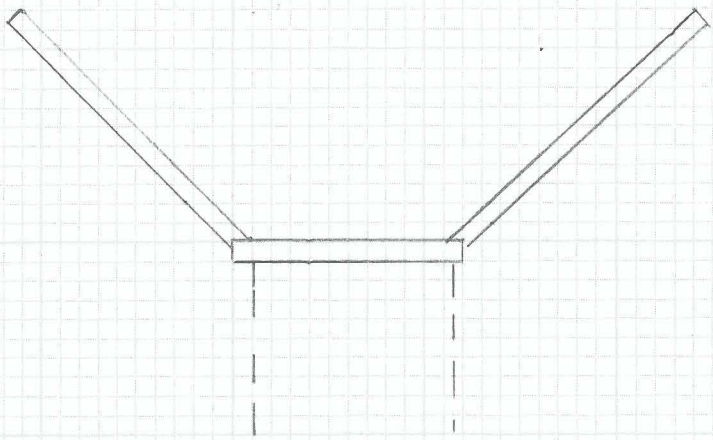
PICTURES

169 FACING NORTH 0161

170 FACING SOUTH 0162



2 EA. SINGLE BARREL BOX CULVERT



EASTBOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-02-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER 5122 ~ 5159

SURVEY DRAINAGE STRUCTURE #20

H. BEJARANO

D. ACOSTA

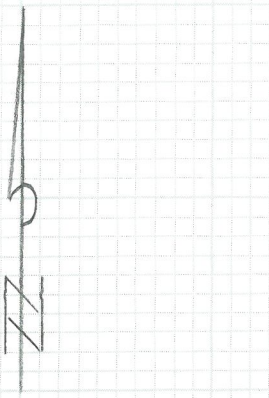
PICTURE

200' 1142

100' 1140 A

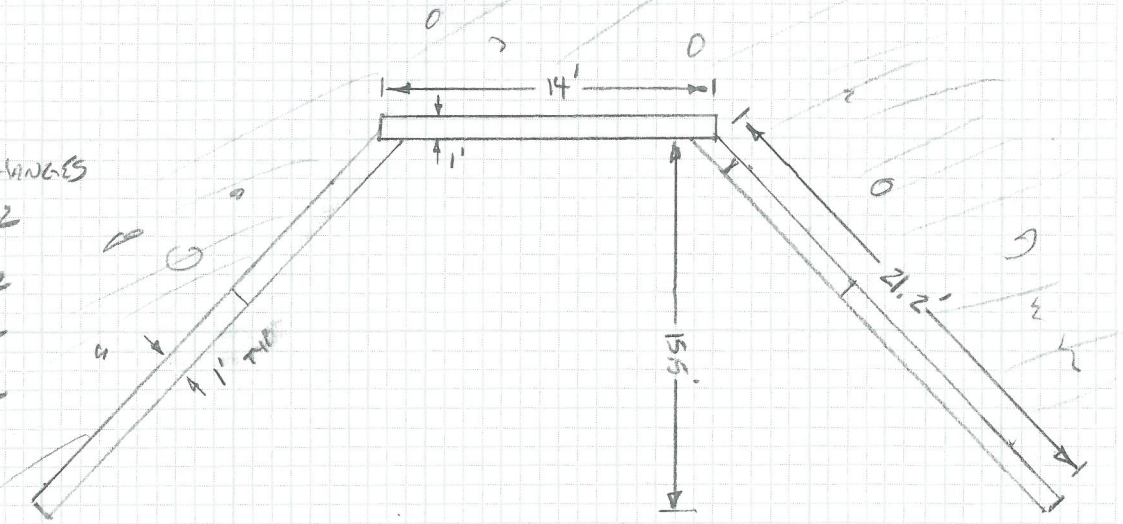
CLOSE 1140

DAVE A. CAMERA

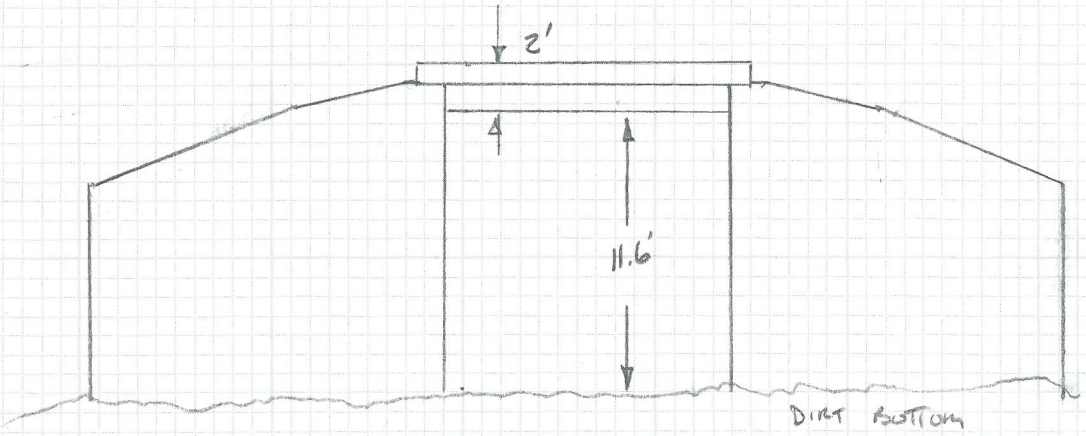


ANTENNA HEIGHT CHANGES

5125	19.262
5126	20.562
5127	18.662
5128	6.562



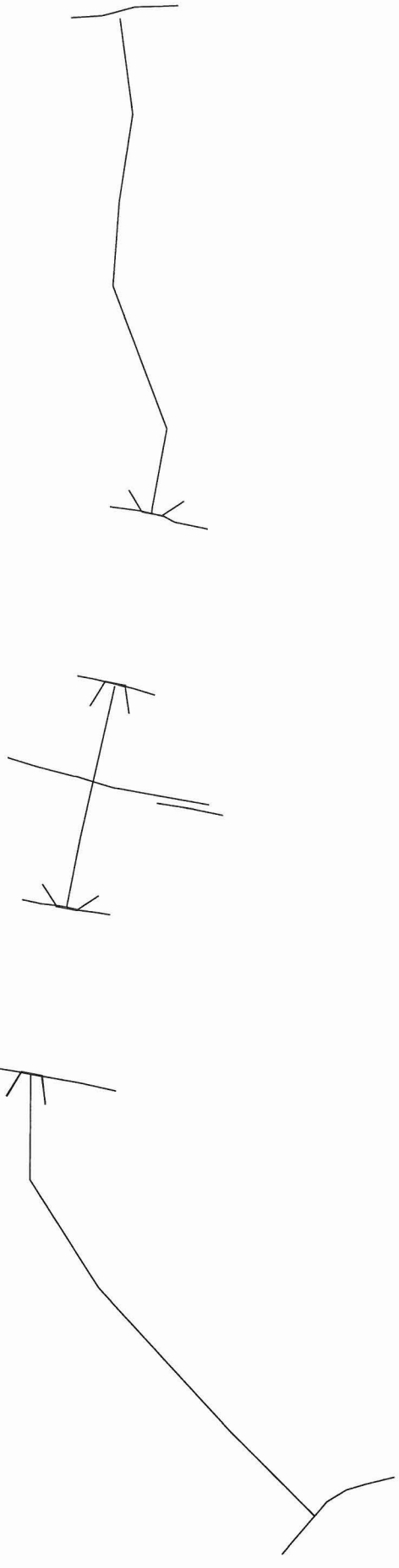
PLAN VIEW



ROADWAY UNDER I-10

SOUTH FACE

EAST BOUND



21

Sta. 4686+75.00

Structure #21
Station 4686+75.00

(North of I-10)
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2597,916482.1200,361814.7490,1273.4820,BREAKLINE
2598,916481.8330,361801.1710,1273.9400,BREAKLINE
2599,916477.4460,361784.6410,1273.9390,BREAKLINE
2600,916476.4010,361768.7650,1273.3170,BREAKLINE
2601,916475.9190,361793.6740,1273.8540,DITCH FLOWLINE
2602,916426.8840,361800.4030,1272.6440,DITCH FLOWLINE
2603,916381.9280,361793.6980,1271.5950,DITCH FLOWLINE
2604,916338.5610,361790.6540,1271.2520,DITCH FLOWLINE
2605,916265.1760,361818.6750,1271.0100,DITCH FLOWLINE
2606,916225.1420,361811.3820,1270.0970,DITCH FLOWLINE
2607,916222.1770,361811.0730,1270.1220,RCP
2608,916222.2150,361811.0630,1270.0500,DITCH FLOWLINE
2609,916228.0940,361827.4990,1272.0400,SPOT
2610,916228.0660,361827.5700,1273.8830,WINGWALL
2611,916233.9310,361799.5990,1272.2470,SPOT
2612,916233.8440,361799.3050,1273.6930,WINGWALL
2613,916222.8470,361805.9250,1275.6950,WINGWALL
2614,916222.6470,361805.9740,1276.7090,HEADWALL
2615,916220.5800,361817.0990,1276.5680,HEADWALL
2616,916220.8170,361816.5040,1275.6990,WINGWALL
2617,916225.3110,361789.5820,1278.4190,BREAKLINE
2618,916223.2720,361804.8660,1275.9040,BREAKLINE
2619,916220.2580,361817.4990,1275.8770,BREAKLINE
2620,916217.3190,361822.8930,1277.1660,BREAKLINE
2621,916213.8080,361839.7280,1278.7450,BREAKLINE

(Middle of I-10)
5433,916024.1340,361745.3440,1276.5950,BREAKLINE
5434,916021.9940,361755.2750,1275.9340,BREAKLINE
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5436,916021.2150,361762.7100,1274.3830,WINGWALL
5437,916020.7720,361763.0410,1274.3790,WINGWALL
5438,916020.6560,361762.4640,1275.3880,HEADWALL
5439,916018.5160,361773.6940,1275.3410,HEADWALL
5440,916019.7610,361768.6060,1273.3880,TOP OF OPENING
5441,916018.8920,361773.3670,1274.3610,WINGWALL
5442,916019.1050,361773.6990,1274.3840,WINGWALL
5443,916026.0870,361784.3110,1272.3650,WINGWALL
5444,916021.0450,361763.7560,1268.4260,BREAKLINE
5445,916020.2700,361768.0070,1268.3760,RCP
5446,916019.2490,361772.7380,1268.8820,BREAKLINE
5447,916055.3950,361774.8750,1269.2070,FL DITCH
5448,916083.9620,361781.3020,1269.5200,FL DITCH
5449,916110.6770,361787.3440,1269.7950,FL DITCH
5450,916133.4910,361792.3540,1269.3380,FL DITCH
5451,916018.6810,361774.3220,1274.4240,BREAKLINE
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12275,916135.6520,361787.4740,1274.8830,WINGWALL
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12279,916119.4200,361799.7370,1272.4830,WINGWALL
12280,916134.4630,361792.3820,1273.9320,TOP OF OPENING
12281,916128.9070,361812.8650,1276.5730,BREAKLINE
12282,916132.0530,361802.6740,1275.8070,BREAKLINE
12283,916133.2210,361798.2350,1275.0510,BREAKLINE

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12285,916133.1860,361797.4720,1269.3280,BREAKLINE
12286,916134.4160,361792.6240,1269.1450,BREAKLINE
12287,916135.5200,361788.0150,1269.6200,BREAKLINE
12288,916135.7870,361786.7120,1275.1160,BREAKLINE
12289,916137.0980,361781.4160,1276.4530,BREAKLINE
12290,916138.5820,361773.3860,1276.8720,BREAKLINE
12291,916096.7830,361737.6890,1270.8940,BREAKLINE
12292,916092.1980,361752.6440,1270.7180,BREAKLINE
12293,916087.1490,361771.8960,1269.7400,BREAKLINE
12294,916087.2420,361772.6930,1269.4950,BREAKLINE
12295,916084.9730,361779.7970,1269.2460,BREAKLINE
12296,916081.7670,361790.2840,1269.5000,BREAKLINE
12297,916081.2640,361792.1550,1269.7430,BREAKLINE
12298,916080.8550,361794.9790,1269.7960,BREAKLINE
12299,916079.2040,361803.9170,1271.2690,BREAKLINE
12300,916072.5400,361840.7410,1275.2330,BREAKLINE
12301,916073.4020,361814.1190,1272.8690,BREAKLINE
12302,916070.5400,361832.0660,1274.7830,BREAKLINE
12303,916067.2300,361847.9060,1275.7190,BREAKLINE

(South of I-10)
5161,915931.7710,361767.2370,1276.3770,BREAKLINE
5162,915933.9290,361755.7540,1274.2930,BREAKLINE
5163,915935.5420,361749.9400,1274.9760,TOP OF OPENING
5164,915936.0960,361744.1490,1274.2510,BREAKLINE
5165,915937.4980,361735.3530,1276.1760,BREAKLINE
5166,915923.8880,361736.9450,1270.0310,SPOT
5167,915923.7480,361737.4180,1271.6400,WINGWALL
5168,915936.1870,361744.9500,1274.1020,WINGWALL
5169,915936.3220,361744.8210,1275.0540,HEADWALL
5170,915934.2020,361755.7890,1275.0210,HEADWALL
5171,915933.9330,361755.6890,1274.0010,WINGWALL
5172,915919.4080,361757.0860,1271.4620,WINGWALL
5173,915919.3200,361757.5990,1270.4410,SPOT

11163,915926.3720,361793.2030,1276.6060,BREAKLINE
11164,915930.5690,361774.4880,1276.5250,BREAKLINE
11165,915933.7120,361756.4250,1274.3480,BREAKLINE
11166,915934.2630,361755.6280,1274.8140,HEADWALL
11167,915936.0250,361744.6080,1274.8650,HEADWALL
11168,915936.0560,361744.7180,1273.8490,WINGWALL
11169,915933.9900,361754.6150,1268.2410,BREAKLINE
11170,915934.8580,361749.7730,1267.8360,FL DITCH
11171,915935.7760,361745.1080,1267.8850,BREAKLINE
11172,915936.1850,361743.5060,1274.1900,BREAKLINE
11173,915938.5820,361728.9860,1276.3660,BREAKLINE
11174,915940.3580,361716.5420,1276.3260,BREAKLINE
11175,915935.2040,361749.7320,1272.8550,TOP OF OPENING
11176,915923.7930,361737.0610,1271.3060,WINGWALL
11177,915934.0760,361755.3320,1273.8210,WINGWALL
11178,915919.8590,361757.2030,1271.2390,WINGWALL
11179,915920.6160,361747.1170,1267.8230,FL ES
11180,915919.7020,361756.0140,1268.9380,SPOT
11181,915923.5120,361737.5340,1269.4100,SPOT
11182,915881.0550,361749.2810,1267.9360,FL DITCH
11183,915825.7100,361784.2920,1267.5380,FL DITCH
11184,915751.5420,361852.1540,1266.9030,FL DITCH
11185,915709.4080,361894.5500,1266.3600,FL DITCH
11186,915689.6500,361878.1430,1267.5780,BREAKLINE
11187,915700.7750,361887.7820,1268.1540,BREAKLINE
11188,915705.6720,361892.0020,1266.6030,BREAKLINE
11189,915712.0430,361897.6850,1266.5890,BREAKLINE
11190,915716.2450,361901.2240,1268.1790,BREAKLINE
11191,915722.2840,361911.2600,1266.5530,BREAKLINE
11192,915725.2490,361921.2630,1266.5960,BREAKLINE

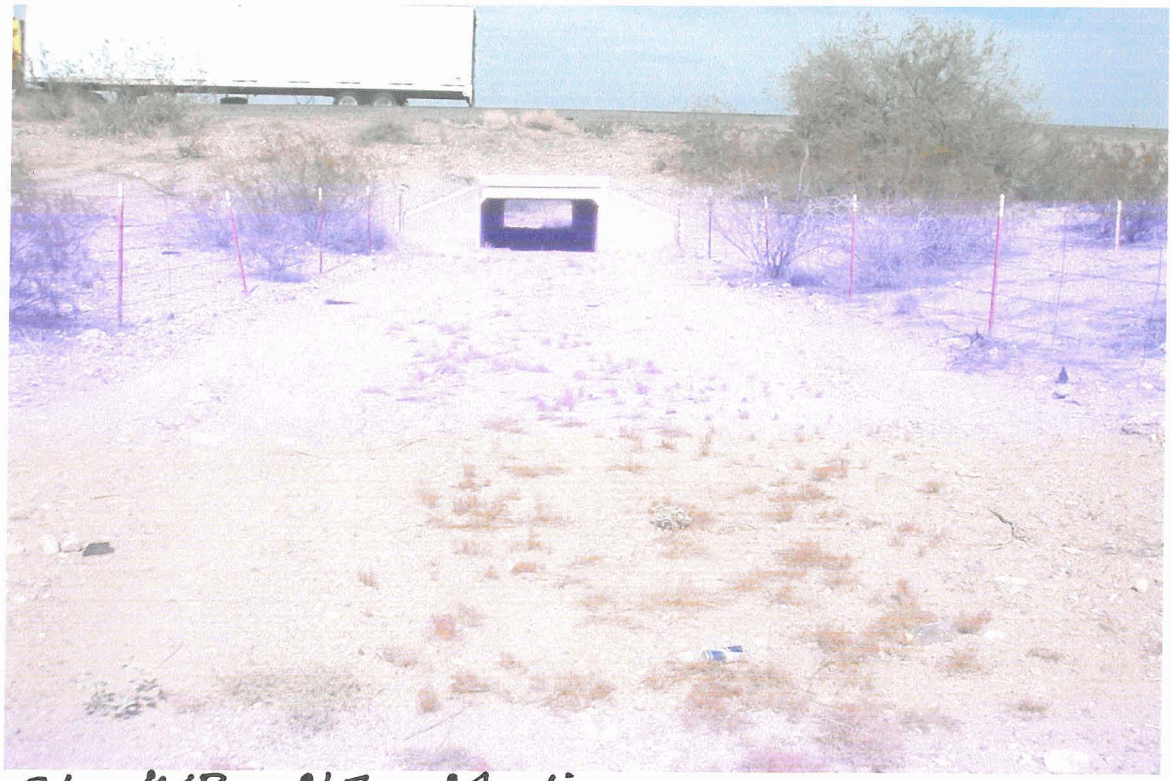
11193,915728.7890,361936.0370,1268.1860,BREAKLINE

21 WB NS @ 200'

21 WB NS Close

22 EB SS @ 2001

21 EB SS close



21 WB NS Median

21 EB SS Median

COMP.

CK.

DATE 10-22-07

WILSON & COMPANY

SR/AJ

LOC. TONOPAH, AZ FILE

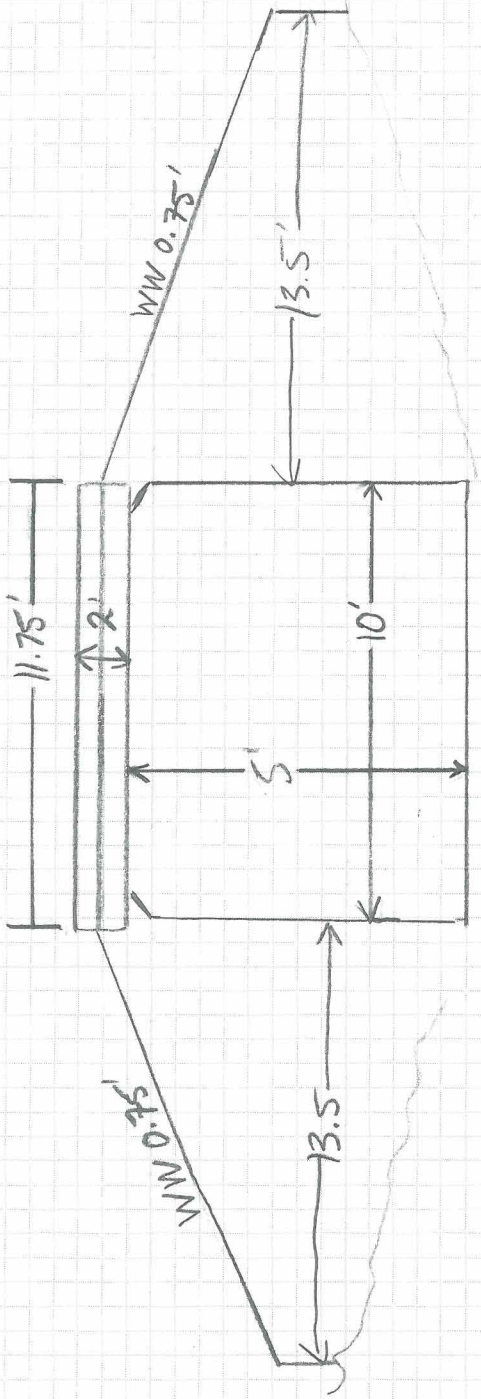
PROJ. I-10 STRUCTURES SHEET

SUBJ. OF

PT RANGE 2596 - 2621

Structure #21
North Face
West Bound

PIC #101 - 103



#103 CLOSE

#102 75'

#101 200'

PRINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-15-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER — H. BEJARANO

SURVEY DRAINAGE STRUCTURE # 21

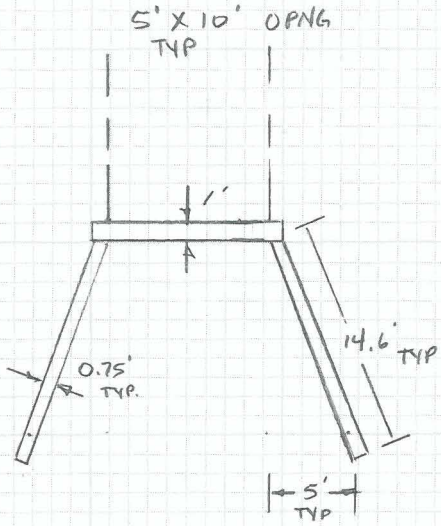
MEDIAN

PICTURES

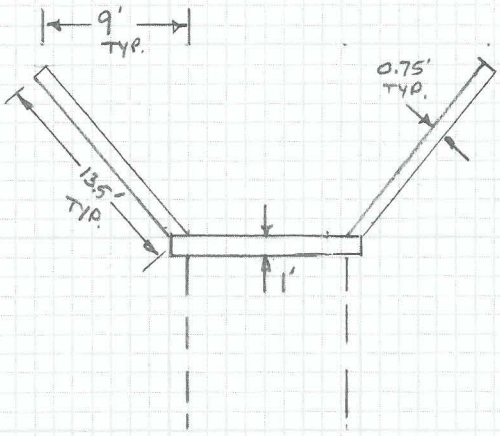
171 FACING NORTH 0163

172 FACING SOUTH 0164

WESTBOUND



1 EA. SINGLE BARREL BOX CULVERT



EAST BOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-05-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER 5160 ~

SURVEY DRAINAGE STRUCTURE # 21

H. BEJARANO

A. JONES

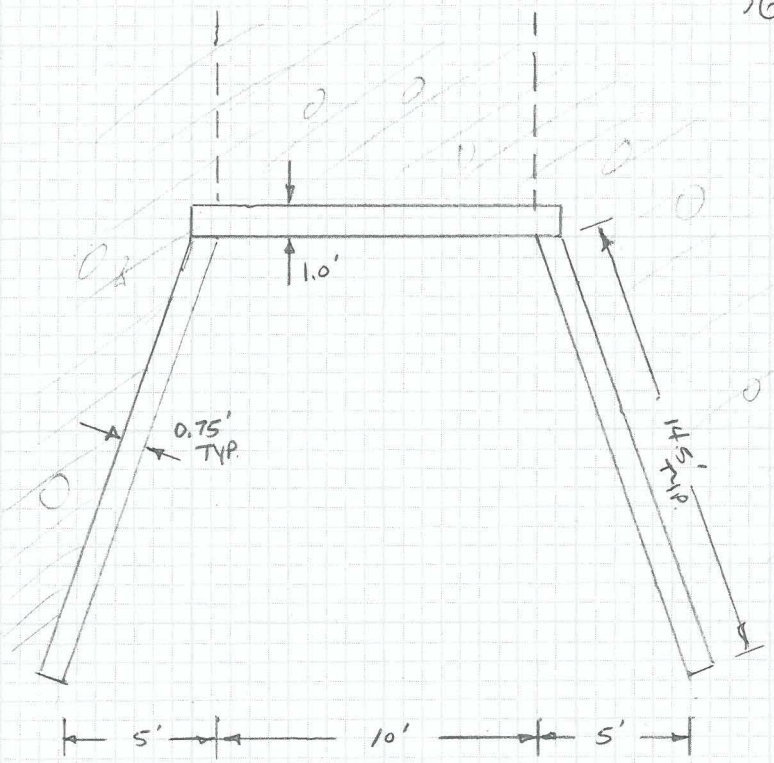
Pt Range - 11163 - 11193

PICTURES

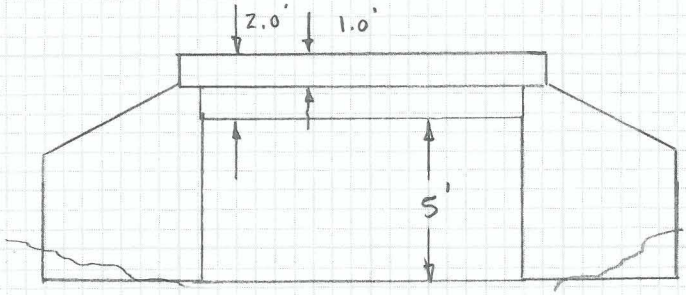
38 200' 30

37 100' 29

36 CLOSE 23

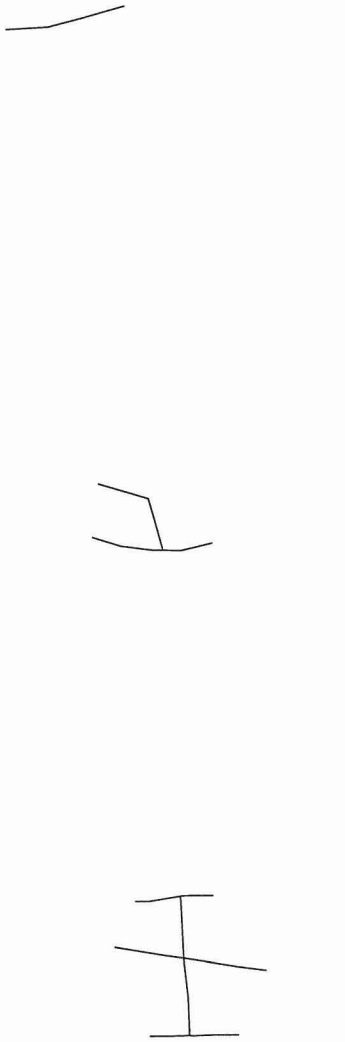


SINGLE BARREL
BOX CULVERT
PLAN VIEW



SOUTH FACE

EAST BOUND



22

Sta. 4689+77.00

Structure #22
Station 4689+77.00

(North of I-10)
2576,916201.8380,362061.1930,1273.0300,BREAKLINE
2577,916198.5760,362047.7520,1273.5890,BREAKLINE
2578,916199.3650,362039.6210,1272.7570,TOP OF OPENING
2579,916198.7780,362035.0280,1273.6990,BREAKLINE
2580,916200.4820,362021.6410,1273.7990,BREAKLINE
2581,916204.2940,362009.3400,1273.5300,BREAKLINE
2582,916199.3180,362039.6990,1270.7340,RCP
2583,916199.3570,362039.7210,1270.7240,DITCH FLOWLINE
2584,916202.7000,362039.1670,1270.7450,FL ES
2585,916220.9520,362033.5350,1271.0580,DITCH FLOWLINE
2586,916227.3380,362011.9030,1270.6570,DITCH FLOWLINE
2587,916234.9960,362041.3960,1271.5180,SPOT
2588,916285.3570,362037.7370,1273.3020,SPOT
2589,916329.3920,362026.6300,1274.3200,SPOT
2590,916384.2240,362014.3960,1275.0030,SPOT
2591,916425.9370,361997.4430,1275.4600,SPOT
2592,916424.3590,361971.1740,1275.4770,BREAKLINE
2593,916425.4030,361989.7220,1275.4940,BREAKLINE
2594,916429.9180,362006.1960,1275.1530,BREAKLINE
2595,916434.5940,362022.5710,1274.4320,BREAKLINE

(Middle of I-10)
5454,915988.5790,362034.4870,1271.4820,BREAKLINE
5455,915988.6690,362044.0980,1270.9330,BREAKLINE
5456,915988.8620,362050.2600,1270.2430,BREAKLINE
5457,915988.9720,362051.6290,1268.4930,RCP
5458,915988.7180,362051.8120,1270.5670,TOP OF OPENING
5459,915988.7670,362052.5460,1270.4950,BREAKLINE
5460,915989.1450,362061.5950,1270.5290,BREAKLINE
5461,915989.1850,362073.0270,1270.0920,BREAKLINE
5462,915992.4300,362051.4670,1268.5070,FL ES
5463,916005.3490,362051.0110,1268.6340,FL DITCH
5464,916021.3850,362049.1090,1268.7460,FL DITCH
5465,916040.2730,362048.1800,1268.8050,FL DITCH
5466,916048.8260,362047.6890,1269.1570,FL DITCH
5467,916045.6540,362048.1370,1269.1680,FL ES
5468,916049.0320,362047.6200,1271.2410,TOP OF OPENING
5469,916027.0450,362019.2210,1268.9870,BREAKLINE
5470,916023.4620,362040.9150,1269.0450,BREAKLINE
5471,916023.0280,362044.0710,1268.7190,BREAKLINE
5472,916021.9640,362051.6670,1268.8700,BREAKLINE
5473,916020.4610,362060.9770,1269.8560,BREAKLINE
5474,916018.5170,362073.0680,1270.2120,BREAKLINE
5475,916016.9940,362084.9490,1270.1620,BREAKLINE
12304,916046.9070,362028.1560,1269.1300,BREAKLINE
12305,916046.8100,362033.9170,1269.2470,BREAKLINE
12306,916048.9410,362046.9200,1270.9680,BREAKLINE
12307,916049.0770,362047.6680,1269.0140,BREAKLINE
12308,916049.2590,362048.5800,1271.0650,BREAKLINE
12309,916049.3430,362054.5190,1271.2590,BREAKLINE
12310,916049.2930,362061.8370,1271.3890,BREAKLINE

(South of I-10)
11194,915838.6450,362078.6560,1270.3820,BREAKLINE
11195,915837.9880,362062.2710,1268.8770,BREAKLINE
11196,915837.2350,362059.3900,1267.0270,BREAKLINE
11197,915837.3250,362059.3140,1267.0180,FL DITCH
11198,915837.5320,362059.2640,1266.9670,RCP

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11199,915837.8080,362057.5360,1269.0190,BREAKLINE
11200,915836.4580,362041.5310,1268.9100,BREAKLINE
11201,915834.2690,362059.8270,1267.1100,FL ES
11202,915823.4780,362063.5440,1267.1410,FL DITCH
11203,915816.8190,362075.3510,1267.1340,FL DITCH
11204,915811.3990,362100.7520,1266.9920,FL DITCH
11205,915809.6050,362116.6820,1266.3560,FL DITCH
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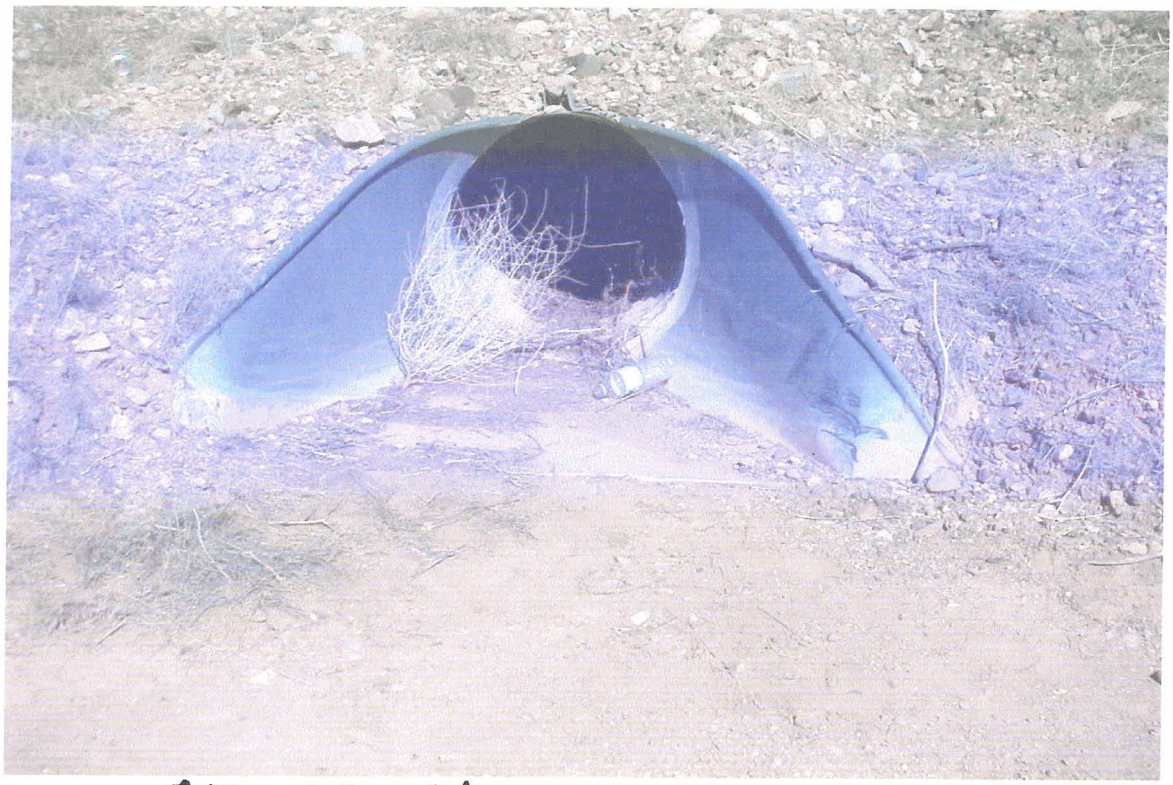
22 WB NS @ 200'

22 WB NS close

22 EB SS @ 2001



22 EB SS close

22 WB NS Median

22 EB SS Median

COMP.

CK.

DATE 10/22/07

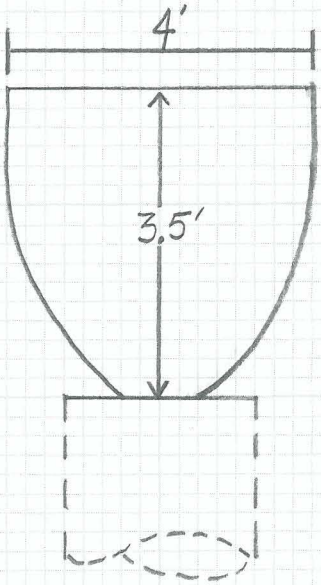
WILSON & COMPANY

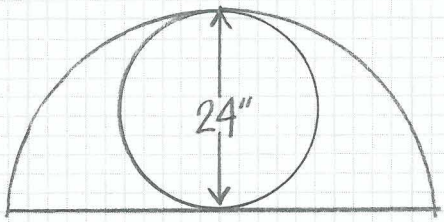
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #22
North Face
West Bound
CMP





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COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-16-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

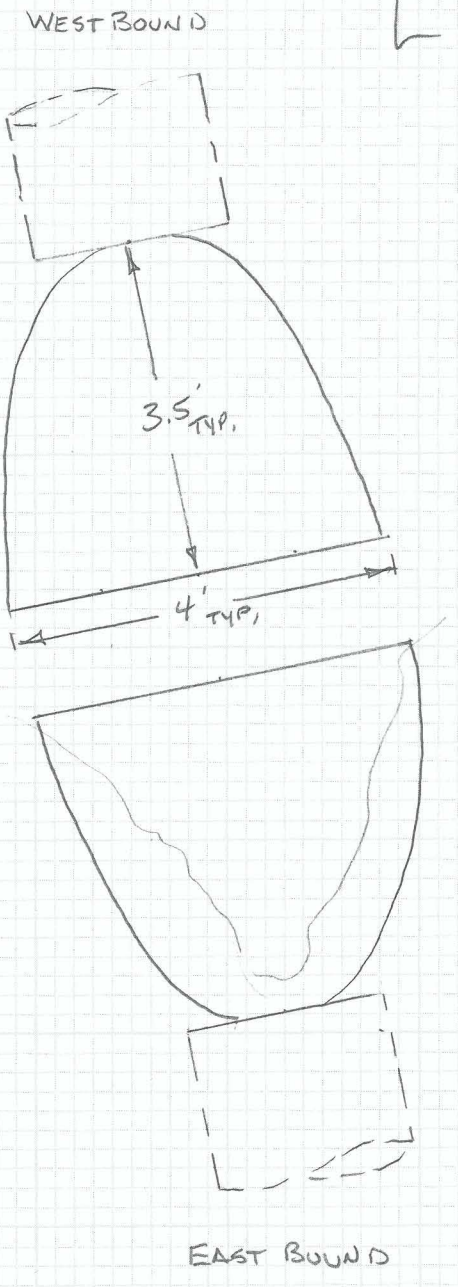
SURVEY DRAINAGE STRUCTURE # 22

MEDIAN

H. BEJARANO

✓PICTURES

Nikolte
- 237 FACING NORTH 0228.JPG
- 236 FACING SOUTH 0229.JPG



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-05-07 | SUBJ. | OF

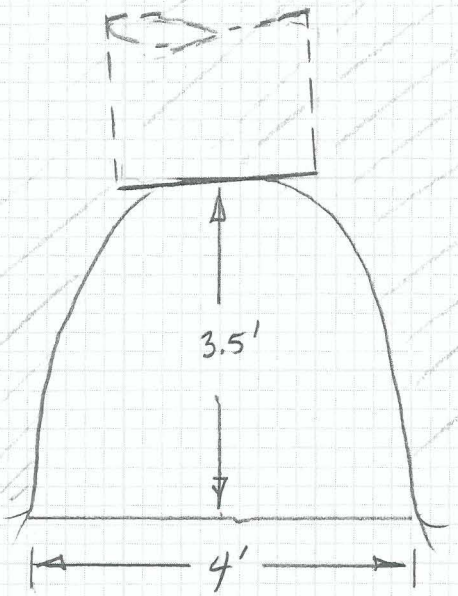
WILSON & COMPANY

H. BEJARANO
A. JONES

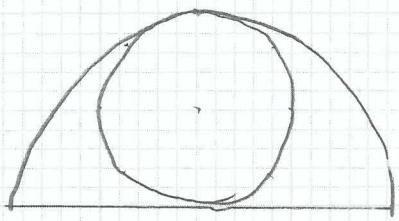
GPS POINT NUMBERS

SURVEY DRAINAGE STRUCTURE # 22

Pt Range - 11194 - 11225
PICTURES
45 200' 0037
46 100' 0038
47 CLOSE 0039

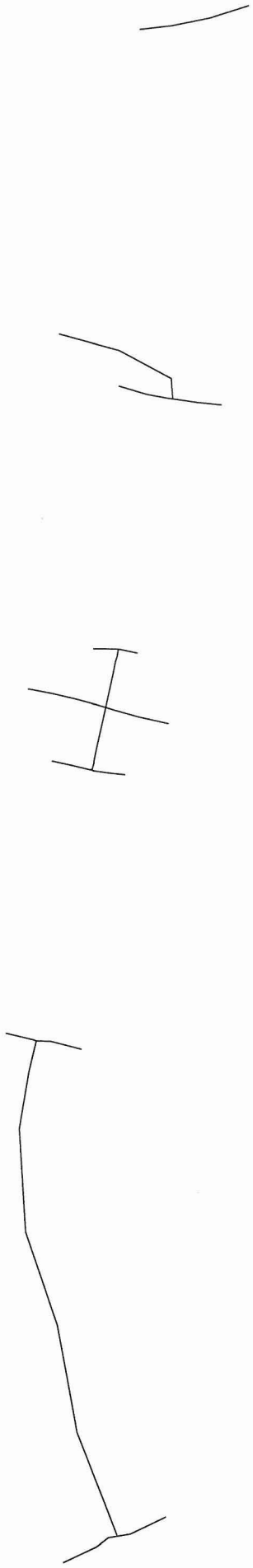


1 EA 24" CMP
PLAN VIEW



SOUTH FACE

EAST BOUND



23

Sta. 4690+60.00

Structure #23
Station 4690+60.00

(North of I-10)
2554,916159.4550,362216.9550,1272.3650,BREAKLINE
2555,916160.8530,362203.6570,1272.5010,BREAKLINE
2556,916162.4060,362193.0690,1272.4750,BREAKLINE
2557,916162.8510,362191.1170,1272.3200,TOP OF OPENING
2558,916162.9500,362188.9340,1272.4820,BREAKLINE
2559,916164.9680,362177.7010,1272.3880,BREAKLINE
2560,916169.3930,362162.8570,1272.1640,BREAKLINE
2561,916163.1430,362191.2510,1269.8060,RCP
2562,916163.1290,362191.2360,1269.8030,DITCH FLOWLINE
2563,916166.9980,362192.0890,1269.8810,FL ES
2564,916173.3920,362190.4180,1270.0180,DITCH FLOWLINE
2565,916188.0590,362163.0860,1270.6460,DITCH FLOWLINE
2566,916196.7270,362131.3000,1271.0850,DITCH FLOWLINE
2567,916179.8850,362195.0600,1271.7030,SPOT
2568,916220.0720,362202.6970,1272.7200,SPOT
2569,916267.5430,362206.2760,1271.8870,SPOT
2570,916316.1040,362197.9070,1272.1930,SPOT
2571,916360.6370,362197.0480,1272.5050,SPOT
2572,916357.3020,362172.8530,1272.6550,BREAKLINE
2573,916359.1880,362189.3900,1272.4720,BREAKLINE
2574,916363.4210,362210.0390,1272.6940,BREAKLINE
2575,916369.8940,362230.0100,1272.4960,BREAKLINE

(Middle of I-10)
5476,915972.3750,362128.6100,1270.5090,BREAKLINE
5477,915970.0620,362139.1070,1270.2910,BREAKLINE
5478,915967.8710,362148.2560,1270.3570,BREAKLINE
5479,915967.7180,362149.4230,1267.9180,RCP
5480,915967.4240,362149.5290,1270.4340,TOP OF OPENING
5481,915967.2060,362150.4320,1270.2450,BREAKLINE
5482,915965.9490,362159.3530,1270.0450,BREAKLINE
5483,915965.1630,362167.1640,1269.9870,BREAKLINE
5484,915971.6740,362150.6150,1267.9510,FL ES
5485,915992.0250,362189.9160,1269.9620,BREAKLINE
5486,915995.5650,362174.0230,1269.5200,BREAKLINE
5487,915999.1200,362161.3090,1268.4780,BREAKLINE
5488,916001.6680,362152.8970,1268.3740,BREAKLINE
5489,916004.6650,362141.9180,1269.0640,BREAKLINE
5490,916007.8070,362128.5570,1269.5250,BREAKLINE
5491,916010.1930,362115.9520,1269.6780,BREAKLINE
12311,916031.2850,362150.2230,1271.1920,BREAKLINE
12312,916031.1580,362162.5510,1270.7950,BREAKLINE
12313,916031.0370,362163.2770,1268.2070,BREAKLINE
12314,916030.9580,362164.1590,1270.7920,BREAKLINE
12315,916028.9970,362173.4250,1270.8920,BREAKLINE
12316,916031.1700,362163.3660,1270.8160,TOP OF OPENING
12317,916027.1960,362162.6810,1268.2780,FL DITCH
12318,916024.3690,362161.7710,1267.6340,FL DITCH
12319,916018.5060,362160.6630,1268.2250,FL DITCH
12320,916000.4350,362156.7040,1268.1450,FL DITCH
12321,915980.3560,362152.3230,1267.9100,FL DITCH
12322,915972.5540,362150.7380,1267.5970,FL DITCH
12323,915971.4760,362150.7330,1267.6820,FL DITCH
12324,915967.5510,362149.6370,1267.7600,FL DITCH

(South of I-10)
11206,915821.1450,362144.4870,1269.4350,BREAKLINE
11207,915825.3180,362128.2880,1269.0750,BREAKLINE

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11208,915825.5480,362120.7450,1266.4840,BREAKLINE
11209,915825.5440,362120.8130,1266.4990,FL DITCH
11210,915825.5930,362120.7870,1266.6140,RCP
11211,915825.7190,362120.7680,1269.1080,TOP OF OPENING
11212,915826.1910,362119.0380,1269.0180,BREAKLINE
11213,915829.5410,362104.8540,1269.2910,BREAKLINE
11214,915821.6530,362120.2760,1266.4530,FL ES
11215,915809.4170,362116.9480,1266.4160,FL DITCH
11216,915779.5970,362111.9540,1266.5350,FL DITCH
11217,915725.5100,362115.3050,1266.0040,FL DITCH
11218,915676.3290,362131.9860,1265.2580,FL DITCH
11219,915620.4730,362142.2500,1264.4790,FL DITCH
11220,915566.6880,362163.2940,1264.3400,FL DITCH
11221,915552.3690,362134.9900,1267.3290,BREAKLINE
11222,915560.5960,362152.5720,1265.6320,BREAKLINE
11223,915565.3440,362158.7610,1264.5600,BREAKLINE
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```

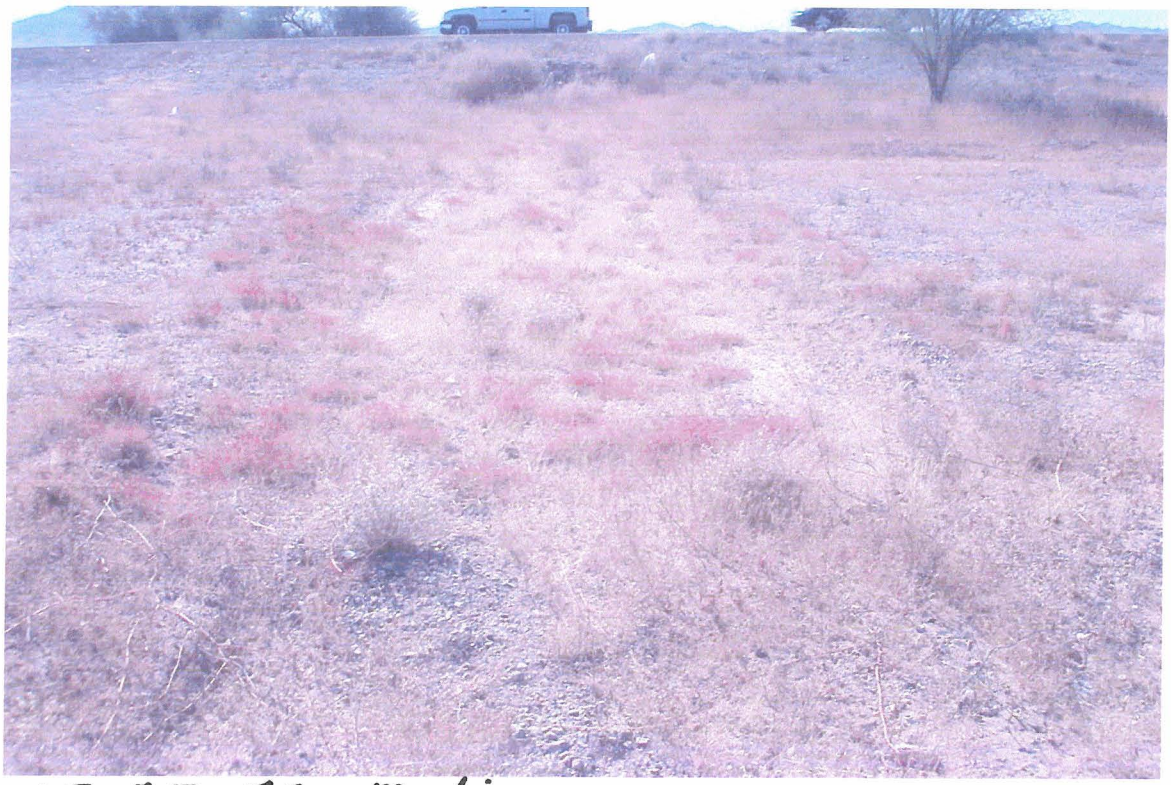
23 WB NS @ 200'

23 WB NS Close

23 EB SS @ 200'

23 EB SS close

23 WB NS Median



23 EB SS median

COMP.

CK.

DATE 10/22/07

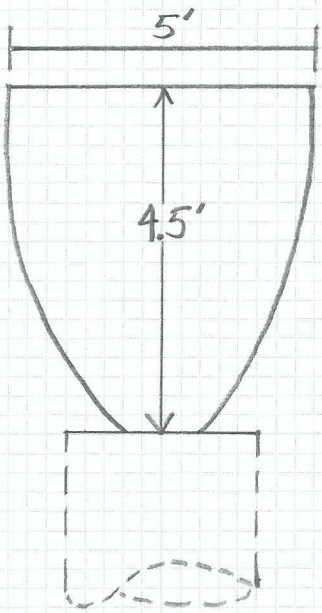
WILSON & COMPANY

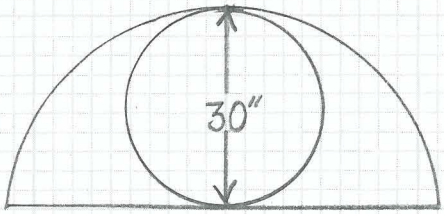
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #23
North Face
West Bound
CMP





PRINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-16-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

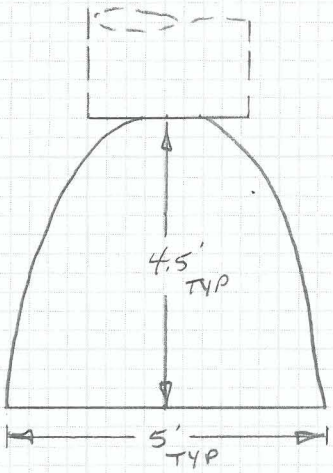
SURVEY DRAINAGE STRUCTURE # 23

MEDIAN

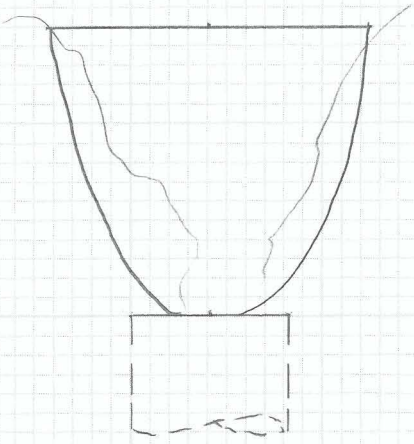
BY H. BEJARANO

√ PICTURES

MINOLTA { 238 FACING NORTH 0230.JPG
239 FACING SOUTH 0231.JPG



2 EA. 30" CMP



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-05-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

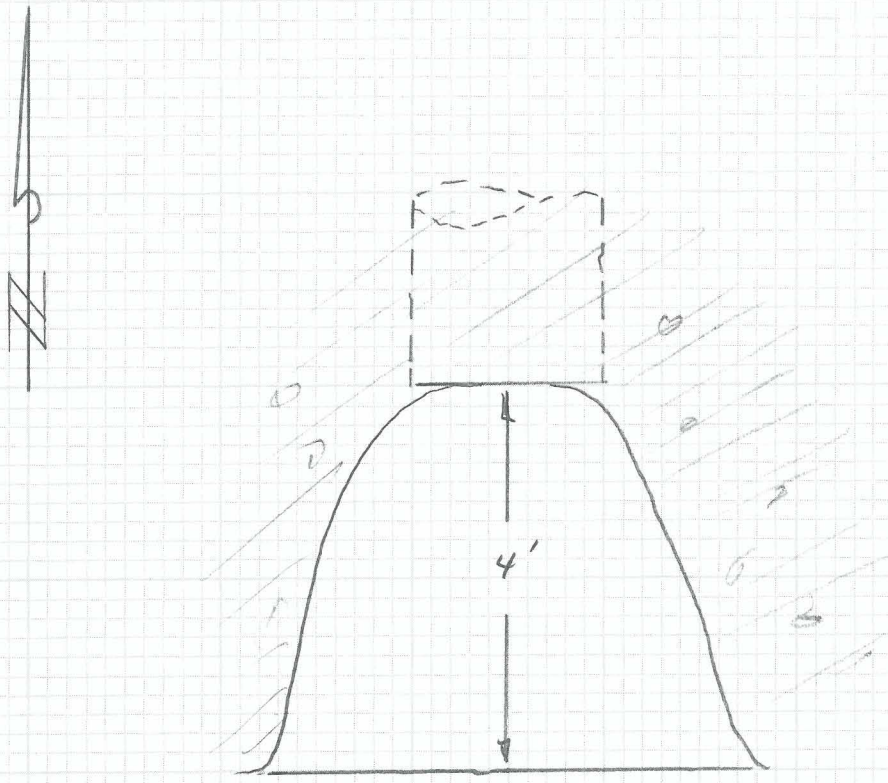
H. BENJAMIN
A. JONES

SURVEY DRAINAGE STRUCTURE #23

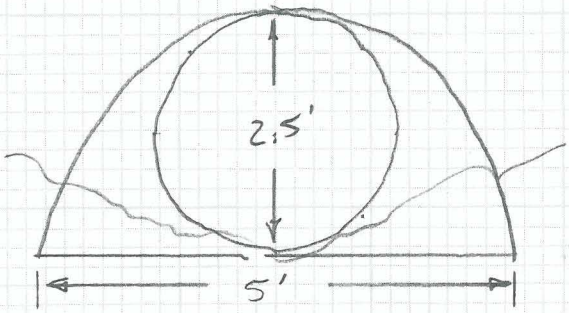
Pt Range - 11194 - 11225

PICTURES

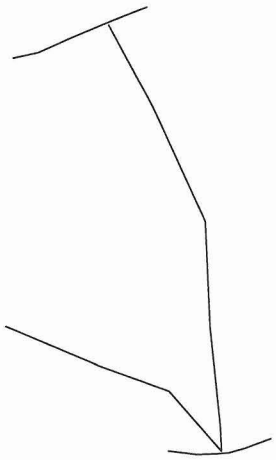
41 200' 33
40 160' 32
39 CLOSE 31

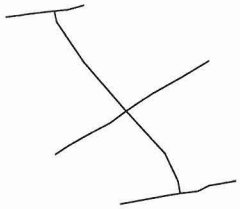


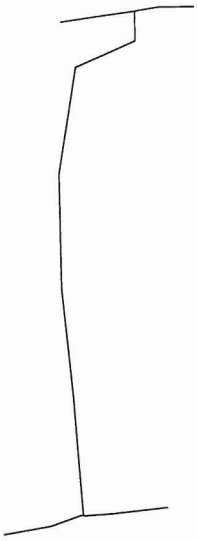
1 EA 30" CMP
PLAN VIEW



SOUTH FACE
EAST BOUND







24

W&C

Sta. 4695+20.00

Structure #24
Station 4695+20.00

(North of I-10)
2531,916097.0070,362523.4720,1271.5180,BREAKLINE
2532,916092.6800,362511.7870,1271.1610,BREAKLINE
2533,916090.7670,362505.0360,1270.9120,BREAKLINE
2534,916091.2160,362502.4110,1270.6420,TOP OF OPENING
2535,916090.3300,362499.7680,1270.9960,BREAKLINE
2536,916090.0060,362491.1440,1270.7980,BREAKLINE
2537,916091.5310,362478.5180,1271.2580,BREAKLINE
2538,916096.2660,362501.6600,1267.4300,FL ES
2539,916091.4230,362501.9660,1267.5060,RCP
2540,916091.3290,362501.9470,1267.4990,DITCH FLOWLINE
2541,916117.4360,362478.8160,1268.2530,DITCH FLOWLINE
2542,916128.2920,362448.4590,1268.1670,DITCH FLOWLINE
2543,916145.3890,362407.5870,1268.8610,DITCH FLOWLINE
2544,916102.2570,362501.3000,1267.6200,BREAKLINE
2545,916145.2220,362496.5640,1270.9820,BREAKLINE
2546,916191.1140,362494.0700,1271.8840,BREAKLINE
2547,916240.5990,362471.0060,1273.0340,BREAKLINE
2548,916276.2980,362451.4610,1272.8760,BREAKLINE
2549,916284.0900,362468.1100,1271.5630,BREAKLINE
2550,916277.8280,362452.4830,1272.8630,BREAKLINE
2551,916270.8020,362435.7760,1273.1020,BREAKLINE
2552,916264.2310,362421.0650,1272.6900,BREAKLINE
2553,916261.7450,362409.9220,1272.0280,BREAKLINE

(Middle of I-10)
5492,915866.8140,362551.0140,1269.8370,BREAKLINE
5493,915868.8990,362562.2450,1269.1250,BREAKLINE
5494,915870.8400,362572.8180,1268.3820,BREAKLINE
5495,915871.2480,362575.7730,1268.0890,BREAKLINE
5496,915871.5460,362576.9530,1265.0490,RCP
5497,915871.3980,362576.9720,1268.2080,TOP OF OPENING
5498,915871.6540,362578.1660,1268.0480,BREAKLINE
5499,915872.4020,362584.5280,1267.5060,BREAKLINE
5500,915874.8930,362589.4800,1266.9360,BREAKLINE
5501,915876.8610,362601.0800,1267.3050,BREAKLINE
5502,915876.2440,362576.3410,1265.1880,FL ES
5503,915928.8260,362589.2280,1268.1580,BREAKLINE
5504,915921.3060,362576.7790,1268.0270,BREAKLINE
5505,915914.7820,362565.2290,1267.6960,BREAKLINE
5506,915911.4120,362560.0270,1267.1560,BREAKLINE
5507,915909.4320,362557.0980,1266.0370,BREAKLINE
5508,915907.0560,362553.5720,1265.7900,BREAKLINE
5509,915901.8710,362546.7770,1266.7360,BREAKLINE
5510,915896.3930,362536.5550,1267.5900,BREAKLINE
5511,915892.0710,362528.9300,1267.6660,BREAKLINE
5512,915887.9920,362522.8090,1268.1910,BREAKLINE
12325,915947.3850,362501.0490,1268.3880,BREAKLINE
12326,915948.3020,362508.3150,1268.0660,BREAKLINE
12327,915948.5220,362509.4690,1267.8370,BREAKLINE
12328,915948.9310,362512.3280,1267.7360,BREAKLINE
12329,915949.9710,362521.5980,1268.8030,BREAKLINE
12330,915949.8920,362522.2670,1265.9310,BREAKLINE
12331,915950.1570,362522.4090,1269.1980,TOP OF OPENING
12332,915950.2100,362523.4430,1269.0450,BREAKLINE
12333,915950.5900,362527.8430,1269.4090,BREAKLINE
12334,915952.5920,362535.0720,1269.5990,BREAKLINE
12335,915945.3350,362523.2020,1265.9000,FL DITCH
12336,915927.9860,362535.1370,1265.9360,FL DITCH
12337,915908.3690,362552.2100,1265.6240,FL DITCH
12338,915888.4720,362570.4150,1265.3360,FL DITCH

12339,915876.5730,362576.0520,1264.9080,FL DITCH
12340,915871.7820,362576.9130,1265.0660,FL DITCH

(South of I-10)
11226,915732.3820,362622.5190,1267.8030,BREAKLINE
11227,915732.2130,362607.1490,1267.6220,BREAKLINE
11228,915730.6680,362597.9630,1267.3360,BREAKLINE
11229,915730.3420,362596.6500,1264.1230,BREAKLINE
11230,915730.3670,362596.6920,1264.0970,FL DITCH
11231,915730.3730,362596.7370,1264.0970,RCP
11232,915730.4520,362596.7060,1267.2480,TOP OF OPENING
11233,915728.5130,362583.8790,1265.3470,BREAKLINE
11234,915725.5430,362564.5980,1265.2500,BREAKLINE
11235,915725.4090,362597.6030,1264.1090,FL ES
11236,915717.5090,362596.8240,1263.5880,FL DITCH
11237,915705.9790,362571.1570,1263.9260,FL DITCH
11238,915659.8770,362564.1670,1262.9530,FL DITCH
11239,915610.7300,362565.4300,1262.4600,FL DITCH
11240,915562.3140,362570.7730,1262.0140,FL DITCH
11241,915512.5930,362575.0410,1261.7380,FL DITCH
11242,915504.2970,362540.5320,1264.8750,BREAKLINE
11243,915508.0310,362560.9570,1263.5550,BREAKLINE
11244,915512.7230,362574.1420,1261.6380,BREAKLINE
11245,915512.5420,362576.0560,1261.7590,BREAKLINE
11246,915513.4390,362587.3940,1262.8780,BREAKLINE
11247,915516.2090,362611.6110,1264.5360,BREAKLINE

24 WB NS @ 200'

24 WB NS close

24 EB SS @ 200'

24 EB SS Close

24 EB SS Median

24 WB NS Median

COMP.

CK.

DATE 10/22/07

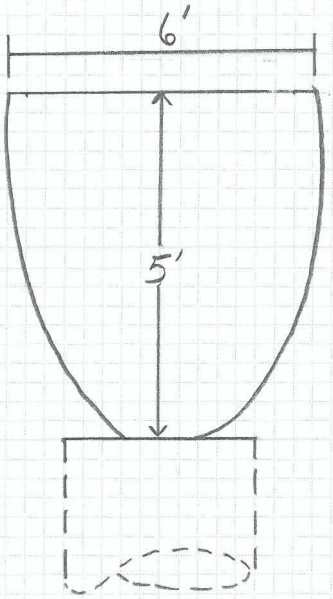
WILSON & COMPANY

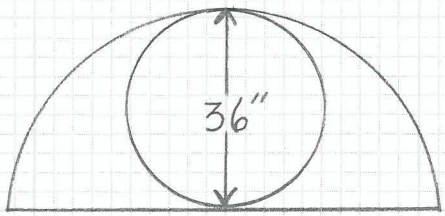
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #24
North Face
West Bound
CMP





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COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-16-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 24

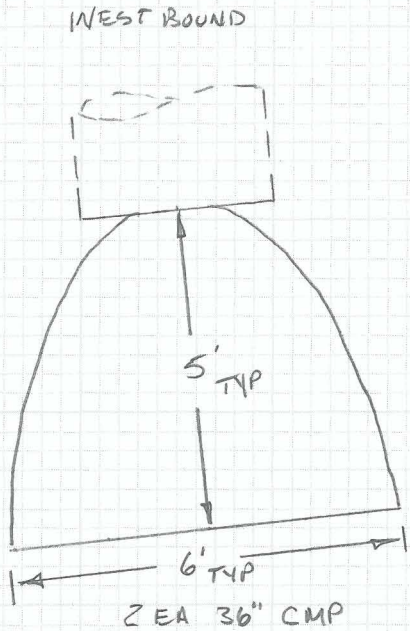
MEDIAN

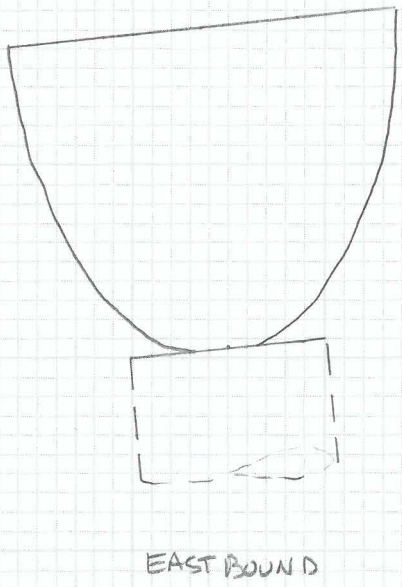
H. BENARAND

✓ PICTURES

29 FACING NORTH 0232.JPG

29 FACING SOUTH 0233.JPG





COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-05-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 24

H. BEJARANO

A. JONES

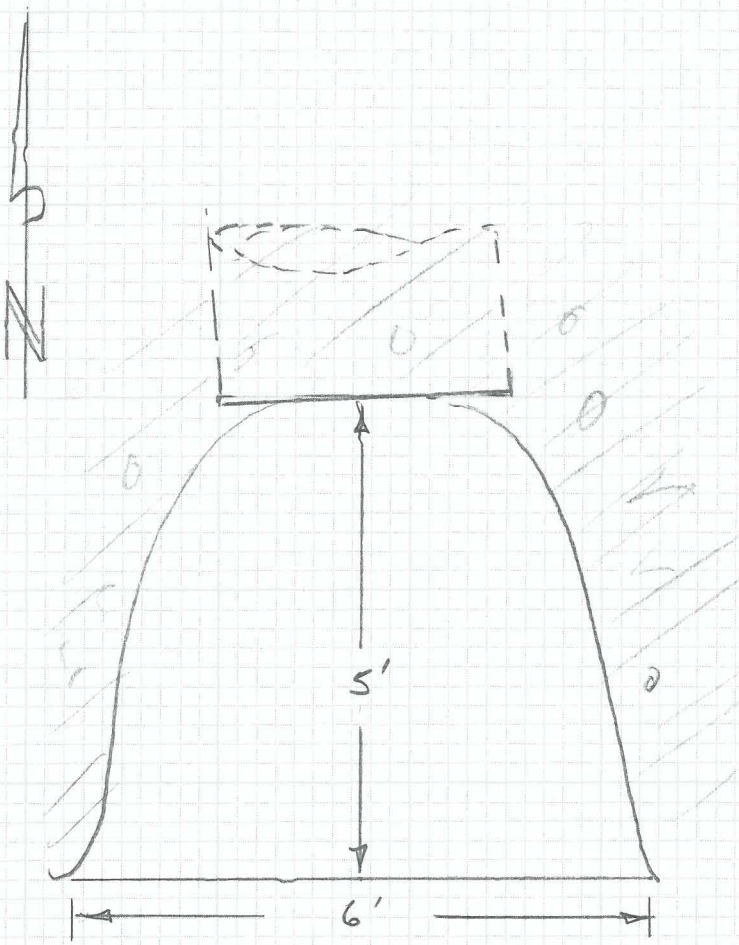
Pt Range - 11226 - 11247

PICTURES

200' 34

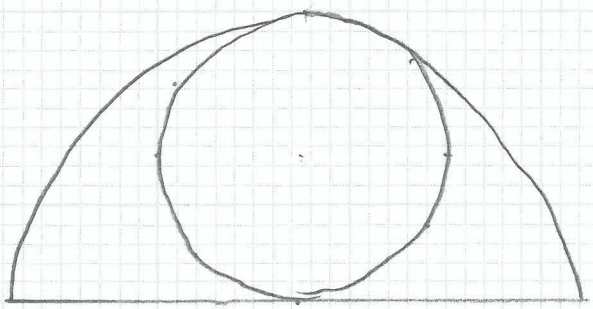
100' 33

CLOSE 32



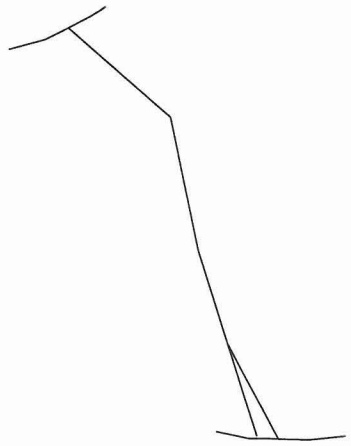
1 EA 36" CMP

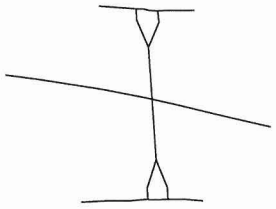
PLAN VIEW

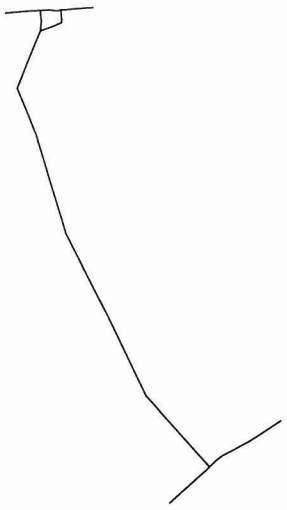


SOUTH FACE

EAST BOUND







25

W&C

Sta. 4697+45.00

Structure #25
Station 4697+45.00

(North of I-10)
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2510,916025.3360,362808.5920,1268.6510,BREAKLINE
2511,916025.6050,362797.5630,1268.6650,BREAKLINE
2512,916025.5790,362795.1070,1268.8490,TOP OF OPENING
2513,916025.9380,362790.0450,1268.7910,BREAKLINE
2514,916026.7830,362786.0120,1268.7800,TOP OF OPENING
2515,916025.9170,362782.5850,1268.8400,BREAKLINE
2516,916028.9930,362768.0170,1270.0940,BREAKLINE
2517,916031.6880,362785.1820,1265.6360,FL ES
2518,916027.0350,362785.9540,1265.7560,RCP
2519,916026.9870,362785.8750,1265.7760,DITCH FLOWLINE
2520,916030.4490,362794.6740,1265.7730,FL ES
2521,916025.6830,362795.3260,1265.8930,RCP
2522,916025.6830,362795.2410,1265.8910,DITCH FLOWLINE
2523,916066.9890,362773.0150,1266.5910,DITCH FLOWLINE
2524,916107.5570,362760.1720,1267.5360,DITCH FLOWLINE
2525,916165.4130,362748.0340,1267.4700,DITCH FLOWLINE
2526,916213.3230,362719.7740,1268.3650,BREAKLINE
2527,916209.1600,362712.8900,1268.3780,BREAKLINE
2528,916204.4890,362703.3550,1267.8730,DITCH FLOWLINE
2529,916199.1910,362693.5120,1268.0760,BREAKLINE
2530,916195.0810,362678.0850,1268.8900,BREAKLINE

(Middle of I-10)
5513,915816.9170,362769.9200,1268.6200,BREAKLINE
5514,915817.5500,362782.2760,1268.1390,BREAKLINE
5515,915817.5040,362791.4550,1267.7930,BREAKLINE
5516,915818.0260,362797.4930,1267.3440,BREAKLINE
5517,915818.1420,362798.8410,1264.2810,RCP
5518,915817.9010,362798.8290,1267.5220,TOP OF OPENING
5519,915817.9750,362799.5000,1267.4340,BREAKLINE
5520,915817.8990,362803.1760,1266.9960,BREAKLINE
5521,915818.0280,362805.6840,1267.3520,BREAKLINE
5522,915818.0640,362807.4560,1264.5330,RCP
5523,915817.9480,362807.6090,1267.6840,TOP OF OPENING
5524,915818.0180,362808.7080,1267.4070,BREAKLINE
5525,915818.1220,362814.3290,1266.7270,BREAKLINE
5526,915817.3630,362822.8880,1267.7830,BREAKLINE
5527,915823.3160,362807.2690,1264.5140,FL ES
5528,915849.2000,362852.2360,1268.5980,BREAKLINE
5529,915852.7590,362836.7640,1267.9790,BREAKLINE
5530,915855.8540,362823.8620,1266.8130,BREAKLINE
5531,915859.0100,362810.8680,1265.3030,BREAKLINE
5532,915861.9700,362797.8380,1264.7980,BREAKLINE
5533,915865.5700,362779.4670,1265.6810,BREAKLINE
5534,915867.8460,362765.0990,1266.6870,BREAKLINE
5535,915870.0080,362751.6470,1267.5320,BREAKLINE
5536,915871.9700,362737.1710,1267.8760,BREAKLINE
12341,915901.5710,362777.7930,1267.9820,BREAKLINE
12342,915900.4010,362792.9640,1267.6270,BREAKLINE
12343,915900.3780,362793.8940,1264.7510,BREAKLINE
12344,915900.3320,362795.1290,1267.5600,BREAKLINE
12345,915900.4240,362793.9190,1267.8990,TOP OF OPENING
12346,915900.2270,362797.2920,1267.3200,BREAKLINE
12347,915899.6990,362799.2490,1267.5780,BREAKLINE
12348,915899.4250,362802.2840,1267.7910,BREAKLINE
12349,915899.3630,362803.2850,1264.8350,BREAKLINE
12350,915899.4910,362804.3400,1267.8750,BREAKLINE
12351,915899.6060,362803.2970,1267.9900,TOP OF OPENING
12352,915899.6810,362808.7780,1268.0650,BREAKLINE

12353,915899.6320,362819.1660,1268.5840,BREAKLINE
12354,915894.6240,362803.8470,1264.9180,FL DITCH
12355,915895.5250,362794.2080,1264.6500,FL DITCH
12356,915883.8100,362799.2540,1264.3280,FL DITCH
12357,915859.4430,362800.9280,1264.7240,FL DITCH
12358,915835.1700,362802.5680,1264.0570,FL DITCH
12359,915822.9980,362798.6870,1263.9180,FL DITCH
12360,915818.1110,362798.9550,1263.9800,FL DITCH
12361,915823.3260,362807.3940,1264.1580,FL DITCH
12362,915818.3600,362807.6960,1264.1280,FL DITCH

(South of I-10)
11248,915693.1350,362829.4080,1267.4010,BREAKLINE
11249,915692.5900,362821.1130,1267.1990,BREAKLINE
11250,915692.1210,362816.7460,1266.1920,BREAKLINE
11251,915692.1300,362815.2110,1263.1740,FL DITCH
11252,915691.6840,362813.4910,1266.1580,BREAKLINE
11253,915692.1390,362810.4700,1266.3150,BREAKLINE
11254,915692.0000,362807.7740,1266.2820,BREAKLINE
11255,915691.8990,362806.2960,1263.2800,FL DITCH
11256,915691.8270,362804.9710,1266.3350,BREAKLINE
11257,915691.6690,362801.0670,1265.5800,BREAKLINE
11258,915690.8200,362791.0740,1265.6940,BREAKLINE
11259,915692.0020,362806.3840,1266.4640,TOP OF OPENING
11260,915692.0840,362815.1510,1266.4520,TOP OF OPENING
11261,915687.1450,362815.5710,1263.2950,FL DITCH
11262,915686.6760,362815.4730,1262.8350,FL DITCH
11263,915685.0120,362811.7910,1262.5130,FL DITCH
11264,915687.0900,362806.8060,1263.3690,FL DITCH
11265,915686.0330,362806.6380,1262.8250,FL DITCH
11266,915683.0990,362806.3800,1262.6330,FL DITCH
11267,915672.0740,362801.7410,1263.0830,FL DITCH
11268,915658.2370,362796.2380,1262.9140,FL DITCH
11269,915638.5120,362804.3100,1262.8110,FL DITCH
11270,915595.4880,362817.1690,1261.4310,FL DITCH
11271,915559.8500,362835.2720,1261.5270,FL DITCH
11272,915525.3110,362851.7140,1260.8020,FL DITCH
11273,915479.1030,362861.7090,1261.6450,BREAKLINE
11274,915491.8460,362876.1220,1261.7820,BREAKLINE
11275,915493.2330,362877.7800,1261.5580,BREAKLINE
11276,915494.6690,362879.1630,1261.1500,BREAKLINE
11277,915497.4300,362882.1130,1261.3640,BREAKLINE
11278,915499.4750,362884.9050,1262.1130,BREAKLINE
11279,915505.7690,362896.8470,1262.7860,BREAKLINE
11280,915514.6070,362910.5830,1262.6510,BREAKLINE

25 WB NS @ 200'

25 WB NS Close

25 EB 33 @ 200'

25 EB 33 close

25 EB SS Median @ 50'

25 WB NS Median @ 50'

COMP.

CK.

DATE 10/22/07

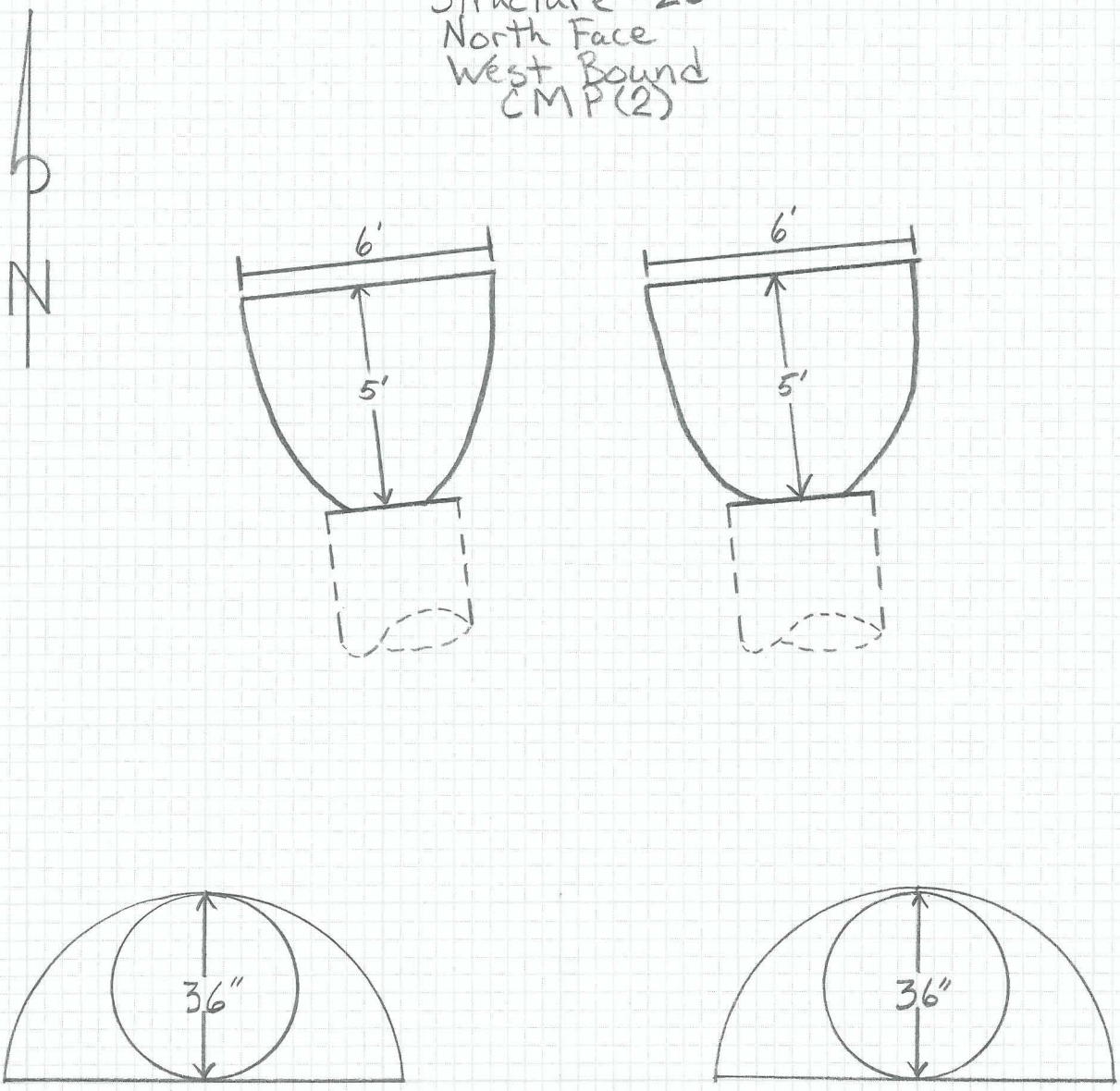
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #25
North Face
West Bound
CMP(2)



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CK. | PROJ. | SHEET

DATE 11-16-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER — H. BEJARANO

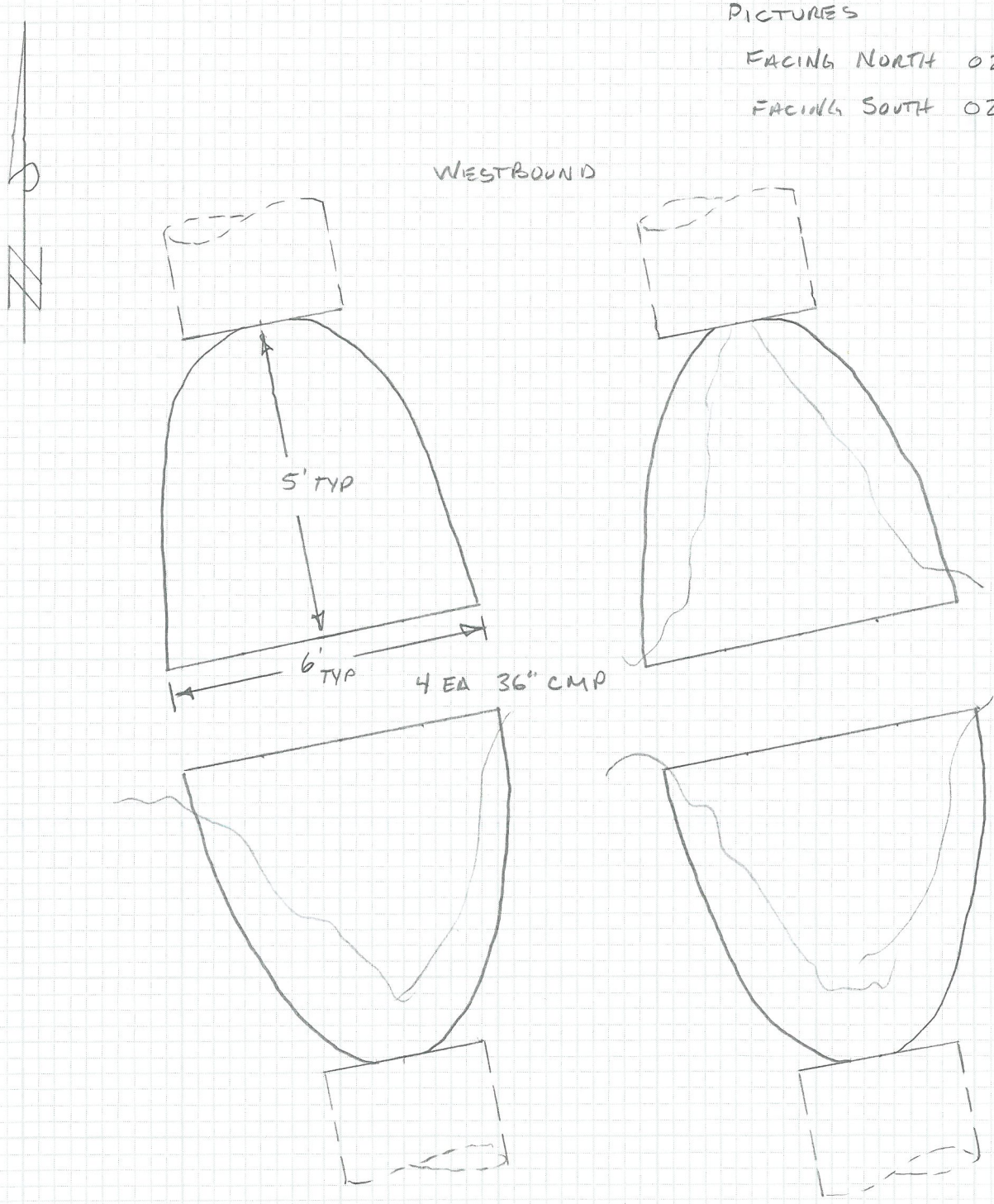
SURVEY DRAINAGE STRUCTURE # 25

MEDIAN

PICTURES

FACING NORTH 0234.JPG

FACING SOUTH 0235.JPG



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-05-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 25

H. BESARANO

A. JONES

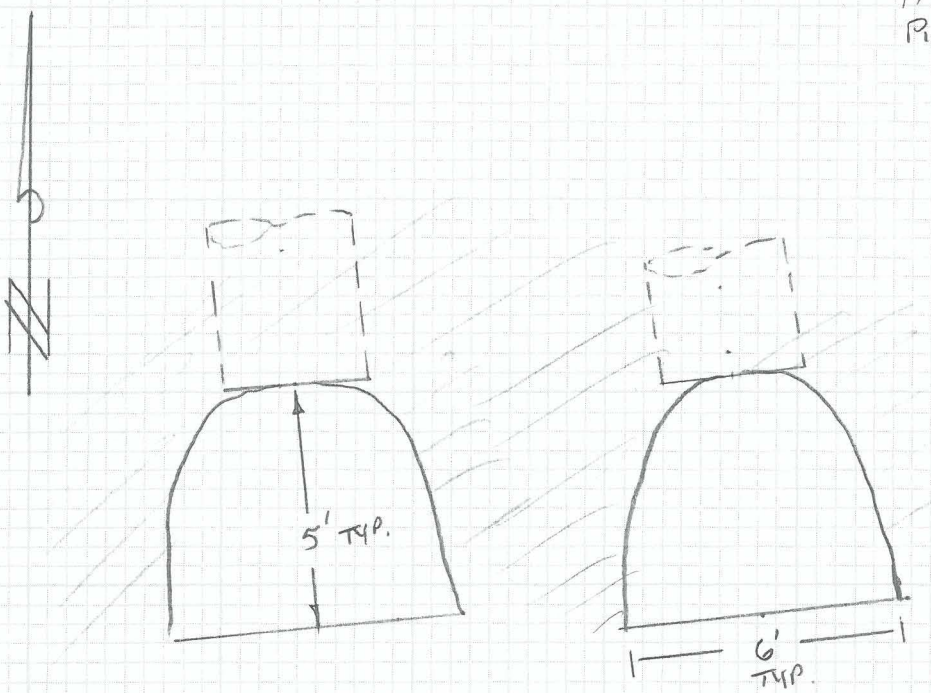
Pt Range - 11248 - 11280

PICTURES

200' 37

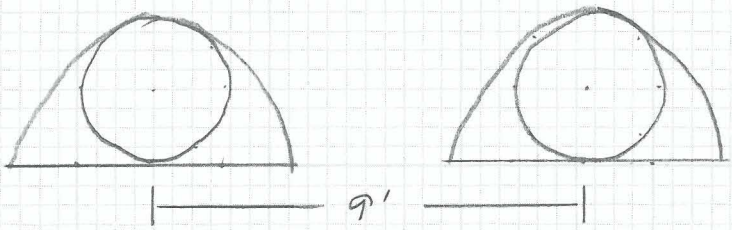
100' 36

CLOSE 35



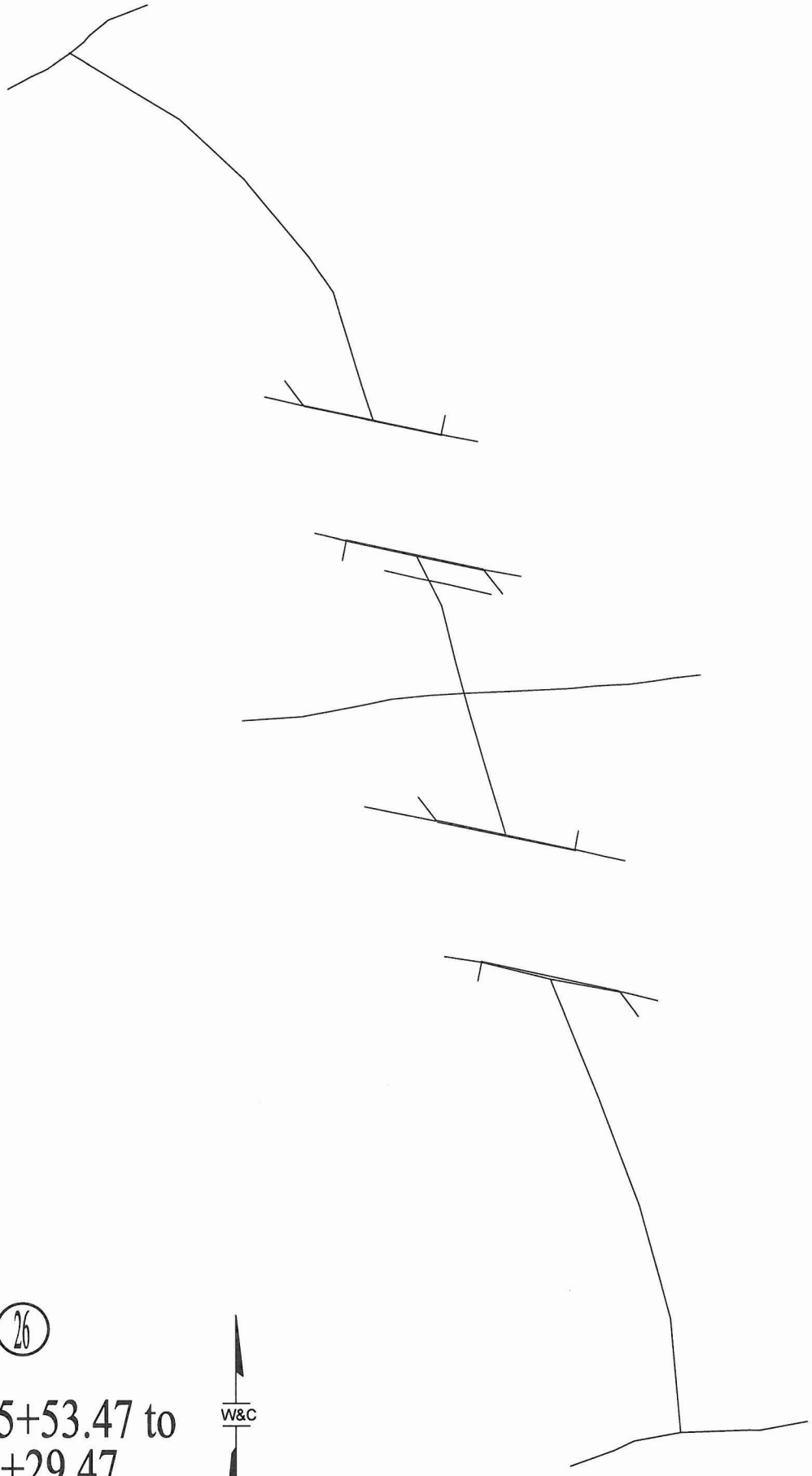
2 EA 36" CMP

PLAN VIEW



SOUTH FACE

EAST BOUND



26

Sta. 4705+53.47 to
4706+29.47

W&C

Structure #26
Station 4705+53.47 to 4706+29.47

(North of I-10)
10524,915822.8700,363608.0610,1267.1350,BREAKLINE
10525,915826.0980,363591.1700,1267.6480,BREAKLINE
10526,915826.7820,363588.4830,1267.8170,BREAKLINE
10527,915836.9120,363590.6080,1265.6780,WINGWALL
10528,915826.8290,363588.4520,1267.8770,WINGWALL
10529,915826.2610,363588.9340,1268.8030,HEADWALL
10530,915826.7250,363587.9830,1261.7600,BREAKLINE
10532,915834.6380,363551.8830,1261.4260,FL DITCH
10533,915842.7090,363515.0440,1261.6650,CONCRETE
10534,915842.0800,363515.3490,1261.7390,BREAKLINE
10535,915841.9930,363515.2600,1267.7640,WINGWALL
10536,915841.8110,363515.2020,1268.7430,HEADWALL
10537,915842.1300,363514.4260,1267.7240,BREAKLINE
10538,915844.1360,363505.8170,1267.9650,BREAKLINE
10539,915846.7760,363494.3440,1268.4210,BREAKLINE
10540,915855.4490,363505.0690,1265.7160,WINGWALL
10541,915853.6510,363545.7100,1261.6750,FL DITCH
10542,915902.4110,363530.6690,1262.3300,FL DITCH
10543,915921.2340,363517.8000,1263.1590,FL DITCH
10544,915962.7710,363482.8510,1263.2350,FL DITCH
10545,915994.8270,363448.3600,1263.3670,FL DITCH
10546,916030.3950,363389.1730,1264.3830,FL DITCH
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10556,915838.3380,363533.5030,1256.5060,TOP OF OPENING
10557,915835.6890,363546.0010,1256.5600,TOP OF OPENING
10558,915828.1740,363582.7790,1256.4510,TOP OF OPENING
10559,915830.5340,363570.3630,1265.7540,TOP OF OPENING
10560,915833.0470,363558.3550,1265.7600,TOP OF OPENING

(Middle of I-10)
5537,915599.8980,363686.8980,1264.9360,BREAKLINE
5538,915602.5170,363674.7430,1264.9050,BREAKLINE
5539,915605.7630,363661.0010,1264.8010,BREAKLINE
5540,915605.7580,363660.1400,1264.7840,WINGWALL
5541,915616.0210,363662.0330,1262.7900,WINGWALL
5542,915605.4070,363660.5560,1265.8530,HEADWALL
5543,915606.6320,363654.7220,1264.1090,TOP OF OPENING
5544,915609.2760,363642.1650,1264.1820,TOP OF OPENING
5545,915611.6740,363630.7250,1264.1230,TOP OF OPENING
5546,915614.5610,363617.0210,1264.0460,TOP OF OPENING
5547,915616.9910,363605.2460,1264.0770,TOP OF OPENING
5548,915619.4820,363593.7160,1264.0400,TOP OF OPENING
5549,915620.7100,363586.7790,1265.9560,HEADWALL
5550,915621.0350,363586.5420,1265.0260,WINGWALL
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5554,915621.3450,363585.3120,1265.0610,BREAKLINE
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5557,915628.9810,363547.8900,1265.7890,BREAKLINE
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12368,915763.1980,363573.1390,1267.6820,HEADWALL
12369,915767.6790,363552.0690,1267.6970,HEADWALL
12370,915770.8020,363537.6640,1267.7190,HEADWALL
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12375,915770.1400,363538.2930,1260.7550,BREAKLINE
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12377,915754.5670,363610.7260,1260.9250,BREAKLINE
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12379,915754.5590,363612.3870,1266.4260,BREAKLINE
12380,915751.1360,363631.4850,1266.5470,BREAKLINE
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12382,915762.5550,363580.6140,1265.6130,TOP OF OPENING
12383,915763.7810,363568.2540,1265.8420,TOP OF OPENING
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12388,915747.3310,363590.5040,1261.0780,CONCRETE
12389,915741.5170,363615.5890,1260.6670,CONCRETE
12390,915735.5850,363588.9620,1260.2130,FL DITCH
12391,915706.7720,363596.1440,1259.5730,FL DITCH
12392,915678.0910,363604.0720,1258.7770,FL DITCH
12393,915649.9970,363612.4160,1258.7630,FL DITCH
12394,915614.7640,363623.0670,1258.0660,FL DITCH
12395,915613.7480,363623.0730,1258.4880,FL DITCH

(South of I-10)
11281,915517.2270,363693.9600,1261.6230,WINGWALL
11282,915530.6420,363683.8630,1263.6610,WINGWALL
11283,915530.7550,363683.7690,1264.7550,HEADWALL
11284,915537.6360,363652.0040,1264.7370,HEADWALL
11285,915546.7220,363610.1020,1264.6910,HEADWALL
11286,915546.3930,363610.4540,1263.7530,WINGWALL
11287,915536.1390,363608.3560,1261.6630,WINGWALL
11288,915549.3250,363590.4780,1264.0830,BREAKLINE
11289,915546.3340,363609.5780,1263.7310,BREAKLINE
11290,915546.0670,363610.9930,1258.1280,BREAKLINE
11291,915546.3920,363616.5440,1262.7170,TOP OF OPENING
11292,915543.6490,363628.6260,1262.8210,TOP OF OPENING
11293,915541.1210,363641.0330,1262.8200,TOP OF OPENING
11294,915538.5050,363653.3630,1262.7810,TOP OF OPENING
11295,915535.7880,363665.3560,1262.8080,TOP OF OPENING
11296,915531.9750,363678.1860,1262.8270,TOP OF OPENING
11297,915537.1420,363647.1240,1257.6180,FL DITCH
11298,915530.4130,363683.1740,1258.0350,BREAKLINE

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11299,915530.2510,363685.4430,1263.6720,BREAKLINE
11300,915525.5900,363704.4180,1263.3120,BREAKLINE
11301,915473.6130,363672.8780,1257.7500,FL DITCH
11302,915416.5910,363694.4800,1257.4670,FL DITCH
11303,915356.9040,363711.1470,1256.6780,FL DITCH
11304,915278.8730,363657.3980,1258.3630,BREAKLINE
11305,915287.1880,363680.9360,1258.2960,BREAKLINE
11306,915290.8010,363688.5060,1257.5500,BREAKLINE
11307,915292.1610,363691.5100,1256.8290,BREAKLINE
11308,915296.6970,363716.4800,1256.3810,BREAKLINE
11309,915297.9590,363753.0300,1256.5670,BREAKLINE
11310,915297.8820,363759.0090,1257.6910,BREAKLINE
11311,915302.5490,363784.3470,1257.4770,BREAKLINE
```

26 EB SS @ 200'

26 EB SS Close

26 WB NS @ 200'

26 WB NS Close

26 WB NS Median @ 100'

26 EB SS Median @ 100'

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE | SUBJ. | OF

10/23/2007

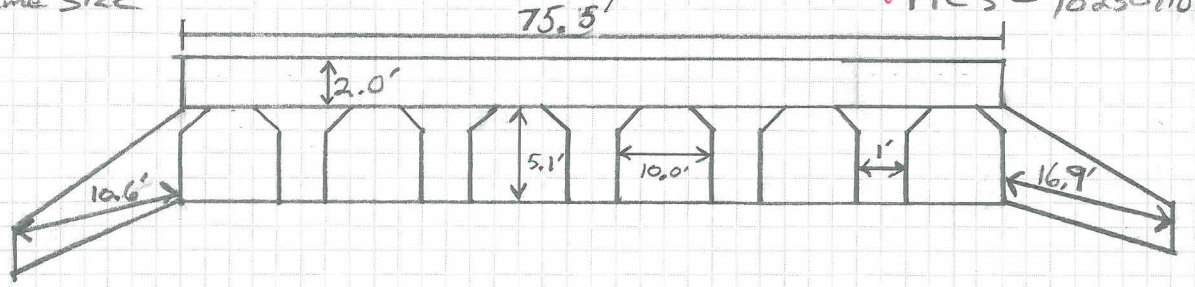
Structure #26 West Bound North Side

Rod Height - 10.562
10555 - 15.662

Pt Range 10524 - 10560

*All openings are the same size

√Pics – 10230710015 - Close Up
10230710016 - 200'



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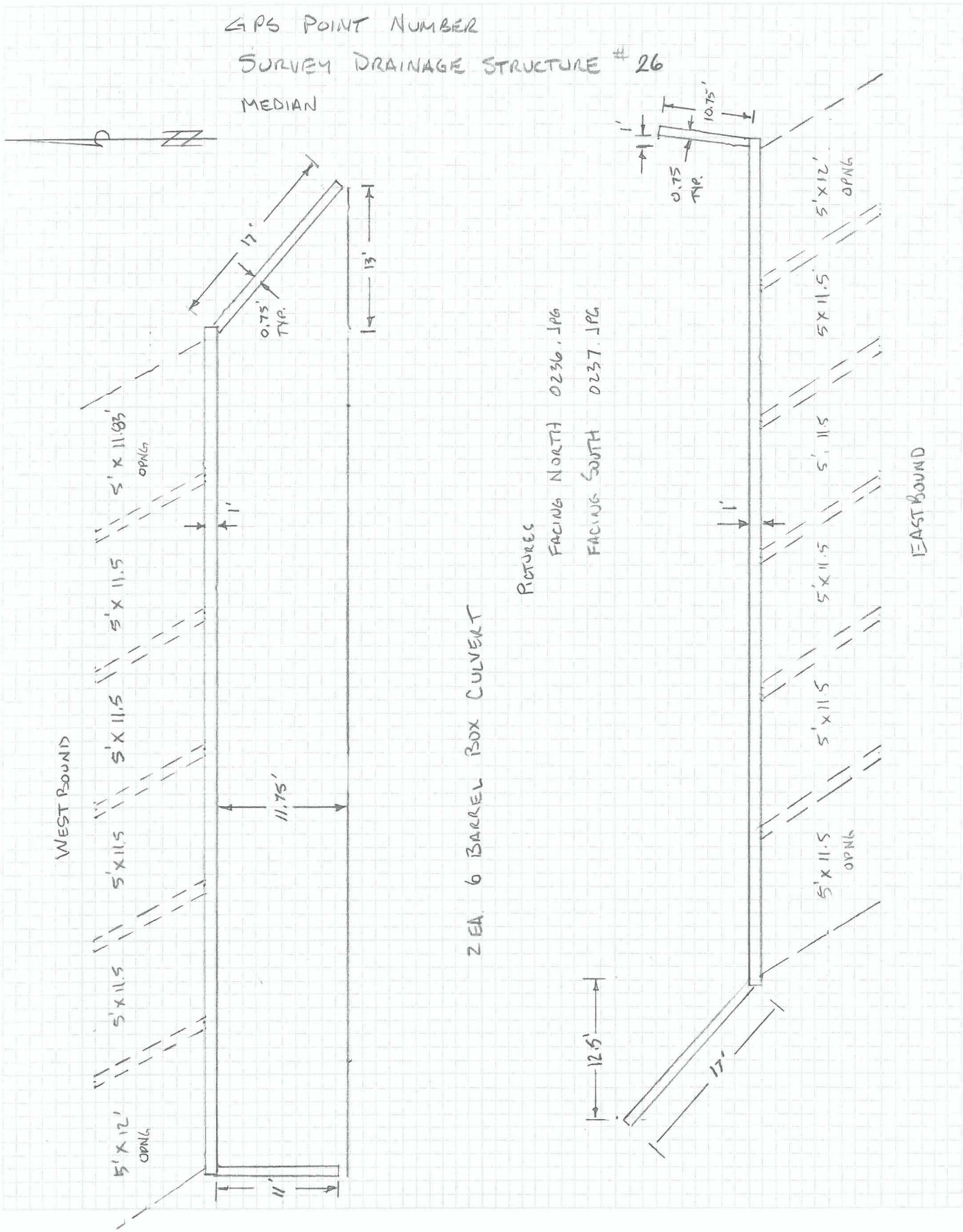
DATE 11-16-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 26



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-06-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 26

A. BEJARANO

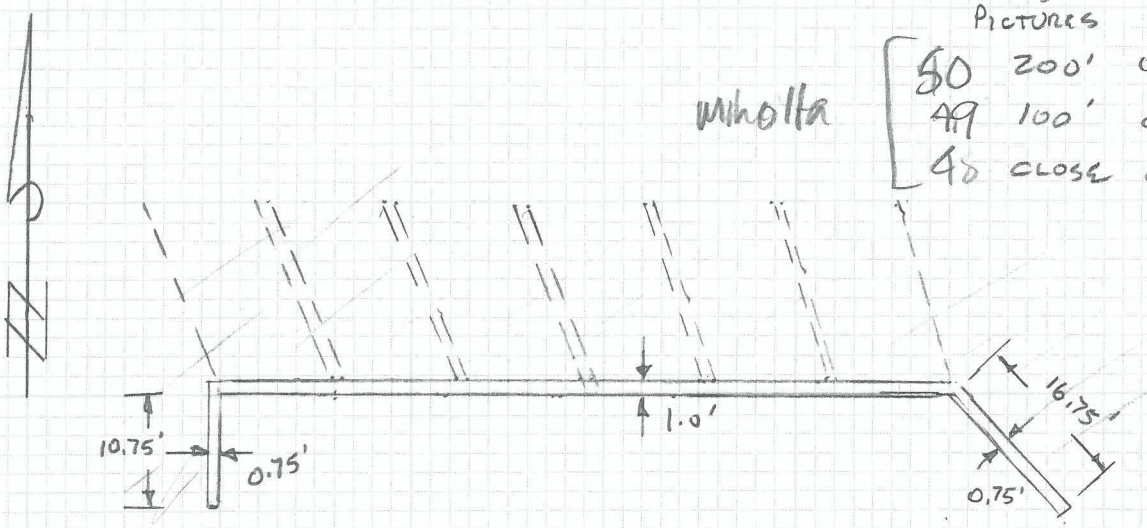
D. ACOSTA

Pt Range - 11281 - 11311

PICTURES

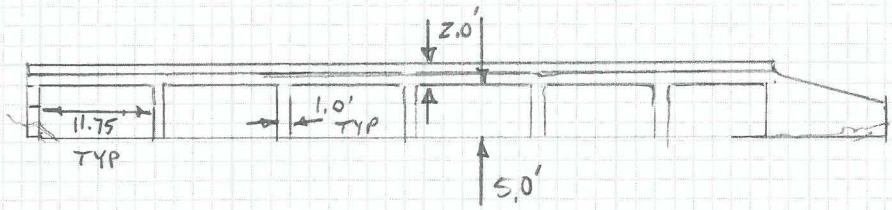
Wholla

50	200'	0042
49	100'	0041
48	CLOSE	0040



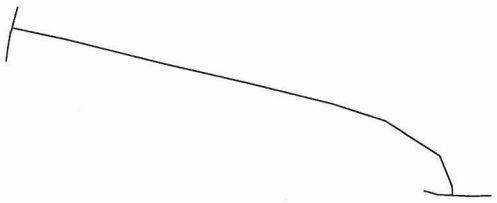
6 BARREL BOX CULVERT

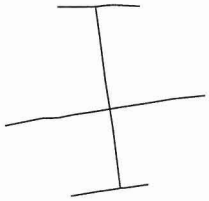
PLAN VIEW

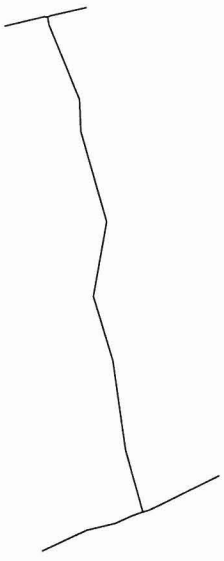


SOUTH FACE

EAST BOUND







(27)

Sta. 4712+10.00

Structure #27
Station 4712+10.00

(North of I-10)
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10501,915725.0960,364211.2110,1257.8500,BREAKLINE
10502,915725.4170,364204.4670,1258.3070,BREAKLINE
10503,915725.4650,364203.7580,1255.8710,BREAKLINE
10504,915725.6540,364202.4080,1255.9790,BREAKLINE
10505,915725.5490,364202.0500,1258.1680,BREAKLINE
10506,915725.7010,364197.1580,1258.5230,BREAKLINE
10507,915727.5320,364190.7840,1258.1380,BREAKLINE
10508,915724.8320,364203.3200,1258.3360,TOP OF OPENING
10509,915725.4210,364203.3620,1255.7940,FL DITCH
10510,915729.4360,364203.1640,1255.9220,FL DITCH
10511,915742.6760,364197.7570,1256.5550,FL DITCH
10512,915757.7700,364174.0100,1257.5120,FL DITCH
10513,915765.2380,364150.9040,1257.9080,FL DITCH
10514,915774.2370,364114.2810,1258.4890,FL DITCH
10515,915782.9160,364077.1550,1258.6620,FL DITCH
10516,915793.1570,364036.1470,1258.7980,FL DITCH
10517,915798.2030,364012.6840,1258.6130,FL DITCH
10518,915807.4570,364014.4470,1258.8270,BREAKLINE
10519,915801.8860,364012.8930,1258.8420,BREAKLINE
10520,915798.1870,364011.9770,1258.6040,BREAKLINE
10521,915796.1420,364011.2740,1259.0510,BREAKLINE
10522,915789.2930,364010.0810,1258.6940,BREAKLINE
10523,915783.7330,364009.3760,1258.7670,BREAKLINE

(Middle of I-10)
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5573,915511.3380,364220.9630,1257.4400,BREAKLINE
5574,915512.5890,364229.7110,1256.3410,BREAKLINE
5575,915512.7720,364231.1780,1256.3670,TOP OF OPENING
5576,915512.9190,364231.1060,1253.9510,RCP
5577,915512.9000,364232.7330,1256.3290,BREAKLINE
5578,915514.4410,364243.2850,1256.1430,BREAKLINE
5579,915517.1490,364230.9710,1253.8020,FL ES
5580,915538.3220,364227.9180,1254.4250,FL DITCH
5581,915559.6170,364224.5320,1254.7970,FL DITCH
5582,915577.0640,364222.2700,1254.2660,FL DITCH
5583,915590.8740,364220.3280,1254.4850,FL DITCH
5584,915587.2570,364220.9340,1254.6750,FL ES
5585,915539.9970,364181.0880,1255.4500,BREAKLINE
5586,915543.1930,364197.0800,1254.7330,BREAKLINE
5587,915543.3750,364204.0680,1254.4980,BREAKLINE
5588,915544.7620,364210.9280,1255.1760,BREAKLINE
5589,915545.9020,364218.8380,1254.9700,BREAKLINE
5590,915546.4360,364222.1610,1254.2210,BREAKLINE
5591,915547.7250,364229.6210,1254.6650,BREAKLINE
5592,915549.4020,364240.9690,1256.4260,BREAKLINE
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12397,915591.3730,364219.5370,1256.7660,BREAKLINE
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12399,915591.4870,364221.1510,1256.5900,BREAKLINE
12400,915591.8950,364223.8070,1257.0380,BREAKLINE
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12402,915591.5780,364239.3600,1258.0150,BREAKLINE

(South of I-10)

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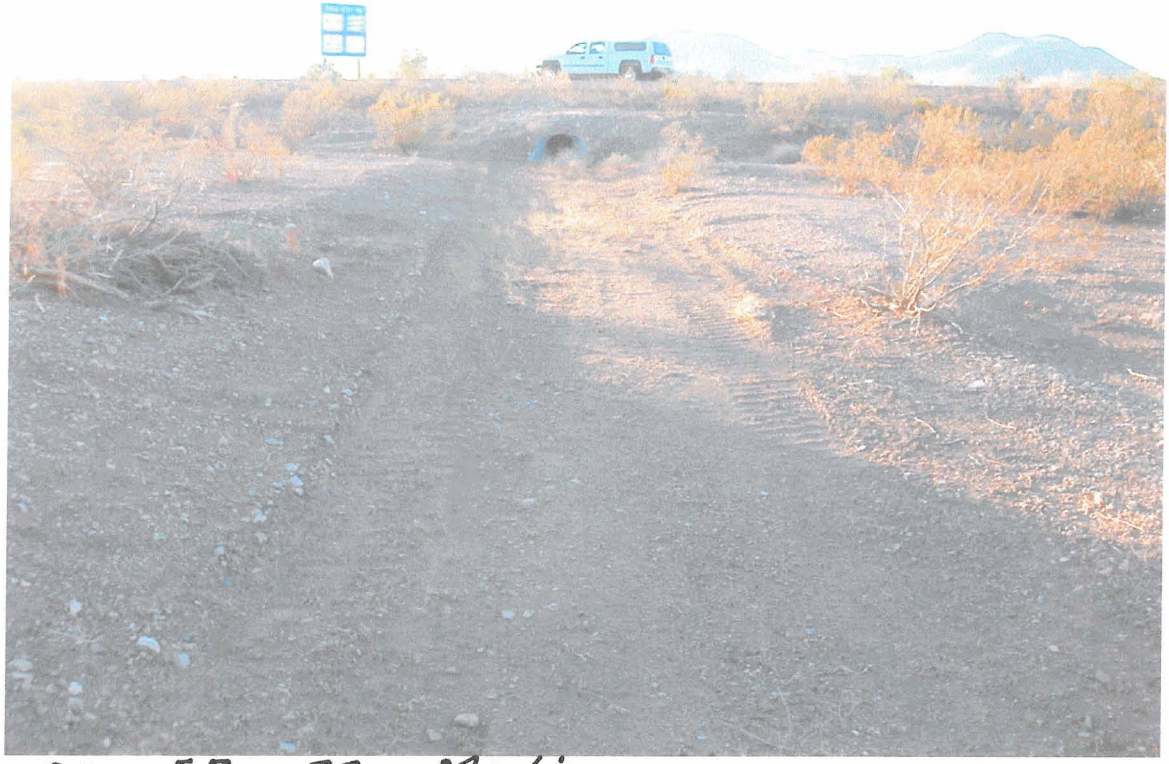
11313,915380.8020,364246.4130,1254.5580,BREAKLINE
11314,915380.6330,364247.8500,1252.3580,BREAKLINE
11315,915381.1830,364248.9690,1254.6250,BREAKLINE
11316,915381.1280,364247.8370,1254.7990,TOP OF OPENING
11317,915384.7450,364264.6980,1255.3630,BREAKLINE
11318,915377.0550,364248.5280,1252.1990,FL DITCH
11319,915363.1960,364254.3160,1252.7340,FL DITCH
11320,915345.0560,364261.6590,1252.6280,FL DITCH
11321,915331.2700,364262.2060,1252.5250,FL DITCH
11322,915292.3250,364273.3590,1251.9190,FL DITCH
11323,915260.0140,364267.5820,1250.8350,FL DITCH
11324,915232.4210,364276.0020,1251.0970,FL DITCH
11325,915193.5820,364281.4700,1250.4640,FL DITCH
11326,915150.1220,364245.1750,1253.6140,BREAKLINE
11327,915159.1040,364264.5860,1253.6490,BREAKLINE
11328,915162.0550,364276.9590,1251.3790,BREAKLINE
11329,915165.0200,364283.5370,1251.0990,BREAKLINE
11330,915165.8170,364285.6350,1250.4030,BREAKLINE
11331,915166.9470,364288.9850,1250.0930,FL DITCH
11332,915167.6610,364291.6100,1250.3130,BREAKLINE
11333,915169.9780,364296.4430,1253.2100,BREAKLINE
11334,915182.7120,364322.3480,1252.7970,BREAKLINE

27 EB SS @ 200'

27 EB SS close

27 WB NS @ 200'

27 WB NS Close



27 EB SS Median

27 WB NS Median

COMP. | LOC. | FILE

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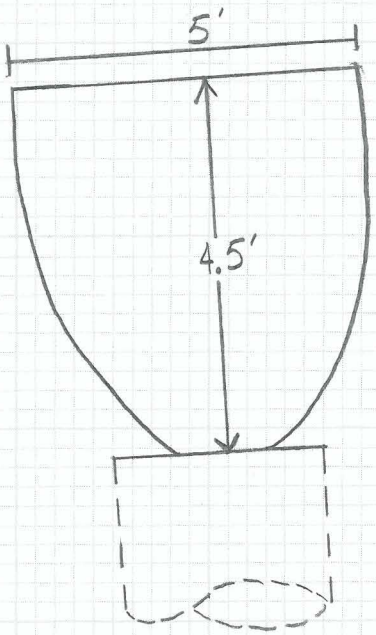
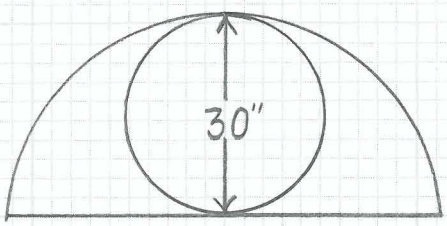
Structure #27
North Face
West Bound
CMP





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WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 27

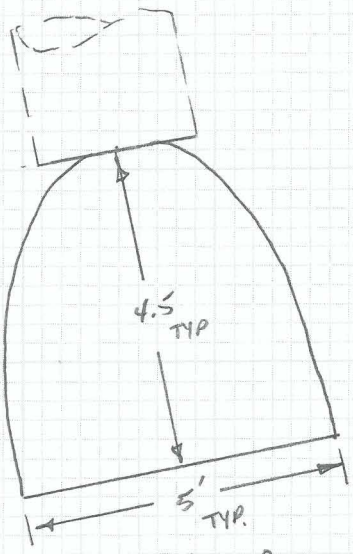
MEDIAN

H. BEJARANO

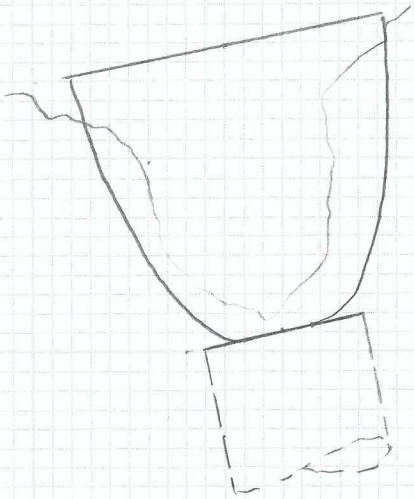
PICTURES

Minolta
- 246 FACING NORTH 0238.JPG
- 247 FACING SOUTH 0239.JPG

WEST BOUND



2 EA 30" CMP



EAST BOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-06-07 | SUBJ. | OF

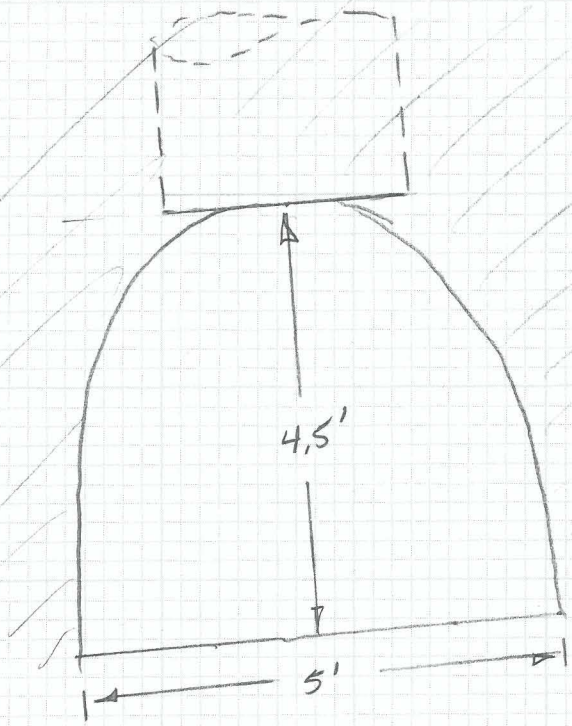
GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #27

H. BENARANO
D. ACOSTA

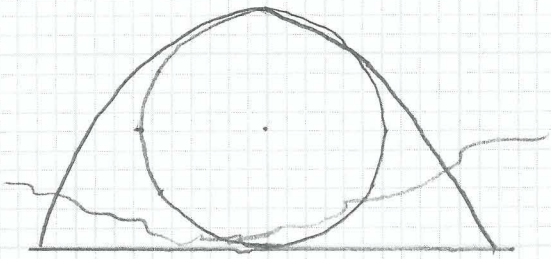
Pt/Range - 11312 - 11334
PICTURES

minolta
51 200' 0043
52 100' 0044
53 CLOSE 0045

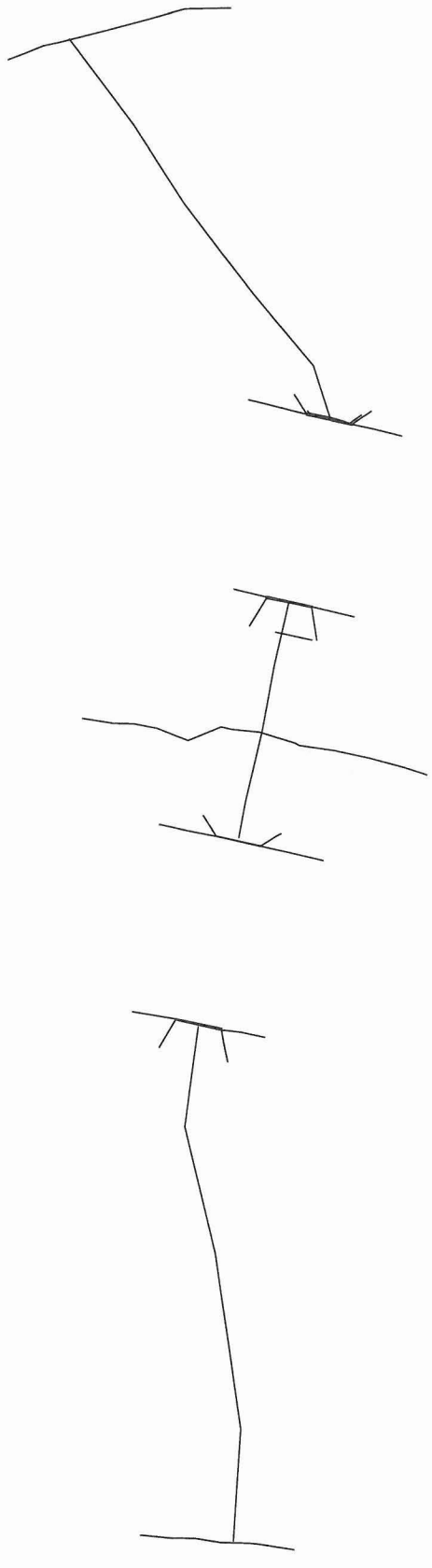


1 EA. 30" CMP

PLAN VIEW



SOUTH FACE



28

Sta. 4716+78.00 to
4717+00.50

Structure #28
Station 4716+78.00 to 4717+00.50

(North of I-10)
10428,915581.0980,364792.3360,1258.6260,BREAKLINE
10429,915584.5090,364778.6210,1259.1530,BREAKLINE
10430,915586.5080,364769.1850,1259.2690,BREAKLINE
10431,915590.8460,364773.4590,1252.3280,CONCRETE
10432,915587.0360,364767.9570,1252.4140,CONCRETE
10433,915591.1280,364749.4540,1252.2890,CONCRETE
10434,915592.8170,364748.3490,1252.3700,CONCRETE
10435,915587.0560,364768.4000,1252.3740,BREAKLINE
10436,915586.9910,364768.2750,1252.2670,BREAKLINE
10437,915589.7080,364758.8250,1252.2060,BREAKLINE
10438,915591.6820,364749.0260,1252.2890,BREAKLINE
10439,915591.3990,364746.9030,1259.6060,BREAKLINE
10440,915595.7390,364729.7530,1258.6530,BREAKLINE
10441,915597.8910,364720.7760,1258.6570,BREAKLINE
10442,915613.7670,364750.9870,1252.4300,DITCH FLOWLINE
10443,915646.7200,364723.2340,1252.6150,DITCH FLOWLINE
10444,915659.4410,364713.2660,1252.8730,DITCH FLOWLINE
10445,915688.8170,364690.8610,1253.4520,DITCH FLOWLINE
10446,915725.5770,364666.9770,1253.0220,DITCH FLOWLINE
10447,915765.7600,364636.5140,1253.3470,DITCH FLOWLINE
10448,915755.9620,364608.0370,1259.7320,BREAKLINE
10449,915759.0450,364616.1830,1259.8490,BREAKLINE
10450,915762.5230,364624.5780,1256.6200,BREAKLINE
10451,915764.0260,364631.6290,1253.5650,BREAKLINE
10452,915769.3600,364653.0520,1253.5960,BREAKLINE
10453,915774.3200,364671.9040,1255.1770,BREAKLINE
10454,915779.4690,364690.4980,1256.1950,BREAKLINE
10455,915779.8840,364711.8930,1256.1630,BREAKLINE
10456,915586.4280,364763.6250,1258.3670,TOP OF OPENING
10457,915588.4960,364752.9000,1258.3590,TOP OF OPENING
10458,915592.6360,364778.0120,1257.6580,WINGWALL
10459,915591.7480,364776.7920,1258.3220,WINGWALL
10460,915587.0980,364769.6950,1259.3050,WINGWALL
10461,915586.4970,364768.8070,1259.3290,WINGWALL
10462,915586.1670,364769.2560,1260.3440,HEADWALL
10463,915590.8630,364747.6140,1260.3690,HEADWALL
10464,915591.0570,364748.1200,1259.3210,WINGWALL
10465,915599.1870,364742.9440,1258.3490,WINGWALL
10466,915600.4030,364742.1160,1257.6800,WINGWALL

(Middle of I-10)
5595,915401.1130,364680.0630,1257.6220,BREAKLINE
5596,915398.5330,364691.8520,1257.3480,BREAKLINE
5597,915395.8670,364705.3720,1258.0010,BREAKLINE
5598,915405.3030,364700.4660,1256.5140,WINGWALL
5599,915396.8480,364705.9190,1258.2110,WINGWALL
5600,915395.9430,364706.4500,1258.2400,WINGWALL
5601,915395.8600,364705.8170,1259.1540,HEADWALL
5602,915390.9440,364727.5850,1258.9820,HEADWALL
5603,915391.2660,364727.1450,1257.9720,WINGWALL
5604,915391.9050,364728.2140,1257.9010,WINGWALL
5605,915395.9450,364734.7660,1256.9490,WINGWALL
5606,915396.9950,364736.7590,1256.2620,WINGWALL
5607,915395.7520,364706.6320,1251.2000,BREAKLINE
5608,915391.3010,364726.9910,1251.0590,BREAKLINE
5609,915390.8560,364728.4290,1258.0650,BREAKLINE
5610,915388.1010,364740.7210,1257.2530,BREAKLINE
5611,915384.4120,364756.3730,1257.9000,BREAKLINE
5612,915424.0170,364804.3980,1257.9890,BREAKLINE
5613,915427.4320,364793.8250,1258.2260,BREAKLINE

5614,915431.7730,364777.6910,1256.5100,BREAKLINE
5615,915435.3210,364761.2770,1254.3700,BREAKLINE
5616,915437.7180,364745.0430,1252.4850,BREAKLINE
5617,915438.8230,364743.0960,1251.4680,BREAKLINE
5618,915443.9240,364726.5200,1251.7610,BREAKLINE
5619,915445.1930,364713.5290,1252.0500,BREAKLINE
5620,915446.2610,364708.7140,1253.4150,BREAKLINE
5621,915439.9820,364693.4180,1254.4510,BREAKLINE
5622,915445.6380,364679.1220,1256.1370,BREAKLINE
5623,915447.7820,364668.1030,1257.3200,BREAKLINE
5624,915448.0190,364658.5250,1257.9830,BREAKLINE
5625,915450.3510,364644.0450,1258.0740,BREAKLINE
12403,915492.9680,364721.6640,1255.5220,WINGWALL
12404,915506.5720,364729.9980,1258.5110,WINGWALL
12405,915506.8660,364729.5790,1259.5210,HEADWALL
12406,915504.1610,364741.8510,1259.4920,HEADWALL
12407,915502.1030,364751.1770,1259.5710,HEADWALL
12408,915503.0830,364745.7370,1257.6270,TOP OF OPENING
12409,915505.4910,364735.0310,1257.5860,TOP OF OPENING
12410,915510.1570,364714.2800,1258.4930,BREAKLINE
12411,915506.6560,364729.1160,1258.2670,BREAKLINE
12412,915505.7660,364730.3050,1251.7920,BREAKLINE
12413,915503.9330,364739.9750,1251.6560,BREAKLINE
12414,915501.7350,364750.2000,1251.5980,BREAKLINE
12415,915501.7700,364751.5230,1258.4950,BREAKLINE
12416,915497.2230,364770.5240,1258.1560,BREAKLINE
12417,915486.4550,364750.9870,1251.5900,CONCRETE
12418,915490.2490,364733.8040,1251.7360,CONCRETE
12419,915474.2850,364733.3130,1251.9840,FL DITCH
12420,915444.7150,364727.8280,1251.6640,FL DITCH
12421,915411.9240,364720.1840,1251.1870,FL DITCH
12422,915394.8920,364716.9870,1250.9920,FL DITCH
14824,915502.0220,364750.6200,1258.6190,WINGWALL
14825,915501.1710,364750.7210,1258.6420,WINGWALL
14826,915486.2700,364753.0870,1255.6060,WINGWALL

(South of I-10)
11335,915302.6330,364729.3480,1256.7910,BREAKLINE
11336,915305.0400,364718.0090,1256.9460,BREAKLINE
11337,915306.8610,364709.0220,1257.3050,WINGWALL
11338,915300.2200,364710.1170,1256.3590,WINGWALL
11339,915291.0180,364712.0110,1254.2730,WINGWALL
11340,915306.6910,364709.4680,1258.2700,HEADWALL
11341,915311.2370,364687.7480,1258.2810,HEADWALL
11342,915311.2210,364688.0960,1257.3160,WINGWALL
11343,915297.8180,364680.1420,1254.3290,WINGWALL
11344,915306.1340,364708.0510,1250.5580,BREAKLINE
11345,915310.4040,364689.2860,1250.4510,BREAKLINE
11346,915311.3200,364687.0260,1257.3510,BREAKLINE
11347,915314.5420,364667.5280,1257.0020,BREAKLINE
11348,915311.2530,364693.5160,1256.3590,TOP OF OPENING
11349,915309.2840,364704.1570,1256.4060,TOP OF OPENING
11350,915307.7330,364698.3820,1250.2850,FL DITCH
11351,915261.3300,364692.1620,1250.1340,FL DITCH
11352,915202.6230,364706.2890,1250.0520,FL DITCH
11353,915121.3810,364718.0640,1248.7170,FL DITCH
11354,915069.5270,364714.5470,1248.3240,FL DITCH
11355,915072.5230,364671.1860,1251.2930,BREAKLINE
11356,915071.1130,364685.5000,1251.1310,BREAKLINE
11357,915070.9180,364696.9060,1250.7190,BREAKLINE
11358,915069.0520,364708.2240,1248.7380,BREAKLINE
11359,915068.7080,364721.8430,1248.4750,BREAKLINE
11360,915068.2690,364726.4900,1249.5820,BREAKLINE
11361,915065.6680,364742.8930,1250.2630,BREAKLINE

28 EB SS @ 200'

28 EB SS Close

28 WB NS Close

28 WB NS @ 200'

COMP. | LOC. | FILE

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10/22/2007

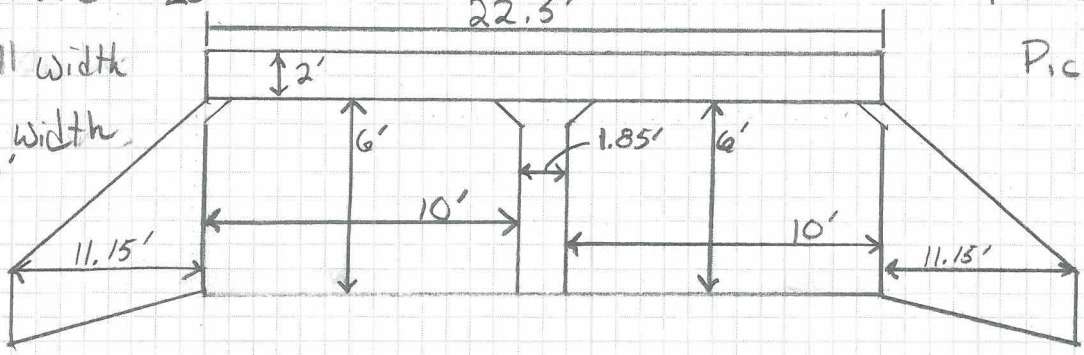
Structure #28 West Bound / North Side

Pt Range 1024-1062

Pics - 005 - Close up
006 - 200'

Headwall width 1.0'

Wingwall width 0.8'



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WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 28

H. BEJARANO

D. ACOSTA

Pt Range 11335 - 11362

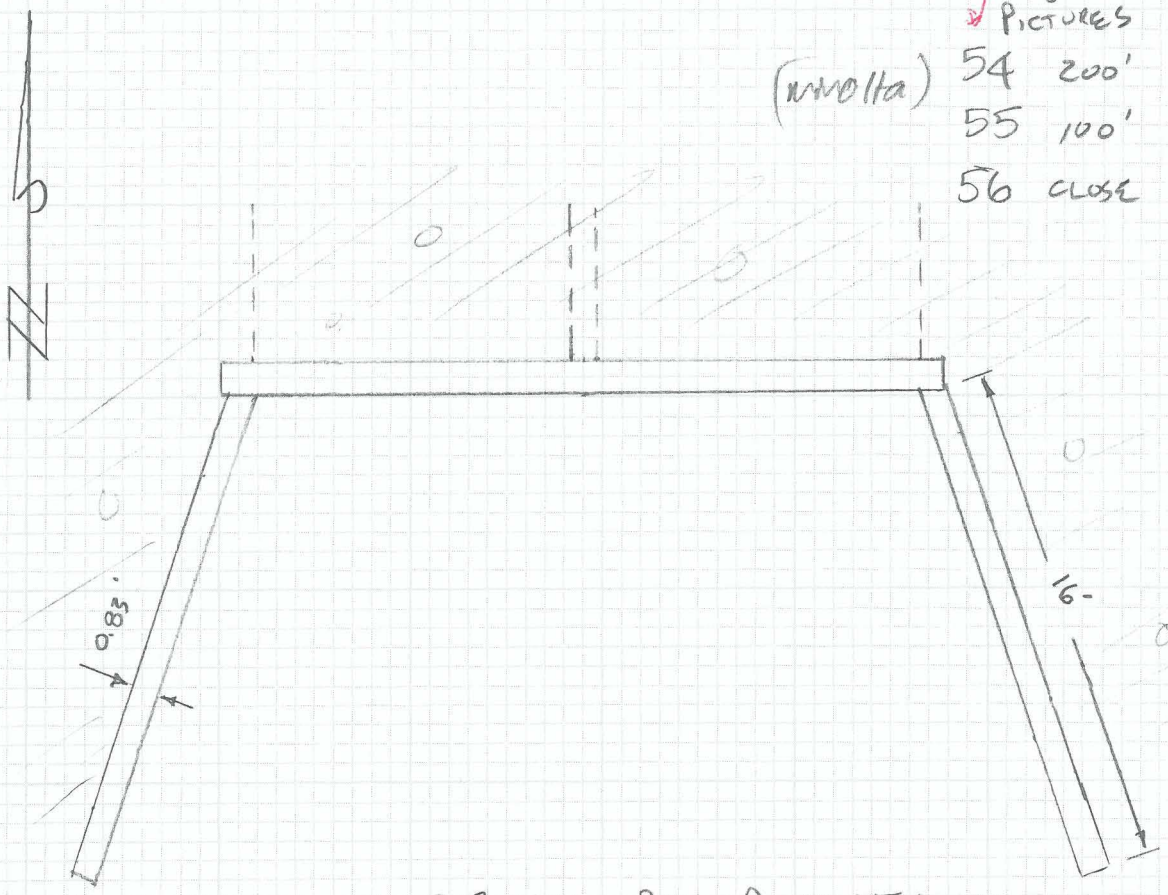
Pictures

(minolta)

54 200' 0046

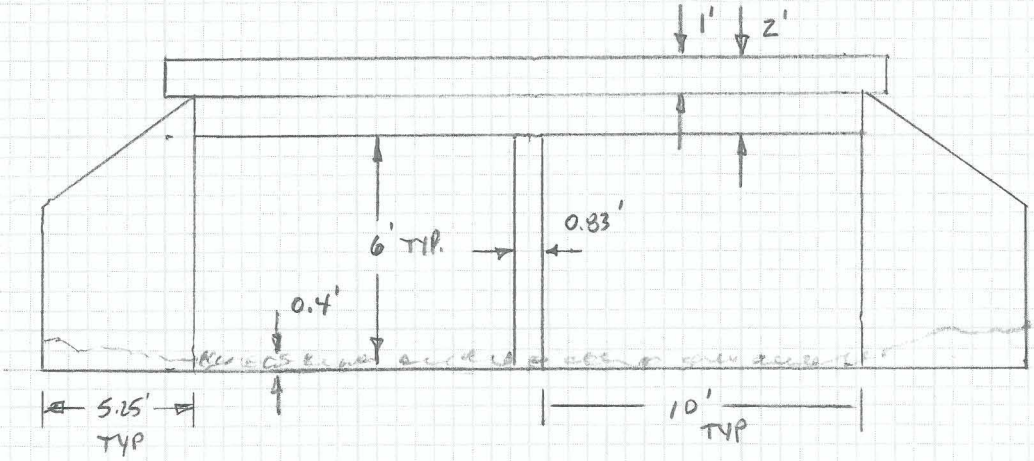
55 100' 0047

56 CLOSE 0048



2 BARREL BOX CULVERT

PLAN VIEW



SOUTH FACE
EAST BOUND

COMP. | LOC. | FILE

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DATE 11-16-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 28

MEDIAN

BY H. BEJARANO

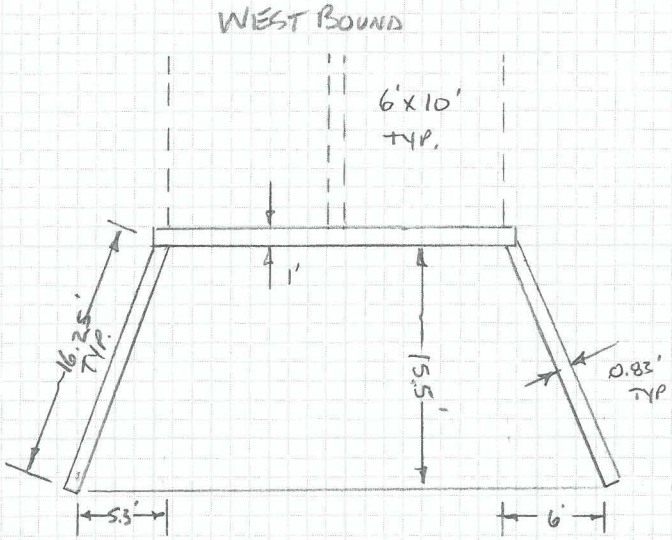
✓ PICTURES

FACING NORTH 0240.JPG

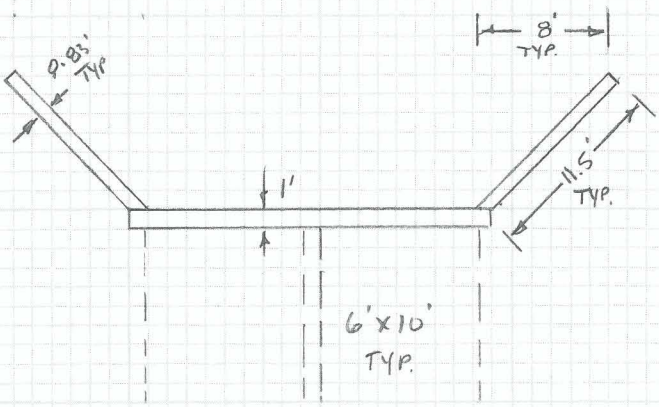
FACING SOUTH 0241.JPG

[248
249]

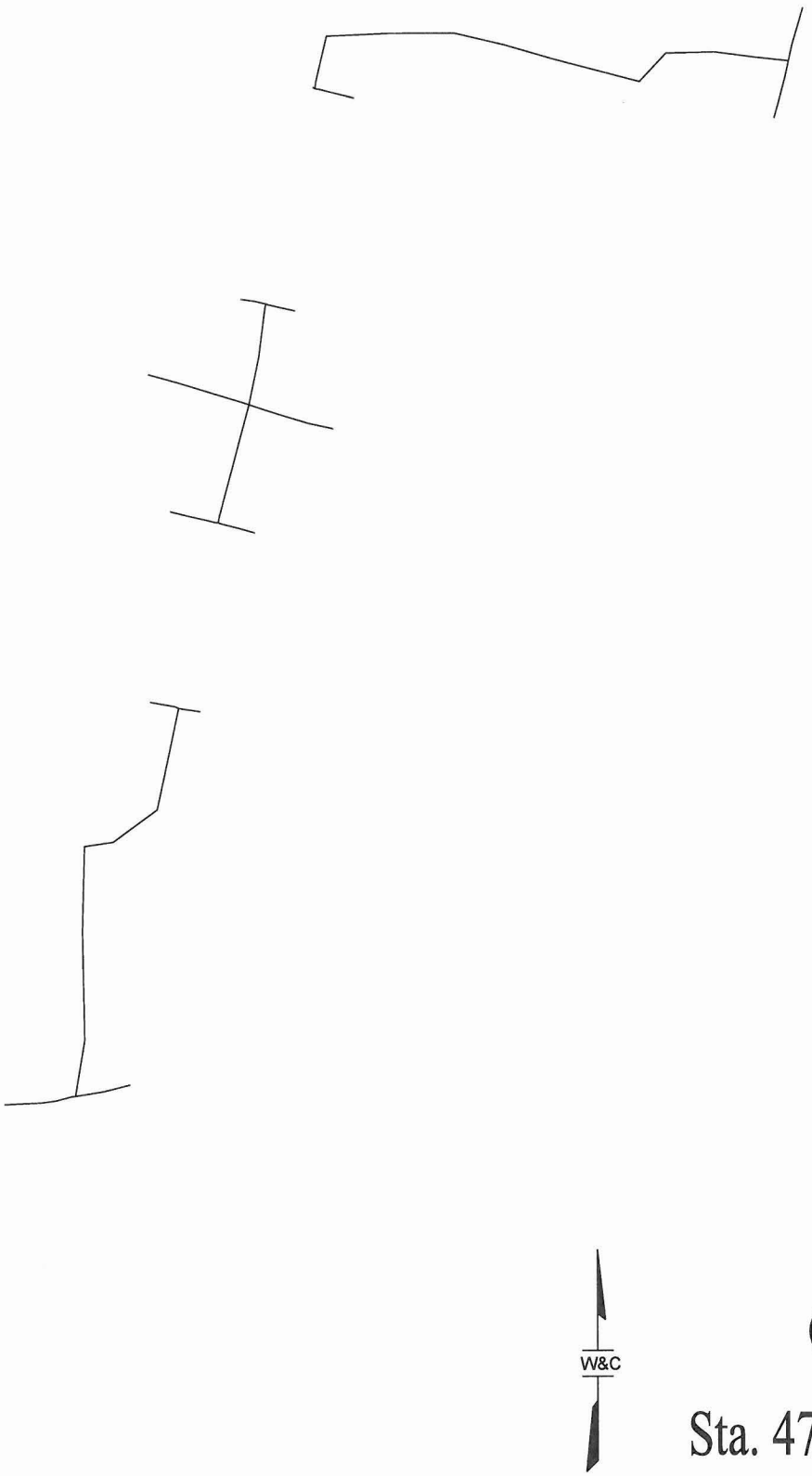
Mhollo



DOUBLE BARREL BOX CULVERT



EAST BOUND



29

Sta. 4720+35.00

Structure #29
Station 4720+35.00

(North of I-10)
10405,915517.8330,365116.5470,1256.1390,BREAKLINE
10406,915520.3630,365106.0780,1256.0270,BREAKLINE
10407,915521.9420,365100.0240,1255.5170,BREAKLINE
10408,915521.9860,365099.0610,1253.8960,BREAKLINE
10409,915522.7260,365097.3200,1253.9340,BREAKLINE
10410,915522.5420,365098.4580,1253.8100,RCP
10411,915525.4180,365098.8150,1254.0000,DITCH FLOWLINE
10412,915546.7620,365103.6920,1255.3060,DITCH FLOWLINE
10413,915521.6850,365098.0850,1255.8860,TOP OF OPENING
10414,915547.9660,365131.9580,1255.3220,DITCH FLOWLINE
10415,915548.0400,365163.3110,1256.0340,DITCH FLOWLINE
10416,915542.4470,365186.8020,1256.6800,DITCH FLOWLINE
10417,915535.8180,365209.5530,1256.9310,DITCH FLOWLINE
10418,915525.1240,365249.6840,1256.3010,DITCH FLOWLINE
10419,915538.4430,365262.1730,1256.3140,DITCH FLOWLINE
10420,915538.9460,365284.7980,1256.8100,DITCH FLOWLINE
10421,915536.5780,365302.6900,1256.2180,DITCH FLOWLINE
10422,915534.6830,365319.6780,1254.5550,DITCH FLOWLINE
10423,915559.6630,365326.2280,1253.9650,BREAKLINE
10424,915542.2920,365321.2190,1253.9690,BREAKLINE
10425,915526.8410,365317.8510,1254.9790,BREAKLINE
10426,915515.5320,365314.9330,1255.3200,BREAKLINE
10427,915508.0650,365312.8730,1255.9240,BREAKLINE

(Middle of I-10)
5626,915325.1450,365030.9510,1255.0420,BREAKLINE
5627,915322.7300,365040.7540,1255.1250,BREAKLINE
5628,915320.8710,365048.9930,1254.8310,BREAKLINE
5629,915319.9650,365052.5770,1254.7290,BREAKLINE
5630,915320.0330,365053.5510,1252.7490,RCP
5631,915319.7290,365053.5160,1254.8300,TOP OF OPENING
5632,915319.5700,365054.3370,1254.8270,BREAKLINE
5633,915317.3270,365063.1920,1255.0220,BREAKLINE
5634,915315.1730,365070.7130,1255.1270,BREAKLINE
5635,915323.0070,365054.0650,1252.7750,FL ES
5636,915363.6570,365107.1640,1254.3120,BREAKLINE
5637,915366.1530,365095.5920,1254.3280,BREAKLINE
5638,915370.3640,365081.7260,1253.1740,BREAKLINE
5639,915372.2730,365075.6400,1252.9960,BREAKLINE
5640,915376.1000,365064.2790,1253.3250,BREAKLINE
5641,915377.6310,365059.1130,1254.0260,BREAKLINE
5642,915380.5100,365049.7190,1254.3090,BREAKLINE
5643,915385.0230,365034.9500,1253.9970,BREAKLINE
5644,915388.9770,365020.7350,1253.5450,BREAKLINE
12423,915423.9420,365064.0440,1254.8530,BREAKLINE
12424,915423.0490,365070.3950,1254.6760,BREAKLINE
12425,915421.9670,365074.9200,1255.2430,BREAKLINE
12426,915421.8990,365075.6940,1253.1740,BREAKLINE
12427,915421.8840,365075.7310,1255.3010,TOP OF OPENING
12428,915421.4320,365076.5720,1255.2700,BREAKLINE
12429,915419.9320,365083.0270,1254.5380,BREAKLINE
12430,915418.5610,365089.3080,1254.9750,BREAKLINE
12431,915418.5620,365075.1830,1253.2140,FL DITCH
12432,915397.0610,365072.5520,1253.3650,FL DITCH
12433,915374.8020,365067.9170,1252.8780,FL DITCH
12434,915344.9500,365060.0280,1252.5880,FL DITCH
12435,915323.1530,365054.1390,1252.5660,FL DITCH
12436,915319.9520,365053.4840,1252.6290,FL DITCH

(South of I-10)
11362,915232.0250,365045.1450,1254.2530,BREAKLINE
11363,915233.2320,365036.8500,1254.0920,BREAKLINE
11364,915233.5890,365034.9210,1252.0130,BREAKLINE
11365,915233.9540,365034.8810,1254.1390,TOP OF OPENING
11366,915234.3430,365033.2970,1254.2440,BREAKLINE
11367,915236.4740,365021.6240,1254.2130,BREAKLINE
11368,915230.4090,365034.2400,1252.2180,FL ES
11369,915186.4940,365024.8450,1251.9240,FL DITCH
11370,915171.4340,365004.2980,1251.1490,FL DITCH
11371,915169.5200,364990.8850,1250.9140,FL DITCH
11372,915130.0410,364989.9180,1250.6620,FL DITCH
11373,915079.3730,364990.8350,1250.2360,FL DITCH
11374,915053.4830,364986.5860,1249.8360,FL DITCH
11375,915049.6120,364953.5520,1251.0330,BREAKLINE
11376,915050.3440,364970.6540,1251.2160,BREAKLINE
11377,915051.2480,364977.3130,1250.3500,BREAKLINE
11378,915053.1570,364984.5910,1249.9850,BREAKLINE
11379,915053.6870,364988.4280,1249.9190,BREAKLINE
11380,915055.5920,365000.1290,1250.4430,BREAKLINE
11381,915058.6170,365012.0630,1250.6810,BREAKLINE

29 EB SS @ 200'

29 EB SS close

29 WB NS Close

29 WB NS @ 200'

29 WB NS Median

29 EB SS Median

COMP.

CK.

DATE 10/22/07

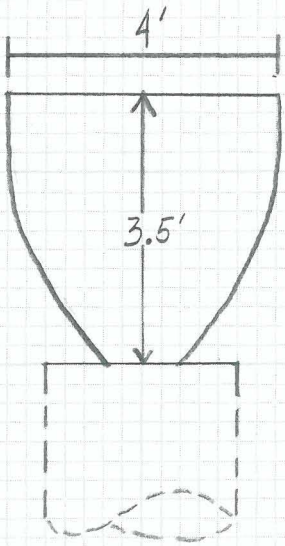
WILSON & COMPANY

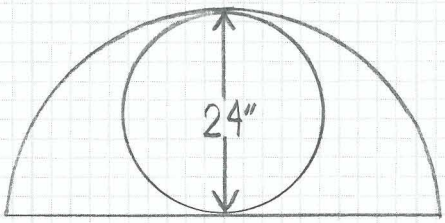
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #29
North Face
West Bound
CMP





COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-07-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 29

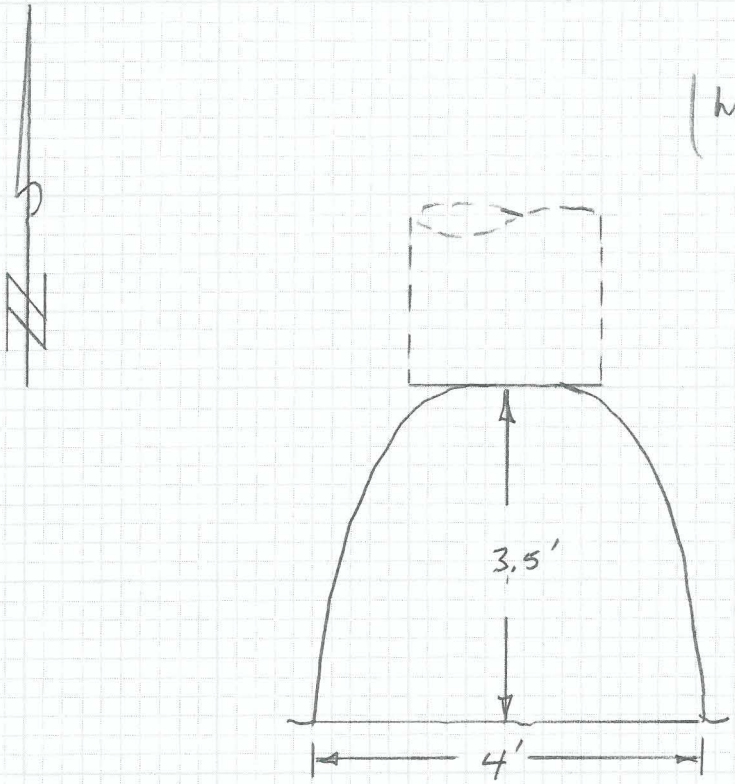
H. BEJARANO
D. ACOSTA

Pt Range - 11363 - 11381

✓ PICTURES

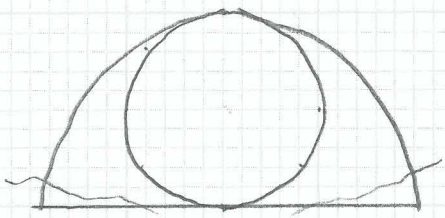
(Minolta)

57	200'	0049
58	100'	0050
59	CLOSE	0051



1 EA. 24" CMP

PLAN VIEW



SOUTH FACE

COMP.

CK.

DATE 11-21-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 29

MEDIAN

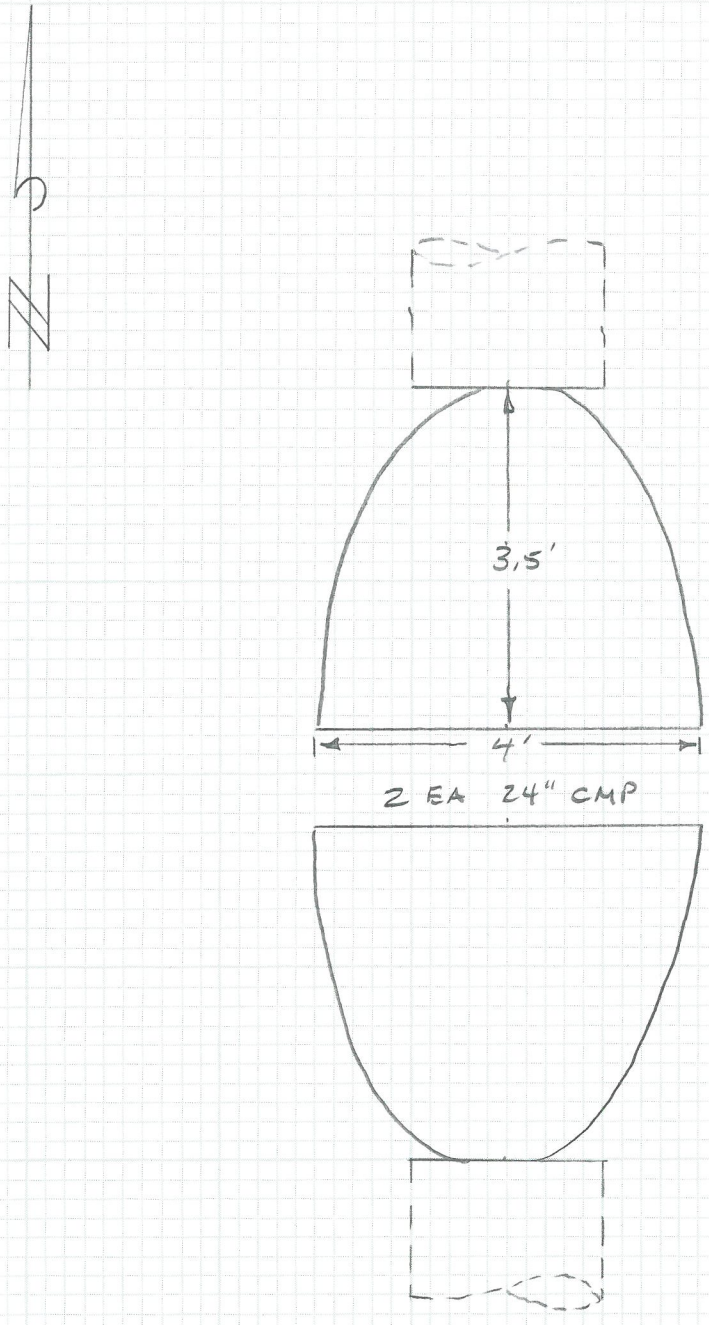
M. BEJARANO

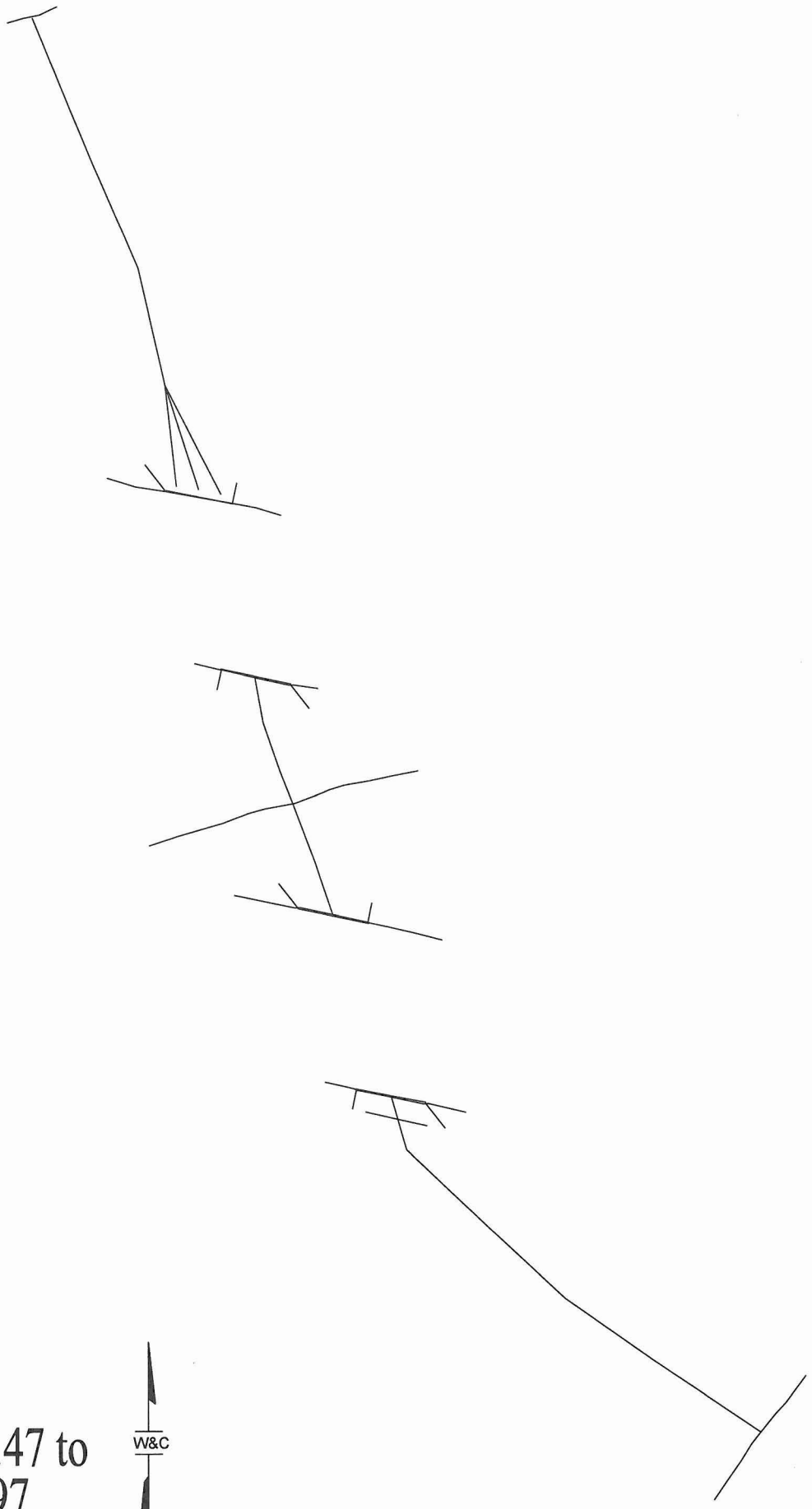
PICTURES

FACING NORTH 0165 / 173

FACING SOUTH 0166 / 174

MINOLTA





30

Sta. 4724+47.47 to
4724+85.97

W&C

Structure #30
Station 4724+47.47 to 4724+85.97

(North of I-10)
2444,915445.8360,365425.0500,1257.4370,BREAKLINE
2445,915449.9160,365411.6550,1257.1760,BREAKLINE
2446,915451.9200,365400.5950,1257.2950,BREAKLINE
2447,915453.1160,365394.0560,1258.3390,TOP OF OPENING
2448,915455.3450,365381.9590,1258.3480,TOP OF OPENING
2449,915457.4790,365369.6770,1258.2540,TOP OF OPENING
2450,915458.6740,365362.6950,1257.2080,BREAKLINE
2451,915460.9060,365348.0700,1256.9710,BREAKLINE
2452,915465.5100,365333.1210,1256.7690,BREAKLINE
2453,915472.6680,365353.0660,1255.2940,WINGWALL
2454,915472.8600,365352.7970,1254.0750,SPOT
2455,915459.4550,365363.3930,1257.3770,WINGWALL
2456,915459.1300,365363.3260,1258.3440,HEADWALL
2457,915451.8270,365400.1200,1258.3830,HEADWALL
2458,915452.2710,365399.5790,1257.3500,WINGWALL
2459,915462.9050,365401.7720,1255.3460,WINGWALL
2460,915463.1350,365401.7190,1253.7470,SPOT
2461,915454.4300,365394.4130,1251.4420,RCP
2462,915456.7570,365381.4420,1251.8410,RCP
2463,915459.1120,365369.8070,1251.6720,RCP
2464,915461.0210,365369.8640,1251.8020,DITCH FLOWLINE
2465,915459.3620,365381.6270,1251.6900,DITCH FLOWLINE
2466,915456.9330,365393.3870,1251.1570,DITCH FLOWLINE
2467,915514.0830,365363.6540,1251.8620,DITCH FLOWLINE
2468,915576.1650,365349.1060,1251.2580,DITCH FLOWLINE
2469,915634.8620,365323.1380,1253.0320,DITCH FLOWLINE
2470,915708.1480,365292.4730,1253.4470,DITCH FLOWLINE
2471,915717.6290,365310.2410,1256.5070,BREAKLINE
2472,915714.0260,365305.5670,1255.0970,BREAKLINE
2473,915709.6840,365296.3070,1254.1980,BREAKLINE
2474,915707.9420,365287.6180,1252.8640,BREAKLINE
2475,915705.5020,365279.3080,1255.1950,BREAKLINE

(Middle of I-10)
5645,915246.1380,365400.8300,1255.2280,BREAKLINE
5646,915243.7060,365412.7070,1255.2840,BREAKLINE
5647,915241.1500,365424.9840,1255.4260,BREAKLINE
5648,915239.5050,365432.8530,1255.6910,BREAKLINE
5649,915252.5230,365423.9030,1254.0660,WINGWALL
5650,915240.0900,365433.5860,1255.8790,WINGWALL
5651,915239.4280,365434.0980,1255.9330,WINGWALL
5652,915239.1750,365434.0880,1256.8670,HEADWALL
5653,915238.0530,365440.8730,1254.9650,TOP OF OPENING
5654,915235.5680,365452.8180,1254.9250,TOP OF OPENING
5655,915232.9860,365465.2200,1254.8410,TOP OF OPENING
5656,915231.5310,365471.1920,1256.7890,HEADWALL
5657,915231.8540,365470.7350,1255.9260,WINGWALL
5658,915242.2380,365472.8290,1253.8200,WINGWALL
5659,915239.7700,365435.1700,1249.9620,BREAKLINE
5660,915232.2590,365470.3940,1249.8040,BREAKLINE
5661,915231.7460,365471.8570,1256.8030,BREAKLINE
5662,915229.7310,365481.4810,1256.2910,BREAKLINE
5663,915226.5080,365495.5310,1256.0530,BREAKLINE
5664,915222.7870,365510.0870,1256.1520,BREAKLINE
5665,915311.6100,365497.3710,1256.5090,BREAKLINE
5666,915308.8860,365483.2910,1255.6900,BREAKLINE
5667,915306.4370,365472.0320,1254.6020,BREAKLINE
5668,915304.0430,365458.2930,1252.8030,BREAKLINE
5669,915301.5150,365450.0860,1251.4460,BREAKLINE
5670,915300.2900,365447.6000,1250.8230,BREAKLINE

5671,915294.5600,365432.3970,1250.5840,BREAKLINE
5672,915291.6280,365416.5670,1250.7980,BREAKLINE
5673,915289.3010,365408.2800,1252.5340,BREAKLINE
5674,915284.1750,365395.0070,1253.2060,BREAKLINE
5675,915277.4050,365371.4750,1253.6630,BREAKLINE
5676,915272.2780,365355.7980,1254.1140,BREAKLINE
12437,915354.2320,365391.5780,1254.4690,WINGWALL
12438,915364.3720,365393.8180,1256.6830,WINGWALL
12439,915364.7120,365393.8820,1256.6760,WINGWALL
12440,915365.0750,365393.3640,1257.6390,HEADWALL
12441,915360.3480,365415.7500,1257.6280,HEADWALL
12442,915357.2860,365430.3140,1257.5870,HEADWALL
12443,915357.1460,365429.9950,1256.6050,WINGWALL
12444,915356.9900,365430.0290,1256.5910,WINGWALL
12445,915344.4220,365439.8890,1254.6620,WINGWALL
12446,915359.5450,365423.9300,1255.6640,TOP OF OPENING
12447,915362.1780,365411.6640,1255.6970,TOP OF OPENING
12448,915364.6490,365399.3430,1255.7840,TOP OF OPENING
12449,915367.9210,365379.5440,1256.1590,BREAKLINE
12450,915364.6680,365393.0420,1256.4200,BREAKLINE
12451,915364.5380,365394.3640,1251.5710,BREAKLINE
12452,915360.6170,365411.3940,1250.9770,BREAKLINE
12453,915356.7400,365429.0010,1250.5820,BREAKLINE
12454,915356.7810,365431.6000,1256.4810,BREAKLINE
12455,915354.9340,365444.5030,1256.2540,BREAKLINE
12456,915336.7970,365415.8210,1250.9580,FL DITCH
12457,915311.3120,365424.6480,1250.6010,FL DITCH
12458,915291.9170,365432.3010,1250.3800,FL DITCH
12459,915263.9340,365442.9060,1250.3560,FL DITCH
12460,915236.0570,365452.3190,1249.6620,FL DITCH

(South of I-10)
11382,915132.3390,365522.6930,1253.8450,BREAKLINE
11383,915136.9780,365502.6360,1254.9750,BREAKLINE
11384,915137.1420,365501.2110,1255.0790,WINGWALL
11385,915137.0740,365501.1680,1255.0930,WINGWALL
11386,915123.9570,365511.6370,1252.9650,WINGWALL
11387,915136.7760,365500.1880,1248.9810,BREAKLINE
11388,915140.3750,365483.1940,1249.0400,BREAKLINE
11389,915143.8800,365465.5270,1249.1240,BREAKLINE
11390,915144.7830,365463.3910,1254.8730,BREAKLINE
11391,915148.2250,365448.2000,1254.3130,BREAKLINE
11392,915144.4340,365464.7750,1255.0340,WINGWALL
11393,915134.0270,365462.6340,1252.9680,WINGWALL
11394,915137.6360,365501.4310,1256.0460,HEADWALL
11395,915141.0420,365482.7970,1256.1040,HEADWALL
11396,915144.6880,365464.2900,1256.1820,HEADWALL
11397,915144.6010,365470.5760,1254.1100,TOP OF OPENING
11398,915141.9570,365482.6560,1254.1430,TOP OF OPENING
11399,915139.4850,365494.6940,1254.1390,TOP OF OPENING
11400,915132.5390,365469.5390,1248.9500,CONCRETE
11401,915129.0390,365484.9530,1249.0200,CONCRETE
11402,915125.2560,365502.0370,1248.9310,CONCRETE
11403,915112.6450,365491.2450,1248.8550,FL DITCH
11404,915079.2320,365526.7540,1248.3050,FL DITCH
11405,915034.5570,365574.8000,1247.1440,FL DITCH
11406,915002.1800,365621.5120,1247.0880,FL DITCH
11407,914964.6360,365677.8830,1246.5950,FL DITCH
11408,914929.0470,365653.3210,1250.0420,BREAKLINE
11409,914949.0020,365667.1240,1249.5950,BREAKLINE
11410,914958.2760,365672.9630,1246.2940,BREAKLINE
11411,914964.9600,365678.1940,1246.6560,BREAKLINE
11412,914974.5820,365686.0340,1247.8490,BREAKLINE
11413,914979.9110,365691.0330,1250.2580,BREAKLINE
11414,914994.2090,365701.7920,1249.1110,BREAKLINE

30 WB NS @ 200'

30 WB NS Close

30 EB SS @ 200'

30 EB SS Close

30 WB NS Median

30 EB SS Median

COMP.

CK.

DATE 10-19-07

WILSON & COMPANY

LOC. TONOPAH, AZ FILE

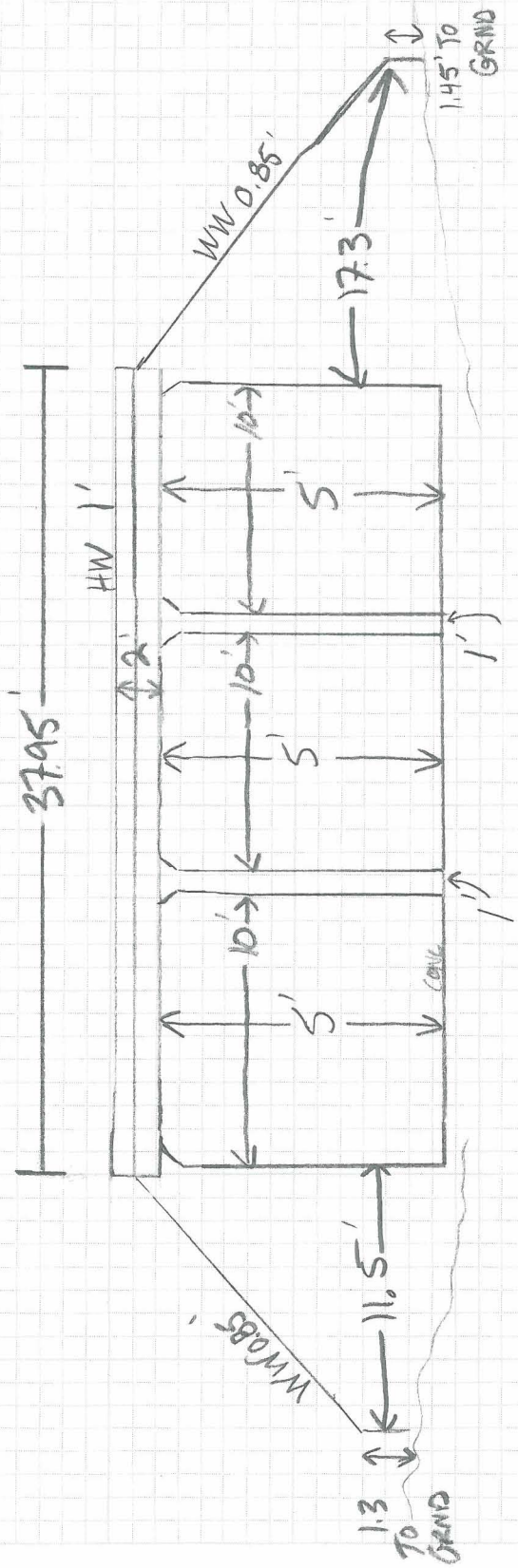
PROJ. I-10 SHEET

SUBJ. OF

Structure #30
North Face
West Bound

PT. RANGE # 2444 - 2475

√PIC # 84-86



#86 CLOSE

#85 75'

#84 200'

N

PRINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 1/-21-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 30

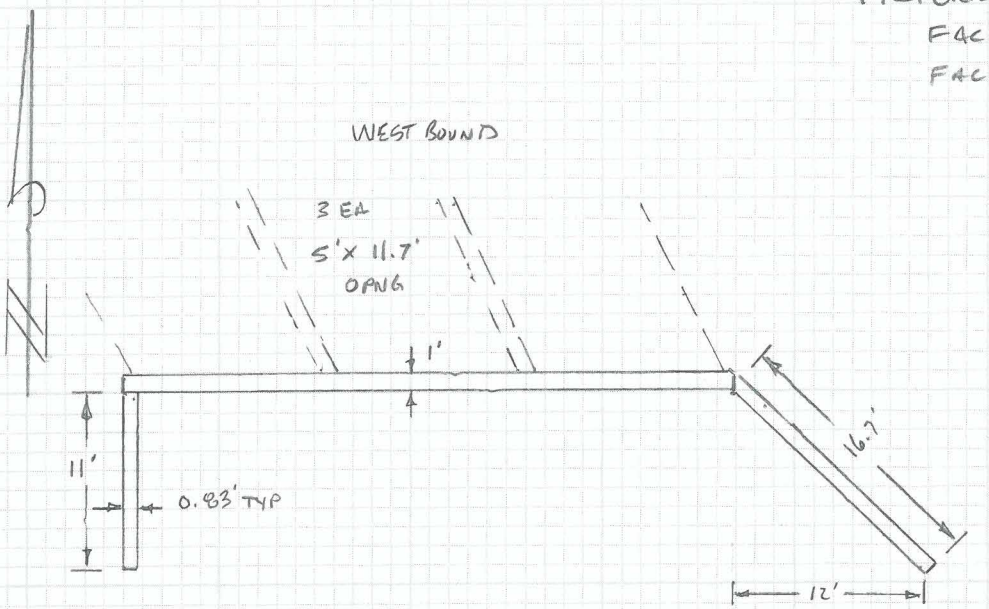
MEDIAN

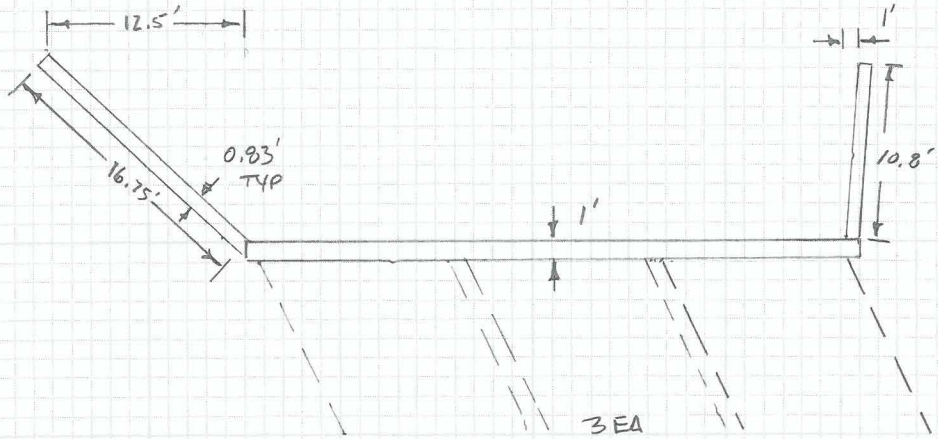
H. BEJARANO

PICTURES

FACING NORTH 0167 175

FACING SOUTH 0168 176





EAST BOUND

COMP.

CK.

DATE 11-07-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

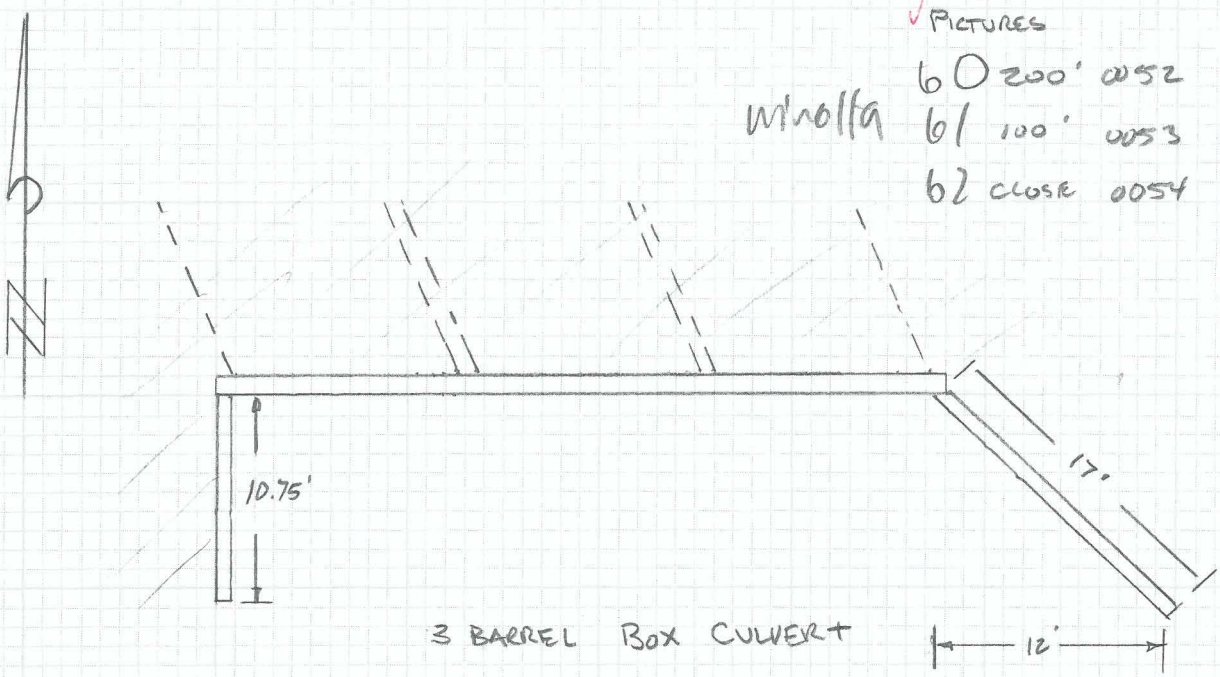
SURVEY DRAINAGE STRUCTURE # 30

H. BEJARANO
D. ACOSTA

Pt Range - 11382 - 11414

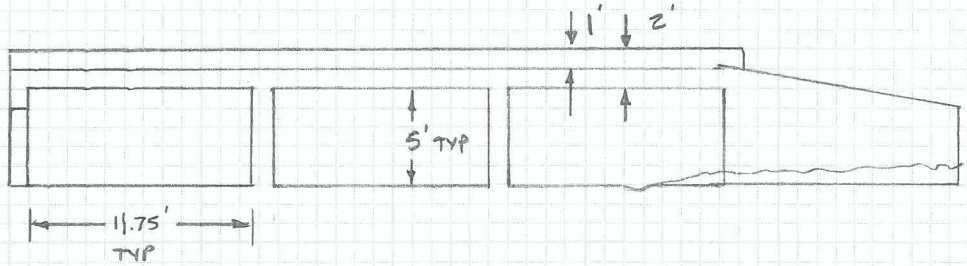
✓ PICTURES

Minolta
60 200' 0052
61 100' 0053
62 CLOSE 0054



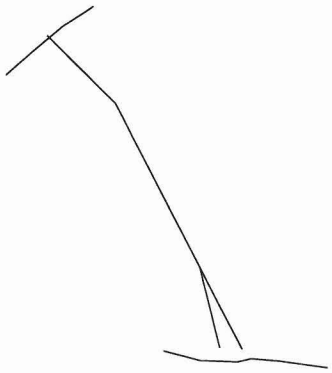
3 BARREL BOX CULVERT

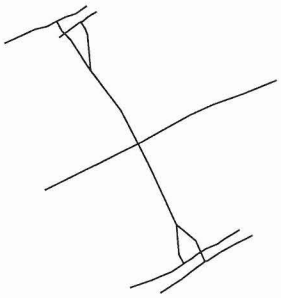
PLAN VIEW

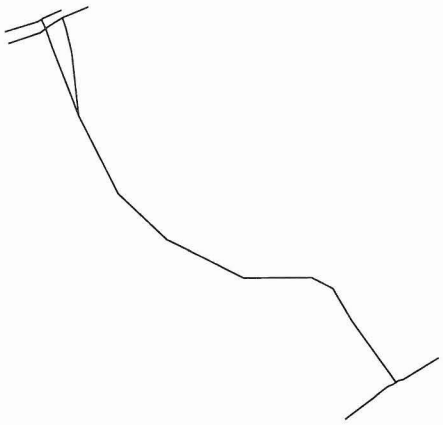


SOUTH FACE

EAST BOUND







31

W&C

Sta. 4733+07.00

Structure #31
Station 4733+07.00

(North of I-10)
2424,915311.2980,366171.1420,1249.6940,BREAKLINE
2425,915314.2310,366150.1800,1249.7880,BREAKLINE
2426,915315.2930,366138.0770,1249.5350,BREAKLINE
2427,915317.1800,366135.1310,1248.9020,TOP OF OPENING
2428,915313.9270,366132.0640,1249.2630,BREAKLINE
2429,915317.7080,366125.9650,1248.9130,TOP OF OPENING
2430,915314.5890,366115.8480,1249.9580,BREAKLINE
2431,915318.8000,366099.8770,1250.5200,BREAKLINE
2432,915318.3030,366125.5760,1245.7400,RCP
2433,915320.1500,366124.4250,1245.6460,DITCH FLOWLINE
2434,915322.1450,366123.0910,1245.7530,FL ES
2435,915318.0130,366135.6010,1245.6520,RCP
2436,915319.4590,366134.0790,1245.8150,DITCH FLOWLINE
2437,915354.8490,366115.6190,1245.8480,DITCH FLOWLINE
2438,915426.1910,366078.5010,1246.5230,DITCH FLOWLINE
2439,915455.8720,366048.9830,1245.6460,DITCH FLOWLINE
2440,915438.8130,366031.1600,1251.2630,BREAKLINE
2441,915449.8620,366043.7490,1249.0310,BREAKLINE
2442,915459.9250,366055.8040,1248.8450,BREAKLINE
2443,915468.4910,366068.7820,1250.6680,BREAKLINE

(Middle of I-10)
5677,915058.5400,366241.8300,1249.8480,BREAKLINE
5678,915064.3460,366250.7850,1248.5810,BREAKLINE
5679,915069.5320,366257.5910,1247.6560,BREAKLINE
5680,915071.5620,366260.4450,1246.9470,BREAKLINE
5681,915072.0870,366261.0990,1243.8050,RCP
5682,915071.9440,366261.4010,1246.8800,TOP OF OPENING
5683,915072.3300,366262.1590,1246.8520,BREAKLINE
5684,915075.9310,366267.5810,1246.1180,BREAKLINE
5685,915079.6150,366274.2930,1246.4070,BREAKLINE
5686,915083.2660,366281.7960,1247.6040,BREAKLINE
5687,915085.6710,366276.0640,1246.7430,BREAKLINE
5688,915082.0430,366269.9840,1245.9830,BREAKLINE
5689,915079.5830,366266.4420,1245.1570,BREAKLINE
5690,915077.5930,366261.5880,1244.1720,BREAKLINE
5691,915076.1620,366259.2810,1243.7730,FL ES
5692,915074.9190,366257.2760,1244.3240,BREAKLINE
5693,915073.4130,366255.4900,1245.5580,BREAKLINE
5694,915072.0370,366253.1680,1246.3670,BREAKLINE
5695,915071.3610,366252.0150,1243.4490,RCP
5696,915070.4780,366250.8830,1246.5630,BREAKLINE
5697,915067.7870,366246.9040,1247.8630,BREAKLINE
5698,915063.8950,366237.6390,1249.0190,BREAKLINE
5699,915060.8880,366228.6470,1250.1910,BREAKLINE
5700,915075.2820,366249.9570,1243.3900,FL ES
5701,915150.3040,366292.3120,1250.4980,BREAKLINE
5702,915144.6010,366278.1840,1249.9470,BREAKLINE
5703,915139.8600,366264.7110,1249.0210,BREAKLINE
5704,915135.2800,366254.5030,1246.7330,BREAKLINE
5705,915129.4270,366243.8790,1244.8790,BREAKLINE
5706,915123.7670,366233.7590,1244.2620,BREAKLINE
5707,915120.2220,366226.4360,1244.8750,BREAKLINE
5708,915115.1290,366216.2210,1246.6390,BREAKLINE
5709,915109.3690,366204.6300,1247.5610,BREAKLINE
5710,915103.0320,366191.7600,1247.4550,BREAKLINE
12461,915166.5190,366174.4520,1247.7570,BREAKLINE
12462,915172.5480,366187.5920,1247.5160,BREAKLINE
12463,915173.7270,366192.7490,1247.4560,BREAKLINE
12464,915175.6010,366196.0750,1247.4040,BREAKLINE

12465,915175.9930,366196.8750,1244.4250,BREAKLINE
12466,915176.3800,366197.7020,1247.4690,BREAKLINE
12467,915177.4130,366199.8930,1247.3980,BREAKLINE
12468,915177.7550,366200.5050,1247.4390,BREAKLINE
12469,915179.2730,366205.3010,1248.6380,BREAKLINE
12470,915182.5640,366209.9070,1249.2120,BREAKLINE
12471,915180.1170,366214.0640,1248.5530,BREAKLINE
12472,915177.9070,366210.5160,1247.7430,BREAKLINE
12473,915176.0140,366208.3300,1247.2370,BREAKLINE
12474,915175.6750,366207.3890,1244.3670,BREAKLINE
12475,915175.8470,366207.3150,1247.4500,TOP OF OPENING
12476,915175.2820,366206.6340,1247.0520,BREAKLINE
12477,915172.5490,366202.8850,1244.2310,BREAKLINE
12478,915168.9770,366198.0520,1244.3100,BREAKLINE
12479,915171.8130,366199.1030,1244.0830,FL DITCH
12480,915172.8080,366209.2090,1244.1740,FL DITCH
12481,915170.1960,366210.2380,1243.9550,FL DITCH
12482,915167.8090,366203.0150,1244.1210,FL DITCH
12483,915154.6170,366211.5810,1244.2770,FL DITCH
12484,915137.5080,366224.6180,1243.8870,FL DITCH
12485,915114.6790,366236.4040,1244.1240,FL DITCH
12486,915087.9950,366248.7700,1243.6650,FL DITCH
12487,915081.0270,366257.1570,1243.5930,FL DITCH
12488,915072.0520,366261.0560,1243.5520,FL DITCH
12489,915075.1710,366249.7970,1243.2170,FL DITCH
12490,915071.0270,366251.9350,1243.3510,FL DITCH

(South of I-10)
11415,914950.3140,366342.9590,1246.6760,BREAKLINE
11416,914946.1820,366332.9570,1245.3590,BREAKLINE
11417,914945.6600,366331.7170,1242.3330,FL DITCH
11418,914944.9910,366330.6710,1245.0470,BREAKLINE
11419,914941.9240,366325.7420,1242.8330,BREAKLINE
11420,914939.1990,366322.1340,1242.6240,BREAKLINE
11421,914934.5850,366308.3030,1244.4480,BREAKLINE
11422,914939.5900,366306.6920,1245.0810,BREAKLINE
11423,914943.9420,366320.9350,1244.7150,BREAKLINE
11424,914944.9550,366322.6400,1241.9790,FL DITCH
11425,914945.5420,366323.5760,1244.8190,BREAKLINE
11426,914948.9330,366331.2690,1245.9310,BREAKLINE
11427,914945.8100,366331.6630,1245.4790,TOP OF OPENING
11428,914945.1130,366322.3750,1245.0960,TOP OF OPENING
11429,914941.1000,366333.2480,1242.1360,FL DITCH
11430,914940.5430,366324.6290,1242.2060,FL DITCH
11431,914933.2830,366327.1650,1242.2660,FL DITCH
11432,914930.6240,366335.7030,1242.6420,FL DITCH
11433,914903.4240,366338.6640,1242.5430,FL DITCH
11434,914869.4690,366355.8010,1241.8040,FL DITCH
11435,914849.6500,366376.7160,1241.1510,FL DITCH
11436,914833.0690,366410.1070,1240.8490,FL DITCH
11437,914833.2700,366439.7320,1240.4020,FL DITCH
11438,914828.5120,366449.0710,1240.3050,FL DITCH
11439,914814.6110,366457.1410,1240.0660,FL DITCH
11440,914798.3930,366494.7410,1241.8430,BREAKLINE
11441,914789.1530,366479.5410,1241.4220,BREAKLINE
11442,914788.5960,366477.4120,1239.9240,BREAKLINE
11443,914787.8450,366476.3040,1239.7300,FL DITCH
11444,914787.0350,366475.0840,1240.0150,BREAKLINE
11445,914786.0400,366472.6950,1241.3380,BREAKLINE
11446,914783.6600,366469.6220,1241.2260,BREAKLINE
11447,914781.8590,366467.3970,1242.0420,BREAKLINE
11448,914772.1520,366454.3280,1242.0350,BREAKLINE

31 EB SS @ 200'

31 EB SS close

31 WB NS @ 200'

31 WB NS Close

31 WB NS Median

31 EB SS Median

COMP.

CK.

DATE 10/19/07

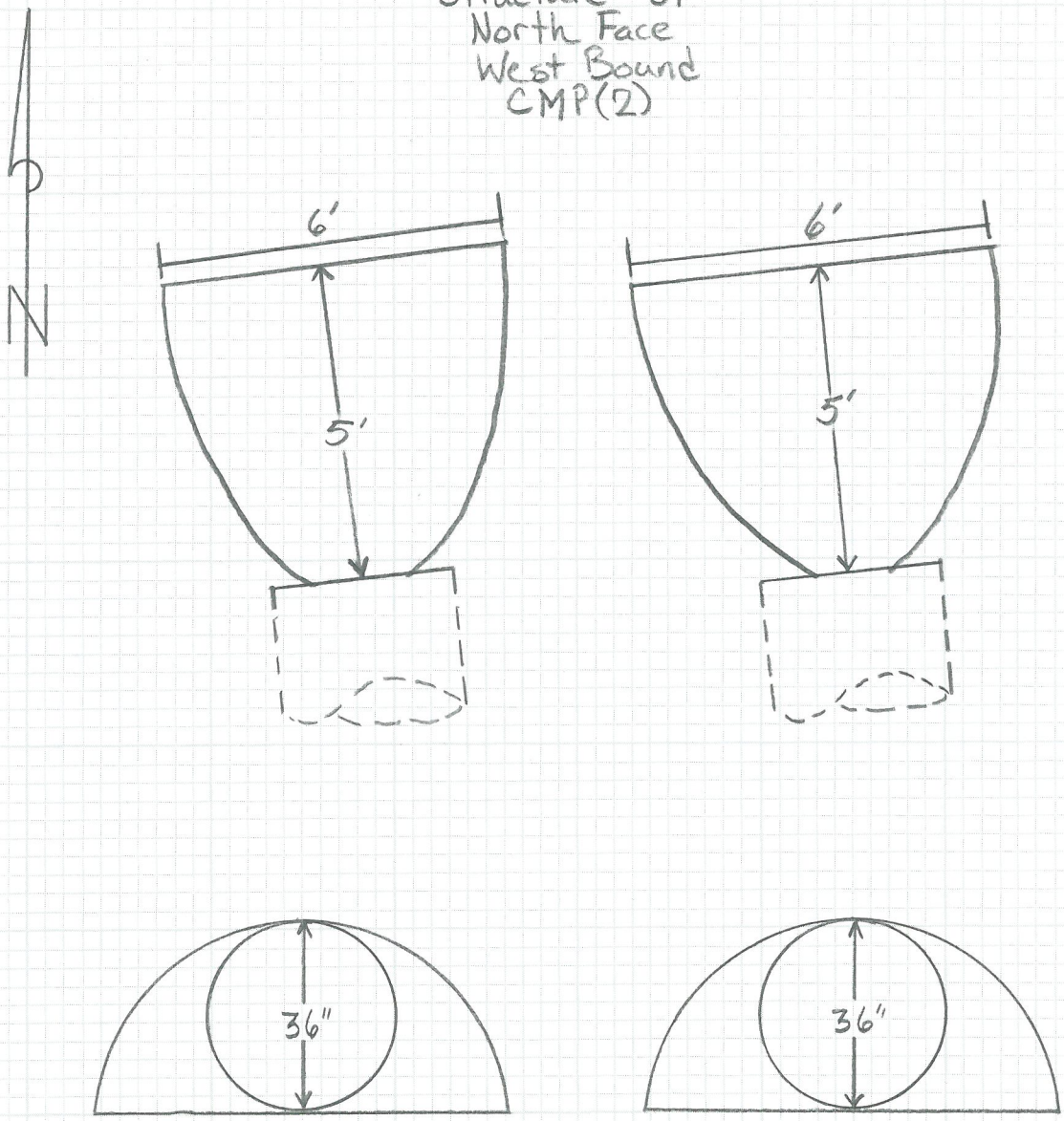
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #31
North Face
West Bound
CMP(2)



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-21-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 31

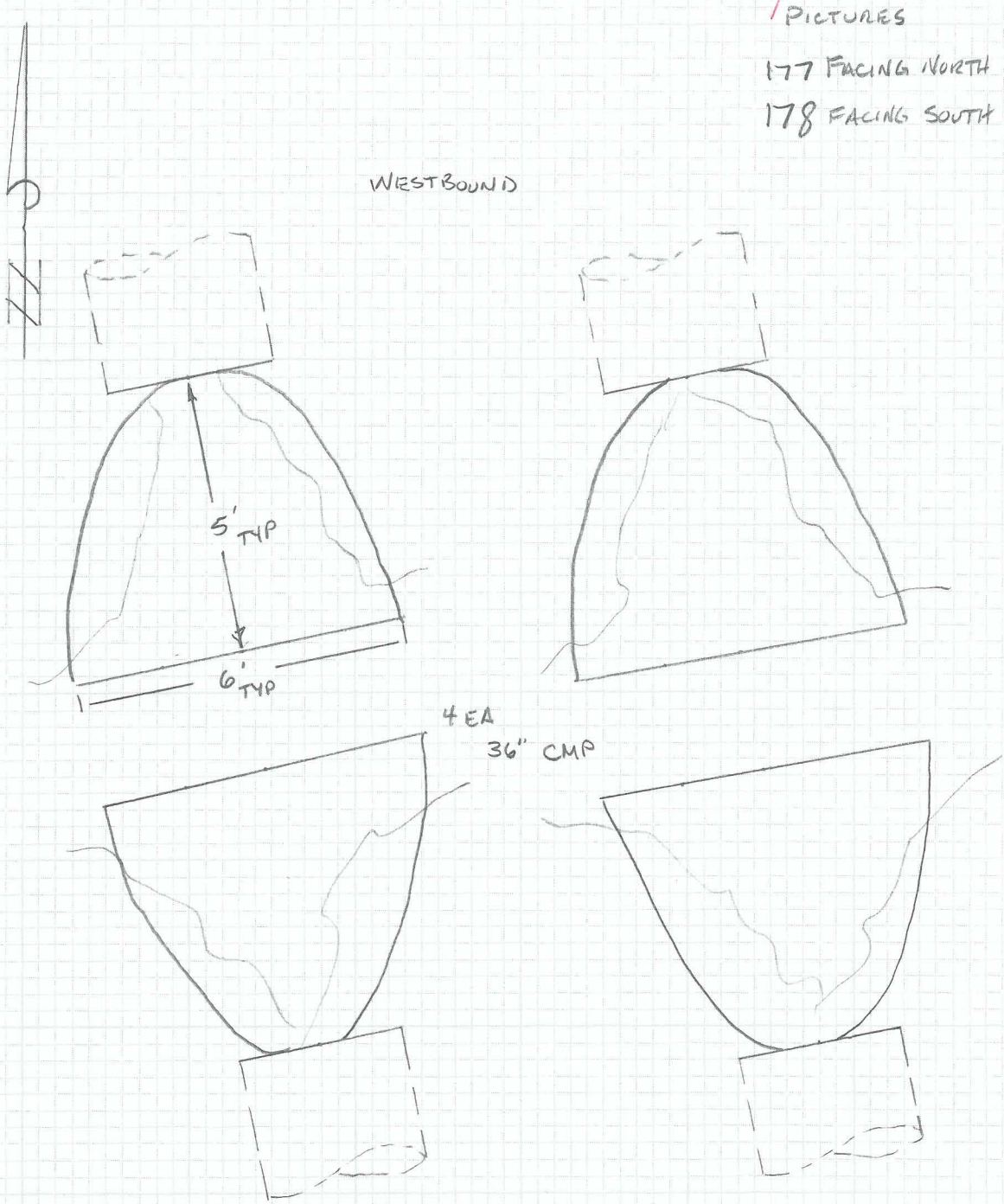
MEDIAN

BY H. BEJARANO

PICTURES

177 FACING NORTH 0169

178 FACING SOUTH 0170



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-07-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #31

H. BEJARANO

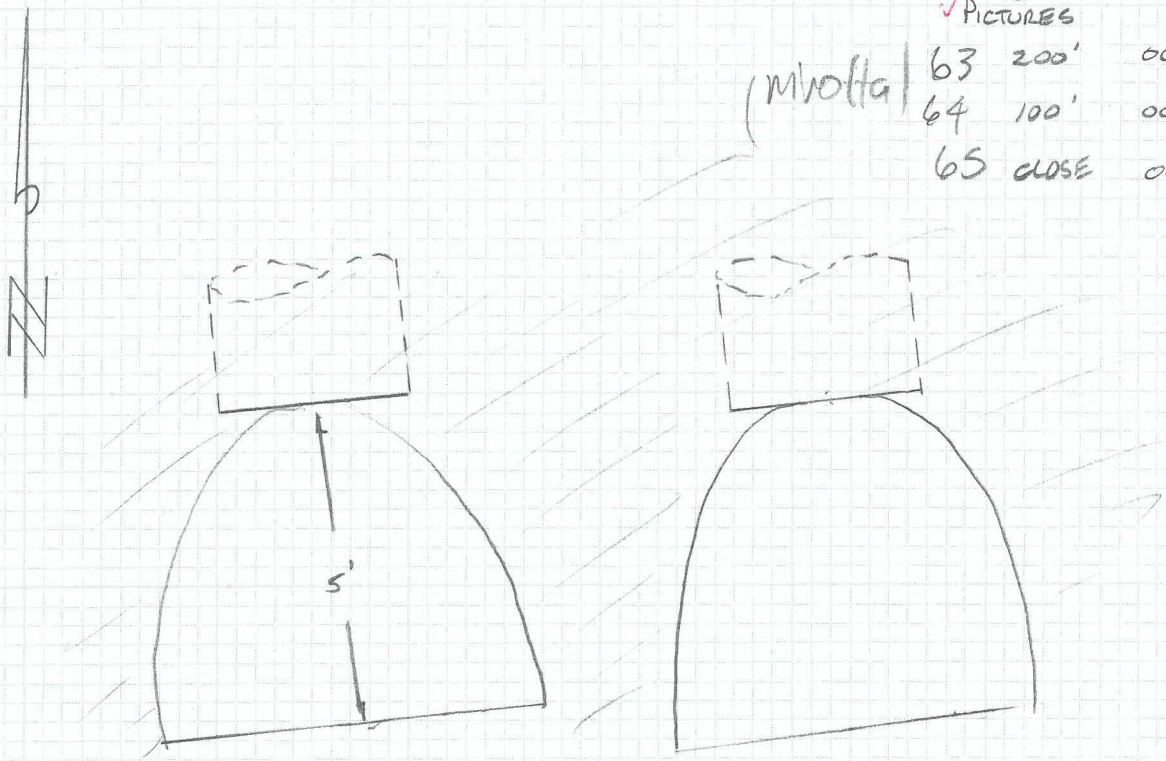
D. ACOSTA

Pt Range - 11415 - 11448

PICTURES

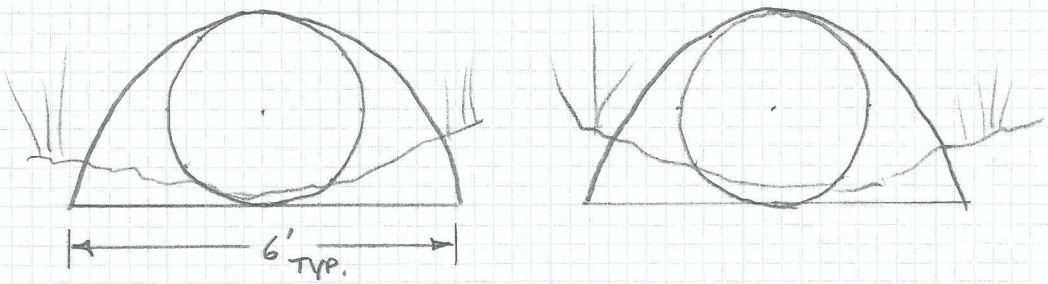
(Minolta)

63	200'	0055
64	100'	0056
65	CLOSE	0057



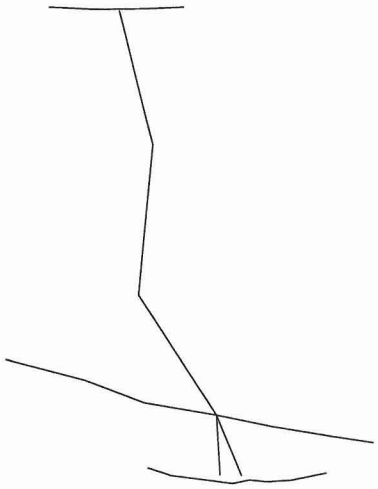
2 EA. 36" CMP

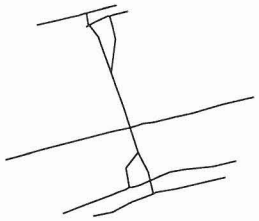
PLAN VIEW

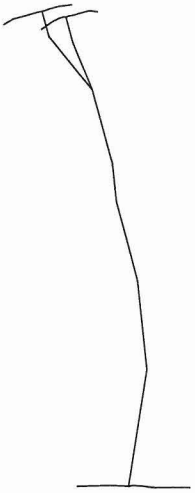


SOUTH FACE

EAST BOUND







32

W&C

Sta. 4736+65.00

Structure #32
Station 4736+65.00

(North of I-10)
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2395,915218.0860,366597.5270,1246.7840,BREAKLINE
2396,915217.3660,366586.7420,1247.1400,BREAKLINE
2397,915218.1490,366579.2130,1245.4520,BREAKLINE
2398,915217.8400,366576.2090,1245.2960,TOP OF OPENING
2399,915218.0270,366576.4430,1242.1200,RCP
2400,915216.6310,366571.8030,1245.5270,BREAKLINE
2401,915219.0130,366567.1030,1245.2560,TOP OF OPENING
2402,915219.2110,366567.1770,1242.0490,RCP
2403,915218.3150,366558.9270,1246.2910,BREAKLINE
2404,915220.0000,366545.5220,1247.4920,BREAKLINE
2405,915223.3440,366535.2390,1247.3780,BREAKLINE
2406,915220.0220,366575.7470,1242.0330,DITCH FLOWLINE
2407,915222.8700,366574.4500,1242.1070,FL ES
2408,915220.2170,366566.4870,1241.9940,DITCH FLOWLINE
2409,915224.5450,366565.6810,1242.5060,FL ES
2410,915246.2920,366564.7930,1242.7220,DITCH FLOWLINE
2411,915241.3620,366588.7400,1244.5080,DITCH FLOWLINE
2412,915237.0180,366615.1310,1245.2480,DITCH FLOWLINE
2413,915234.3440,366633.1710,1245.2590,DITCH FLOWLINE
2414,915251.5780,366533.6450,1243.8890,DITCH FLOWLINE
2415,915261.3680,366507.4870,1244.2990,DITCH FLOWLINE
2416,915270.2570,366473.0850,1245.0220,DITCH FLOWLINE
2417,915298.2450,366530.8930,1243.5760,DITCH FLOWLINE
2418,915363.5200,366536.6560,1245.1470,DITCH FLOWLINE
2419,915421.6370,366521.7540,1245.8120,DITCH FLOWLINE
2420,915423.2330,366549.7410,1247.2260,BREAKLINE
2421,915422.4900,366532.6660,1246.3510,BREAKLINE
2422,915422.2140,366510.5670,1246.2150,BREAKLINE
2423,915423.1360,366491.1170,1246.9950,BREAKLINE

(Middle of I-10)
5711,914991.8280,366590.9960,1246.9800,BREAKLINE
5712,914995.8090,366601.2460,1245.9140,BREAKLINE
5713,914999.7600,366611.9050,1244.4690,BREAKLINE
5714,915001.2050,366615.4180,1243.9770,BREAKLINE
5715,915002.2610,366618.4440,1242.5290,BREAKLINE
5716,915003.0530,366620.2820,1242.4200,TOP OF OPENING
5717,915003.2640,366619.9830,1239.7250,RCP
5718,915003.2170,366621.1840,1242.2730,BREAKLINE
5719,915003.9890,366624.1630,1241.3600,BREAKLINE
5720,915004.9780,366626.4190,1239.9410,BREAKLINE
5721,915007.8520,366632.9240,1240.5110,BREAKLINE
5722,915005.3870,366629.0960,1239.8200,FL ES
5723,915007.8520,366619.0280,1239.8390,FL ES
5724,915009.8080,366637.5230,1242.4600,BREAKLINE
5725,915010.9560,366643.9170,1243.9310,BREAKLINE
5726,915012.1960,366656.1490,1244.7570,BREAKLINE
5727,915014.6410,366666.2930,1244.6460,BREAKLINE
5728,915007.5050,366661.5740,1244.7410,BREAKLINE
5729,915004.5480,366648.7880,1244.5720,BREAKLINE
5730,915002.5220,366640.3700,1244.1000,BREAKLINE
5731,915001.4820,366634.1520,1242.9580,BREAKLINE
5732,915001.0240,366631.5830,1242.6050,BREAKLINE
5733,915000.5130,366630.5450,1239.6560,RCP
5734,914999.9110,366629.2110,1242.7800,BREAKLINE
5735,914998.6740,366625.9600,1243.9140,BREAKLINE
5736,914996.8470,366621.0580,1245.0190,BREAKLINE
5737,914992.3790,366612.4610,1246.2040,BREAKLINE
5738,914990.7400,366604.2100,1246.6090,BREAKLINE

5739,915015.0480,366566.1840,1244.3490,BREAKLINE
5740,915019.6390,366582.9790,1244.2120,BREAKLINE
5741,915025.2690,366604.8540,1242.3610,BREAKLINE
5742,915027.1530,366612.1660,1240.8070,BREAKLINE
5743,915028.7920,366620.1520,1239.8580,BREAKLINE
5744,915030.6110,366625.7940,1240.2460,BREAKLINE
5745,915031.2910,366630.9190,1241.2070,BREAKLINE
5746,915033.3710,366639.2220,1243.3370,BREAKLINE
5747,915035.1310,366647.2010,1244.8690,BREAKLINE
5748,915038.9270,366660.0640,1244.9470,BREAKLINE
5749,915042.1280,366673.7780,1245.0390,BREAKLINE
12491,915073.3020,366579.5700,1244.1090,BREAKLINE
12492,915075.7740,366590.3970,1243.5050,BREAKLINE
12493,915076.8110,366594.4080,1242.8920,BREAKLINE
12494,915076.9780,366595.6260,1242.5780,BREAKLINE
12495,915077.3830,366597.3100,1242.2940,BREAKLINE
12496,915078.2950,366600.1880,1242.9750,BREAKLINE
12497,915078.3990,366601.0260,1240.1340,BREAKLINE
12498,915078.6570,366601.0880,1243.0980,TOP OF OPENING
12499,915078.8250,366602.2620,1242.9450,BREAKLINE
12500,915080.9390,366610.4680,1243.8690,BREAKLINE
12501,915081.7300,366614.1040,1244.1200,BREAKLINE
12502,915079.2700,366619.1610,1243.3220,BREAKLINE
12503,915077.6440,366612.3530,1242.9480,BREAKLINE
12504,915077.1350,366611.0680,1240.0470,BREAKLINE
12505,915077.1860,366610.2940,1242.8800,BREAKLINE
12506,915077.5460,366611.2630,1243.0890,TOP OF OPENING
12507,915074.7320,366604.8900,1240.4600,BREAKLINE
12508,915072.5170,366600.9600,1240.2070,BREAKLINE
12509,915073.9190,366601.7460,1240.1060,FL DITCH
12510,915072.9810,366612.2810,1240.0240,FL DITCH
12511,915067.2160,366613.6810,1240.0980,FL DITCH
12512,915068.1350,366606.1740,1240.2640,FL DITCH
12513,915052.5550,366611.8260,1240.3610,FL DITCH
12514,915037.6600,366617.3660,1239.9650,FL DITCH
12515,915018.2780,366623.6590,1239.6850,FL DITCH
12516,915011.4880,366618.4650,1239.7170,FL DITCH
12517,915002.8720,366620.0120,1239.4470,FL DITCH
12518,915009.8280,366628.0800,1239.7860,FL DITCH
12519,915000.4020,366630.3300,1239.5100,FL DITCH

(South of I-10)
11449,914858.7290,366637.9310,1241.7420,BREAKLINE
11450,914861.2260,366642.1500,1241.4190,BREAKLINE
11451,914864.3970,366653.5830,1240.8190,BREAKLINE
11452,914864.6180,366654.7090,1239.2050,FL DITCH
11453,914864.8640,366655.8060,1240.9710,BREAKLINE
11454,914865.6550,366657.8820,1241.6210,BREAKLINE
11455,914866.7180,366661.7460,1242.4310,BREAKLINE
11456,914867.4700,366667.7130,1242.8010,BREAKLINE
11457,914864.3490,366678.8750,1242.9240,BREAKLINE
11458,914864.7770,366676.0370,1242.7300,BREAKLINE
11459,914864.7420,366674.7200,1242.3820,BREAKLINE
11460,914863.6230,366670.5290,1241.6280,BREAKLINE
11461,914863.0700,366668.8530,1241.0710,BREAKLINE
11462,914862.6200,366666.4200,1240.9750,BREAKLINE
11463,914862.1730,366665.0570,1238.5320,FL DITCH
11464,914862.1600,366663.9130,1240.7470,BREAKLINE
11465,914861.5300,366661.9620,1240.0760,BREAKLINE
11466,914860.2410,366659.3520,1239.7860,BREAKLINE
11467,914856.7140,366654.3440,1239.3520,BREAKLINE
11468,914853.5880,366657.7490,1238.8070,FL DITCH
11469,914851.2510,366668.0070,1238.5600,FL DITCH
11470,914830.5730,366676.4940,1238.9110,FL DITCH
11471,914801.1330,366684.5400,1238.0780,FL DITCH
11472,914799.1070,366685.1600,1238.1630,FL DITCH
11473,914782.4080,366686.9200,1238.3230,FL DITCH

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11474,914748.1560,366696.2350,1237.8380,FL DITCH
11475,914709.8470,366700.3990,1237.4690,FL DITCH
11476,914659.6330,366669.8080,1240.1210,BREAKLINE
11477,914660.0470,366684.3890,1239.5360,BREAKLINE
11478,914659.7320,366691.1240,1237.5380,BREAKLINE
11479,914659.6090,366692.1660,1237.4160,FL DITCH
11480,914660.0100,366694.0790,1237.6000,BREAKLINE
11481,914659.7560,366698.5310,1237.9670,BREAKLINE
11482,914659.1900,366703.5050,1239.1460,BREAKLINE
11483,914659.2180,366707.6120,1238.8190,BREAKLINE
11484,914659.1970,366719.3270,1239.0510,BREAKLINE
11485,914862.4270,366664.8660,1240.9710,TOP OF OPENING
11486,914864.9150,366654.6480,1241.0400,TOP OF OPENING
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32 EB SS @ 200'

32 EB SS Close

32 WB NS @ 200'

32 WB NS Close

32 WB NS Median

32 EB SS Median

COMP.

CK.

DATE 10/19/07

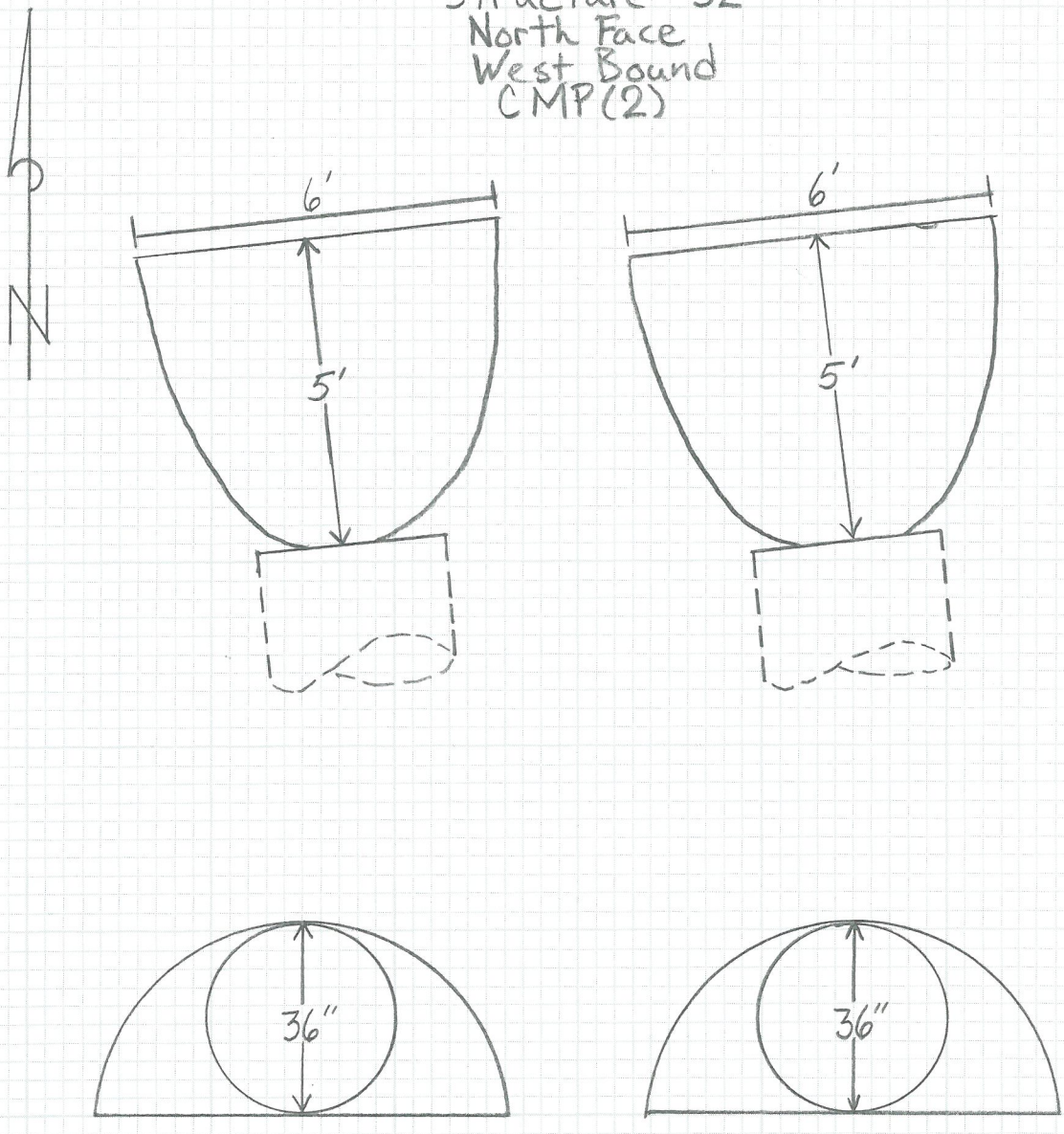
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #32
North Face
West Bound
CMP(2)



WILSON & COMPANY

CK.

DATE 11-21-07

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 32

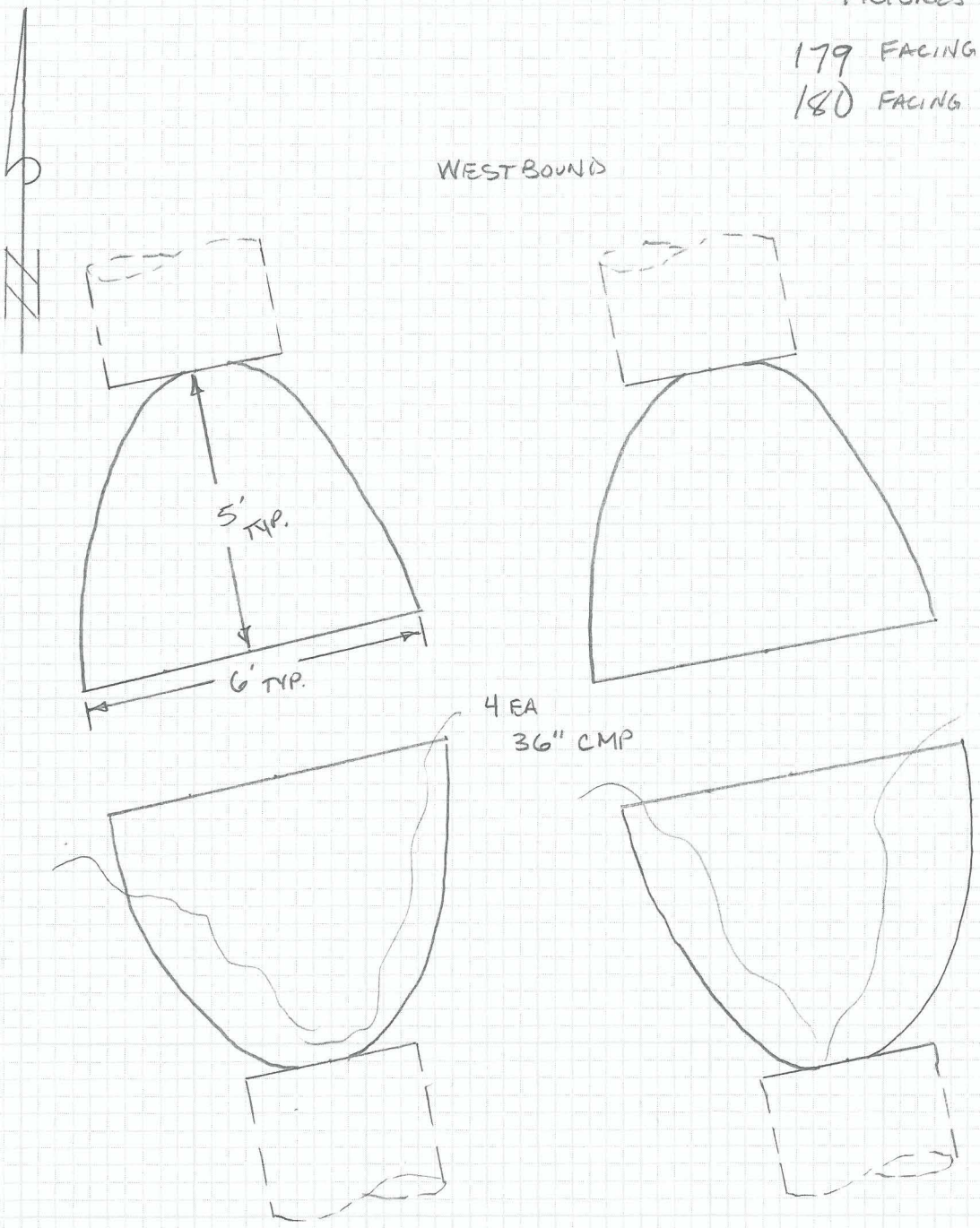
MEDIAN

H. BEJARANO

✓ PICTURES

179 FACING NORTH 0171

180 FACING SOUTH 0172



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-07-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 32

H. BEJARANO

D. ACOSTA

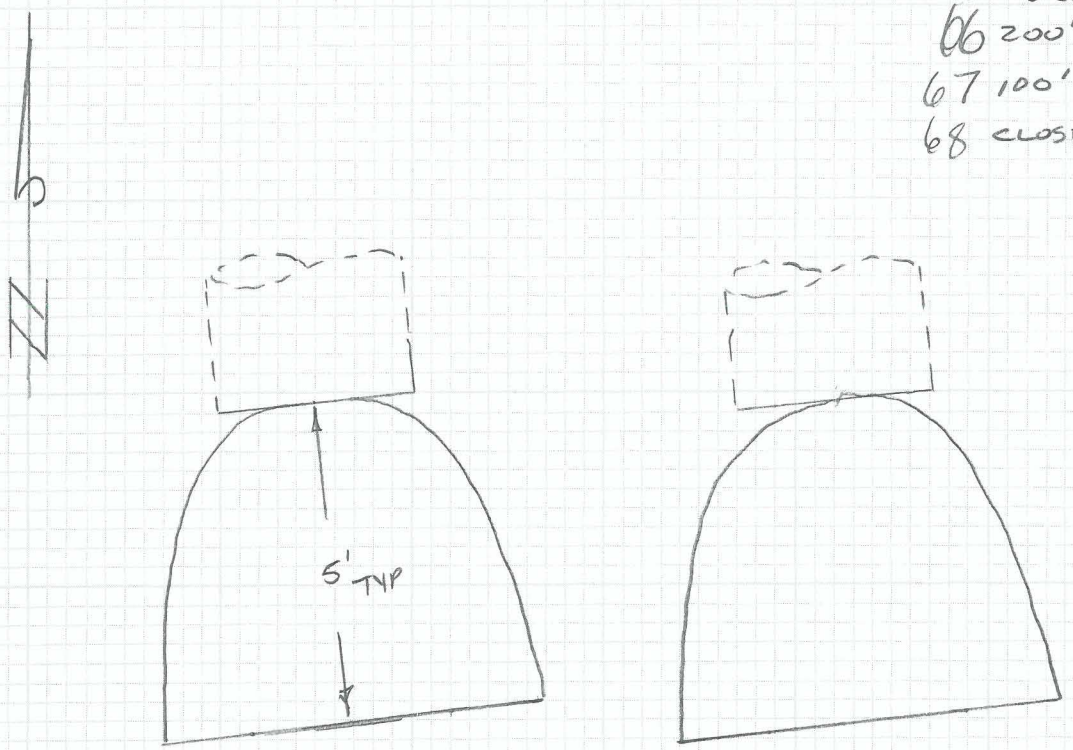
Pt Range - 11449 - 11486

PICTURES

66 200' 0058

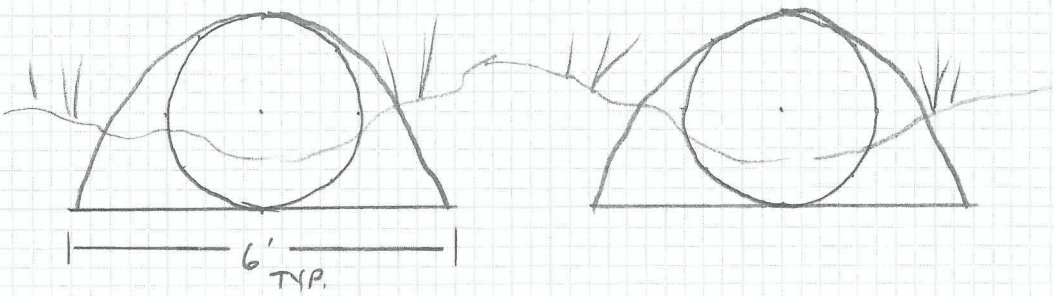
67 100' 0059

68 CLOSE 0060



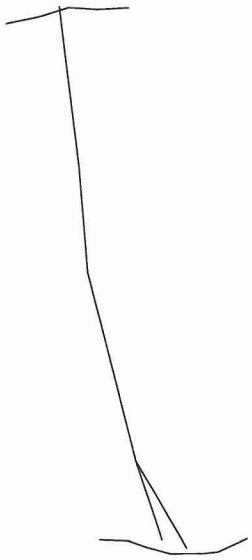
2 EA. 36" CMP

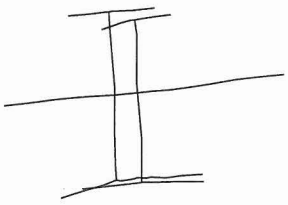
PLAN VIEW

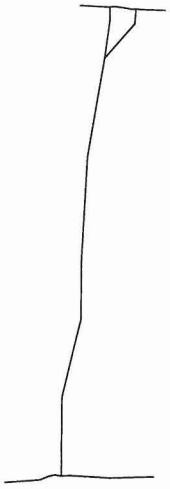


SOUTH FACE

EAST BOUND







W&C

33

Sta. 4743+65.00

Structure #33
Station 4743+65.00

(North of I-10)
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2371,915065.5250,367327.7800,1241.6920,BREAKLINE
2372,915064.8080,367320.9620,1242.0460,BREAKLINE
2373,915064.4770,367314.0110,1242.0250,TOP OF OPENING
2374,915064.7570,367307.0030,1241.9940,BREAKLINE
2375,915067.6340,367303.0200,1242.0220,TOP OF OPENING
2376,915067.3330,367297.1630,1241.8700,BREAKLINE
2377,915070.2710,367288.7770,1243.0730,BREAKLINE
2378,915070.7000,367276.1870,1243.5330,BREAKLINE
2379,915071.0300,367313.7050,1237.7970,FL ES
2380,915067.1020,367314.2140,1237.8310,DITCH FLOWLINE
2381,915064.6890,367314.2050,1237.9070,RCP
2382,915074.1360,367302.6760,1237.7220,FL ES
2383,915070.5560,367303.4260,1237.6610,DITCH FLOWLINE
2384,915068.1530,367303.4640,1237.7070,RCP
2385,915104.5870,367292.0810,1238.1890,DITCH FLOWLINE
2386,915186.5810,367270.5850,1239.1510,DITCH FLOWLINE
2387,915232.4280,367266.5290,1239.3040,DITCH FLOWLINE
2388,915302.0460,367257.5290,1240.5880,DITCH FLOWLINE
2389,915301.4180,367287.9470,1241.2060,BREAKLINE
2390,915300.6880,367273.8540,1241.0590,BREAKLINE
2391,915301.4490,367261.5210,1240.8510,BREAKLINE
2392,915297.4760,367249.0070,1241.5130,BREAKLINE
2393,915294.4750,367234.3570,1241.7290,BREAKLINE

(Middle of I-10)
5750,914848.8060,367290.9890,1242.0530,BREAKLINE
5751,914852.2990,367301.6880,1241.3800,BREAKLINE
5752,914854.2780,367308.8190,1241.0250,BREAKLINE
5753,914855.9190,367312.9450,1240.1880,BREAKLINE
5754,914856.6650,367314.8640,1235.9020,RCP
5755,914856.4320,367314.9200,1240.0100,TOP OF OPENING
5756,914856.3150,367316.7230,1239.6920,BREAKLINE
5757,914856.9120,367321.0220,1239.0840,BREAKLINE
5758,914857.2720,367322.8270,1239.1460,BREAKLINE
5759,914857.6780,367323.7700,1236.3090,BREAKLINE
5760,914857.5300,367327.8010,1236.3050,BREAKLINE
5761,914857.9530,367329.7560,1238.9690,BREAKLINE
5762,914857.6570,367336.3140,1239.1740,BREAKLINE
5763,914858.6360,367343.4830,1238.9000,BREAKLINE
5764,914859.1710,367352.1470,1239.3620,BREAKLINE
5765,914856.0280,367352.6930,1239.4960,BREAKLINE
5766,914856.0120,367344.1650,1239.0060,BREAKLINE
5767,914855.9550,367339.0450,1238.9390,BREAKLINE
5768,914855.7790,367332.8420,1239.8840,BREAKLINE
5769,914855.7550,367328.6040,1239.7450,BREAKLINE
5770,914855.7080,367326.0060,1236.0160,RCP
5771,914855.4600,367325.9120,1240.1570,TOP OF OPENING
5772,914855.4470,367324.6320,1239.8860,BREAKLINE
5773,914854.8020,367318.8860,1240.4950,BREAKLINE
5774,914853.8950,367310.5790,1241.1250,BREAKLINE
5775,914852.7650,367300.0700,1241.3540,BREAKLINE
5776,914863.3860,367315.0980,1236.2070,FL ES
5777,914862.4400,367326.4500,1236.2160,FL ES
5778,914902.2590,367387.3060,1242.4660,BREAKLINE
5779,914901.1570,367375.9580,1242.5570,BREAKLINE
5780,914900.0040,367366.0650,1241.8470,BREAKLINE
5781,914898.0750,367355.1730,1240.5050,BREAKLINE
5782,914896.5990,367345.6600,1239.7880,BREAKLINE
5783,914895.5920,367338.2040,1239.1170,BREAKLINE

5784,914895.0090,367330.5240,1236.9890,BREAKLINE
5785,914894.5970,367326.7280,1236.6120,BREAKLINE
5786,914893.3250,367314.2340,1236.7150,BREAKLINE
5787,914892.5260,367301.1170,1237.8170,BREAKLINE
5788,914891.3240,367288.4350,1238.5720,BREAKLINE
5789,914889.5980,367275.1670,1238.6320,BREAKLINE
5790,914888.6330,367266.0740,1238.4400,BREAKLINE
12520,914927.5570,367293.8550,1239.7480,BREAKLINE
12521,914928.2950,367302.2350,1239.7340,BREAKLINE
12522,914929.2680,367309.9510,1240.2310,BREAKLINE
12523,914929.2830,367311.3810,1236.4590,BREAKLINE
12524,914929.4130,367311.4210,1240.6910,TOP OF OPENING
12525,914929.6090,367312.7010,1240.2690,BREAKLINE
12526,914929.9910,367321.6310,1241.5580,BREAKLINE
12527,914931.0340,367331.1900,1241.5660,BREAKLINE
12528,914928.1400,367338.2480,1241.6140,BREAKLINE
12529,914927.2340,367330.9350,1240.9310,BREAKLINE
12530,914926.1680,367324.2380,1240.2190,BREAKLINE
12531,914925.8530,367322.6170,1236.4900,BREAKLINE
12532,914926.1600,367322.6670,1240.6200,TOP OF OPENING
12533,914925.8100,367321.1210,1240.1260,BREAKLINE
12534,914924.2980,367315.6740,1238.0160,BREAKLINE
12535,914923.9880,367315.1280,1236.7190,BREAKLINE
12536,914921.6860,367308.3300,1236.0830,BREAKLINE
12537,914923.1660,367311.6880,1236.2610,FL DITCH
12538,914922.9460,367311.7320,1235.9940,FL DITCH
12539,914919.7570,367323.5730,1236.3250,FL DITCH
12540,914916.3560,367323.6590,1235.7930,FL DITCH
12541,914898.4470,367323.6050,1236.3460,FL DITCH
12542,914896.3310,367314.0290,1236.4640,FL DITCH
12543,914877.4480,367314.0230,1236.5480,FL DITCH
12544,914875.1880,367325.7720,1236.1110,FL DITCH
12545,914862.4240,367325.8370,1235.9650,FL DITCH
12546,914855.9060,367325.8250,1235.7770,FL DITCH
12547,914863.2610,367314.4470,1236.0900,FL DITCH
12548,914857.0860,367314.8500,1235.6870,FL DITCH

(South of I-10)
11488,914716.9650,367309.3280,1238.1400,BREAKLINE
11489,914716.3690,367320.8810,1238.1270,BREAKLINE
11490,914716.3960,367322.4070,1234.3900,FL DITCH
11491,914716.5730,367324.3000,1237.9390,BREAKLINE
11492,914716.0780,367327.9680,1237.7130,BREAKLINE
11493,914715.3650,367331.9030,1237.9010,BREAKLINE
11494,914715.5230,367333.7110,1234.2330,FL DITCH
11495,914715.2800,367335.4010,1237.8680,BREAKLINE
11496,914714.8910,367346.5810,1238.7970,BREAKLINE
11497,914709.0540,367333.1350,1234.1940,FL DITCH
11498,914710.2290,367322.3120,1234.2370,FL DITCH
11499,914716.7070,367322.5410,1238.4980,TOP OF OPENING
11500,914715.6100,367333.7830,1238.3070,TOP OF OPENING
11501,914694.1250,367320.0430,1234.7400,FL DITCH
11502,914651.6730,367312.6350,1234.6440,FL DITCH
11503,914606.9380,367310.0430,1233.9910,FL DITCH
11504,914581.4700,367309.8360,1233.1130,FL DITCH
11505,914547.9570,367301.4600,1231.9380,FL DITCH
11506,914511.2770,367276.5830,1234.3710,BREAKLINE
11507,914512.3570,367291.9430,1234.8810,BREAKLINE
11508,914513.8670,367295.6670,1233.5600,BREAKLINE
11509,914514.5250,367298.4750,1233.1090,BREAKLINE
11510,914514.1700,367299.7830,1232.7710,BREAKLINE
11511,914514.0640,367301.1480,1232.8180,BREAKLINE
11512,914514.1340,367302.9850,1232.8710,BREAKLINE
11513,914514.1600,367305.5340,1233.3890,BREAKLINE
11514,914513.4650,367317.6580,1234.0040,BREAKLINE
11515,914513.1380,367322.1810,1235.4110,BREAKLINE

11516,914513.6870,367341.5350,1235.6670,BREAKLINE

33 WB NS Close

33 WB NS @ 200'

33 EB SS @ 200'

33 EB SS Close

33 WB NS Median.

33 EB SS Median

37 WB NS @ 200'

37 WB NS Close

37 EB SS @ 200'

37 EB SS Close

37 WB NS Median

37 EB SS Median

COMP.

CK.

DATE 10-17-07

WILSON & COMPANY

LOC. Tonopah, AZ FILE

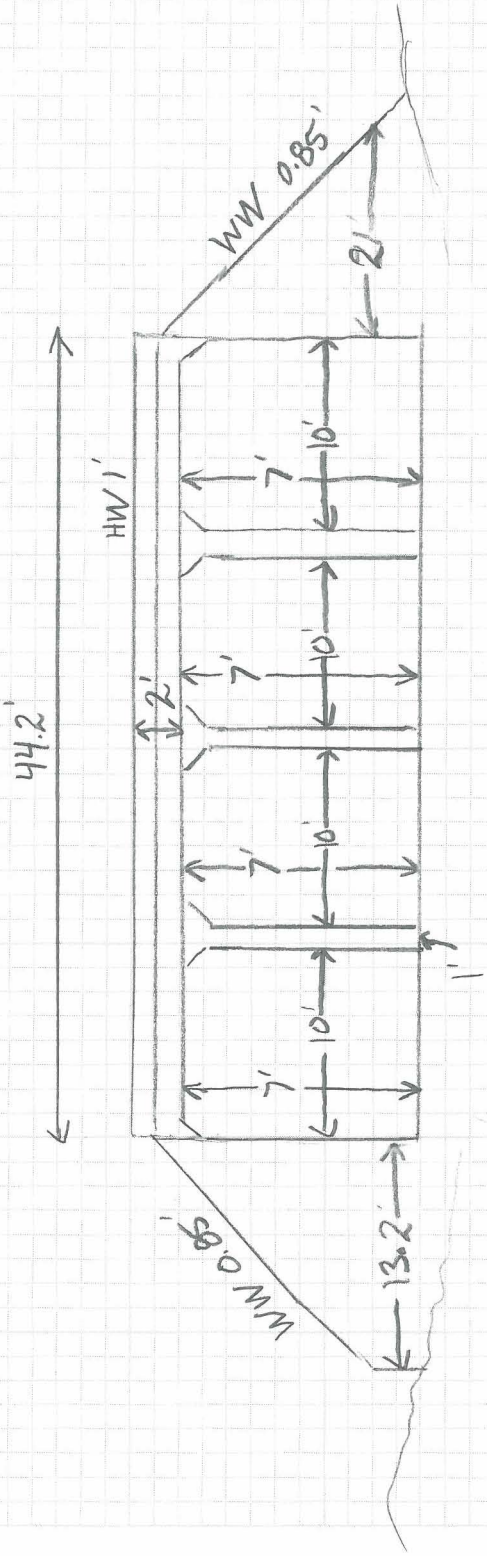
PROJ. J-10 SHEET

SUBJ. OF

SR/AJ
Structure #37
North Face
West Bound

PT. RANGE # 2271 - 2300

✓PIC # 63-65



#63 CLOSE

#64 75'

#65 200'

N

PRINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-21-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 37

MEDIAN

H. BEJARANO

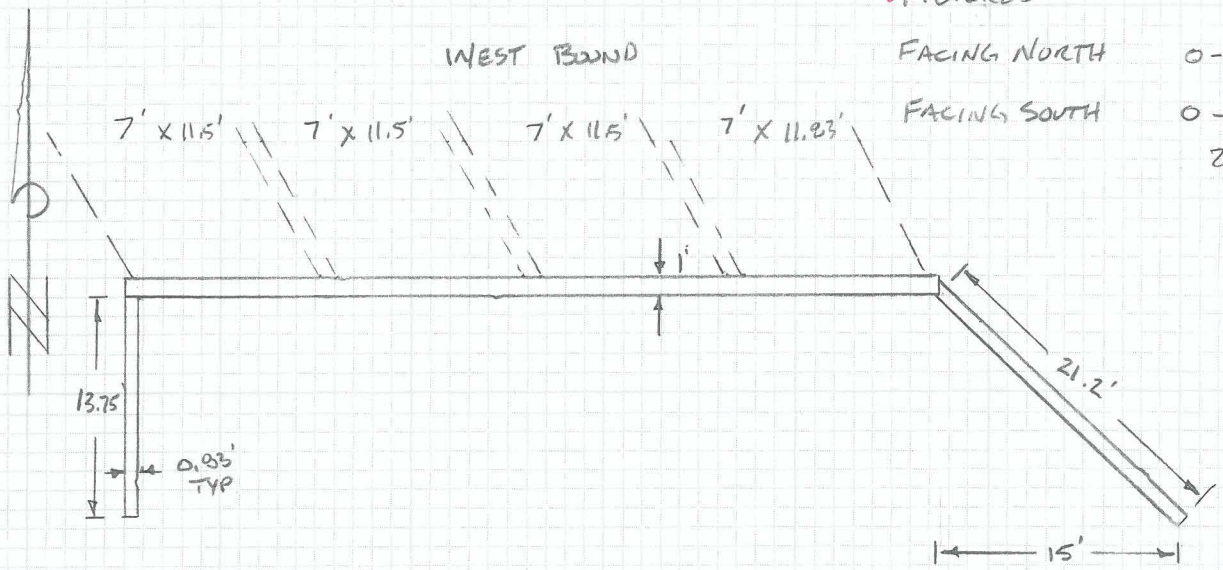
D. ACOSTA

PICTURES

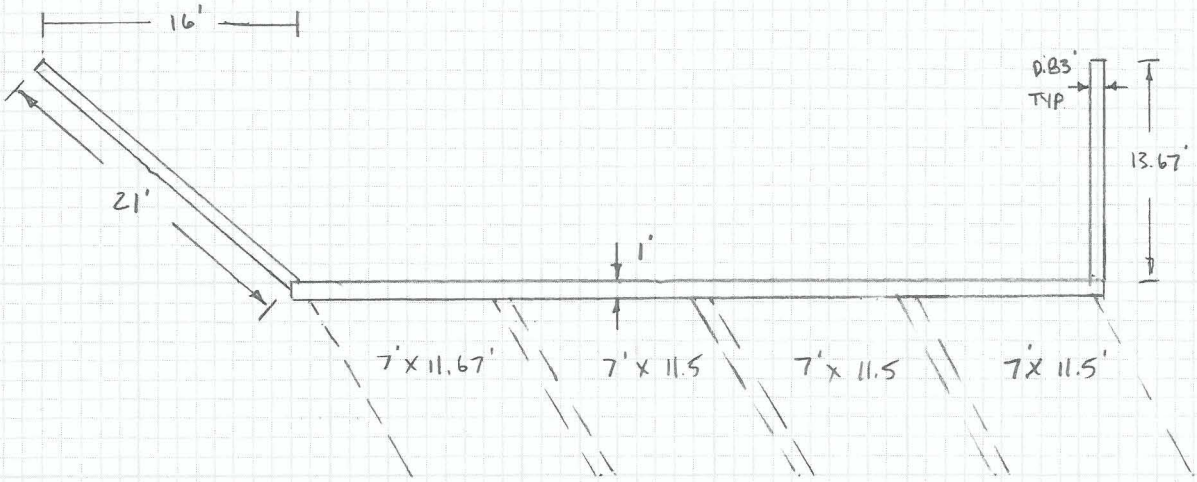
FACING NORTH 0-0196 204

FACING SOUTH 0-0197 205

WEST BOUND



2 EA FOUR BARREL BOX CULVERT



EAST BOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-07-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #37

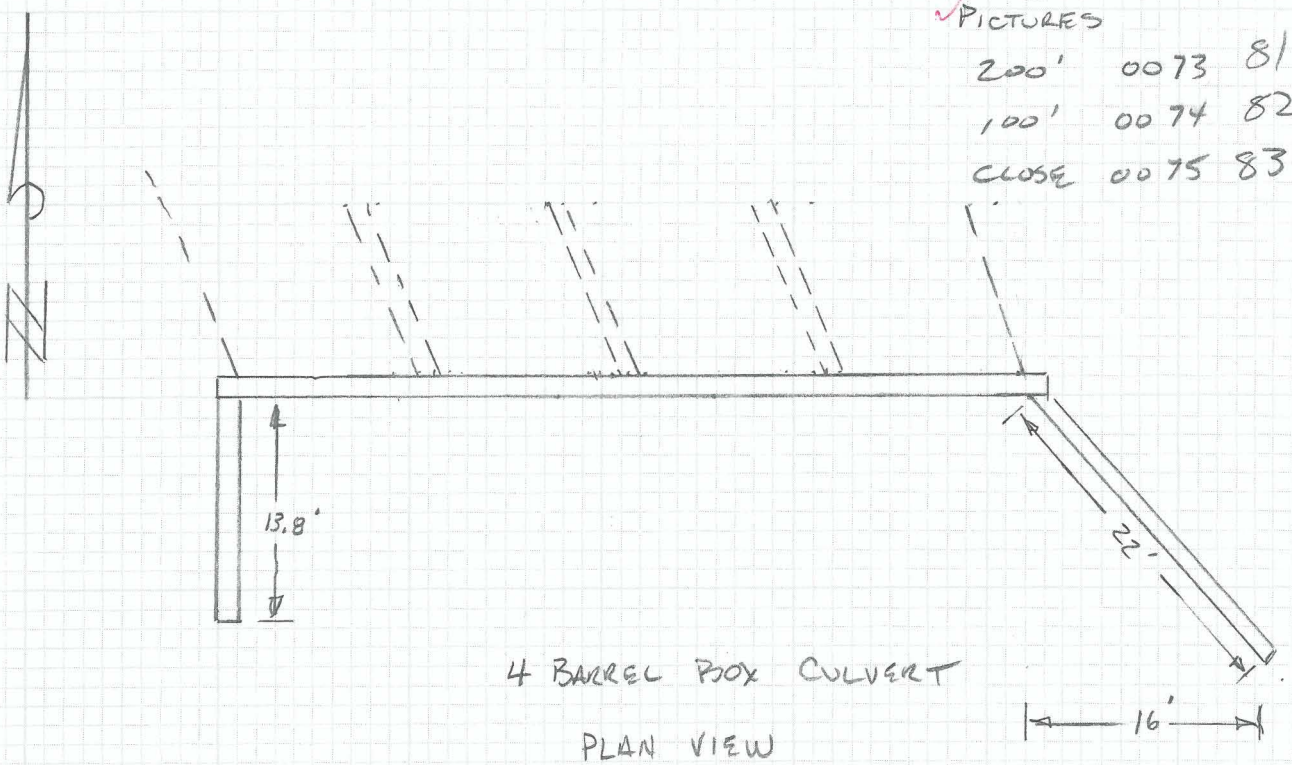
H. BEJARANO

D. ACOSTA

Pt Range - 11614 - 11643

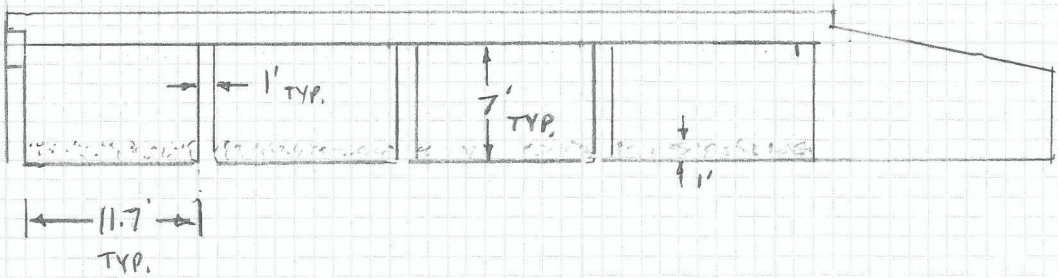
PICTURES

200'	0073	81
100'	0074	82
CLOSE	0075	83



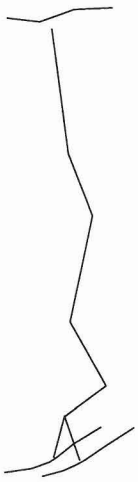
4 BARREL 8'X8' CULVERT

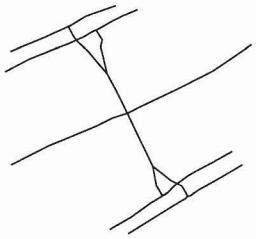
PLAN VIEW

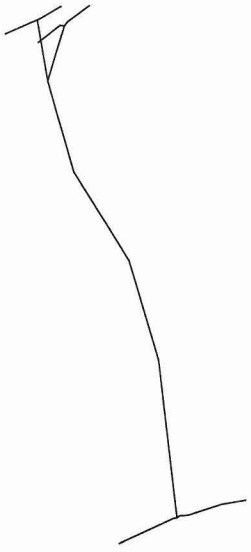


SOUTH FACE

EAST BOUND







38

W&C

Sta. 4776+15.00

Structure #38
Station 4776+15.00

(North of I-10)
2107,914431.8420,370365.8130,1223.7530,BREAKLINE
2108,914423.5530,370352.8220,1225.5760,BREAKLINE
2109,914417.8610,370344.4230,1225.4860,BREAKLINE
2110,914417.0150,370342.3540,1225.7020,TOP OF OPENING
2111,914415.8500,370340.7690,1226.0140,BREAKLINE
2112,914413.2400,370335.0590,1227.3380,BREAKLINE
2113,914410.6720,370325.6720,1228.5390,BREAKLINE
2114,914432.1040,370351.3400,1223.2210,BREAKLINE
2115,914424.7880,370339.2810,1222.9700,BREAKLINE
2116,914418.9810,370332.0390,1225.5480,BREAKLINE
2117,914418.5450,370330.8520,1226.1780,TOP OF OPENING
2118,914416.8720,370328.8150,1226.2650,BREAKLINE
2119,914414.1400,370321.2530,1227.9420,BREAKLINE
2120,914412.3530,370309.3610,1228.9440,BREAKLINE
2121,914422.6540,370328.4200,1222.7750,FL ES
2122,914418.8960,370330.6280,1222.8450,RCP
2123,914436.5350,370335.2250,1223.4120,DITCH FLOWLINE
2124,914417.6640,370342.0480,1222.5920,RCP
2125,914421.8440,370339.7780,1222.8450,FL ES
2126,914437.0490,370335.2220,1223.4550,DITCH FLOWLINE
2127,914449.8910,370353.4320,1223.2700,DITCH FLOWLINE
2128,914477.6710,370337.5220,1224.2470,DITCH FLOWLINE
2129,914523.6870,370347.1140,1226.9050,DITCH FLOWLINE
2130,914550.7390,370336.3780,1227.7550,DITCH FLOWLINE
2131,914604.8720,370328.8900,1228.4780,DITCH FLOWLINE
2132,914613.8970,370355.4990,1228.6880,BREAKLINE
2133,914613.2060,370338.6660,1228.5480,BREAKLINE
2134,914607.9110,370323.5420,1228.4530,BREAKLINE
2135,914609.4880,370309.3900,1227.5910,BREAKLINE

(Middle of I-10)
5923,914170.4900,370442.8270,1226.9430,BREAKLINE
5924,914174.4100,370449.0780,1226.1060,BREAKLINE
5925,914179.5760,370457.4060,1224.3150,BREAKLINE
5926,914184.1560,370464.8620,1223.4000,BREAKLINE
5927,914185.6730,370467.4590,1222.8470,BREAKLINE
5928,914186.7490,370468.4840,1219.6200,RCP
5929,914186.8820,370469.5980,1222.7100,BREAKLINE
5930,914186.5080,370468.7580,1222.8110,TOP OF OPENING
5931,914189.4250,370473.4350,1222.8470,BREAKLINE
5932,914193.7020,370481.1990,1223.2630,BREAKLINE
5933,914200.1640,370492.2400,1223.3340,BREAKLINE
5934,914205.9210,370487.7060,1223.1810,BREAKLINE
5935,914201.2340,370479.3790,1223.1220,BREAKLINE
5936,914197.0160,370471.4070,1221.7040,BREAKLINE
5937,914195.5430,370468.7830,1220.5290,BREAKLINE
5938,914190.9990,370465.9220,1219.7990,FL ES
5939,914191.0990,370462.6620,1219.6900,BREAKLINE
5940,914191.2830,370454.8660,1219.8380,FL ES
5941,914188.3480,370460.1240,1222.0410,BREAKLINE
5942,914187.4970,370458.6940,1222.8740,BREAKLINE
5943,914186.9950,370457.6540,1220.1000,RCP
5944,914186.7730,370457.7940,1223.0940,TOP OF OPENING
5945,914186.1820,370456.5520,1223.0350,BREAKLINE
5946,914183.7490,370452.4380,1224.1070,BREAKLINE
5947,914177.9350,370444.4330,1225.8400,BREAKLINE
5948,914172.2450,370434.9190,1227.2240,BREAKLINE
5949,914252.1470,370496.1930,1225.8810,BREAKLINE
5950,914240.7630,370479.3830,1224.1730,BREAKLINE
5951,914232.7660,370463.5530,1223.5420,BREAKLINE

5952,914229.4140,370456.5240,1222.8700,BREAKLINE
5953,914225.6770,370448.5940,1220.8170,BREAKLINE
5954,914222.5540,370442.5460,1220.2590,BREAKLINE
5955,914220.4130,370436.0980,1220.7760,BREAKLINE
5956,914216.9970,370429.3160,1222.7440,BREAKLINE
5957,914213.9000,370421.8000,1223.9050,BREAKLINE
5958,914208.2410,370408.0800,1224.6610,BREAKLINE
5959,914200.1750,370392.0970,1225.1310,BREAKLINE
12951,914249.2410,370391.7070,1224.9080,BREAKLINE
12952,914255.2720,370406.5060,1224.5520,BREAKLINE
12953,914259.5690,370415.9830,1223.7310,BREAKLINE
12954,914260.0080,370416.7540,1220.6410,BREAKLINE
12955,914260.0960,370416.7000,1223.9390,TOP OF OPENING
12956,914260.3070,370417.6160,1223.7630,BREAKLINE
12957,914264.4270,370424.5020,1225.2260,BREAKLINE
12958,914268.8990,370437.3090,1226.3810,BREAKLINE
12959,914267.2560,370446.6430,1226.2340,BREAKLINE
12960,914264.5560,370440.2790,1225.3920,BREAKLINE
12961,914261.9530,370435.3590,1224.6090,BREAKLINE
12962,914258.8830,370429.9980,1223.7010,BREAKLINE
12963,914258.3460,370428.9260,1220.8970,BREAKLINE
12964,914258.5850,370429.0660,1224.0220,TOP OF OPENING
12965,914257.9250,370427.7070,1222.7960,BREAKLINE
12966,914255.2900,370423.1200,1220.0620,BREAKLINE
12967,914254.3560,370420.8800,1219.9080,BREAKLINE
12968,914252.4770,370416.7650,1220.5030,BREAKLINE
12969,914250.6240,370411.7450,1223.3830,BREAKLINE
12970,914245.9120,370399.8620,1224.3330,BREAKLINE
12971,914240.4780,370389.5230,1224.8360,BREAKLINE
12972,914254.3660,370431.4710,1220.8560,FL DITCH
12973,914254.2330,370431.5800,1220.4200,FL DITCH
12974,914255.6480,370419.1050,1220.5570,FL DITCH
12975,914253.5440,370420.7040,1219.6760,FL DITCH
12977,914249.0440,370425.6540,1220.3970,FL DITCH
12978,914251.2700,370430.8930,1220.0820,FL DITCH
12979,914239.5090,370433.6970,1220.4320,FL DITCH
12980,914232.8880,370437.2750,1220.1070,FL DITCH
12981,914222.8820,370442.0800,1219.9920,FL DITCH
12982,914211.9750,370447.3500,1219.9110,FL DITCH
12983,914199.4970,370453.3360,1219.6130,FL DITCH
12984,914191.1030,370454.9330,1219.6920,FL DITCH
12985,914186.8860,370457.4610,1219.3770,FL DITCH
12986,914193.3820,370461.1310,1219.5580,FL DITCH
12987,914190.9830,370465.9110,1219.6730,FL DITCH
12988,914186.7530,370468.4050,1219.3940,FL DITCH

(South of I-10)
11646,914041.8060,370562.7120,1223.5490,BREAKLINE
11647,914034.7690,370553.1510,1220.3310,BREAKLINE
11648,914032.9250,370551.7310,1217.6610,BREAKLINE
11649,914033.1700,370549.8740,1219.2290,BREAKLINE
11650,914025.6950,370540.3000,1217.8200,BREAKLINE
11651,914029.4220,370525.9620,1221.3560,BREAKLINE
11652,914034.6430,370537.8950,1219.9790,BREAKLINE
11653,914035.5330,370540.0640,1217.4350,BREAKLINE
11654,914036.5220,370541.9620,1220.1930,BREAKLINE
11655,914041.5060,370550.4470,1222.4110,BREAKLINE
11656,914033.1960,370551.6590,1220.1940,TOP OF OPENING
11657,914035.5440,370539.6850,1220.3200,TOP OF OPENING
11658,914009.1390,370544.5010,1217.5060,FL DITCH
11659,913969.8400,370555.8000,1217.7260,FL DITCH
11660,913931.5780,370579.6140,1217.3470,FL DITCH
11661,913888.3570,370592.3570,1216.7600,FL DITCH
11662,913809.6630,370575.0520,1220.1680,BREAKLINE
11663,913818.6860,370594.9180,1218.2940,BREAKLINE
11664,913820.3980,370598.6220,1215.7980,BREAKLINE

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11665,913820.6970,370600.2190,1215.5930,BREAKLINE
11666,913821.5330,370601.2990,1215.7200,BREAKLINE
11667,913821.7230,370604.8760,1217.2150,BREAKLINE
11668,913826.4200,370619.5110,1218.6220,BREAKLINE
11669,913828.2810,370630.5410,1219.2990,BREAKLINE
```

36 EB SS close

36 EB SS @ 200'

36 WB NS Median

36 EB SS Median

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-07-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #36

H. BEJARANO

↑ D. ACOSTA

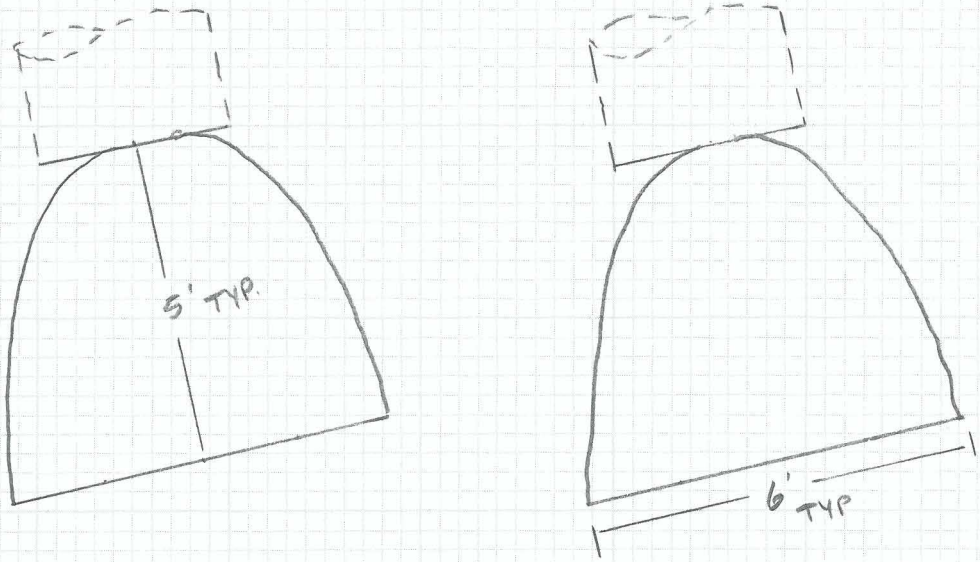
Pt Range - 11587 - 11613

✓ PICTURES

78 200' 0070

79 100' 0071

80 CLOSE 0072



2 EA 36" CMP

PLAN VIEW

SOUTH FACE

EAST BOUND

COMP.

CK.

DATE 10/18/07

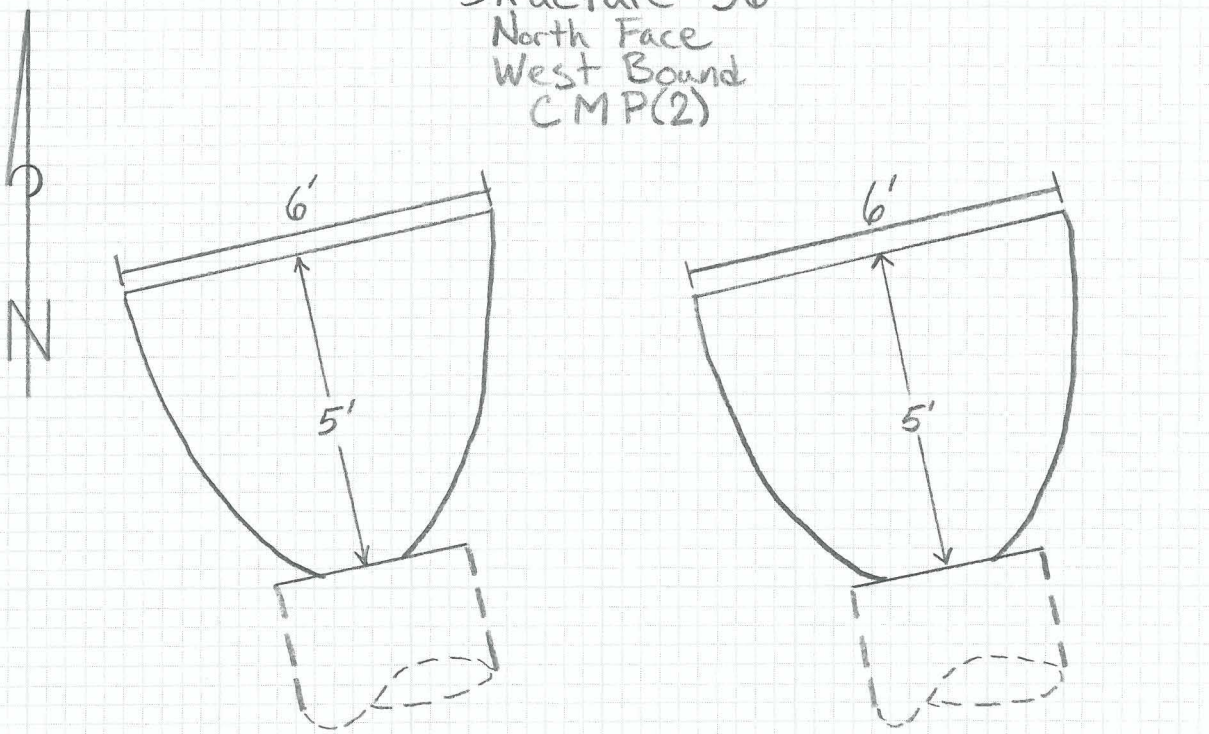
WILSON & COMPANY

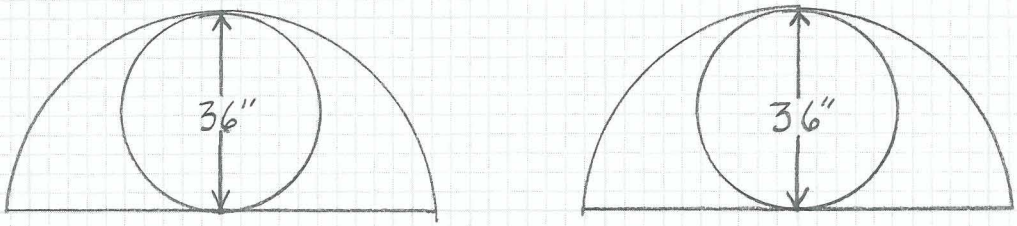
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #36
North Face
West Bound
CMP(2)





COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-21-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 36

MEDIAN

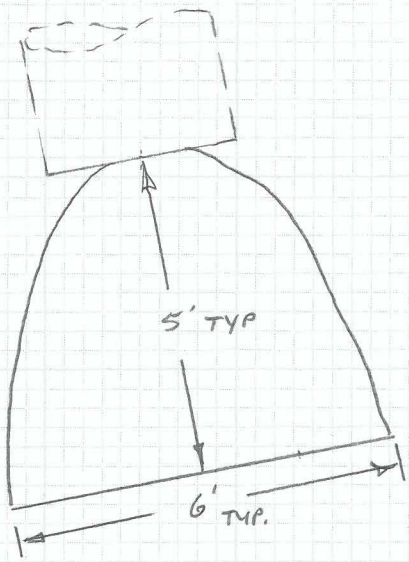
CC H. BEJARANO

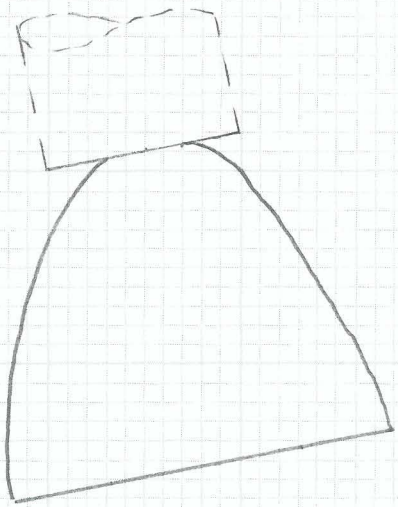
✓ PICTURES

187 FACING NORTH 0179

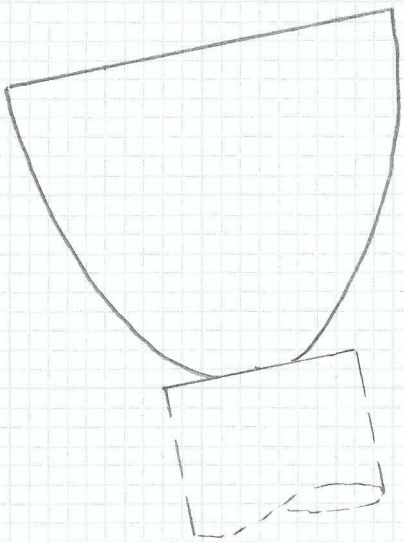
188 FACING SOUTH 0180

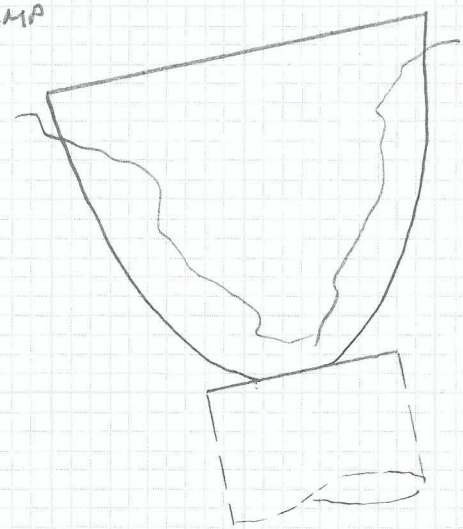
WESTBOUND



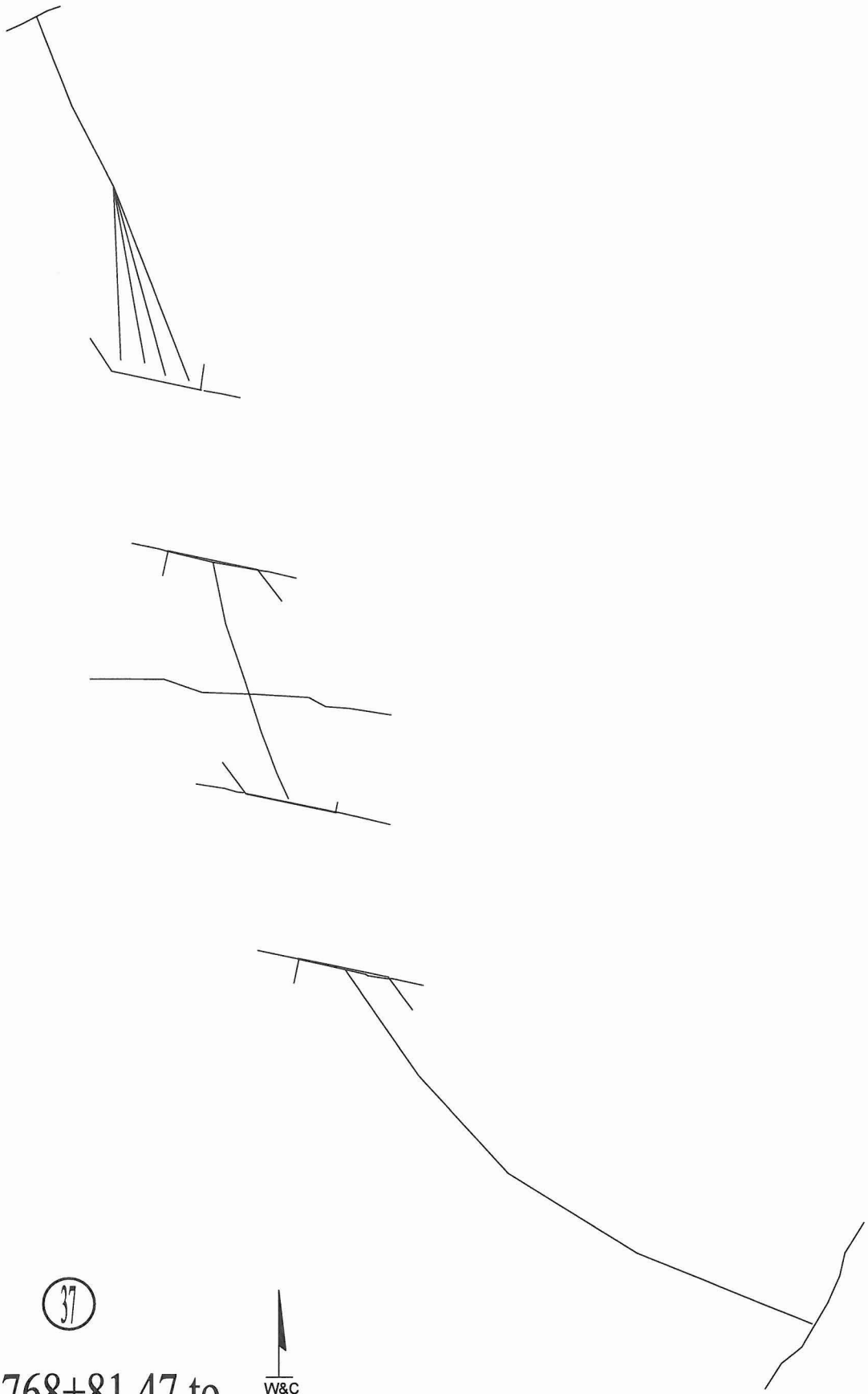


4 EA
36" CMP





EASTBOUND



37

Sta. 4768+81.47 to
4769+32.47

W&C

Structure #37
Station 4768+81.47 to 4769+32.47

(North of I-10)
2271,914521.7080,369768.6380,1231.4750,BREAKLINE
2272,914523.8950,369758.4250,1231.3620,BREAKLINE
2273,914525.5510,369748.8070,1230.4220,BREAKLINE
2274,914527.3040,369740.3510,1230.8120,TOP OF OPENING
2275,914529.8110,369728.3430,1230.7840,TOP OF OPENING
2276,914534.7990,369704.9390,1230.8740,TOP OF OPENING
2277,914536.5390,369698.6600,1229.8570,WINGWALL
2278,914536.2430,369698.6090,1230.9040,HEADWALL
2279,914525.8000,369747.6790,1230.7160,HEADWALL
2280,914526.1590,369747.1160,1229.7400,WINGWALL
2281,914539.8780,369748.9730,1226.6530,WINGWALL
2282,914554.1290,369687.0660,1226.5860,WINGWALL
2283,914555.0270,369688.1860,1225.0140,SPOT
2284,914542.0710,369744.0750,1223.2450,SPOT
2285,914528.9300,369741.3730,1222.3430,RCP
2286,914530.9610,369740.8460,1222.6640,DITCH FLOWLINE
2287,914530.7980,369728.6850,1223.0040,RCP
2288,914533.8590,369728.0270,1223.0450,DITCH FLOWLINE
2289,914535.6810,369717.5380,1223.2170,RCP
2290,914540.4770,369716.7920,1223.1840,DITCH FLOWLINE
2291,914542.1130,369703.7530,1222.8590,DITCH FLOWLINE
2293,914581.6500,369713.1970,1223.2350,RCP
2294,914636.1420,369699.2770,1223.3340,DITCH FLOWLINE
2295,914679.3690,369676.6200,1224.0230,DITCH FLOWLINE
2296,914727.5460,369657.3940,1223.5090,DITCH FLOWLINE
2297,914733.4270,369670.0030,1227.8470,BREAKLINE
2298,914731.1010,369663.2550,1224.4390,BREAKLINE
2299,914724.0910,369649.8060,1224.1680,BREAKLINE
2300,914720.0660,369640.9990,1227.7310,BREAKLINE

(Middle of I-10)
5894,914370.3360,369687.8050,1224.4730,BREAKLINE
5895,914370.2070,369727.6460,1223.8330,BREAKLINE
5896,914325.4630,369759.6140,1225.3830,WINGWALL
5897,914313.7960,369745.1800,1230.5280,BREAKLINE
5898,914311.3810,369760.8390,1229.4590,BREAKLINE
5899,914309.4530,369767.3360,1229.3650,BREAKLINE
5900,914309.0140,369771.1160,1228.5150,BREAKLINE
5901,914308.5440,369772.1940,1228.5320,WINGWALL
5902,914308.3950,369772.1960,1229.3150,HEADWALL
5903,914307.3020,369778.5930,1227.2890,TOP OF OPENING
5904,914304.5130,369791.7050,1227.2710,TOP OF OPENING
5905,914302.0300,369803.7000,1227.2990,TOP OF OPENING
5906,914299.3580,369815.1770,1227.3710,TOP OF OPENING
5907,914298.1400,369821.3280,1229.3790,HEADWALL
5908,914298.4380,369820.9070,1228.4230,WINGWALL
5909,914303.9670,369822.0620,1227.5320,WINGWALL
5910,914363.0320,369748.3490,1221.7580,BREAKLINE
5911,914361.9340,369777.8610,1222.0910,BREAKLINE
5913,914360.2210,369806.2690,1221.8180,BREAKLINE
5914,914308.5740,369772.4940,1221.4320,BREAKLINE
5915,914298.5720,369820.8290,1220.6070,BREAKLINE
5916,914298.3300,369822.4690,1229.2200,BREAKLINE
5917,914295.8250,369833.4420,1229.6780,BREAKLINE
5918,914291.7890,369850.4600,1230.2160,BREAKLINE
5919,914355.2670,369815.3100,1224.0140,BREAKLINE
5920,914354.3220,369828.1860,1224.4640,BREAKLINE
5921,914350.8170,369850.4950,1223.8010,BREAKLINE
5922,914350.9050,369850.8260,1223.7870,BREAKLINE
12643,914425.8450,369726.9460,1226.1180,WINGWALL

12644,914439.0860,369729.8440,1229.1440,WINGWALL
12645,914439.4010,369729.4160,1230.1400,HEADWALL
12646,914436.3600,369743.9280,1230.1640,HEADWALL
12647,914432.2450,369763.4090,1230.0960,HEADWALL
12648,914429.0590,369778.6640,1230.0800,HEADWALL
12649,914428.8320,369778.4980,1229.1300,WINGWALL
12650,914428.5300,369778.7080,1229.1150,WINGWALL
12651,914421.8800,369783.9440,1228.0200,WINGWALL
12652,914412.0450,369791.5540,1226.0100,WINGWALL
12653,914424.4830,369799.3540,1230.0460,BREAKLINE
12654,914428.0890,369784.0270,1229.9890,BREAKLINE
12655,914428.7140,369779.0880,1228.7480,BREAKLINE
12656,914428.9360,369778.1600,1221.9820,BREAKLINE
12657,914433.1310,369754.2250,1222.1600,BREAKLINE
12658,914438.9210,369730.1760,1222.5380,BREAKLINE
12659,914439.1240,369729.2060,1229.2290,BREAKLINE
12660,914440.2140,369725.6330,1230.4230,BREAKLINE
12661,914443.4620,369710.1540,1231.0250,BREAKLINE
12662,914438.0390,369735.4450,1228.2010,TOP OF OPENING
12663,914435.2420,369747.8850,1228.0810,TOP OF OPENING
12664,914432.4070,369760.6830,1228.1490,TOP OF OPENING
12665,914430.0690,369772.3020,1228.1190,TOP OF OPENING
12666,914399.6310,369761.2410,1222.1140,FL DITCH
12667,914368.3000,369771.9780,1221.8310,FL DITCH
12668,914342.5990,369780.1780,1221.8470,FL DITCH
12669,914319.4130,369789.0480,1221.6320,FL DITCH
12670,914305.6930,369795.2950,1221.2230,FL DITCH

(South of I-10)
11614,914219.2970,369800.9920,1227.5630,WINGWALL
11615,914206.3530,369798.3000,1224.4390,WINGWALL
11616,914219.8350,369800.5010,1228.5040,HEADWALL
11617,914215.9530,369819.7030,1228.5160,HEADWALL
11618,914209.6550,369849.7740,1228.6020,HEADWALL
11619,914209.2450,369849.6340,1227.5480,WINGWALL
11620,914192.0250,369862.5440,1224.2540,WINGWALL
11621,914205.1830,369868.4390,1228.2710,BREAKLINE
11622,914208.9300,369851.2970,1227.6710,BREAKLINE
11623,914208.7750,369849.1580,1220.1250,BREAKLINE
11624,914210.3920,369838.3900,1220.0110,BREAKLINE
11625,914211.2170,369837.0220,1220.5010,BREAKLINE
11626,914213.7630,369826.0960,1220.7350,BREAKLINE
11627,914219.1150,369801.8870,1220.3060,BREAKLINE
11628,914219.6650,369799.9430,1227.6590,BREAKLINE
11629,914224.1670,369778.5430,1229.0000,BREAKLINE
11630,914218.6880,369806.6340,1226.4940,TOP OF OPENING
11631,914216.0280,369819.0310,1226.4290,TOP OF OPENING
11632,914213.4550,369831.1610,1226.4320,TOP OF OPENING
11633,914211.0030,369843.0630,1226.4810,TOP OF OPENING
11634,914156.7200,369865.7380,1219.4420,FL DITCH
11635,914104.1250,369914.1710,1219.2380,FL DITCH
11636,914061.0250,369983.7960,1218.6680,FL DITCH
11637,914023.0150,370078.6570,1217.5190,FL DITCH
11638,913988.1860,370053.1800,1220.7090,BREAKLINE
11639,914001.9590,370062.0230,1220.3720,BREAKLINE
11640,914008.9450,370070.8670,1219.2490,BREAKLINE
11641,914010.8320,370073.1010,1217.7920,BREAKLINE
11642,914034.4230,370087.0350,1217.4480,BREAKLINE
11643,914048.8830,370093.5230,1222.7200,BREAKLINE
11644,914061.3960,370096.3830,1219.7930,BREAKLINE
11645,914077.7260,370106.6690,1219.2640,BREAKLINE

COMP.

CK.

DATE 10/18/07

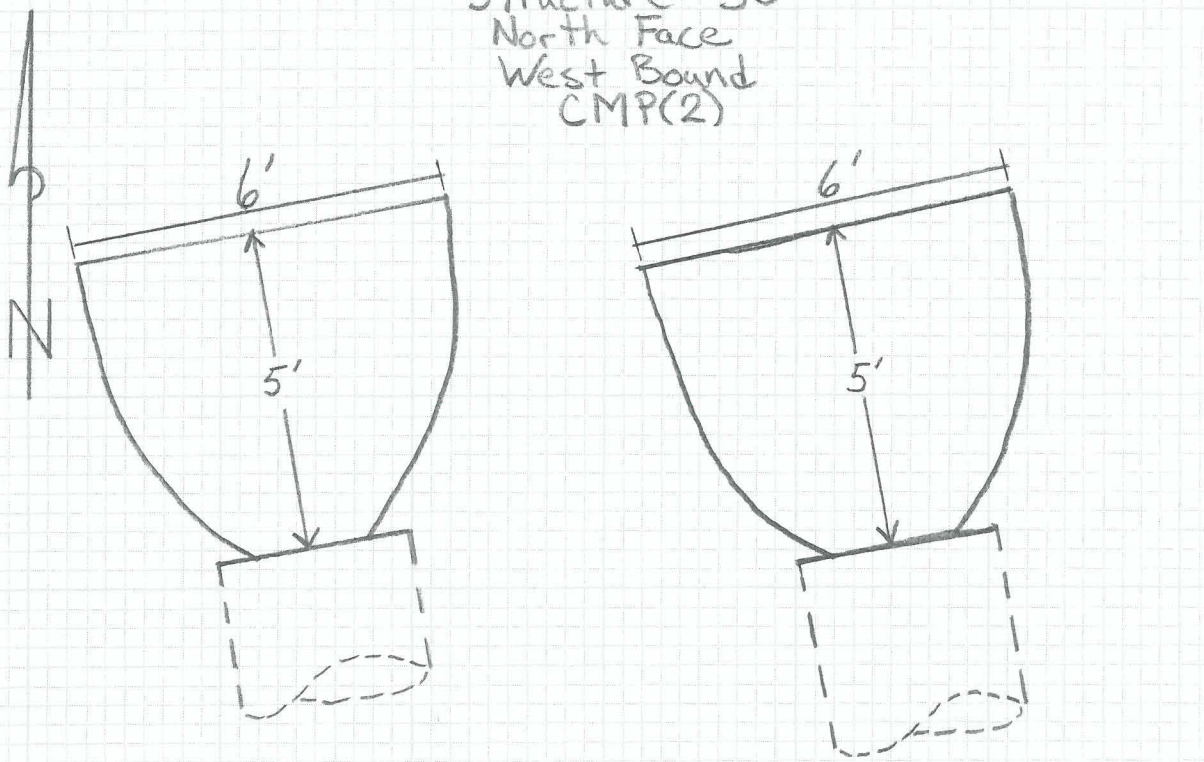
WILSON & COMPANY

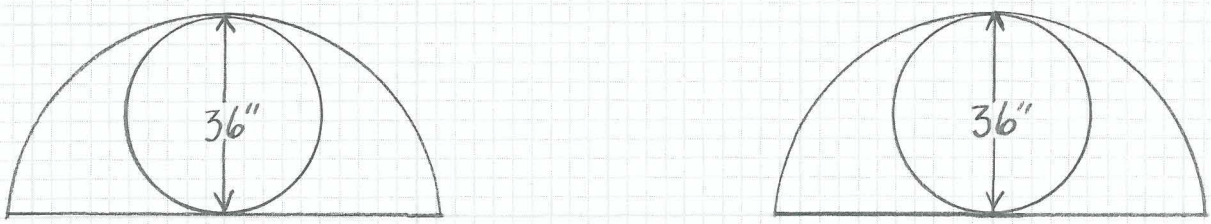
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #35
North Face
West Bound
CMP(2)





COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-21-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

H. BELARANO

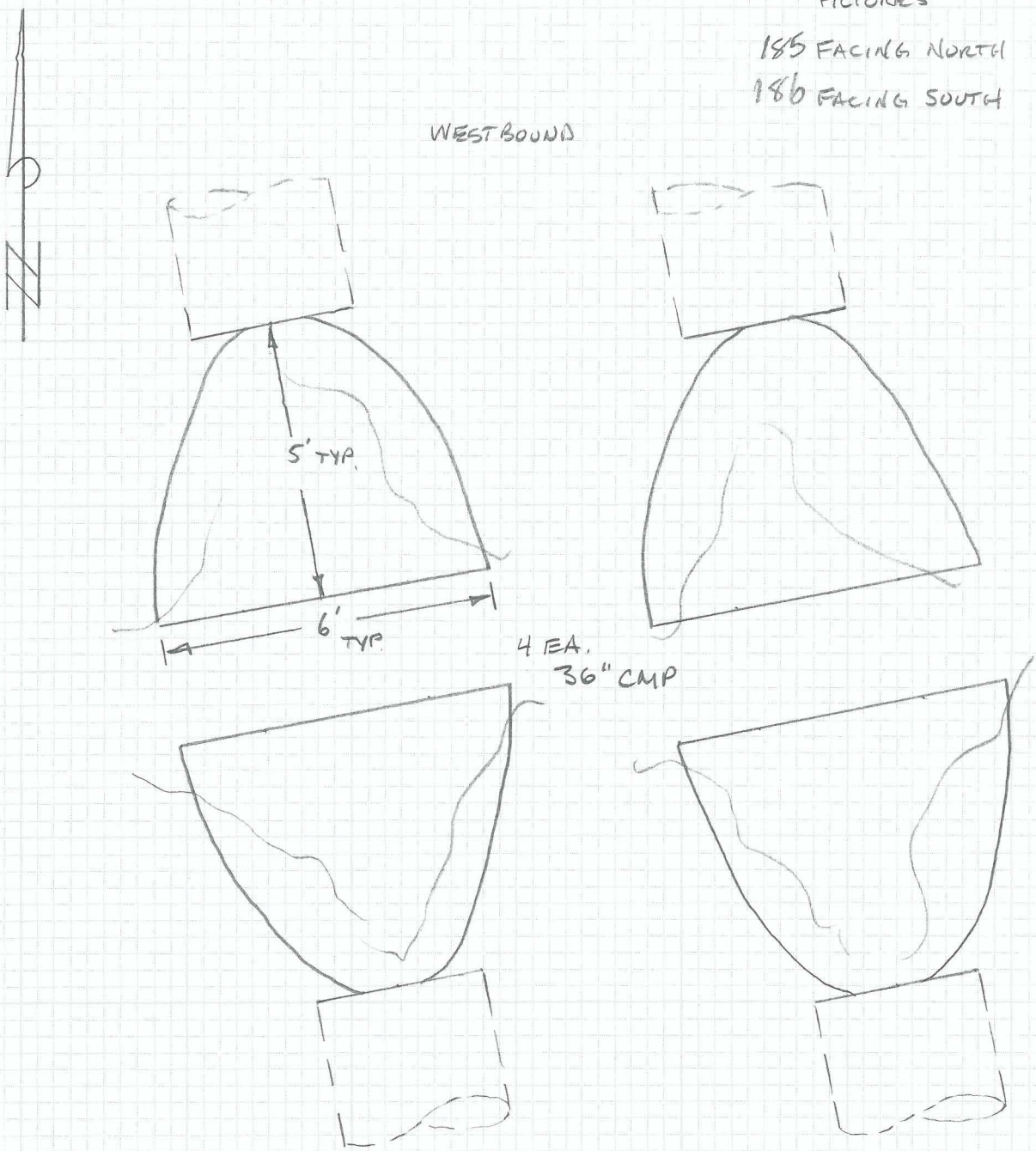
SURVEY DRAINAGE STRUCTURE #35

MEDIAN

PICTURES

185 FACING NORTH 0177

186 FACING SOUTH 0178



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-07-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 35

H. BEDRANO

D. ACOSTA

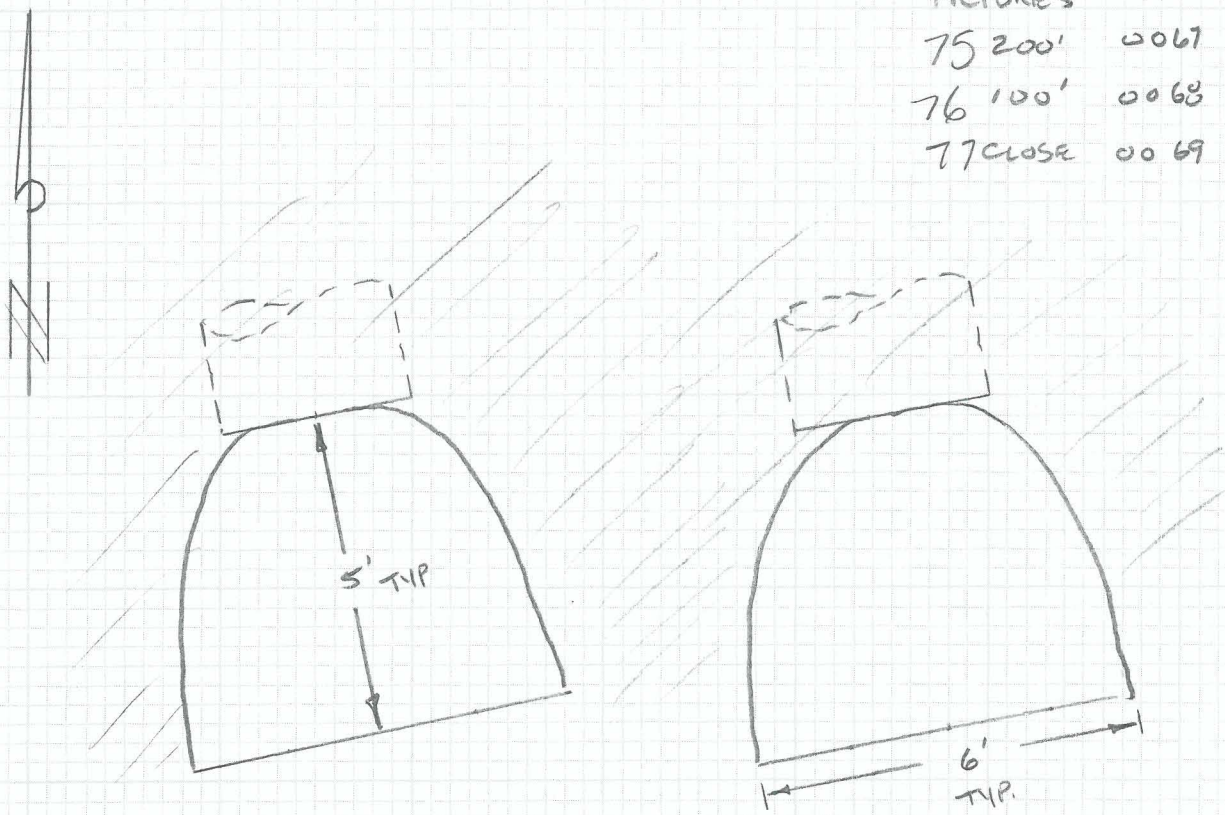
Pt Range - 11550 - 11586

PICTURES

75 200' 0067

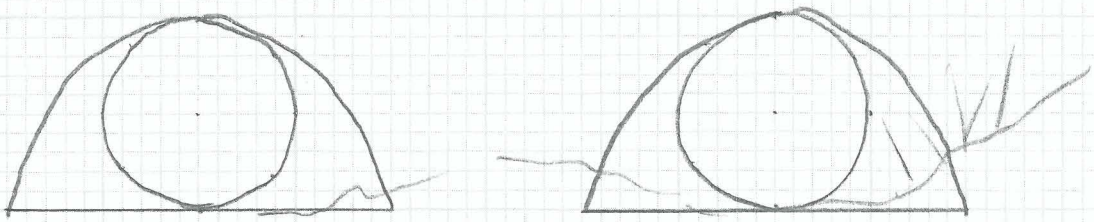
76 100' 0068

77 CLOSE 0069



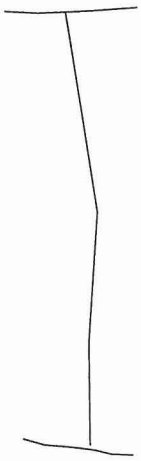
2 EA. 36" CMP

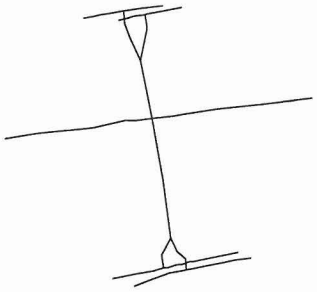
PLAN VIEW

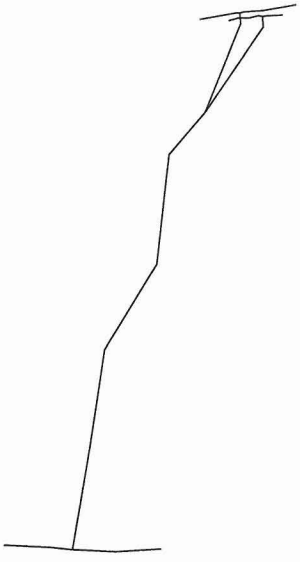


SOUTH FACE

EAST BOUND







W&C

36

Sta. 4762+30.00

Structure #36
Station 4762+30.00

(North of I-10)
2301,914663.6100,369126.2710,1235.6550,BREAKLINE
2302,914663.9710,369116.8810,1235.7820,BREAKLINE
2303,914665.7100,369110.0210,1236.0190,BREAKLINE
2304,914666.0940,369107.7460,1235.7780,TOP OF OPENING
2305,914666.5400,369107.6890,1232.7480,RCP
2306,914666.6630,369103.0850,1236.1090,BREAKLINE
2307,914668.1940,369099.1740,1235.6880,TOP OF OPENING
2308,914668.3340,369099.1400,1232.5550,RCP
2309,914667.4080,369095.9280,1236.1080,BREAKLINE
2310,914667.9540,369087.9510,1236.1580,BREAKLINE
2311,914670.6460,369078.4310,1235.9960,BREAKLINE
2312,914671.3950,369107.1800,1233.0120,FL ES
2313,914667.9640,369107.5540,1232.7630,DITCH FLOWLINE
2314,914673.4060,369098.8990,1232.9110,FL ES
2315,914669.3930,369099.0360,1232.5850,DITCH FLOWLINE
2316,914712.2820,369106.8460,1233.0360,DITCH FLOWLINE
2317,914769.1180,369110.3650,1234.4950,DITCH FLOWLINE
2318,914813.9010,369103.0330,1234.9430,DITCH FLOWLINE
2319,914855.5020,369096.0130,1235.2500,DITCH FLOWLINE
2320,914856.0340,369069.6450,1235.3830,BREAKLINE
2321,914855.2930,369084.3590,1235.3290,BREAKLINE
2322,914856.4070,369108.3270,1235.0220,BREAKLINE
2323,914857.7610,369127.4700,1235.0690,BREAKLINE

(Middle of I-10)
5856,914443.3020,369112.4800,1235.2070,BREAKLINE
5857,914445.3620,369122.7370,1234.8330,BREAKLINE
5858,914446.5960,369130.1520,1234.6030,BREAKLINE
5859,914447.4600,369132.8640,1233.8730,BREAKLINE
5860,914447.9460,369134.7180,1230.6920,RCP
5861,914447.8470,369134.7760,1233.9460,TOP OF OPENING
5862,914447.9560,369136.1690,1233.8750,BREAKLINE
5863,914449.1850,369139.9880,1232.9300,BREAKLINE
5864,914449.4150,369141.5310,1232.4740,BREAKLINE
5865,914449.3450,369142.4200,1231.1340,BREAKLINE
5866,914450.6590,369145.9430,1230.8250,BREAKLINE
5867,914450.5490,369147.1330,1232.2910,BREAKLINE
5868,914451.3230,369150.7000,1232.2620,BREAKLINE
5869,914454.5780,369166.7520,1233.0760,BREAKLINE
5870,914452.0950,369172.4250,1233.0180,BREAKLINE
5871,914451.3020,369165.5180,1233.3150,BREAKLINE
5872,914450.0900,369159.9290,1233.7690,BREAKLINE
5873,914448.6150,369152.3260,1233.1770,BREAKLINE
5874,914447.4210,369146.6440,1233.7100,BREAKLINE
5875,914447.0960,369144.4110,1230.6520,RCP
5876,914446.8430,369144.7070,1233.8200,TOP OF OPENING
5877,914446.7500,369143.1190,1233.8330,BREAKLINE
5878,914445.6650,369136.9310,1234.7610,BREAKLINE
5879,914442.4860,369128.1990,1235.1960,BREAKLINE
5880,914439.9470,369121.6720,1235.5840,BREAKLINE
5881,914451.9670,369144.1990,1230.6520,FL ES
5882,914452.9290,369133.8520,1230.6670,FL ES
5883,914521.0960,369198.8030,1232.8220,BREAKLINE
5884,914518.6760,369178.1860,1232.4170,BREAKLINE
5885,914516.5520,369157.7470,1232.1620,BREAKLINE
5886,914514.5050,369144.4830,1232.2370,BREAKLINE
5887,914513.4470,369138.3400,1231.4620,BREAKLINE
5888,914512.6000,369129.9670,1231.1970,BREAKLINE
5889,914511.6250,369122.5300,1231.6780,BREAKLINE
5890,914511.6930,369117.9260,1232.5190,BREAKLINE

5891,914508.4980,369103.8690,1233.3840,BREAKLINE
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12613,914559.0390,369117.0980,1231.5070,BREAKLINE
12614,914559.0570,369117.0150,1234.7310,TOP OF OPENING
12615,914559.1190,369117.9220,1234.6090,BREAKLINE
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12617,914561.1770,369134.1150,1235.5670,BREAKLINE
12618,914560.4900,369142.3870,1235.4470,BREAKLINE
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12620,914557.6460,369127.0800,1234.2550,BREAKLINE
12621,914557.3940,369126.4070,1231.2190,BREAKLINE
12622,914557.4600,369126.2630,1234.4560,TOP OF OPENING
12623,914557.1640,369125.1260,1233.8920,BREAKLINE
12624,914556.8420,369122.1420,1233.0070,BREAKLINE
12625,914556.3420,369120.1600,1233.0200,BREAKLINE
12626,914555.9760,369119.4120,1231.5180,BREAKLINE
12627,914554.9180,369114.8960,1231.6660,BREAKLINE
12628,914554.1000,369117.5610,1231.5060,FL DITCH
12629,914553.9790,369117.3940,1231.1370,FL DITCH
12630,914547.0180,369120.0040,1231.0190,FL DITCH
12631,914552.5830,369127.1590,1231.3380,FL DITCH
12632,914551.1780,369127.2640,1230.9200,FL DITCH
12633,914537.5180,369124.4160,1230.9720,FL DITCH
12634,914511.7940,369129.6500,1230.9910,FL DITCH
12635,914485.8370,369134.2620,1230.7520,FL DITCH
12636,914460.6000,369137.6490,1230.2870,FL DITCH
12637,914453.4910,369133.6690,1230.2060,FL DITCH
12638,914452.9930,369133.7570,1230.5470,FL DITCH
12639,914448.1570,369134.4740,1230.4840,FL DITCH
12640,914454.9100,369140.4460,1229.5190,FL DITCH
12641,914451.7720,369144.1350,1229.8820,FL DITCH
12642,914447.2100,369144.3790,1230.0450,FL DITCH

(South of I-10)
11587,914346.1250,369134.0810,1231.8500,BREAKLINE
11588,914348.9200,369150.0230,1232.3100,BREAKLINE
11589,914348.8370,369151.3900,1229.2950,BREAKLINE
11590,914349.0950,369151.2640,1232.6000,TOP OF OPENING
11591,914349.3510,369153.1820,1232.3990,BREAKLINE
11592,914349.8800,369161.2750,1233.2260,BREAKLINE
11593,914352.3820,369175.8150,1233.6520,BREAKLINE
11594,914347.9410,369170.0190,1233.0400,BREAKLINE
11595,914347.6360,369162.9930,1232.5970,BREAKLINE
11596,914347.3650,369161.2950,1229.5540,BREAKLINE
11597,914347.7240,369159.4990,1232.3430,BREAKLINE
11598,914347.8340,369161.0340,1232.8090,TOP OF OPENING
11599,914346.6350,369155.1400,1230.9740,BREAKLINE
11600,914346.6990,369150.8360,1229.2020,BREAKLINE
11601,914345.5460,369146.6480,1230.4260,BREAKLINE
11602,914344.3270,369151.8730,1229.1670,FL ES
11603,914342.8050,369161.6010,1229.3590,FL ES
11604,914306.0370,369136.4070,1229.4490,FL DITCH
11605,914287.8210,369120.7040,1229.5750,FL DITCH
11606,914240.4410,369115.3360,1228.9690,FL DITCH
11607,914203.5680,369092.5600,1228.6750,FL DITCH
11608,914161.8280,369086.1060,1228.2490,FL DITCH
11609,914119.4240,369048.4820,1228.6770,BREAKLINE
11610,914118.4130,369068.2270,1228.4220,BREAKLINE
11611,914117.3660,369078.2840,1228.4200,BREAKLINE
11612,914116.4870,369097.0920,1228.3660,BREAKLINE

11613,914117.5890,369116.9680,1228.6520,BREAKLINE

36 WB NS @ 200'

36 WB NS close

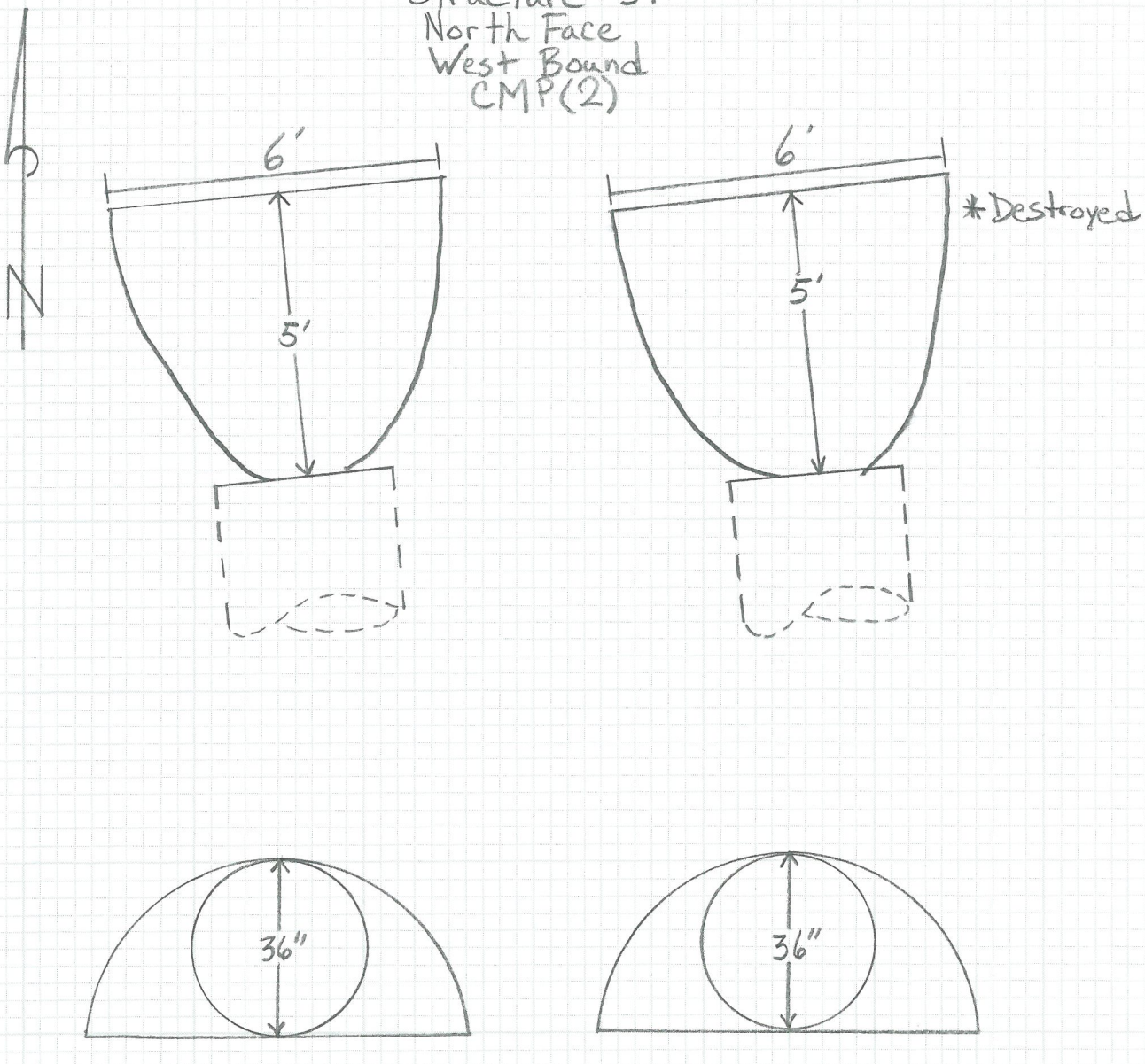
COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 10/19/07 | SUBJ. | OF

WILSON & COMPANY

Structure #34
North Face
West Bound
CMP(2)



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-21-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER — BY M. BEJARANO

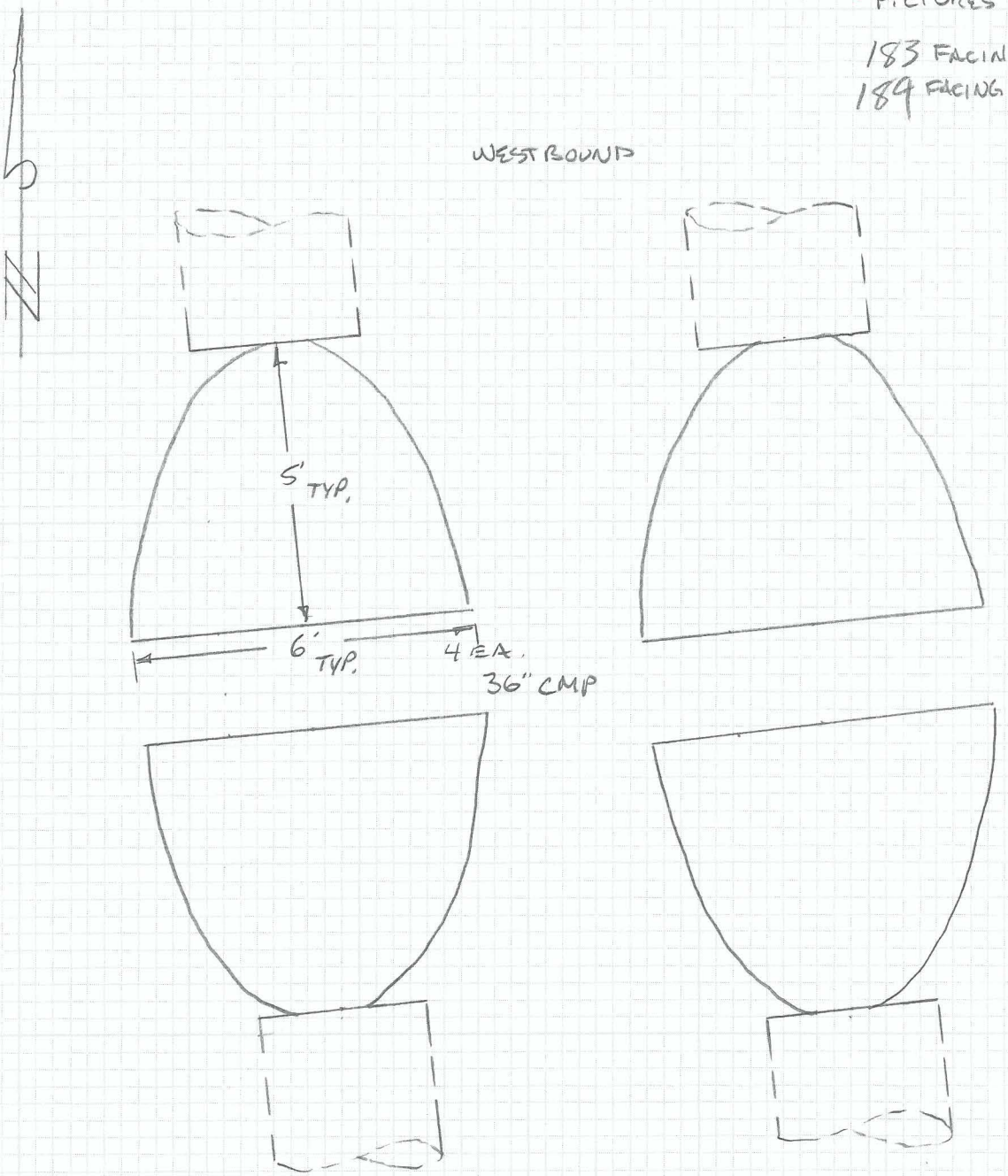
SURVEY DRAINAGE STRUCTURE #34

MEDIAN

√ PICTURES

183 FACING NORTH 0175

184 FACING SOUTH 0176



COMP.

CK.

DATE 11-07-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

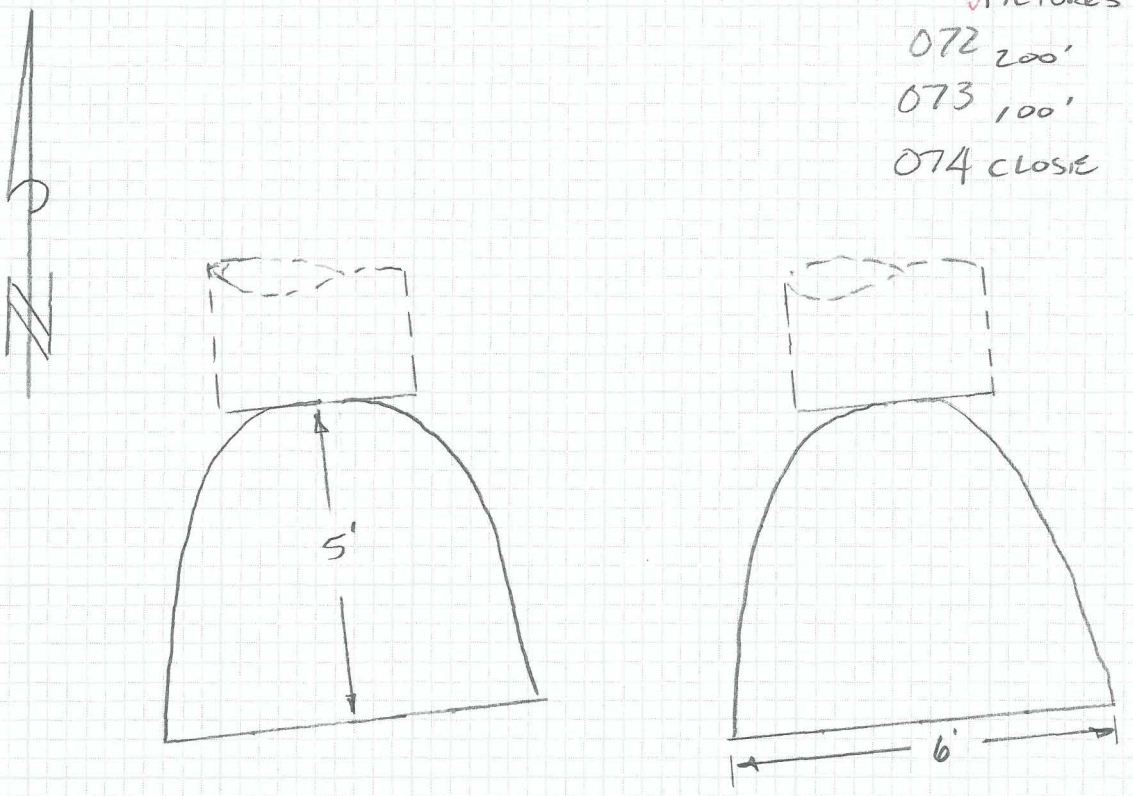
GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 34

H. BEJARANO
D. ACOSTA

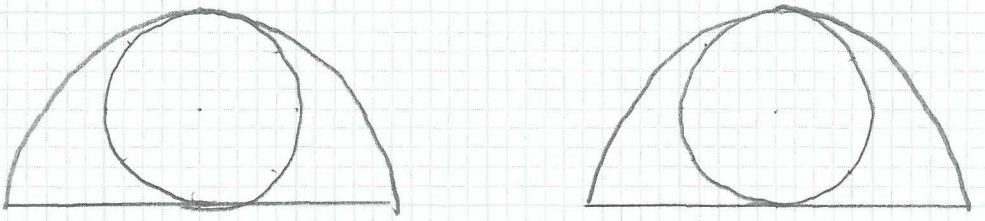
Pt Range - 11516 - 11549
√ PICTURES

072 200' 0064
073 100' 0065
074 CLOSE 0066



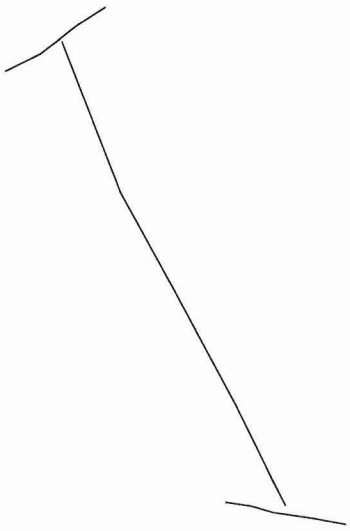
2 EA 36" CMP

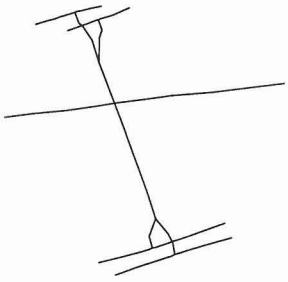
PLAN VIEW

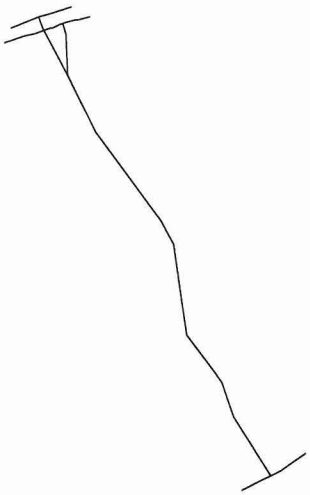


SOUTH FACE

EAST BOUND







35

W&C

Sta. 4757+15.00

Structure #35
Station 4757+15.00

(North of I-10)
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2325,914784.0840,368569.0030,1238.1230,BREAKLINE
2326,914786.6790,368558.4790,1238.0920,TOP OF OPENING
2327,914786.9330,368558.2220,1234.8930,RCP
2328,914786.4230,368552.6460,1238.1790,BREAKLINE
2329,914789.6370,368548.9980,1237.8670,TOP OF OPENING
2330,914790.1410,368549.0510,1234.7720,RCP
2331,914789.2980,368542.8170,1237.8040,BREAKLINE
2332,914791.0000,368531.7110,1238.3270,BREAKLINE
2333,914791.4330,368557.0810,1234.7840,FL ES
2334,914789.4780,368557.6460,1234.8460,DITCH FLOWLINE
2335,914794.7940,368547.8560,1235.0080,FL ES
2336,914791.5830,368548.4010,1234.7960,DITCH FLOWLINE
2337,914833.4970,368535.8050,1235.5190,DITCH FLOWLINE
2338,914884.4560,368508.3770,1236.1190,DITCH FLOWLINE
2339,914925.5900,368485.6370,1236.4290,DITCH FLOWLINE
2340,914991.0900,368459.8860,1236.7880,DITCH FLOWLINE
2341,915005.7300,368478.8470,1238.6740,BREAKLINE
2342,914997.7920,368466.3470,1237.8770,BREAKLINE
2343,914985.5760,368450.5700,1237.5180,BREAKLINE
2344,914978.0900,368435.4110,1237.6020,BREAKLINE

(Middle of I-10)
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5822,914559.9190,368608.8240,1236.9800,BREAKLINE
5823,914562.1290,368617.2880,1236.2110,BREAKLINE
5824,914563.1990,368620.7940,1235.7780,BREAKLINE
5825,914563.9420,368622.4650,1232.6880,RCP
5826,914563.6970,368622.6410,1235.8540,TOP OF OPENING
5827,914564.0780,368623.6140,1235.4750,BREAKLINE
5828,914564.8330,368625.8260,1234.4380,BREAKLINE
5829,914565.5800,368628.1580,1232.9750,BREAKLINE
5830,914566.6510,368630.9340,1233.1670,BREAKLINE
5831,914567.6160,368634.1190,1233.4730,BREAKLINE
5832,914565.6100,368630.5150,1232.9380,FL ES
5833,914568.9770,368638.2490,1234.1180,BREAKLINE
5834,914572.3660,368647.6220,1235.0830,BREAKLINE
5835,914574.5760,368653.9300,1234.9440,BREAKLINE
5836,914568.3010,368657.0300,1234.9720,BREAKLINE
5837,914564.9820,368644.9670,1235.2190,BREAKLINE
5838,914562.5040,368636.6560,1234.9420,BREAKLINE
5839,914561.5880,368633.9350,1235.7180,BREAKLINE
5840,914561.1330,368632.3100,1232.7470,RCP
5841,914560.8690,368632.3480,1235.8640,TOP OF OPENING
5842,914560.4150,368630.8290,1235.8110,BREAKLINE
5843,914558.6190,368625.3200,1236.7050,BREAKLINE
5844,914555.6120,368615.9470,1237.4170,BREAKLINE
5845,914552.1260,368606.3790,1238.0440,BREAKLINE
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12574,914660.6620,368571.7110,1235.2280,BREAKLINE
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12579,914665.8730,368588.9660,1233.1890,BREAKLINE
12580,914665.9390,368588.7920,1236.4400,TOP OF OPENING
12581,914666.2120,368589.6260,1236.2880,BREAKLINE
12582,914666.5890,368591.8090,1236.3130,BREAKLINE
12583,914667.5160,368595.4290,1237.4630,BREAKLINE
12584,914668.5330,368600.5130,1237.7010,BREAKLINE
12585,914667.8690,368612.6420,1237.5560,BREAKLINE
12586,914664.6170,368605.3000,1236.8130,BREAKLINE
12587,914663.0480,368600.0310,1236.4250,BREAKLINE
12588,914662.5760,368599.1060,1233.2810,BREAKLINE
12589,914662.8420,368599.2910,1236.5350,TOP OF OPENING
12590,914662.4470,368598.3240,1236.1600,BREAKLINE
12591,914660.7420,368593.7720,1233.0170,BREAKLINE
12592,914660.0080,368591.7130,1232.7340,BREAKLINE
12593,914657.8870,368585.6810,1233.3290,BREAKLINE
12594,914661.2440,368590.6680,1233.3970,FL DITCH
12595,914659.6360,368592.4660,1232.7410,FL DITCH
12596,914653.7290,368596.4220,1232.8630,FL DITCH
12597,914658.1210,368600.6830,1233.3530,FL DITCH
12598,914654.9000,368599.5550,1232.7770,FL DITCH
12599,914644.0490,368599.4070,1232.7860,FL DITCH
12600,914617.5310,368609.4720,1233.1160,FL DITCH
12601,914588.2150,368620.1280,1232.7030,FL DITCH
12602,914576.5680,368623.8360,1232.5460,FL DITCH
12603,914569.9460,368629.2830,1232.4550,FL DITCH
12604,914565.8980,368631.3330,1232.5150,FL DITCH
12605,914561.0270,368632.1540,1232.4470,FL DITCH
12606,914568.9290,368621.0360,1232.5550,FL DITCH
12607,914564.1100,368622.3670,1232.4390,FL DITCH

(South of I-10)
11550,914452.9320,368680.4100,1235.2120,BREAKLINE
11551,914451.6030,368675.1580,1234.7030,BREAKLINE
11552,914451.5910,368673.9890,1234.3650,BREAKLINE
11553,914450.5270,368669.7900,1234.3230,BREAKLINE
11554,914450.3860,368668.4350,1234.5090,TOP OF OPENING
11555,914450.0680,368668.4960,1231.4050,FL DITCH
11556,914449.7460,368667.3700,1233.9210,BREAKLINE
11557,914448.0620,368663.9670,1232.2140,BREAKLINE
11558,914448.1370,368663.2330,1230.9830,BREAKLINE
11559,914445.5860,368656.1710,1231.4390,BREAKLINE
11560,914444.7090,368651.7610,1232.5780,BREAKLINE
11561,914441.7220,368643.0580,1232.6100,BREAKLINE
11562,914448.1360,368645.9520,1233.4650,BREAKLINE
11563,914452.5110,368656.9900,1234.3210,BREAKLINE
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11565,914452.9410,368657.9910,1231.2060,FL DITCH
11566,914453.2270,368659.0260,1234.2590,BREAKLINE
11567,914454.3440,368663.1880,1234.5990,BREAKLINE
11568,914457.2590,368672.3800,1235.5080,BREAKLINE
11569,914445.7260,368669.8620,1231.2020,FL DITCH
11570,914444.9230,368669.9590,1230.8480,FL DITCH
11571,914448.3080,368659.6560,1231.1910,FL DITCH
11572,914427.5590,368670.6430,1231.0870,FL DITCH
11573,914403.1180,368682.8800,1231.1040,FL DITCH
11574,914364.6900,368711.1310,1230.8760,FL DITCH
11575,914354.5490,368716.6390,1230.6830,FL DITCH
11576,914331.0310,368719.9120,1230.6340,FL DITCH
11577,914315.2910,368722.1850,1230.6460,FL DITCH
11578,914294.8250,368737.5030,1230.4780,FL DITCH
11579,914279.9430,368742.6830,1230.2670,FL DITCH
11580,914248.4160,368746.0400,1230.3960,BREAKLINE
11581,914253.4440,368756.0690,1230.3540,BREAKLINE

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11583,914254.7120,368758.7320,1229.9350,BREAKLINE
11584,914254.9240,368759.2680,1230.0950,BREAKLINE
11585,914256.9130,368763.1450,1230.3700,BREAKLINE
11586,914264.4010,368774.0600,1230.3780,BREAKLINE
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35 WB NS @ 200'

35 WB NS Close

35 EB SS @ 200'

35 EB SS Close

35 WB NS Median

35 EB SS Median

COMP.

CK.

DATE 10/19/07

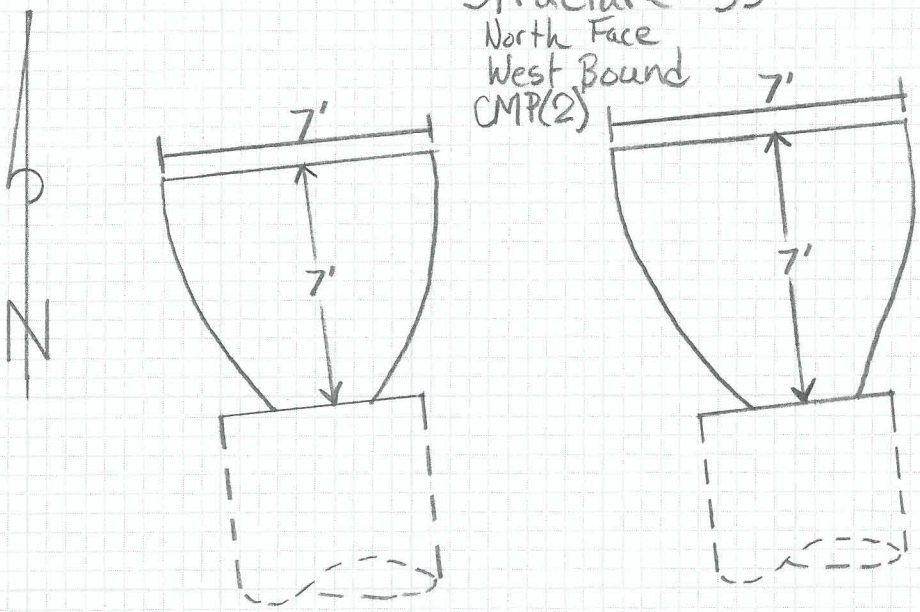
WILSON & COMPANY

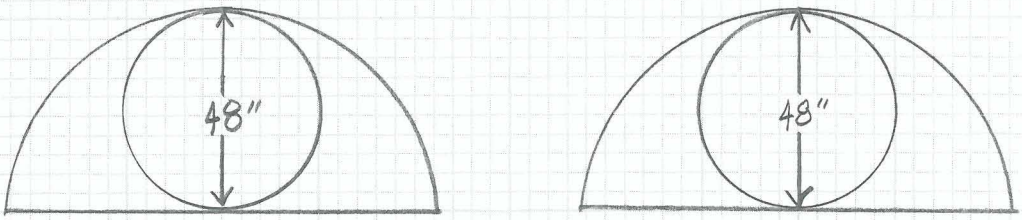
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #33
North Face
West Bound
CMP(2)





COMP.

CK.

DATE 11-21-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 33

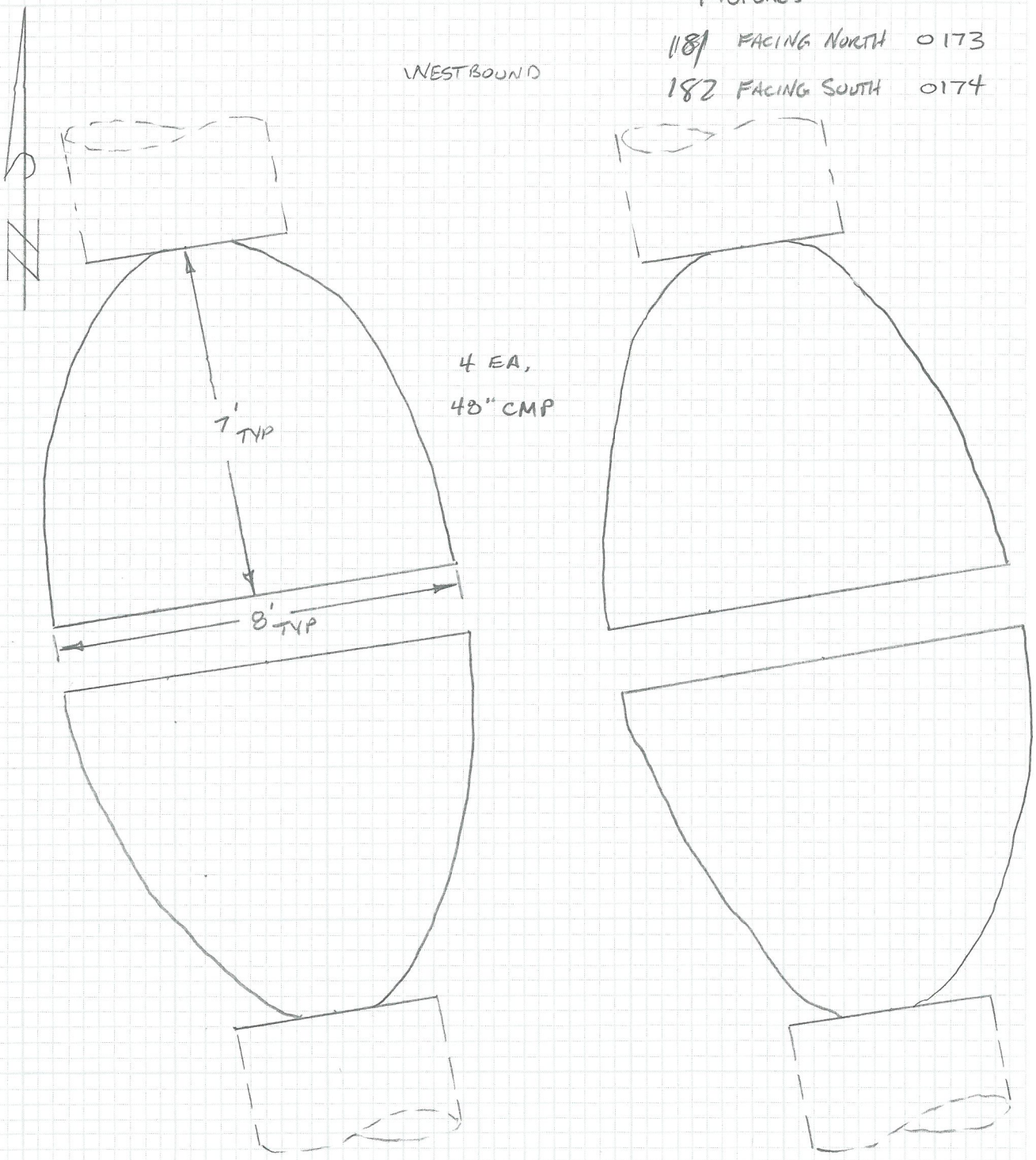
MEDIAN

H. BEJARANO

PICTURES

181 FACING NORTH 0173

182 FACING SOUTH 0174



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-07-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

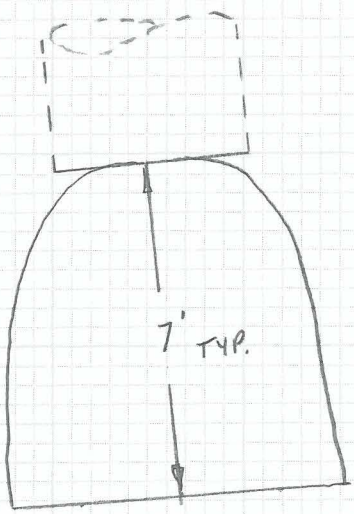
SURVEY DRAINAGE STRUCTURE # 33

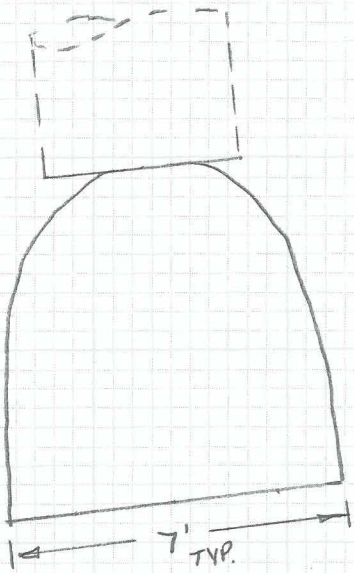
H. BEJARANO
D. ACOSTA

Pt Range – 11487 – 11516

PICTURES

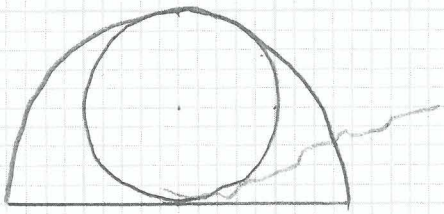
69 200' 0061
70 100' 0062
71 CLOSE 0063

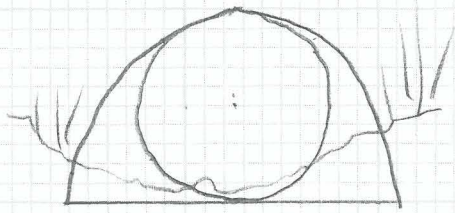




2 EA. 48" CMP

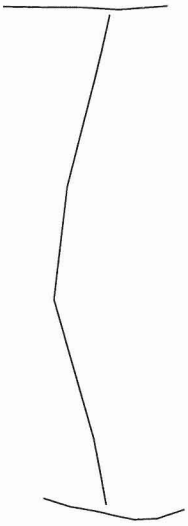
PLAN VIEW

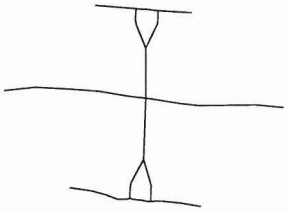


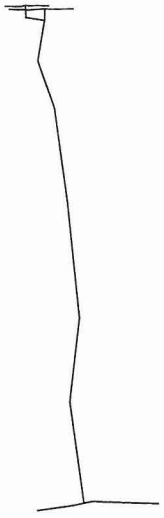


SOUTH FACE

EAST BOUND







W&C

34

Sta. 4748+85.00

Structure #34
Station 4748+85.00

(North of I-10)
2345,914948.4300,367872.7550,1239.7150,BREAKLINE
2346,914944.5670,367860.9000,1240.0270,BREAKLINE
2347,914944.1120,367851.0380,1240.2580,BREAKLINE
2348,914944.5120,367848.5030,1240.3030,TOP OF OPENING
2349,914945.8770,367842.4290,1240.1990,BREAKLINE
2350,914947.7530,367838.6410,1240.1100,TOP OF OPENING
2351,914947.7720,367834.6400,1240.4010,BREAKLINE
2352,914949.7740,367823.2970,1240.2450,BREAKLINE
2353,914953.4920,367811.5520,1240.2910,BREAKLINE
2354,914948.9510,367848.6540,1237.1660,FL ES
2355,914944.2930,367848.3360,1237.0950,RCP
2356,914946.7810,367848.3930,1237.1190,DITCH FLOWLINE
2357,914953.7980,367838.7610,1237.4160,FL ES
2358,914950.6050,367838.6520,1237.2350,DITCH FLOWLINE
2359,914948.9720,367838.4460,1237.0210,RCP
2360,914979.2380,367833.4300,1237.9390,DITCH FLOWLINE
2361,915039.4610,367816.0260,1238.9670,DITCH FLOWLINE
2362,915088.4400,367821.6500,1239.0580,DITCH FLOWLINE
2363,915135.2880,367833.5150,1239.1130,DITCH FLOWLINE
2364,915163.0050,367839.6520,1239.5380,DITCH FLOWLINE
2365,915166.7800,367865.0060,1240.0900,BREAKLINE
2366,915165.2710,367843.8070,1239.6760,BREAKLINE
2367,915166.1970,367828.1400,1239.5500,BREAKLINE
2368,915166.3040,367811.5760,1239.8640,BREAKLINE
2369,915166.7070,367793.6790,1239.9700,BREAKLINE

(Middle of I-10)
5791,914745.3280,367804.5270,1239.0830,BREAKLINE
5793,914743.8490,367814.1890,1239.0360,BREAKLINE
5794,914742.2270,367819.9840,1239.0650,BREAKLINE
5795,914740.2940,367825.0890,1239.2530,BREAKLINE
5796,914740.3150,367829.3110,1238.7890,BREAKLINE
5797,914740.4060,367830.7210,1238.8260,TOP OF OPENING
5798,914740.6380,367830.5690,1235.6600,RCP
5799,914740.1940,367831.9320,1238.6120,BREAKLINE
5800,914739.8480,367835.3540,1238.7270,BREAKLINE
5801,914739.3240,367837.8070,1238.7310,BREAKLINE
5802,914739.2220,367839.6360,1235.7300,RCP
5803,914739.0610,367839.4520,1238.8670,TOP OF OPENING
5804,914739.3770,367841.1250,1238.5840,BREAKLINE
5805,914744.9580,367830.6210,1235.6680,FL ES
5806,914744.0780,367839.5400,1235.6740,FL ES
5807,914739.3380,367844.7800,1238.5760,BREAKLINE
5808,914738.4860,367852.7470,1238.5280,BREAKLINE
5809,914736.9880,367861.1820,1238.2740,BREAKLINE
5810,914779.6130,367897.1030,1238.6640,BREAKLINE
5811,914780.7750,367885.0850,1238.0060,BREAKLINE
5812,914780.6340,367873.2480,1237.0180,BREAKLINE
5813,914780.5130,367860.5710,1236.7510,BREAKLINE
5814,914781.5420,367851.7500,1236.9990,BREAKLINE
5815,914783.6410,367838.8030,1236.1110,BREAKLINE
5816,914784.7180,367829.8370,1236.5010,BREAKLINE
5817,914786.8730,367817.1700,1237.2820,BREAKLINE
5818,914787.9030,367804.2720,1237.7560,BREAKLINE
5819,914788.7100,367789.5060,1238.0330,BREAKLINE
5820,914787.3260,367776.2220,1237.9220,BREAKLINE
12549,914824.0820,367815.6200,1239.1580,BREAKLINE
12550,914822.7090,367832.4020,1239.1810,BREAKLINE
12551,914822.7000,367833.3440,1236.3370,BREAKLINE
12552,914822.7800,367833.3610,1239.4000,TOP OF OPENING

12553,914822.4830,367834.1900,1239.2720,BREAKLINE
12554,914822.3030,367838.0370,1239.1980,BREAKLINE
12555,914821.7950,367841.7850,1239.3760,BREAKLINE
12556,914821.7490,367842.6700,1236.2910,BREAKLINE
12557,914821.9010,367842.7490,1239.4700,TOP OF OPENING
12558,914821.6560,367843.7340,1239.4680,BREAKLINE
12559,914820.7800,367857.3190,1239.7690,BREAKLINE
12560,914816.9780,367842.5710,1236.2870,FL DITCH
12561,914815.9120,367842.3920,1235.5010,FL DITCH
12562,914817.7400,367832.9940,1236.0760,FL DITCH
12563,914817.0550,367833.1490,1235.7140,FL DITCH
12564,914815.3900,367833.5200,1235.5360,FL DITCH
12565,914805.5660,367837.3160,1235.8340,FL DITCH
12566,914784.2230,367837.3570,1235.9300,FL DITCH
12567,914757.3520,367836.4080,1235.3200,FL DITCH
12568,914746.0950,367839.7230,1235.1040,FL DITCH
12569,914744.1020,367839.5540,1235.5540,FL DITCH
12570,914739.2070,367839.5070,1235.5700,FL DITCH
12571,914747.2460,367831.0530,1235.3760,FL DITCH
12572,914745.0700,367830.6790,1235.5100,FL DITCH
12573,914740.6020,367830.5390,1235.3960,FL DITCH

(South I-10)
11517,914625.8430,367817.2170,1237.2710,BREAKLINE
11518,914625.8010,367824.5060,1237.2530,BREAKLINE
11519,914626.2630,367826.2570,1234.4160,BREAKLINE
11520,914626.0640,367827.6050,1237.4740,BREAKLINE
11521,914626.1330,367831.4250,1237.8660,BREAKLINE
11522,914626.0240,367836.4080,1238.1420,BREAKLINE
11523,914624.6160,367847.1600,1238.1200,BREAKLINE
11524,914624.5630,367840.6180,1238.0180,BREAKLINE
11525,914624.5850,367836.3320,1237.5510,BREAKLINE
11526,914624.6120,367834.5380,1234.4960,BREAKLINE
11527,914624.6460,367833.6440,1237.2920,BREAKLINE
11528,914624.3590,367828.7720,1236.6860,BREAKLINE
11529,914624.1650,367827.8770,1234.6310,BREAKLINE
11530,914624.4030,367824.7920,1234.2740,BREAKLINE
11531,914624.3920,367823.4170,1236.4500,BREAKLINE
11532,914624.4800,367819.0650,1236.7450,BREAKLINE
11533,914621.1420,367826.4990,1234.4520,FL DITCH
11534,914620.9880,367826.3200,1233.9500,FL DITCH
11535,914619.9290,367834.5860,1234.5050,FL DITCH
11536,914619.6900,367834.5440,1234.0960,FL DITCH
11537,914626.2550,367826.1600,1237.5260,TOP OF OPENING
11538,914624.8210,367834.9140,1237.6080,TOP OF OPENING
11539,914602.1890,367831.6060,1234.1630,FL DITCH
11540,914581.6320,367838.7300,1233.8980,FL DITCH
11541,914540.7530,367844.2860,1233.6250,FL DITCH
11542,914491.0990,367849.3300,1233.1680,FL DITCH
11543,914455.0040,367845.0470,1232.1020,FL DITCH
11544,914408.2370,367830.7300,1233.3010,BREAKLINE
11545,914410.3550,367846.4880,1234.3970,BREAKLINE
11546,914411.3330,367851.0340,1232.3550,BREAKLINE
11547,914412.0590,367854.8090,1232.4970,BREAKLINE
11548,914411.8600,367858.8820,1233.5810,BREAKLINE
11549,914411.0290,367883.6180,1234.3200,BREAKLINE

34 WB NS @ 200'

34 WB NS Close

34 EB SS @ 200'

34 EB SS close

34 WB NS Median

34 EB SS Median

38 EB SS Close

38 EB SS @ 200'

3B WB NS @ 200'

3B WB NS Close

38 EB SS Median

38 WB NS Median

COMP.

CK.

DATE 10/16/07

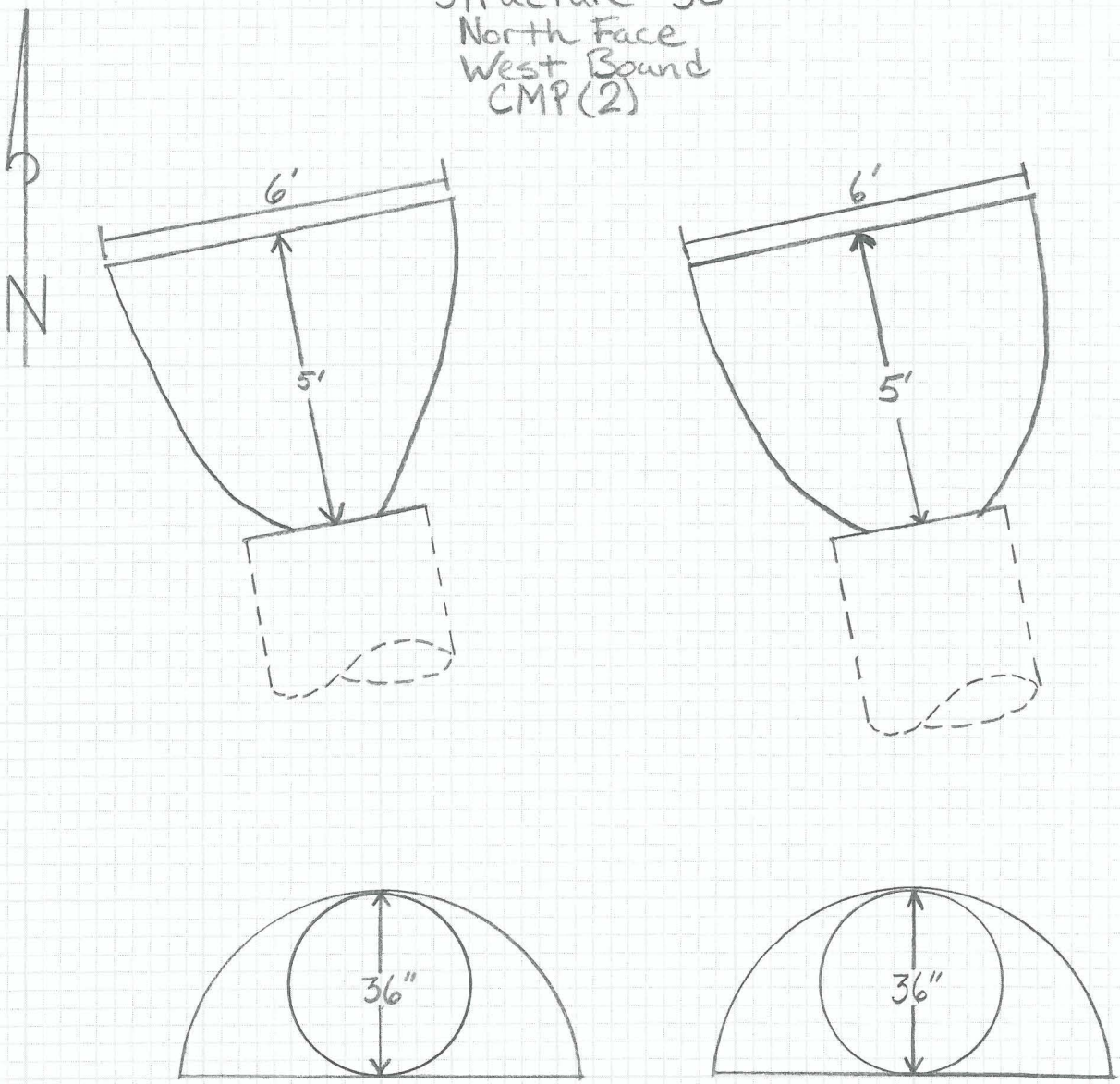
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #38
North Face
West Bound
CMP (2)



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-27-07 | SUBJ. | OF

WILSON & COMPANY

H. BEJARANO
D. ACOSTA

GPS POINT NUMBER

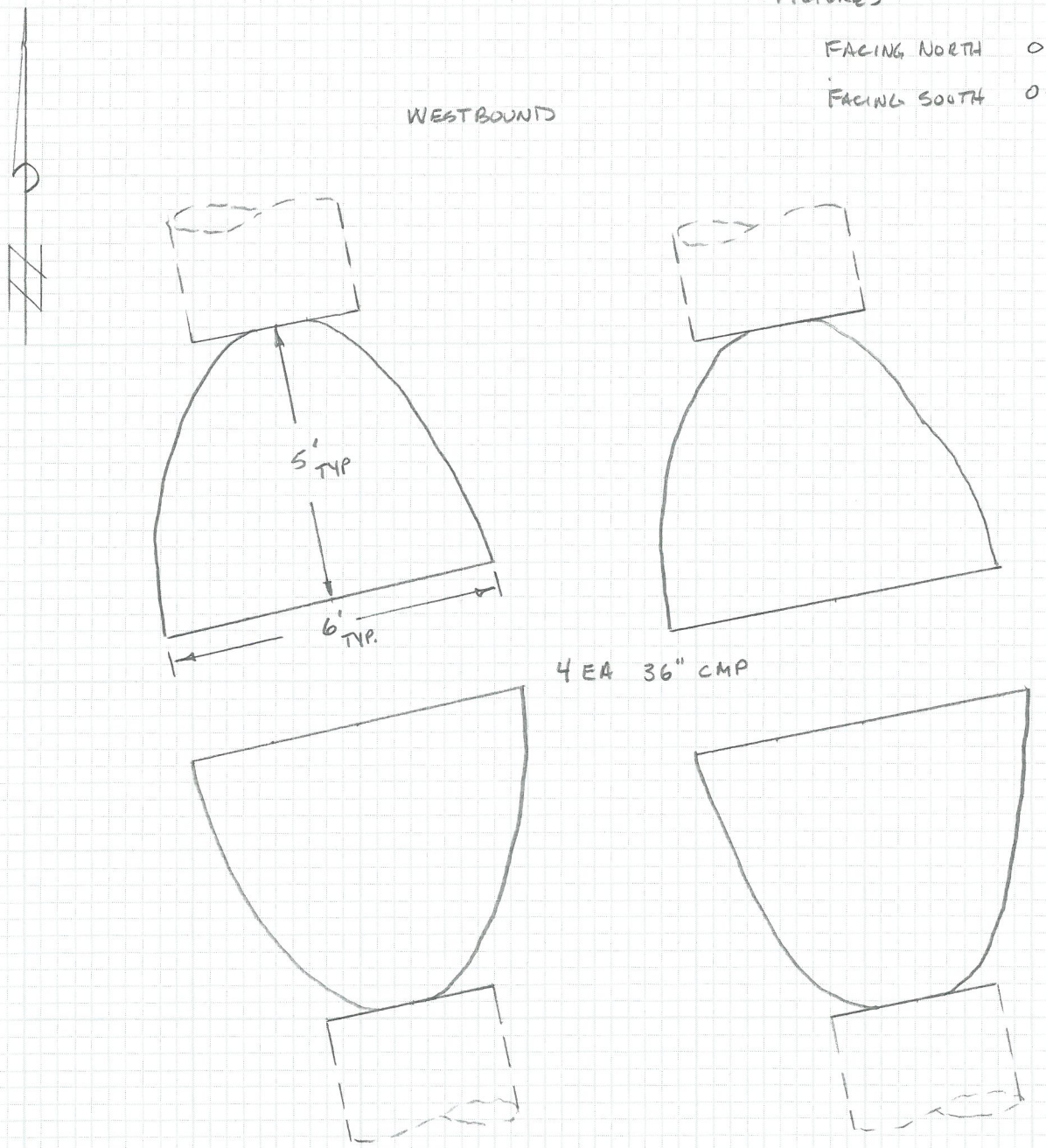
SURVEY DRAINAGE STRUCTURE # 38

MEDIAN

PICTURES

FACING NORTH 0-198 206

FACING SOUTH 0-199 207



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-08-07 | SUBJ. | OF

WILSON & COMPANY

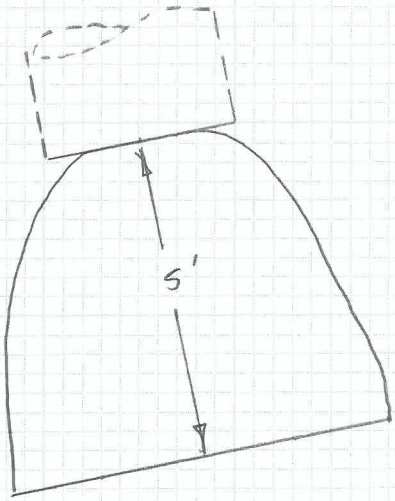
GPS POINT NUMBER — H. BELARANO

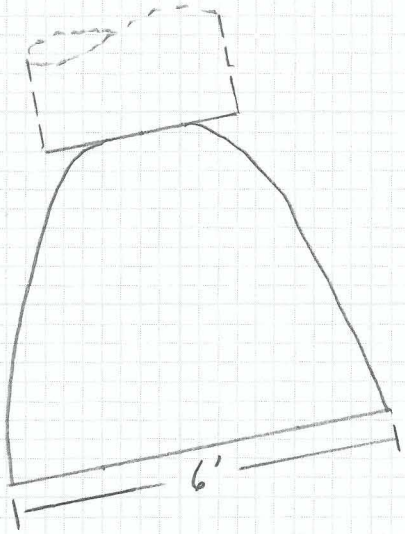
SURVEY DRAINAGE STRUCTURE # 38 — D. ACOSTA

Pt Range - 11644 - 11668

PICTURES

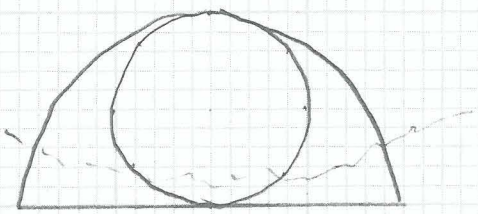
200'	0076	84
100'	0077	85
CLOSE	0078	86

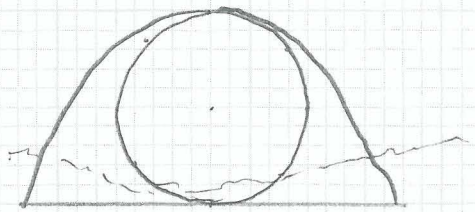




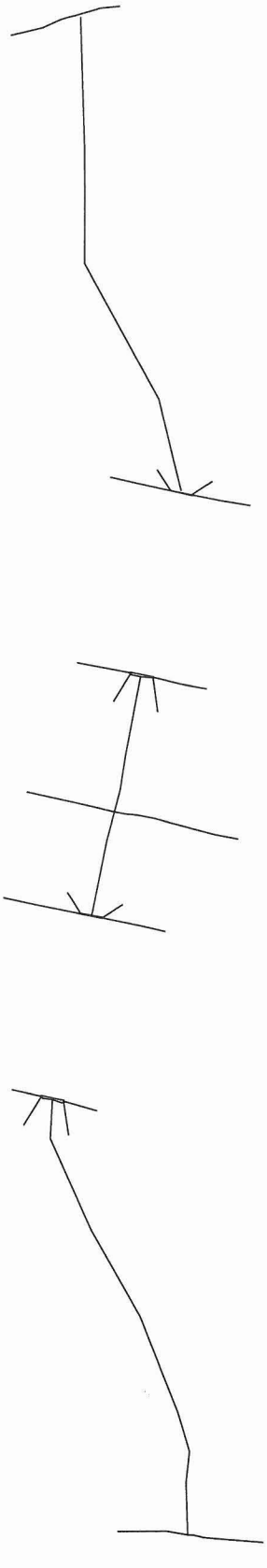
2 EA. 36" CMP

PLAN VIEW





SOUTH FACE
EAST BOUND



39

Sta. 4779+75.00

Structure #39
Station 4779+75.00

(North of I-10)
2242,914270.1890,370937.7240,1228.7000,BREAKLINE
2243,914272.5510,370923.6100,1229.2840,BREAKLINE
2244,914274.9630,370911.4410,1229.9750,BREAKLINE
2245,914277.3700,370899.7530,1230.0490,BREAKLINE
2246,914280.2980,370886.6190,1229.4620,BREAKLINE
2247,914283.5410,370872.6500,1229.2590,BREAKLINE
2248,914276.0490,370905.5870,1231.0070,TOP OF OPENING
2249,914286.8940,370894.4300,1228.4980,WINGWALL
2250,914277.3560,370900.6060,1230.0740,WINGWALL
2251,914277.3470,370899.9930,1231.1020,HEADWALL
2252,914274.7860,370911.0020,1231.0690,HEADWALL
2253,914275.2360,370910.4860,1230.0720,WINGWALL
2254,914281.4500,370919.9810,1228.6750,WINGWALL
2255,914281.5230,370919.9940,1226.5750,SPOT
2256,914287.0480,370894.5870,1225.0710,SPOT
2257,914276.9790,370905.4690,1223.3920,FL ES
2258,914277.1040,370905.5220,1223.3590,RCP
2259,914319.4410,370895.2090,1223.8220,DITCH FLOWLINE
2260,914382.4490,370860.7450,1224.2330,DITCH FLOWLINE
2261,914435.2440,370860.5850,1225.0430,DITCH FLOWLINE
2262,914497.1390,370858.5460,1226.0080,DITCH FLOWLINE
2263,914502.1470,370876.7960,1227.1930,BREAKLINE
2264,914501.3360,370867.8380,1227.4260,BREAKLINE
2265,914500.1270,370863.7980,1226.4530,BREAKLINE
2266,914497.9350,370856.1600,1225.7780,BREAKLINE
2267,914496.8180,370851.7380,1224.7220,BREAKLINE
2268,914495.8370,370848.8040,1224.5160,BREAKLINE
2269,914492.2290,370840.7970,1227.4570,BREAKLINE
2270,914488.7960,370826.0150,1227.6870,BREAKLINE

(Middle of I-10)
5960,914089.1190,370823.0850,1226.1000,BREAKLINE
5961,914086.2180,370836.2040,1226.7230,BREAKLINE
5962,914083.6940,370848.5100,1227.3480,BREAKLINE
5963,914081.7830,370857.8130,1227.9070,BREAKLINE
5964,914091.3980,370852.8010,1226.3380,WINGWALL
5965,914089.2200,370854.2560,1226.9450,WINGWALL
5966,914082.7660,370858.2870,1227.9880,WINGWALL
5967,914081.7580,370858.8110,1227.9870,WINGWALL
5968,914081.6240,370858.1720,1228.9880,HEADWALL
5969,914079.3380,370869.2790,1228.9520,HEADWALL
5970,914079.5820,370868.8960,1227.9130,WINGWALL
5971,914080.1880,370869.8600,1227.9030,WINGWALL
5972,914084.3910,370876.3220,1226.9640,WINGWALL
5973,914085.7000,370878.4150,1226.3080,WINGWALL
5974,914081.7410,370859.0490,1221.0050,BREAKLINE
5975,914079.8670,370868.8100,1220.7480,BREAKLINE
5980,914079.2550,370870.3410,1227.8210,BREAKLINE
5981,914075.8240,370886.6660,1226.8800,BREAKLINE
5982,914073.1310,370898.1600,1227.0180,BREAKLINE
5983,914080.5750,370864.2060,1227.0050,TOP OF OPENING
12989,914197.6110,370857.3710,1228.6290,BREAKLINE
12990,914194.6860,370872.6690,1228.7930,BREAKLINE
12991,914192.9700,370881.4640,1229.0010,BREAKLINE
12992,914179.6920,370874.2040,1226.1660,WINGWALL
12993,914192.3350,370882.0770,1229.1680,WINGWALL
12994,914192.8540,370882.3900,1229.1970,WINGWALL
12995,914193.1600,370881.9240,1230.1870,HEADWALL
12996,914190.8630,370892.9810,1230.2890,HEADWALL
12997,914190.7990,370892.4030,1229.2810,WINGWALL

12998,914190.3110,370892.5760,1229.3070,WINGWALL
12999,914174.8310,370894.6880,1226.2750,WINGWALL
13000,914191.6240,370887.7970,1228.2410,TOP OF OPENING
13001,914191.9890,370882.4870,1222.4940,BREAKLINE
13002,914191.0230,370886.7480,1222.4770,BREAKLINE
13003,914190.5680,370891.9490,1222.1690,BREAKLINE
13004,914173.2790,370883.4000,1222.2370,FL DITCH
13005,914190.5760,370893.4520,1229.1340,BREAKLINE
13006,914187.6310,370905.0110,1228.5430,BREAKLINE
13007,914185.3660,370917.4110,1228.6770,BREAKLINE
13008,914155.2340,370879.8840,1221.7960,FL DITCH
13009,914138.8080,370877.3430,1221.4000,FL DITCH
13010,914115.4870,370871.1610,1221.4510,FL DITCH
13011,914082.3410,370864.4380,1221.2120,FL DITCH
13012,914080.9700,370863.9670,1220.9680,FL DITCH
13013,914137.9200,370834.0870,1224.4640,BREAKLINE
13014,914132.2010,370859.5050,1223.8520,BREAKLINE
13015,914130.7810,370865.5840,1222.4410,BREAKLINE
13016,914128.5790,370874.3260,1221.5570,BREAKLINE
13017,914127.5540,370879.7380,1221.5030,BREAKLINE
13018,914127.2330,370883.3410,1222.0940,BREAKLINE
13019,914126.9930,370885.2280,1222.9240,BREAKLINE
13020,914125.4650,370893.0820,1224.4980,BREAKLINE
13021,914118.0940,370920.3710,1227.7630,BREAKLINE
13022,914115.9040,370931.9850,1227.9510,BREAKLINE

(South of I-10)
11670,913979.3510,370853.1560,1224.0220,WINGWALL
11671,913995.2300,370850.8310,1226.8560,WINGWALL
11672,913995.3440,370851.3550,1227.8360,HEADWALL
11673,913997.7400,370840.2800,1227.8980,HEADWALL
11674,913996.4540,370845.8570,1225.8310,TOP OF OPENING
11675,913997.4400,370840.6990,1226.9180,WINGWALL
11676,913983.9610,370832.2570,1224.0030,WINGWALL
11677,914000.3390,370826.8490,1226.1320,BREAKLINE
11678,913997.4710,370839.8970,1226.8430,BREAKLINE
11679,913996.3740,370841.2780,1220.6380,BREAKLINE
11680,913995.8160,370845.7220,1220.6180,BREAKLINE
11681,913994.2580,370850.0290,1220.7820,BREAKLINE
11682,913994.7570,370851.7610,1226.7500,BREAKLINE
11683,913990.4820,370866.3460,1225.8100,BREAKLINE
11684,913977.6980,370844.7330,1220.2810,FL DITCH
11685,913935.8750,370863.2230,1219.6180,FL DITCH
11686,913895.5740,370885.8060,1219.1950,FL DITCH
11687,913851.3240,370903.0720,1218.8790,FL DITCH
11688,913832.6930,370908.6300,1218.5680,FL DITCH
11689,913818.2390,370906.9230,1218.2540,FL DITCH
11690,913796.0660,370875.1500,1221.6840,BREAKLINE
11691,913796.0630,370897.7980,1221.9610,BREAKLINE
11692,913794.7840,370904.8660,1218.8500,BREAKLINE
11693,913794.2540,370907.6350,1218.2940,BREAKLINE
11694,913794.2710,370909.9210,1218.5200,BREAKLINE
11695,913792.9820,370915.2080,1221.9090,BREAKLINE
11696,913790.7860,370942.7880,1221.6020,BREAKLINE

39 EB SS @ 200'

39 EB SS Close

39 WB NS @ 200'

39 WB NS Close

39 WB NS Median

39 EB SS Median

COMP.

CK.

DATE 10-17-07

WILSON & COMPANY

LOC. TONOPAH, AZ FILE

PROJ. J-10 SHEET

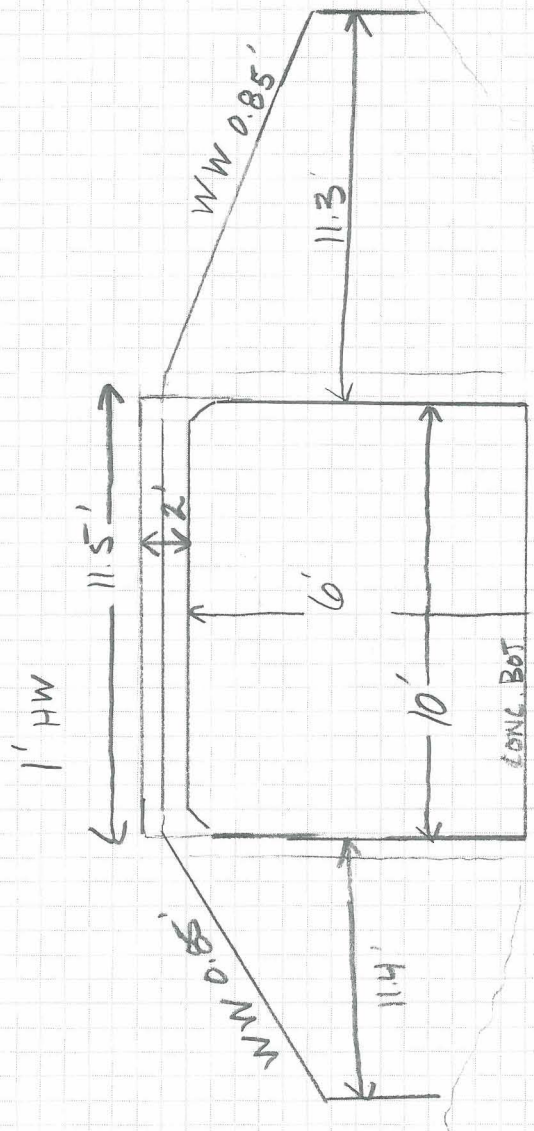
SUBJ. OF

SR/AJ

Structure #39
North Face
West Bound

PT. RANGE 2242 - 2270

✓ PIC # 60-62



60 CLOSE

61 75'

62 200'

STA 474 0.00

N

PRINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-27-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #39

MEDIAN

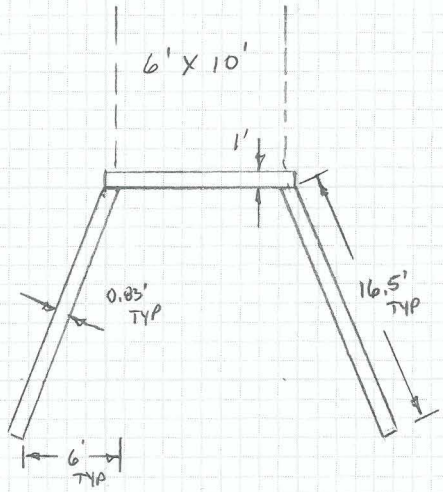
H. BEJARANO & D. ACOSTA

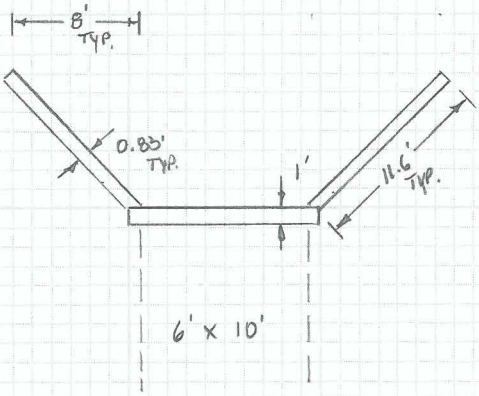
PICTURES

FACING NORTH 0-0202 209

FACING SOUTH 0-0201 208

WESTBOUND





EASTBOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-08-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

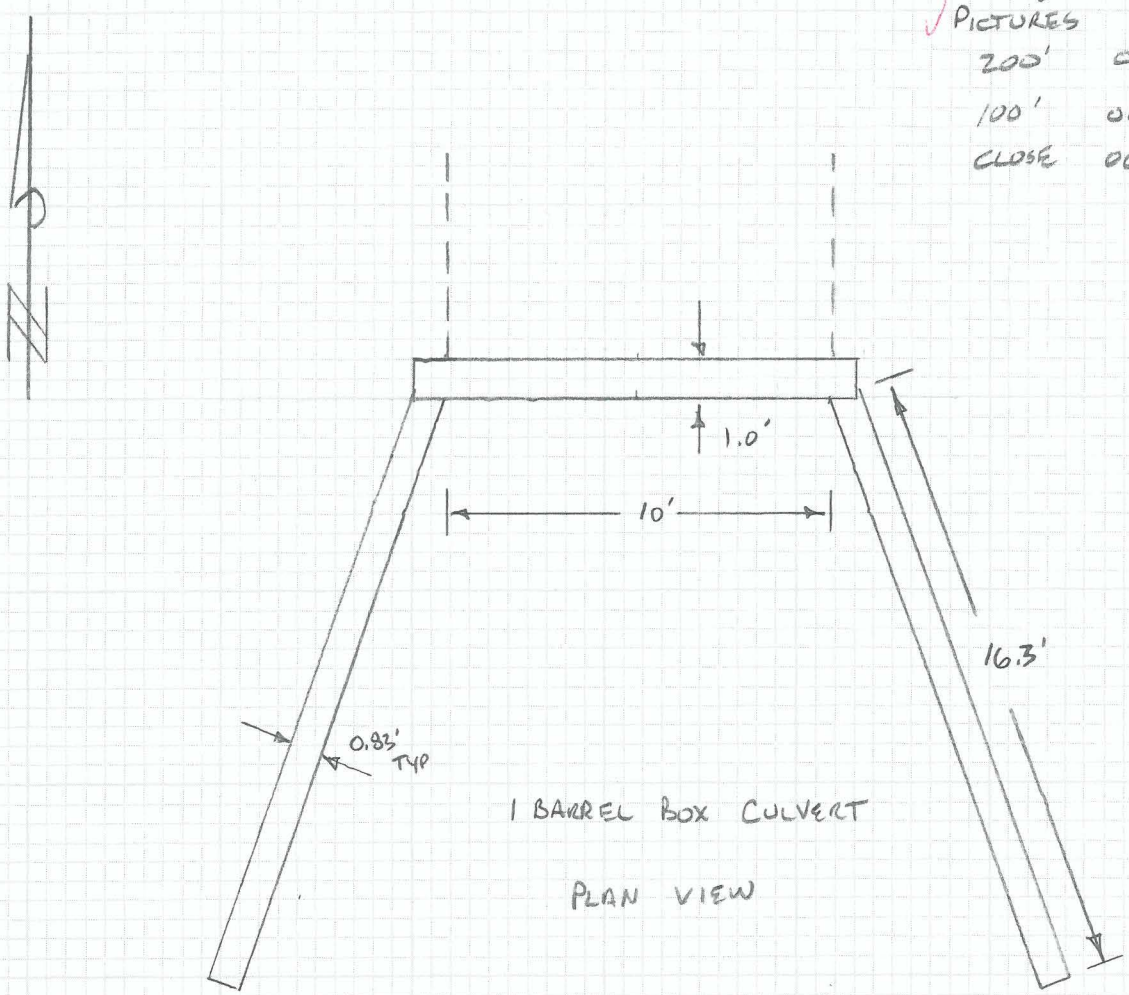
SURVEY DRAINAGE STRUCTURE # 39

H. BEJARANO
D. ACOSTA

Pt Range - 11669 - 11696

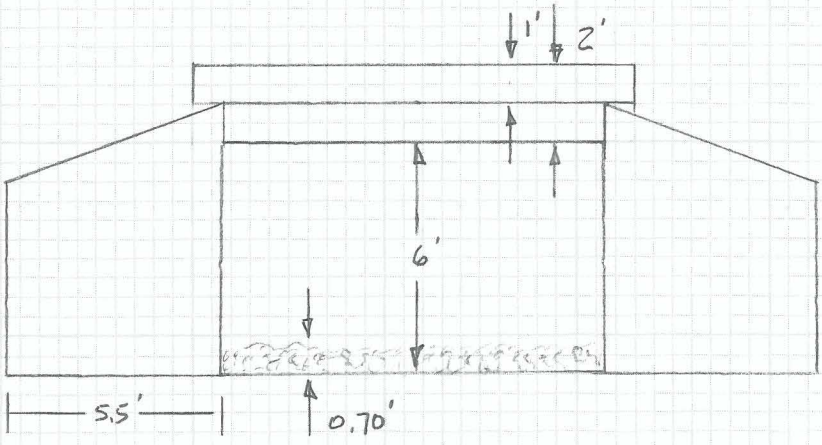
PICTURES

200'	00 79	87
100'	00 80	88
CLOSE	00 81	89

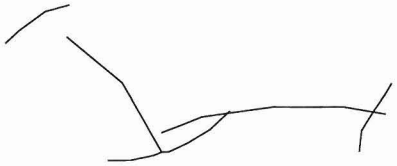


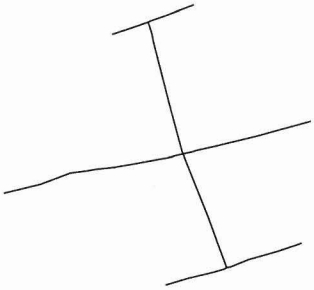
1 BARREL BOX CULVERT

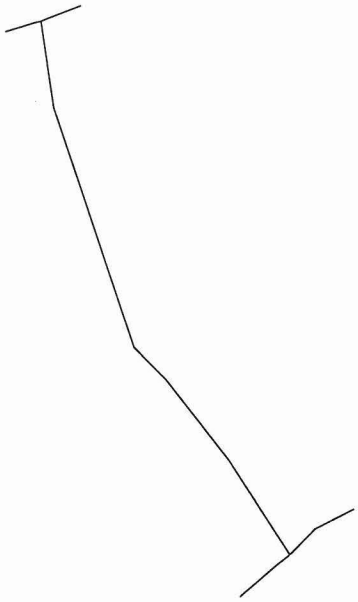
PLAN VIEW



SOUTH FACE
EAST BOUND







40

W&C

Sta. 4786+40.00

Structure #40
Station 4786+40.00

(North of I-10)
2041,914185.8800,371450.2890,1222.4490,BREAKLINE
2042,914177.9060,371441.7260,1223.1900,BREAKLINE
2043,914172.0740,371432.0150,1223.8590,BREAKLINE
2044,914168.1910,371423.7990,1224.5520,BREAKLINE
2045,914168.0400,371420.6760,1224.7170,BREAKLINE
2046,914168.0450,371420.8930,1224.7350,TOP OF OPENING
2047,914166.6700,371417.3640,1224.7240,BREAKLINE
2048,914164.5690,371407.3410,1225.5440,BREAKLINE
2049,914164.5490,371397.3720,1225.7840,BREAKLINE
2050,914168.2470,371420.6670,1221.5790,RCP
2051,914172.8230,371419.3690,1221.5520,FL ES
2052,914198.0760,371403.6380,1222.8450,DITCH FLOWLINE
2053,914218.1620,371379.5190,1223.5190,DITCH FLOWLINE
2054,914215.4730,371352.7730,1223.7970,BREAKLINE
2055,914220.7890,371358.5730,1223.7580,BREAKLINE
2056,914229.1940,371370.0560,1223.4150,BREAKLINE
2057,914232.0970,371380.5740,1223.6830,BREAKLINE
2058,914168.1610,371506.5630,1223.8810,BREAKLINE
2059,914177.2140,371507.5150,1223.8550,BREAKLINE
2060,914186.1060,371512.9990,1222.9450,BREAKLINE
2061,914192.6320,371517.4410,1224.1810,BREAKLINE
2062,914197.6440,371520.3900,1224.0120,BREAKLINE
2063,914184.4260,371517.9050,1223.0930,DITCH FLOWLINE
2064,914187.5470,371499.6980,1222.8220,DITCH FLOWLINE
2065,914187.6570,371469.1960,1222.2040,DITCH FLOWLINE
2066,914183.4020,371438.2130,1222.2690,DITCH FLOWLINE
2067,914176.4880,371420.7070,1221.2060,DITCH FLOWLINE

(Middle of I-10)
6019,913945.8650,371462.4620,1222.7860,BREAKLINE
6020,913948.7170,371472.1110,1222.0840,BREAKLINE
6021,913951.2910,371482.9750,1221.6140,BREAKLINE
6022,913952.6420,371487.7510,1221.1510,BREAKLINE
6023,913953.4110,371489.0800,1217.8830,RCP
6024,913953.1430,371489.1790,1221.0600,TOP OF OPENING
6025,913953.6240,371490.6310,1220.9810,BREAKLINE
6026,913956.7430,371498.2570,1221.3660,BREAKLINE
6027,913960.4000,371511.2980,1221.3990,BREAKLINE
6028,913963.8210,371521.3530,1221.2490,BREAKLINE
6029,913957.6050,371487.3740,1218.0490,FL ES
6030,914016.5150,371525.2230,1221.5780,BREAKLINE
6031,914010.1180,371501.6870,1221.1230,BREAKLINE
6032,914005.8280,371483.7830,1220.9710,BREAKLINE
6033,914004.0080,371475.4960,1220.2790,BREAKLINE
6034,914003.5130,371474.2320,1219.6170,BREAKLINE
6035,914002.6800,371470.3830,1219.3080,BREAKLINE
6036,914001.8020,371466.4560,1219.4930,BREAKLINE
6037,914001.1700,371464.4620,1220.1550,BREAKLINE
6038,913998.2390,371448.0740,1220.9090,BREAKLINE
6039,913996.8190,371439.4700,1220.9720,BREAKLINE
6040,913996.1230,371432.4190,1218.4330,BREAKLINE
6041,913995.4130,371428.1940,1218.4420,BREAKLINE
6042,913994.4300,371420.9420,1220.4630,BREAKLINE
6043,913989.5190,371407.7790,1221.0600,BREAKLINE
6044,913985.8440,371392.3770,1221.1560,BREAKLINE
13050,914054.5020,371439.0740,1221.3420,BREAKLINE
13051,914057.1560,371447.3420,1221.6100,BREAKLINE
13052,914059.4420,371453.8110,1222.7180,BREAKLINE
13053,914059.6920,371454.6730,1219.7110,BREAKLINE
13054,914059.8960,371454.6770,1222.8300,TOP OF OPENING

13055,914060.1080,371455.5360,1222.5620,BREAKLINE
13056,914062.2760,371461.6790,1223.7040,BREAKLINE
13057,914067.0750,371474.5070,1224.6270,BREAKLINE
13058,914055.1410,371456.2050,1219.6570,FL DITCH
13059,914055.0500,371456.2570,1219.4090,FL DITCH
13060,914051.6020,371456.9240,1219.2040,FL DITCH
13061,914025.7440,371463.5260,1219.3210,FL DITCH
13062,914003.6640,371469.5600,1218.9970,FL DITCH
13063,913976.3760,371480.4550,1218.8540,FL DITCH
13064,913957.8150,371487.3030,1218.0390,FL DITCH
13065,913953.1600,371489.0260,1217.6380,FL DITCH

(South of I-10)
11697,913826.1760,371511.8730,1218.4070,BREAKLINE
11698,913829.9580,371524.1730,1218.3920,BREAKLINE
11699,913830.6600,371527.1050,1215.4170,BREAKLINE
11700,913830.9080,371527.1900,1218.5530,TOP OF OPENING
11701,913831.6470,371529.4280,1218.2320,BREAKLINE
11702,913837.3260,371544.3300,1220.0310,BREAKLINE
11703,913825.4530,371528.1870,1215.4680,FL ES
11704,913793.2040,371532.5640,1215.9280,FL DITCH
11705,913689.6460,371567.2240,1215.4620,FL DITCH
11706,913675.6500,371581.1330,1214.0890,FL DITCH
11707,913640.3540,371608.6700,1213.9100,FL DITCH
11708,913581.9450,371613.0600,1216.8260,BREAKLINE
11709,913595.3520,371628.7460,1215.8580,BREAKLINE
11710,913599.4240,371633.9970,1213.7760,BREAKLINE
11711,913600.2010,371634.7450,1213.4790,BREAKLINE
11712,913600.8540,371635.6130,1213.6870,BREAKLINE
11713,913611.2080,371645.8110,1216.3790,BREAKLINE
11714,913619.7630,371662.6680,1215.7270,BREAKLINE

40 EB SS @ 200'

40 EB SS close

40 WB NS @ 200'

40 WB NS Close

40 EB SS Median

40 WB NS Median

COMP.

CK.

DATE 10/16/07

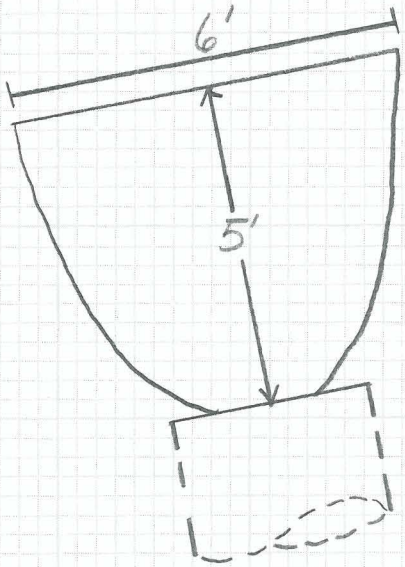
WILSON & COMPANY

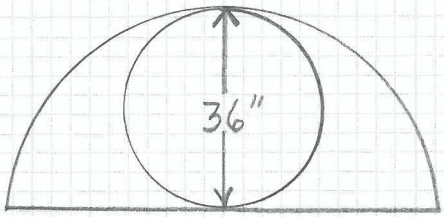
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #40
North Face
West Bound
CMP





COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-27-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 40

MEDIAN

M. BEJARANO

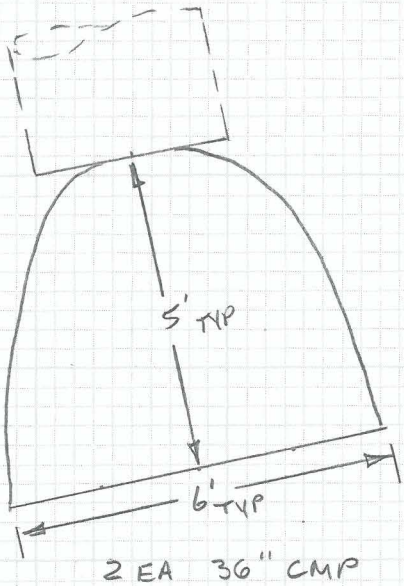
P D. ACOSTA

✓PICTURES

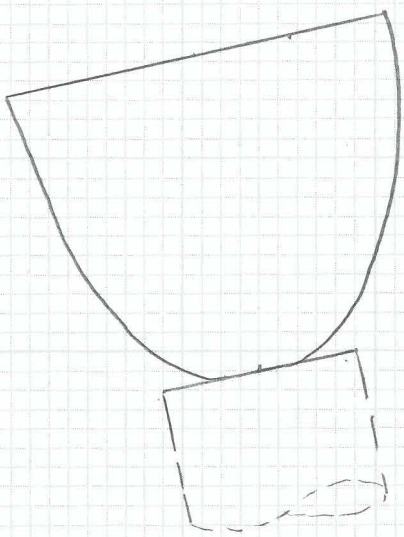
FACING NORTH 0-204 211

FACING SOUTH 0-203 210

WEST BOUND



2 EA 36" CMP



EASTBOUND

COMP.

CK.

DATE 11-08-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #40

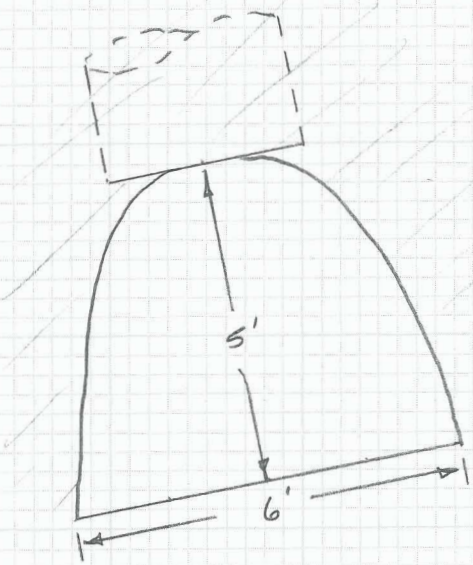
H. BEJARANO

D. ACOSTA

Pt Range - 11697 - 11714

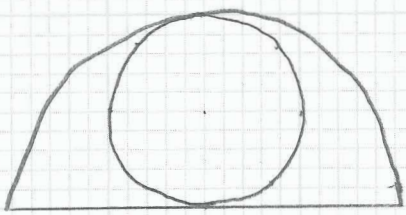
PICTURES

200'	0082	90
100'	0083	91
CLOSE	0084	92



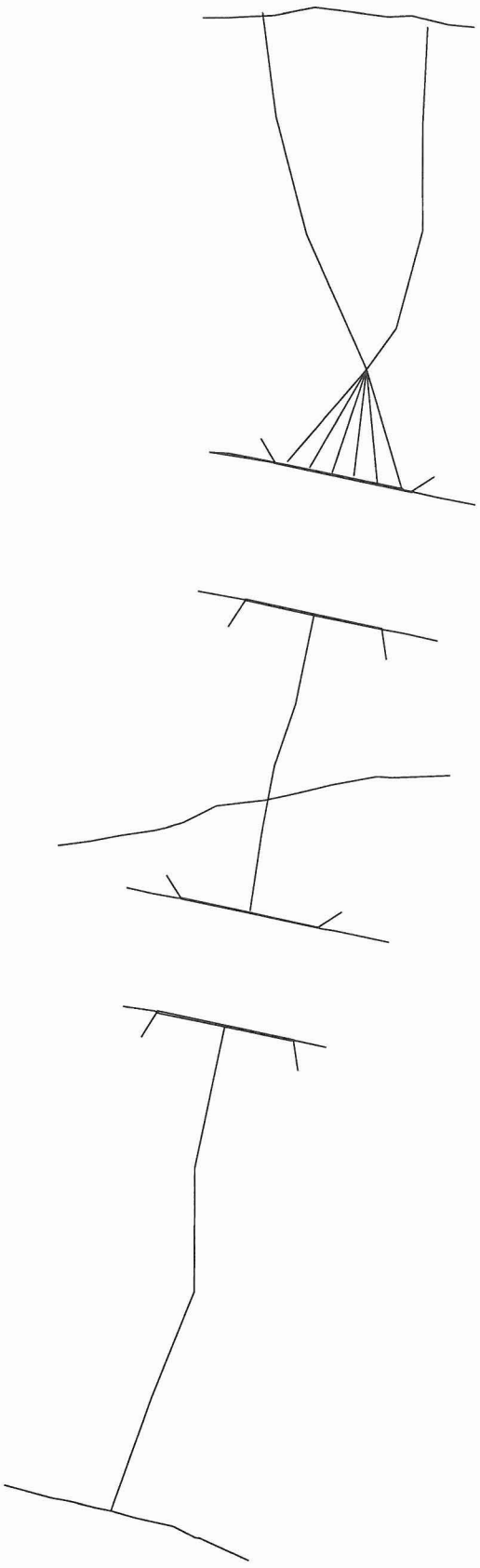
1 EA. 36" CMP

PLAN VIEW



SOUTH FACE

EAST BOUND



41

W&C

Sta. 4789+42.00 to
4790+07.83

Structure #41
Station 4789+42.00 to 4790+07.83

(North of I-10)
2188,914044.0560,371942.5530,1224.5480,BREAKLINE
2189,914047.5750,371924.7220,1224.5860,BREAKLINE
2190,914050.2050,371913.3380,1224.4290,BREAKLINE
2191,914051.2290,371907.4760,1225.5110,TOP OF OPENING
2192,914053.6470,371896.7610,1225.5140,TOP OF OPENING
2193,914055.7620,371886.0130,1225.5450,TOP OF OPENING
2194,914057.9740,371875.7840,1225.5200,TOP OF OPENING
2195,914060.2550,371864.6850,1225.5150,TOP OF OPENING
2196,914062.4150,371854.7360,1225.4600,TOP OF OPENING
2197,914065.0150,371844.1590,1224.4050,BREAKLINE
2198,914068.1770,371827.7860,1224.9010,BREAKLINE
2199,914068.7470,371818.8480,1225.2100,BREAKLINE
2200,914075.0980,371842.5070,1222.6560,WINGWALL
2201,914063.9700,371849.1380,1224.4320,WINGWALL
2202,914063.6700,371848.7250,1225.4800,HEADWALL
2203,914049.9350,371912.8550,1225.5070,HEADWALL
2204,914050.3110,371912.5040,1224.4530,WINGWALL
2205,914057.2270,371923.2960,1222.7360,WINGWALL
2206,914057.4540,371923.5410,1222.1540,SPOT
2207,914051.3970,371907.5870,1218.9900,RCP
2208,914054.1200,371896.1700,1218.8990,RCP
2209,914056.1990,371886.1960,1218.8460,RCP
2210,914058.4260,371875.9050,1218.6390,RCP
2211,914057.3500,371881.0120,1218.5450,FL ES
2212,914060.6820,371865.1960,1218.4420,RCP
2213,914062.9600,371854.4220,1218.4440,RCP
2214,914062.9620,371854.3680,1218.4590,FL ES
2215,914062.9850,371854.2870,1218.4400,BREAKLINE
2216,914058.9880,371873.5960,1218.3410,BREAKLINE
2217,914054.1410,371896.9170,1218.9360,BREAKLINE
2218,914051.5890,371908.7500,1218.9920,BREAKLINE
2219,914051.9470,371908.0220,1218.9680,DITCH FLOWLINE
2220,914054.2180,371896.7140,1219.1580,DITCH FLOWLINE
2221,914057.6860,371885.7710,1218.8250,DITCH FLOWLINE
2222,914059.1830,371875.6800,1218.6770,DITCH FLOWLINE
2223,914061.5810,371865.2140,1218.4620,DITCH FLOWLINE
2224,914064.4200,371854.8980,1218.4130,DITCH FLOWLINE
2225,914107.2440,371891.5610,1219.6850,DITCH FLOWLINE
2226,914169.9770,371863.5130,1220.5780,DITCH FLOWLINE
2227,914224.8610,371849.0080,1221.5060,DITCH FLOWLINE
2228,914273.6660,371842.5690,1221.4910,DITCH FLOWLINE
2229,914271.3790,371814.9310,1223.0750,BREAKLINE
2230,914271.3290,371826.5670,1222.5280,BREAKLINE
2231,914272.4440,371847.9140,1221.5390,BREAKLINE
2232,914276.1370,371866.8810,1222.4120,BREAKLINE
2233,914273.8080,371885.4800,1223.0400,BREAKLINE
2234,914271.7210,371900.9590,1222.6960,BREAKLINE
2235,914272.2810,371911.7740,1220.8030,BREAKLINE
2236,914268.0310,371929.1860,1221.3470,BREAKLINE
2237,914266.8310,371941.5160,1221.9610,BREAKLINE
2238,914266.9920,371919.3920,1220.6720,DITCH FLOWLINE
2239,914220.1050,371917.2400,1220.4590,DITCH FLOWLINE
2240,914171.6170,371917.4110,1220.0420,DITCH FLOWLINE
2241,914126.3440,371905.2590,1219.8070,DITCH FLOWLINE

(Middle of I-10)
5984,913840.7610,371902.4780,1223.1260,BREAKLINE
5985,913843.7310,371888.8800,1222.9670,BREAKLINE
5986,913846.2790,371876.7000,1222.9420,BREAKLINE
5987,913854.9360,371880.5310,1221.2430,WINGWALL

5988,913847.8250,371869.5760,1222.9940,WINGWALL
5989,913847.2330,371870.4740,1223.1010,BREAKLINE
5990,913847.8370,371869.2230,1218.1550,BREAKLINE
5991,913861.5230,371806.4880,1217.0200,BREAKLINE
5992,913861.1650,371805.6300,1223.9940,HEADWALL
5993,913854.2950,371837.9610,1224.0110,HEADWALL
5994,913847.4860,371869.7800,1223.9950,HEADWALL
5995,913848.8250,371864.3430,1221.9590,TOP OF OPENING
5996,913851.0600,371854.1560,1221.9940,TOP OF OPENING
5997,913853.3380,371843.2490,1221.9790,TOP OF OPENING
5998,913855.7230,371832.5760,1221.9500,TOP OF OPENING
5999,913857.8870,371822.1280,1221.9830,TOP OF OPENING
6000,913860.0280,371812.0610,1221.9780,TOP OF OPENING
6001,913861.3310,371805.9330,1222.9610,WINGWALL
6002,913872.0730,371799.1090,1221.3070,WINGWALL
6003,913861.4760,371804.3110,1222.9500,BREAKLINE
6004,913863.5990,371792.7690,1223.3650,BREAKLINE
6005,913866.3540,371780.5720,1223.2220,BREAKLINE
6006,913886.0970,371748.4220,1221.9600,BREAKLINE
6007,913888.0490,371763.6020,1221.0480,BREAKLINE
6008,913890.5870,371777.1560,1220.4520,BREAKLINE
6009,913892.9320,371793.3790,1220.4220,BREAKLINE
6010,913894.1460,371798.6400,1219.1910,BREAKLINE
6011,913896.4560,371806.7510,1218.2850,BREAKLINE
6012,913904.1720,371822.1810,1217.7330,BREAKLINE
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6016,913917.8110,371896.9330,1222.1540,BREAKLINE
6017,913917.2550,371903.7840,1223.5050,BREAKLINE
6018,913918.1950,371931.0870,1221.8700,BREAKLINE
13023,913980.7730,371925.0310,1224.2580,BREAKLINE
13024,913984.2380,371909.8140,1224.2740,BREAKLINE
13025,913986.1290,371899.6380,1223.8220,BREAKLINE
13026,913986.4680,371898.9960,1223.7730,WINGWALL
13027,913972.2320,371901.0620,1221.3130,WINGWALL
13028,913986.6220,371899.2150,1224.8540,HEADWALL
13029,913989.9850,371883.4770,1224.8510,HEADWALL
13030,913994.6630,371862.0390,1224.9940,HEADWALL
13031,914000.3820,371835.5020,1224.9560,HEADWALL
13032,914000.0570,371835.7410,1223.9690,WINGWALL
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13035,913994.2040,371862.0900,1222.7910,TOP OF OPENING
13036,913992.0070,371872.8630,1222.8760,TOP OF OPENING
13037,913989.8310,371883.4170,1222.8720,TOP OF OPENING
13038,913987.6760,371893.7110,1222.8870,TOP OF OPENING
13039,913986.3810,371898.3500,1218.5590,BREAKLINE
13040,913992.7790,371867.4050,1217.9820,BREAKLINE
13041,913999.6870,371836.0530,1218.1490,BREAKLINE
13042,914004.4750,371817.2430,1224.4550,SPOT
13043,913987.4840,371827.5940,1224.2120,WINGWALL
13044,914000.1410,371834.9890,1223.8910,BREAKLINE
13045,914004.0890,371813.5580,1224.5050,BREAKLINE
13046,913951.7360,371859.0390,1218.1490,FL DITCH
13047,913923.0720,371849.2070,1217.9750,FL DITCH
13048,913891.4990,371843.1900,1217.5290,FL DITCH
13049,913855.4080,371837.8610,1217.3190,FL DITCH

(South of I-10)
11715,913796.9820,371787.3290,1220.1620,WINGWALL
11716,913808.9370,371794.8980,1222.5860,WINGWALL
11717,913809.2540,371794.6460,1223.4760,HEADWALL
11718,913804.9260,371814.4390,1223.4870,HEADWALL
11719,913799.4260,371840.0090,1223.4900,HEADWALL
11720,913795.5270,371858.5630,1223.4070,HEADWALL

11721,913795.3820,371858.0740,1222.3750,WINGWALL
11722,913781.2100,371860.1810,1219.9970,WINGWALL
11723,913792.1020,371873.3170,1222.4400,BREAKLINE
11724,913795.2850,371858.7750,1222.4380,BREAKLINE
11725,913795.1130,371857.2550,1217.0560,BREAKLINE
11726,913801.6360,371826.0950,1216.7240,BREAKLINE
11727,913807.9710,371795.7330,1216.7900,BREAKLINE
11728,913809.1120,371793.6320,1222.4990,BREAKLINE
11729,913811.3000,371778.8600,1222.1880,BREAKLINE
11730,913807.6190,371800.5590,1221.6160,TOP OF OPENING
11731,913805.5290,371810.8590,1221.5420,TOP OF OPENING
11732,913803.3720,371821.0340,1221.4750,TOP OF OPENING
11733,913801.0500,371831.8080,1221.5800,TOP OF OPENING
11734,913798.7100,371842.4670,1221.5190,TOP OF OPENING
11735,913796.5840,371853.1780,1221.4760,TOP OF OPENING
11736,913736.2570,371812.1940,1215.0640,FL DITCH
11737,913678.6120,371811.8510,1214.4030,FL DITCH
11738,913630.2350,371792.2320,1213.8340,FL DITCH
11739,913589.1820,371723.2460,1217.1400,BREAKLINE
11740,913582.9000,371745.9480,1217.2070,BREAKLINE
11741,913582.4450,371749.1020,1215.9580,BREAKLINE
11742,913581.4750,371754.0240,1215.2390,BREAKLINE
11743,913578.4980,371765.8450,1214.5900,BREAKLINE
11744,913577.0950,371772.8830,1214.2490,FL DITCH
11745,913573.8600,371784.0580,1215.0320,BREAKLINE
11746,913569.8550,371801.8700,1214.8590,BREAKLINE
11747,913564.5240,371812.2260,1216.7670,BREAKLINE
11748,913564.3740,371814.0100,1217.8820,BREAKLINE
11749,913553.8740,371836.8500,1217.3780,BREAKLINE

41 EB SS @ 200'

41 EB SS Close

41 WB NS @200'

41 WB NS Close

41 WB NS Median

41 EB SS Median

COMP.

CK.

DATE 10-17-07

WILSON & COMPANY

LOC. TONOPAH, AZ FILE

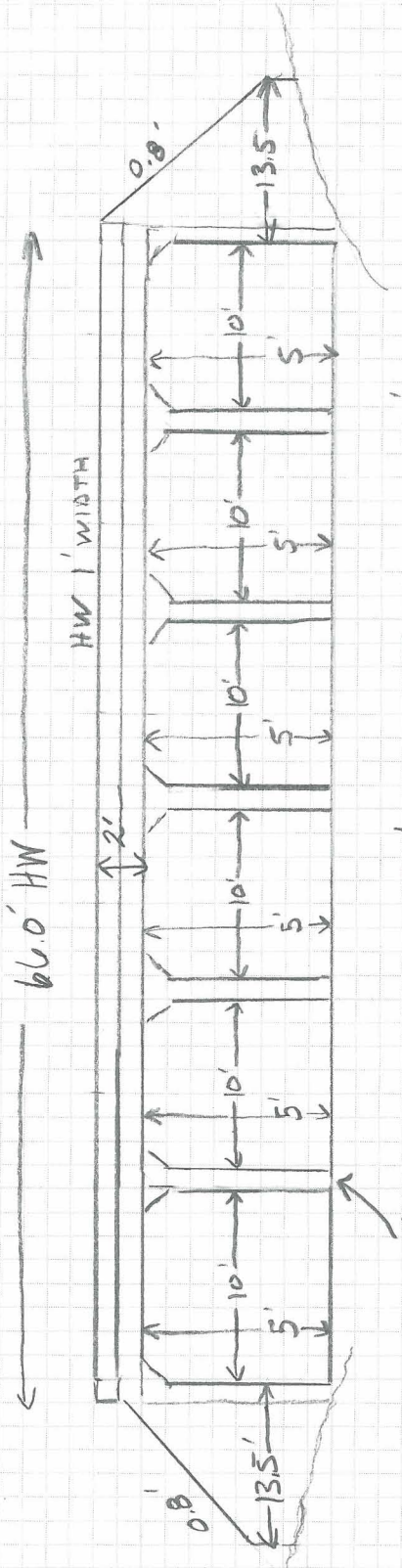
PROJ. J-10 SHEET

SUBJ. OF

SR / AJ
Structure #41
North Face
West Bound

PT RANGE # 2188 - 2241

PICS # 57-59



57 CLOSE 76'

58 200' DITCH FROM W.

150' DITCH FROM E.

RINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-27-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 41

MEDIAN

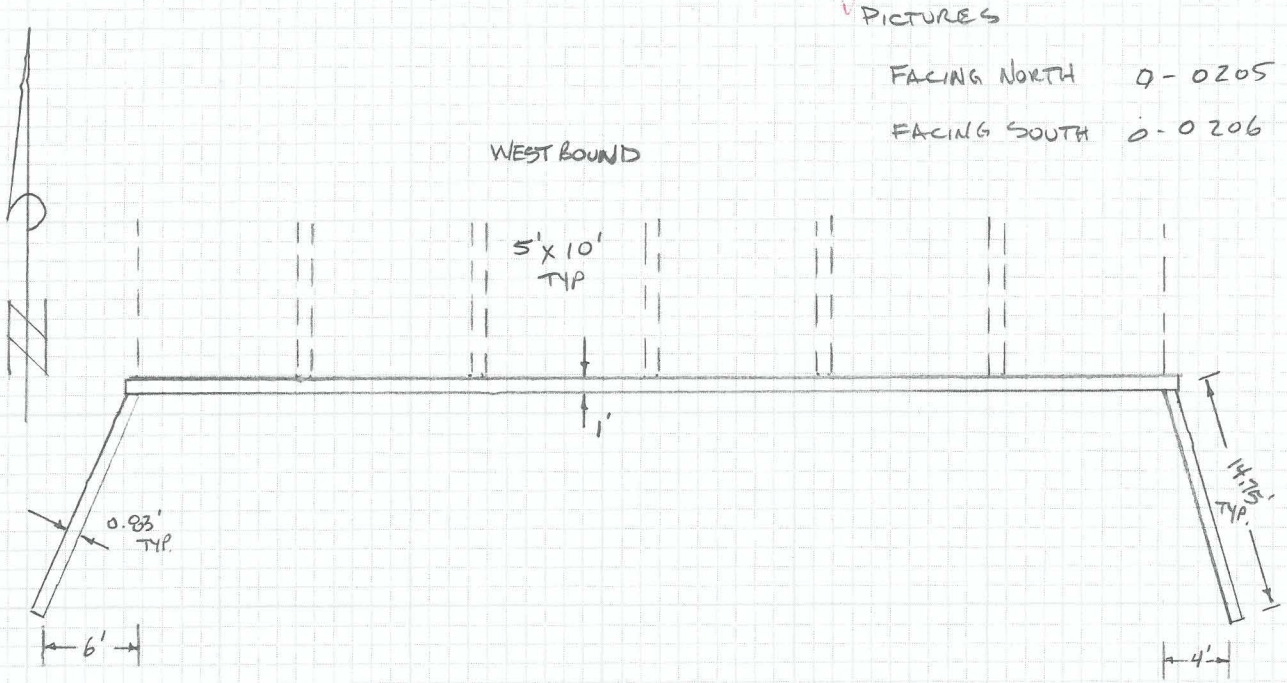
H. BELARANO

D. ACOSTA

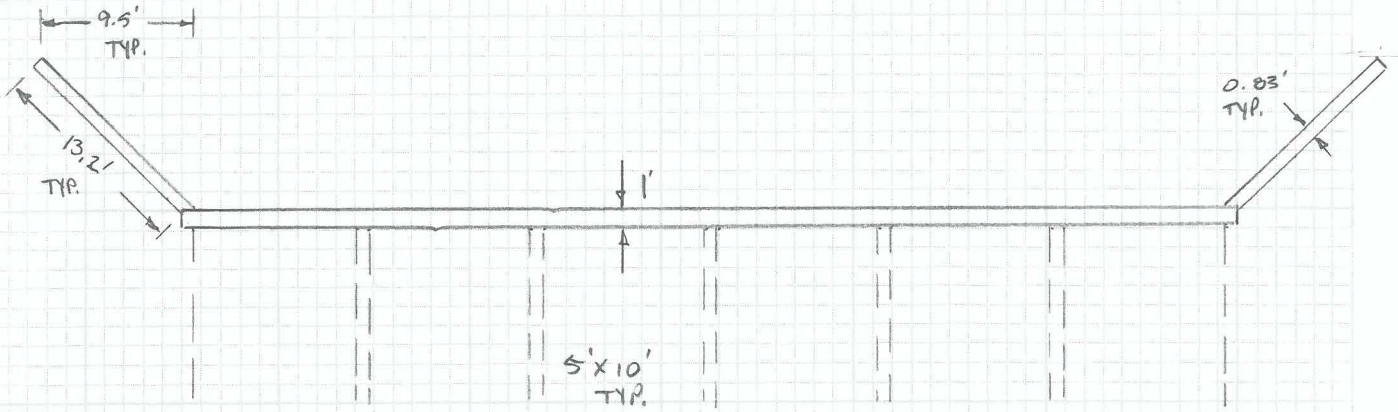
√ PICTURES

FACING NORTH 0-0205 212

FACING SOUTH 0-0206 213



2 EA. SIX BARREL BOX CULVERT



COMP. | LOC. | FILE

WILSON & COMPANY

CK. | PROJ. | SHEET

DATE 11-08-07 | SUBJ. | OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 41

H. BELARANO
D. ACOSTA

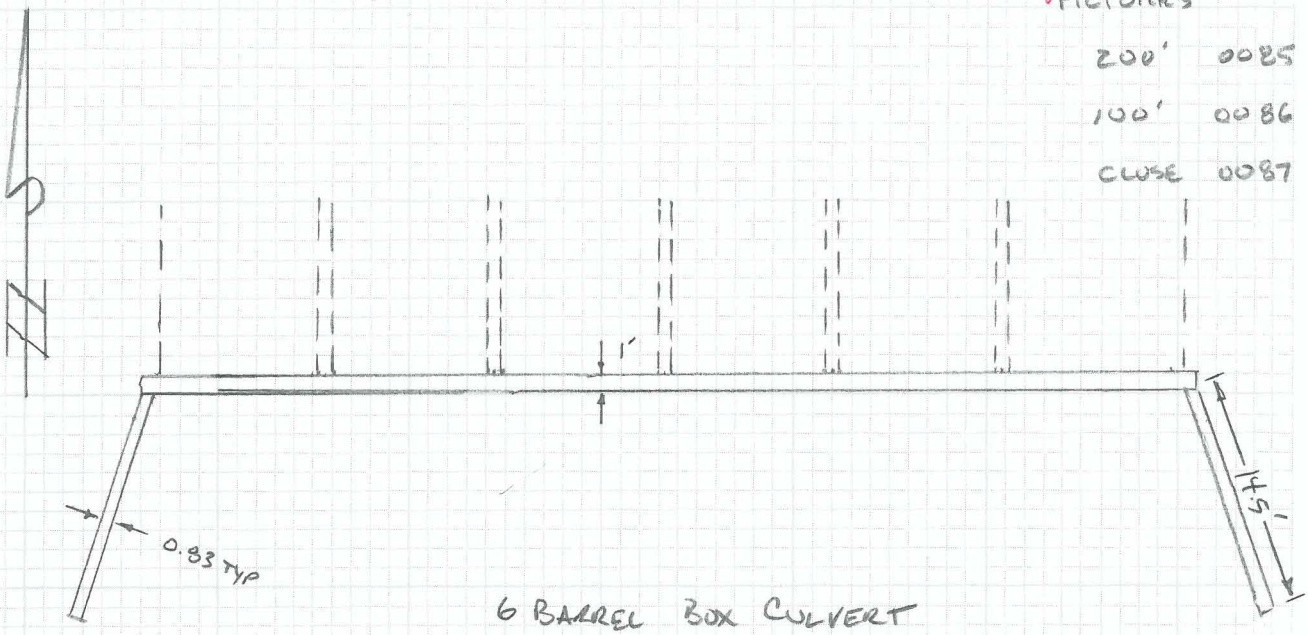
Pt Range - 11715 - 11749

✓ PICTURES

200' 0085 93

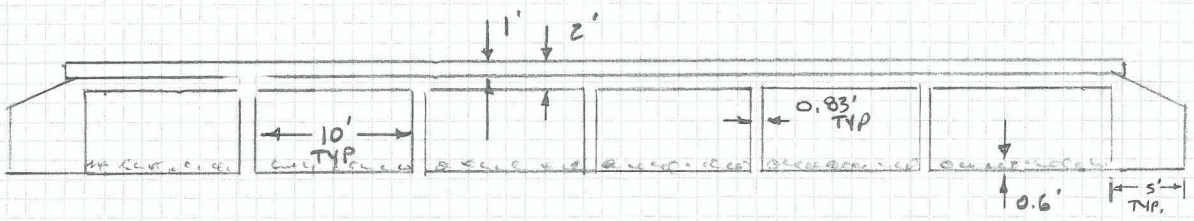
100' 0086 94

CLOSE 0087 95



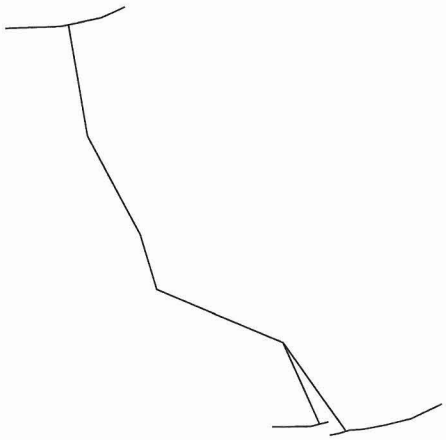
6 BARREL BOX CULVERT

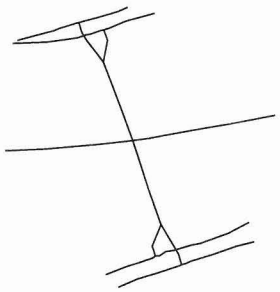
PLAN VIEW

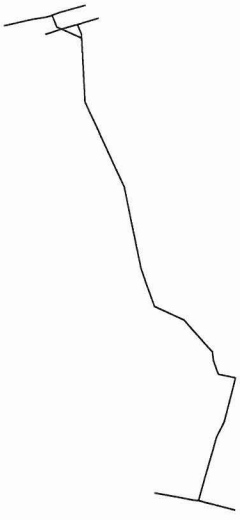


SOUTH FACE

EAST BOUND







42

W&C

Sta. 4802+00.00

Structure #42
Station 4802+00.00

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2016,913854.5360,372969.1600,1215.3240,BREAKLINE
2017,913852.6270,372959.2440,1215.9220,BREAKLINE
2018,913852.3130,372953.6590,1216.8220,BREAKLINE
2019,913852.1600,372951.5910,1216.9510,TOP OF OPENING
2020,913850.8960,372949.0220,1217.4850,BREAKLINE
2021,913850.1020,372945.0570,1218.0100,BREAKLINE
2022,913855.8280,372944.2670,1215.8030,BREAKLINE
2023,913855.3560,372940.4740,1217.1400,TOP OF OPENING
2024,913853.9370,372936.7270,1217.3410,BREAKLINE
2025,913853.7090,372920.0390,1217.3980,BREAKLINE
2026,913855.2610,372940.4130,1213.9870,RCP
2027,913859.9090,372939.0550,1214.0170,FL ES
2029,913852.2990,372951.6270,1213.9100,RCP
2030,913856.9250,372950.2970,1213.9550,FL ES
2031,913890.3210,372924.4690,1214.8630,DITCH FLOWLINE
2032,913890.4720,372924.4180,1214.8640,DITCH FLOWLINE
2033,913913.3920,372869.6830,1215.7440,DITCH FLOWLINE
2034,913937.0240,372862.5190,1215.7570,DITCH FLOWLINE
2035,913980.0210,372839.3000,1216.0730,DITCH FLOWLINE
2036,914028.6370,372830.7940,1216.3000,DITCH FLOWLINE
2037,914035.9710,372855.3290,1216.2630,BREAKLINE
2038,914031.2870,372844.9540,1216.1860,BREAKLINE
2039,914027.7190,372827.4390,1216.3330,BREAKLINE
2040,914026.9190,372803.2160,1218.3400,BREAKLINE

(Middle of I-10)
6045,913633.9180,373056.0240,1215.8800,BREAKLINE
6046,913631.9480,373048.0990,1214.9680,BREAKLINE
6047,913628.5180,373038.2640,1214.5140,BREAKLINE
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6049,913625.6370,373028.6740,1215.2730,BREAKLINE
6050,913624.5460,373026.2360,1215.2970,BREAKLINE
6051,913624.1200,373024.5420,1212.1670,RCP
6052,913623.9210,373024.6750,1215.3820,TOP OF OPENING
6053,913623.5370,373023.3790,1215.4730,BREAKLINE
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6066,913632.4610,373028.4260,1213.1520,BREAKLINE
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6068,913632.2550,373011.5700,1212.1550,FL ES
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13087,913733.4710,372996.8310,1216.8020,BREAKLINE
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(South of I-10)
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11753,913512.4240,373048.9000,1214.1480,BREAKLINE
11754,913512.8140,373049.8450,1211.1210,BREAKLINE
11755,913513.0320,373049.9490,1214.2610,TOP OF OPENING
11756,913513.2040,373050.9010,1214.2220,BREAKLINE
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11758,913514.0780,373053.3320,1214.9650,BREAKLINE
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11760,913511.5070,373069.9420,1214.1510,BREAKLINE
11761,913509.1160,373062.0730,1214.2300,BREAKLINE
11762,913508.7340,373060.8510,1211.2960,BREAKLINE
11763,913508.9910,373060.9790,1214.3220,TOP OF OPENING
11764,913508.4680,373059.7130,1213.7760,BREAKLINE
11765,913506.9750,373054.4430,1210.7840,BREAKLINE
11766,913504.5540,373046.9720,1211.1520,BREAKLINE
11767,913508.3820,373051.6330,1211.1020,FL DITCH
11768,913507.6550,373051.9940,1210.7030,FL DITCH
11769,913504.4600,373062.6010,1211.0380,FL DITCH
11770,913502.8950,373062.6490,1210.9020,FL DITCH
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11776,913438.5220,373081.0430,1211.6920,FL DITCH

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11779,913381.0000,373106.8920,1211.1020,FL DITCH
11780,913367.2470,373119.1900,1210.9410,FL DITCH
11781,913363.2130,373119.7080,1210.5360,FL DITCH
11782,913357.5620,373121.8060,1210.5210,FL DITCH
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11784,913337.0120,373124.3220,1210.3590,FL DITCH
11785,913330.5400,373120.9380,1210.0790,FL DITCH
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42 EB SS @ 200'

42 EB SS Close

42 WB NS @200'

42 WB NS Close

42 EB 33 Median

42 WB NS Median

COMP.

CK.

DATE 10/16/07

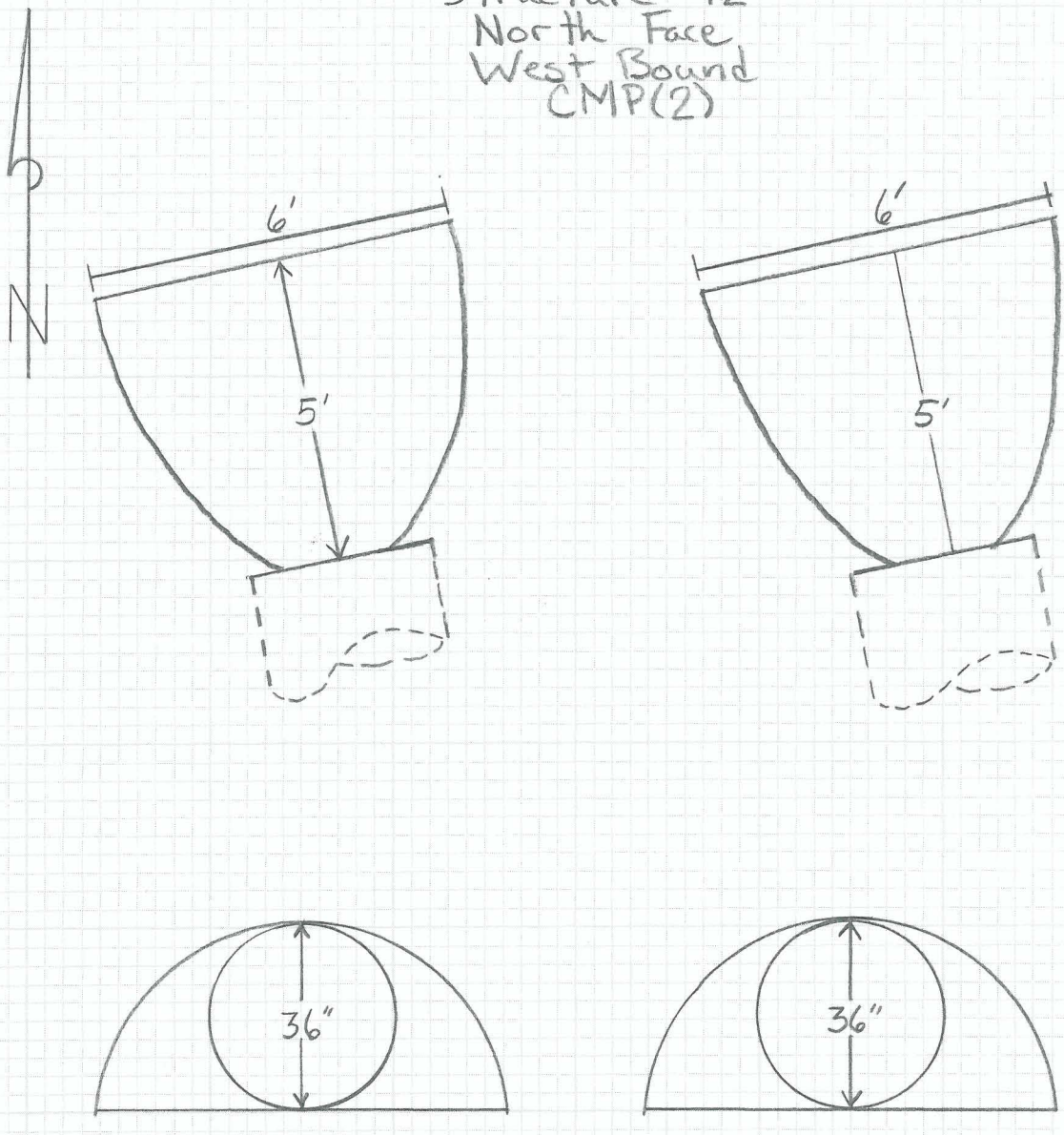
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #42
North Face
West Bound
CMP(2)



COMP.

CK.

DATE 11-27-07

WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 42

MEDIAN

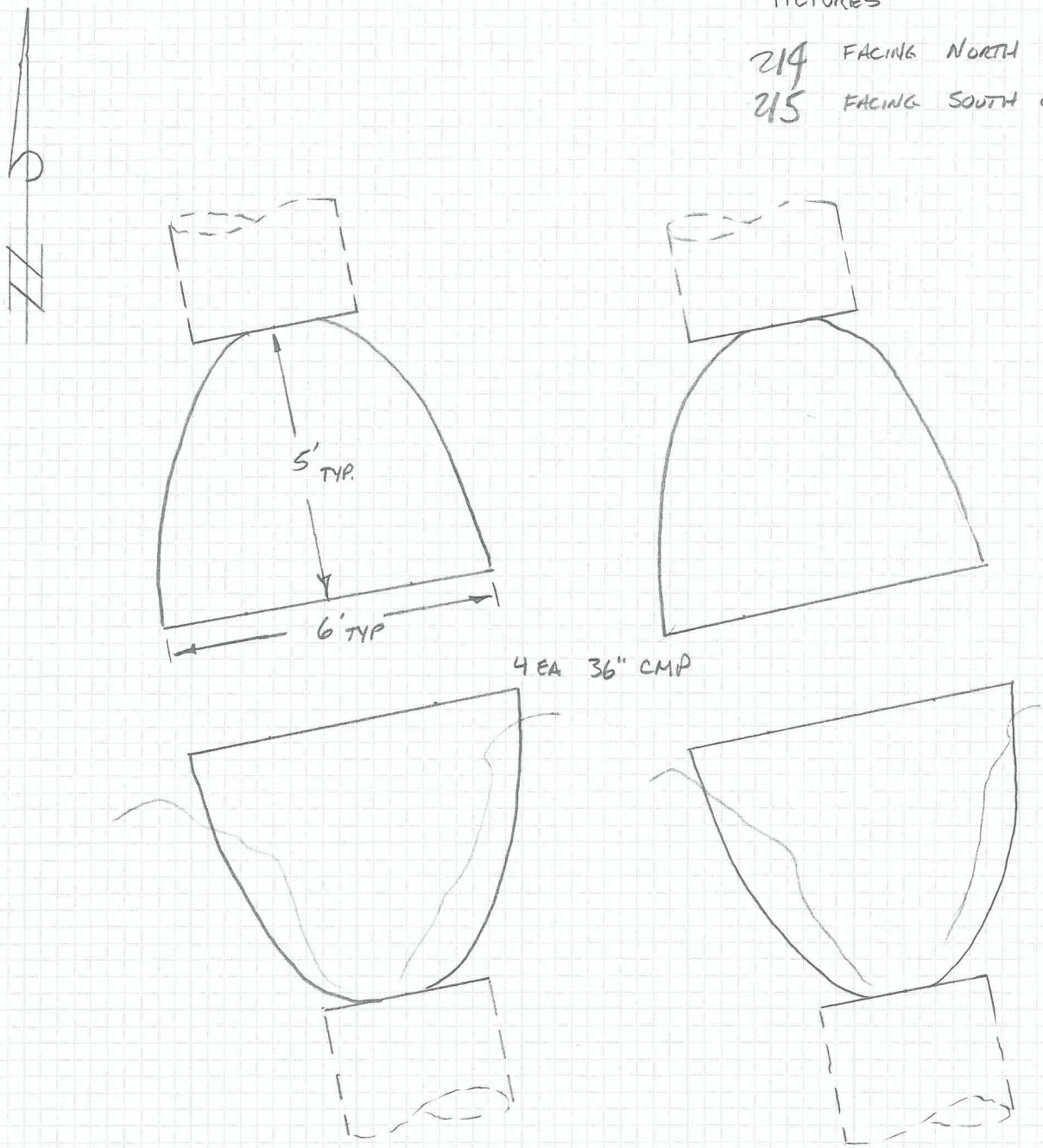
H. BEJARANO

D. ACOSTA

✓ PICTURES

214 FACING NORTH 0-0207

215 FACING SOUTH 0-0208



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-08-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

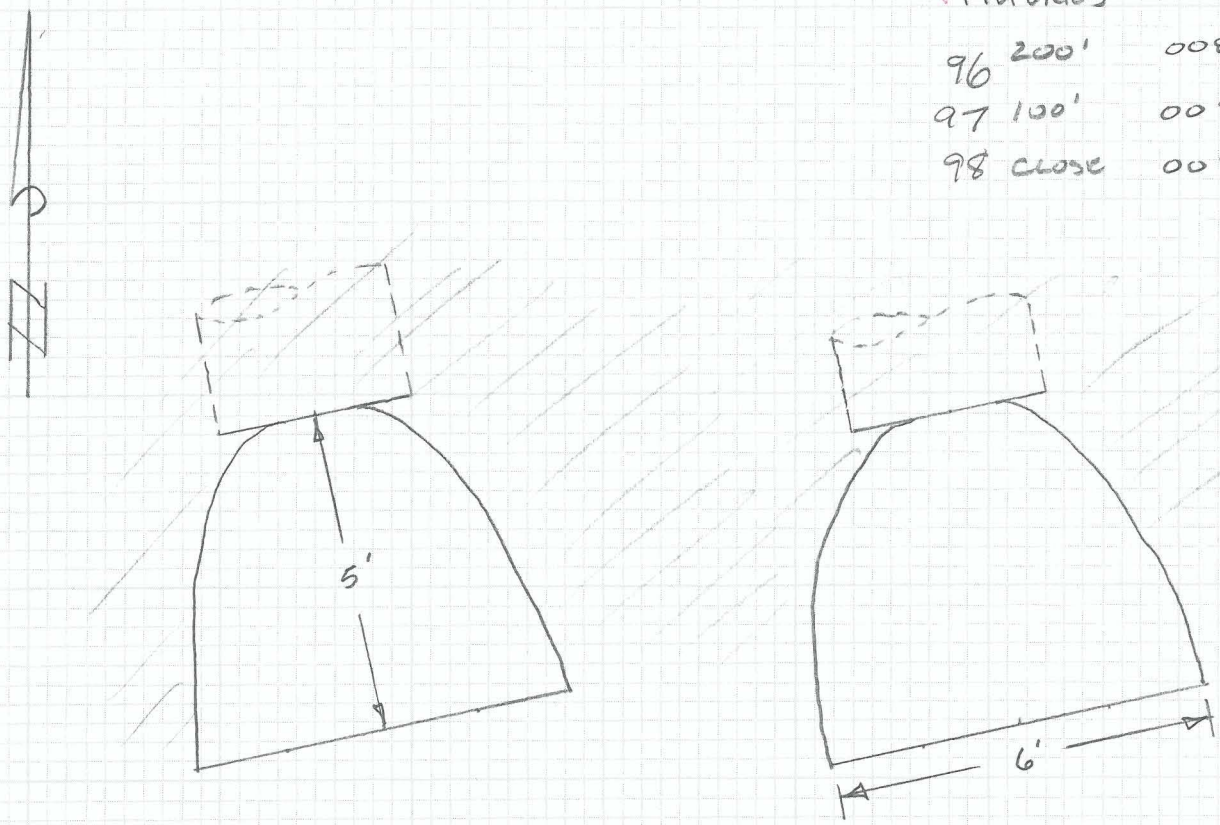
SURVEY DRAINAGE STRUCTURE # 42

BY H. BEJARANO & D. ACOSTA

Pt Range - 11750 - 11793

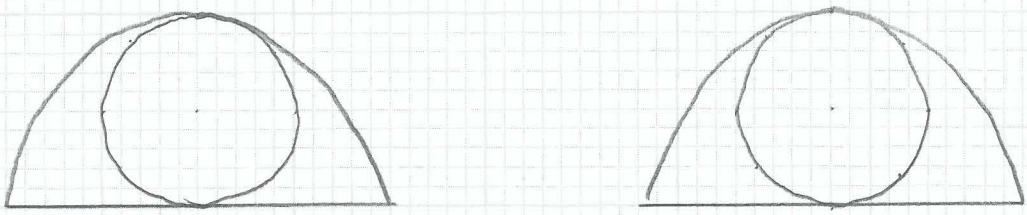
PICTURES

96	200'	0088
97	100'	0089
98	CLOSE	0090



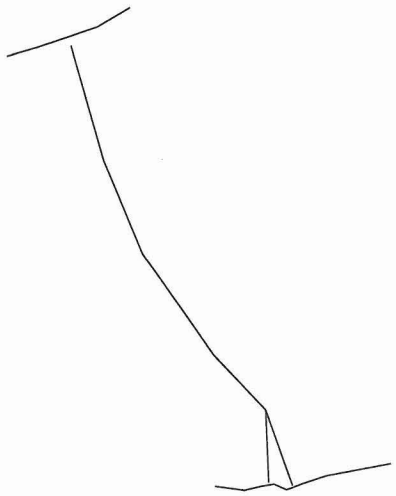
2 EA. 36" CMP

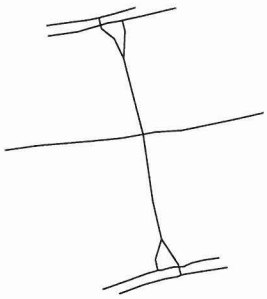
PLAN VIEW

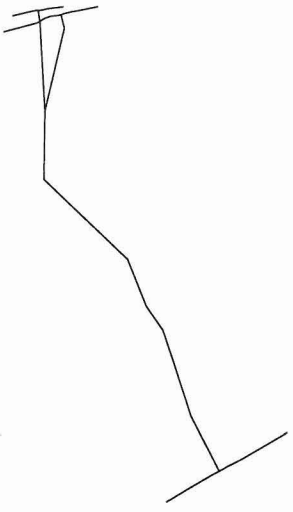


SOUTH FACE

EAST BOUND







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W&C

Sta. 4805+00.00

Structure #43
Station 4805+00.00

(North of I-10)
1989,913787.7810,373310.5520,1217.7610,BREAKLINE
1990,913785.3520,373297.4830,1216.4800,BREAKLINE
1991,913782.5680,373282.7830,1215.8390,BREAKLINE
1992,913779.0520,373272.2090,1216.8790,BREAKLINE
1993,913778.1150,373268.2380,1216.8440,TOP OF OPENING
1994,913776.5260,373265.5750,1217.4000,BREAKLINE
1995,913778.9680,373260.0090,1216.6130,BREAKLINE
1996,913779.3450,373257.9160,1216.8030,TOP OF OPENING
1997,913778.1070,373254.8970,1217.1810,BREAKLINE
1998,913776.3300,373247.1960,1217.4560,BREAKLINE
1999,913778.0520,373234.3970,1217.2590,BREAKLINE
2000,913778.3490,373268.0980,1213.7790,RCP
2001,913782.9470,373266.9330,1213.6860,FL ES
2002,913779.7200,373257.7980,1213.7450,RCP
2003,913784.2520,373257.1550,1213.7450,FL ES
2004,913811.1230,373256.4000,1214.1380,DITCH FLOWLINE
2005,913811.1820,373256.4090,1214.1330,DITCH FLOWLINE
2006,913834.8510,373233.8590,1215.8820,DITCH FLOWLINE
2007,913878.7970,373202.8320,1215.7760,DITCH FLOWLINE
2008,913919.2410,373185.7840,1215.8180,DITCH FLOWLINE
2009,913969.1580,373171.3910,1216.0580,DITCH FLOWLINE
2010,913985.6310,373196.9450,1216.3530,BREAKLINE
2011,913977.2320,373182.7080,1216.2360,BREAKLINE
2012,913968.7000,373157.3180,1216.0570,BREAKLINE
2013,913964.7240,373143.4880,1215.9460,BREAKLINE

(Middle of I-10)
6081,913552.7220,373284.4930,1215.5500,BREAKLINE
6082,913556.8300,373296.1890,1214.8470,BREAKLINE
6083,913559.7610,373304.2350,1214.2740,BREAKLINE
6084,913560.4900,373306.9610,1214.0370,BREAKLINE
6085,913561.0000,373308.5270,1210.8350,RCP
6086,913560.8660,373308.3380,1213.9150,TOP OF OPENING
6087,913560.9250,373310.0100,1213.8480,BREAKLINE
6088,913561.5970,373311.9090,1213.2020,BREAKLINE
6089,913562.3360,373315.2150,1211.1800,BREAKLINE
6090,913563.3130,373317.0980,1210.7890,FL ES
6091,913562.4620,373319.7660,1211.0450,BREAKLINE
6092,913563.0600,373320.6190,1212.2850,BREAKLINE
6093,913564.1200,373323.1590,1211.8030,BREAKLINE
6094,913565.3610,373328.5260,1214.4140,BREAKLINE
6095,913566.2690,373334.9490,1214.1760,BREAKLINE
6096,913562.0930,373338.5470,1214.5010,BREAKLINE
6097,913560.1410,373325.7560,1213.8800,BREAKLINE
6098,913559.2690,373320.3620,1213.8640,BREAKLINE
6099,913558.6900,373318.4580,1213.8150,TOP OF OPENING
6100,913558.7970,373318.3410,1210.5260,RCP
6101,913558.1400,373316.8080,1213.9180,BREAKLINE
6102,913557.2890,373311.7110,1214.6810,BREAKLINE
6103,913554.7920,373302.4520,1214.9970,BREAKLINE
6104,913550.8150,373291.6700,1215.5030,BREAKLINE
6105,913565.6150,373307.4110,1210.8100,FL ES
6106,913628.8720,373354.1920,1216.5540,BREAKLINE
6107,913625.9170,373340.9850,1216.7290,BREAKLINE
6108,913622.9240,373326.3720,1215.0670,BREAKLINE
6109,913621.3340,373318.5880,1214.2450,BREAKLINE
6110,913620.6510,373307.1110,1212.0490,BREAKLINE
6111,913619.7130,373302.0800,1211.4240,BREAKLINE
6112,913618.0750,373292.6880,1212.2770,BREAKLINE
6113,913616.8320,373280.2710,1214.1090,BREAKLINE

6114,913614.8580,373256.1770,1214.4540,BREAKLINE
6115,913612.8950,373242.0130,1214.1040,BREAKLINE
13103,913674.2950,373316.1360,1216.5800,BREAKLINE
13104,913670.7660,373301.2790,1215.6880,BREAKLINE
13105,913669.1440,373293.6830,1215.3180,BREAKLINE
13106,913669.1150,373292.7830,1215.4580,TOP OF OPENING
13107,913668.9390,373292.8370,1212.2840,BREAKLINE
13108,913668.6970,373291.9510,1215.1230,BREAKLINE
13109,913667.7820,373286.2770,1213.7890,BREAKLINE
13110,913667.4570,373285.4110,1212.0520,BREAKLINE
13111,913666.2510,373281.3950,1212.1260,BREAKLINE
13112,913666.0930,373280.7470,1213.3830,BREAKLINE
13113,913664.0180,373273.6210,1213.8260,BREAKLINE
13114,913662.1900,373260.7270,1214.0480,BREAKLINE
13115,913666.7250,373260.1600,1214.0410,BREAKLINE
13116,913668.3070,373271.6860,1214.2450,BREAKLINE
13117,913668.9540,373277.3680,1214.9200,BREAKLINE
13118,913669.9440,373282.1680,1214.9850,BREAKLINE
13119,913670.0460,373282.7760,1211.9460,BREAKLINE
13120,913670.2240,373282.8350,1214.9930,TOP OF OPENING
13121,913670.3130,373283.6420,1214.9420,BREAKLINE
13122,913671.8480,373289.4300,1216.0610,BREAKLINE
13123,913674.4850,373298.5020,1215.7460,BREAKLINE
13124,913664.3010,373294.0010,1212.0910,FL DITCH
13125,913663.9720,373294.0170,1211.9550,FL DITCH
13126,913665.4130,373283.8660,1212.1610,FL DITCH
13127,913660.8700,373289.4680,1211.5210,FL DITCH
13128,913652.3390,373293.4970,1211.5300,FL DITCH
13129,913619.6710,373301.9260,1211.1480,FL DITCH
13130,913590.4730,373306.1240,1210.9300,FL DITCH
13131,913574.4320,373309.9000,1210.7810,FL DITCH
13132,913565.6120,373307.2010,1210.8440,FL DITCH
13133,913560.8620,373308.2780,1210.2890,FL DITCH
13134,913563.3920,373317.1620,1210.2460,FL DITCH
13135,913558.7320,373318.3940,1210.0900,FL DITCH

(South of I-10)
11794,913452.7430,373321.1060,1212.2110,BREAKLINE
11795,913454.5090,373328.5880,1212.4040,BREAKLINE
11796,913455.0430,373331.3110,1212.8080,BREAKLINE
11797,913455.1110,373332.2210,1209.8980,BREAKLINE
11798,913455.3400,373332.2960,1212.7820,TOP OF OPENING
11799,913455.1980,373333.8910,1212.7260,BREAKLINE
11800,913455.7920,373336.3980,1213.3900,BREAKLINE
11801,913456.6000,373343.2370,1213.7290,BREAKLINE
11802,913456.6130,373358.1770,1213.2410,BREAKLINE
11803,913454.7060,373348.6190,1212.4340,BREAKLINE
11804,913454.5040,373347.0120,1212.9240,BREAKLINE
11805,913453.6020,373343.2820,1212.9200,BREAKLINE
11806,913453.1800,373342.1830,1209.8660,BREAKLINE
11807,913453.3800,373342.2050,1212.9460,TOP OF OPENING
11808,913452.8630,373341.0450,1212.5400,BREAKLINE
11809,913452.7340,373339.3780,1211.8890,BREAKLINE
11810,913452.4540,373337.4090,1211.1890,BREAKLINE
11811,913451.7520,373335.3660,1210.7610,BREAKLINE
11812,913451.3910,373334.6810,1210.2980,BREAKLINE
11813,913449.6470,373331.7970,1210.0400,BREAKLINE
11814,913445.8290,373317.3100,1211.7010,BREAKLINE
11815,913450.4540,373332.9470,1209.6990,FL DITCH
11816,913449.6540,373333.0360,1209.9970,FL DITCH
11817,913448.5670,373343.3620,1209.9720,FL DITCH
11818,913447.3520,373343.6530,1209.9610,FL DITCH
11819,913411.4380,373335.1500,1209.7510,FL DITCH
11820,913382.0430,373334.6950,1209.9470,FL DITCH
11821,913347.4870,373370.8480,1209.0150,FL DITCH
11822,913327.0480,373379.0400,1208.6270,FL DITCH

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11823,913316.8480,373386.1710,1208.3210,FL DITCH
11824,913279.6750,373398.4320,1208.2570,FL DITCH
11825,913242.6690,373387.4430,1209.4930,BREAKLINE
11826,913254.6330,373407.9040,1208.5510,BREAKLINE
11827,913255.5930,373409.9050,1208.3780,BREAKLINE
11828,913256.0100,373410.5830,1208.2550,FL DITCH
11829,913256.6070,373411.8860,1208.2860,BREAKLINE
11830,913257.9740,373414.0670,1208.7070,BREAKLINE
11831,913260.7980,373419.8160,1209.1510,BREAKLINE
11832,913272.5970,373440.2520,1209.5200,BREAKLINE
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43 EB SS @ 200'

43 EB SS Close

43 WB NS @ 200'

43 WB NS Close

43 WB NS Median

43 EB NS Median

COMP.

CK.

DATE 10/16/07

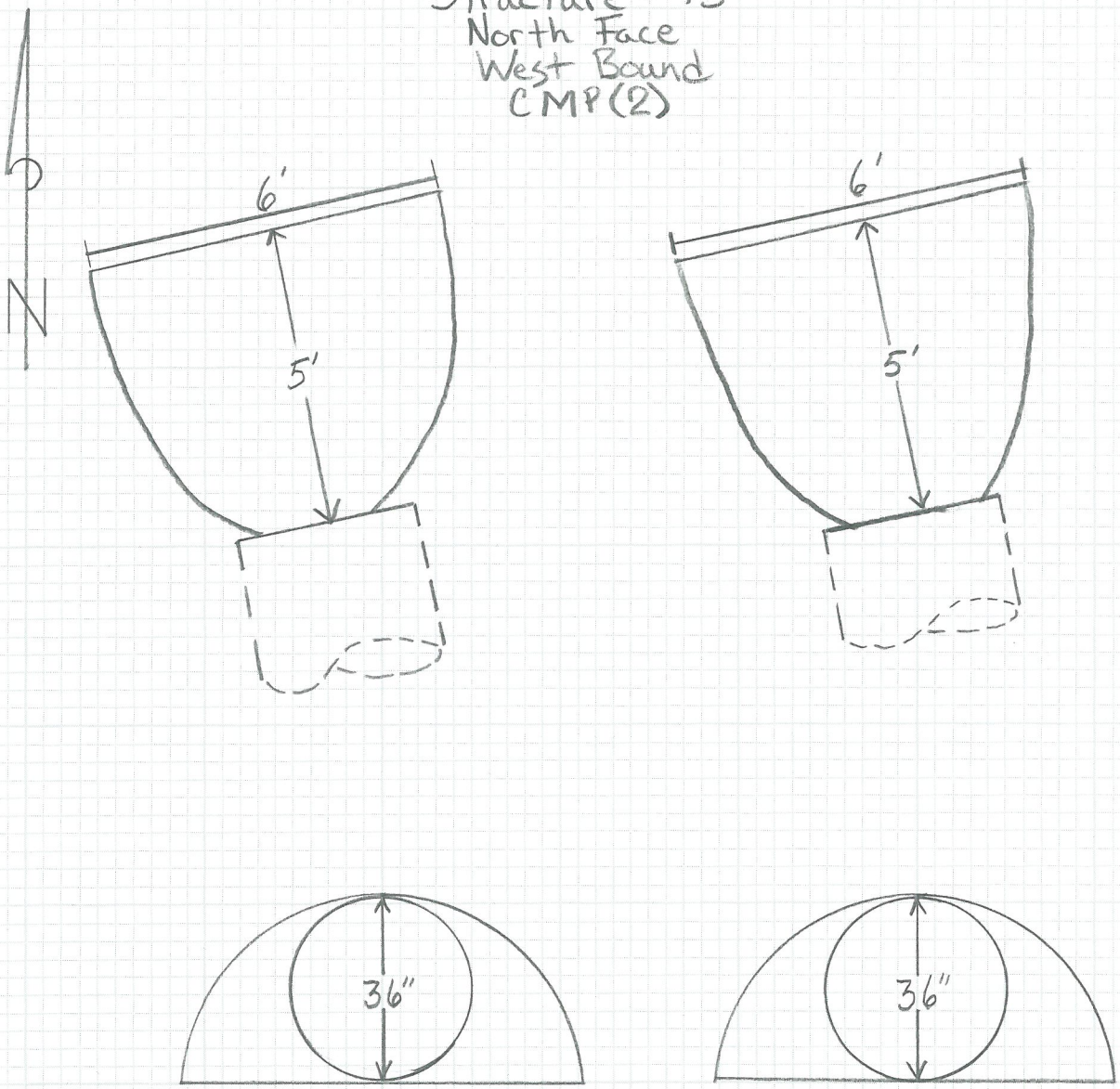
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure # 43
North Face
West Bound
CMP (2)



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-27-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #43

MEDIAN

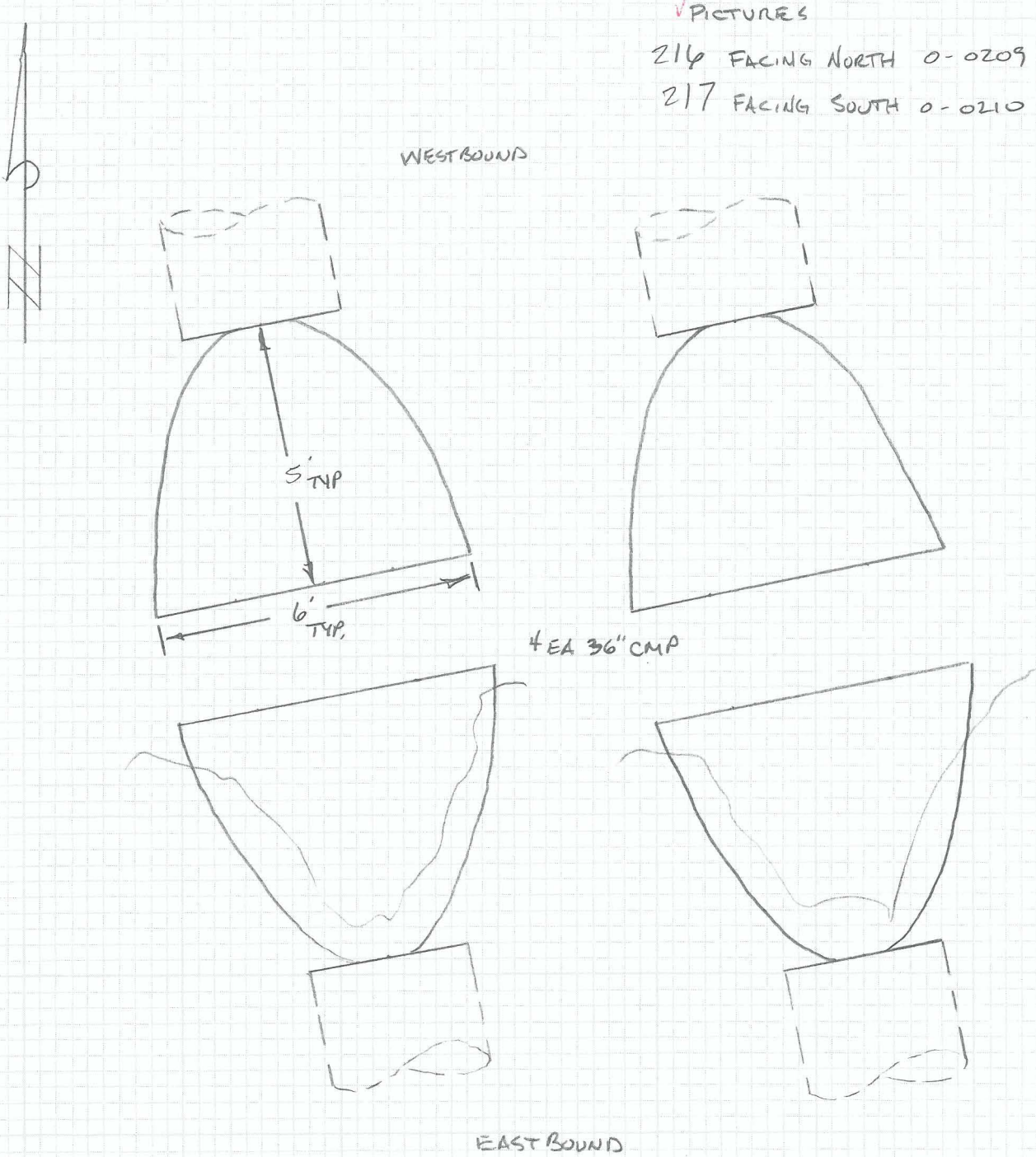
H. BEJARANO

D. ACOSTA

√ PICTURES

216 FACING NORTH 0-0209

217 FACING SOUTH 0-0210



COMP. | LOC. | FILE

WILSON & COMPANY

CK. | PROJ. | SHEET

DATE 11-08-07 | SUBJ. | OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 43

H. BEJARANO

D. ACOSTA

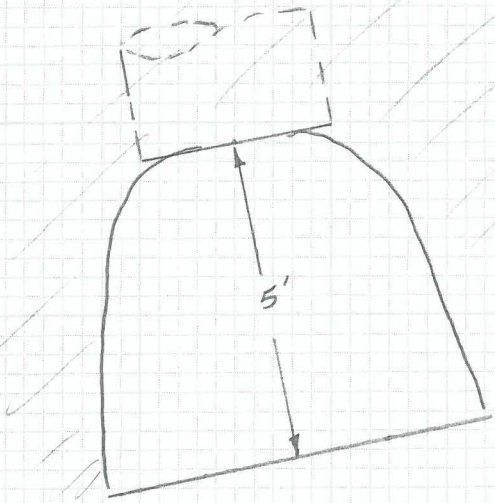
Pt Range - 11794 - 11832

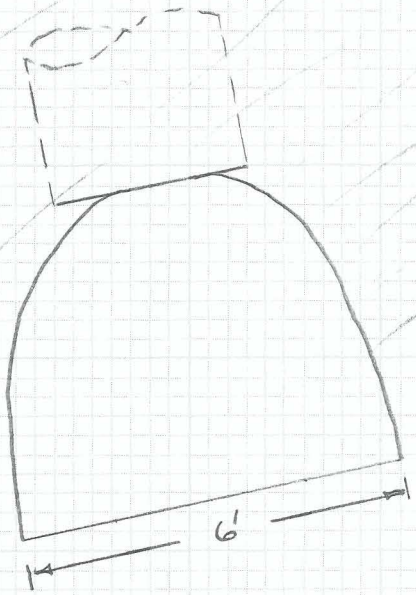
√ PICTURES

99 200' 0091

100 100' 0092

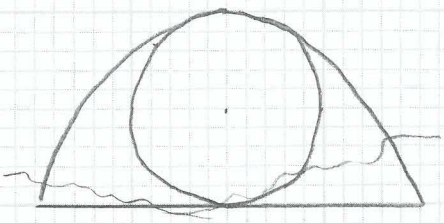
101 CLOSE 0093

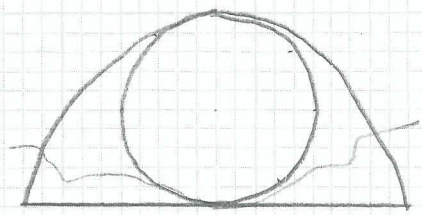




2 EA. 36" CMP

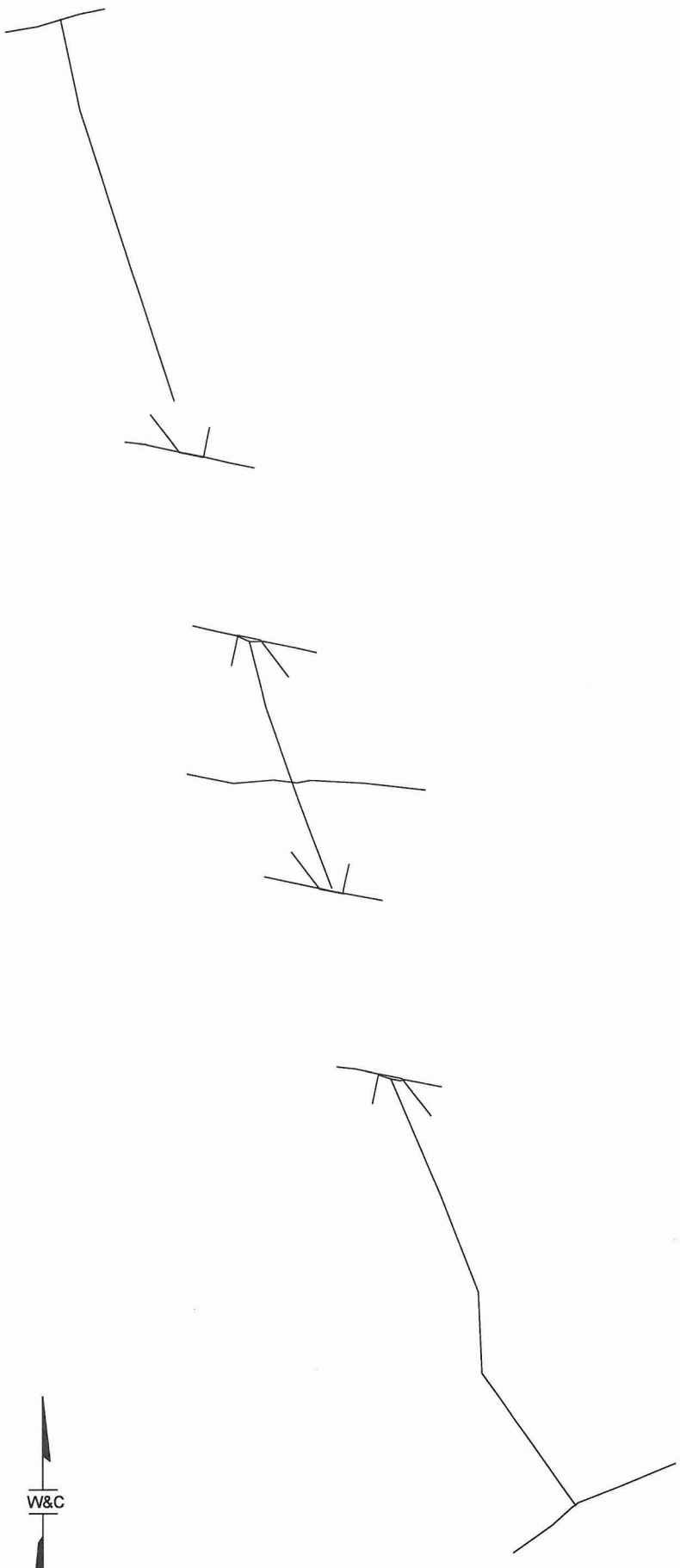
PLAN VIEW





SOUTH FACE

EAST BOUND



44

W&C

Sta. 4812+67.74

Structure #44
Station 4812+67.74

(North of I-10)
2164,913610.1450,374021.2470,1213.4650,BREAKLINE
2165,913612.5840,374009.0980,1213.2060,BREAKLINE
2166,913615.7510,373995.7240,1212.6130,BREAKLINE
2167,913618.3780,373982.3900,1212.8430,BREAKLINE
2168,913621.9640,373966.0340,1213.2200,BREAKLINE
2169,913623.0320,373956.1130,1213.6060,BREAKLINE
2170,913616.8270,373989.1170,1213.7580,TOP OF OPENING
2171,913615.8350,373995.6810,1212.7390,WINGWALL
2172,913630.5850,373998.5860,1209.1500,WINGWALL
2173,913630.7680,373998.4640,1207.2440,SPOT
2174,913615.4630,373995.5380,1213.7460,HEADWALL
2175,913618.0180,373983.2390,1213.7810,HEADWALL
2176,913618.3500,373983.1530,1212.8400,WINGWALL
2177,913636.9170,373968.7340,1209.3210,WINGWALL
2178,913637.1200,373968.8040,1206.2700,SPOT
2179,913841.2850,373945.3870,1211.2550,BREAKLINE
2180,913838.7210,373932.6820,1210.2790,BREAKLINE
2181,913832.3660,373911.1420,1210.2130,BREAKLINE
2182,913829.6770,373894.9980,1209.3720,BREAKLINE
2183,913836.3380,373922.9840,1205.9400,DITCH FLOWLINE
2184,913790.7070,373932.8610,1205.3060,DITCH FLOWLINE
2185,913709.2410,373959.2900,1204.2950,DITCH FLOWLINE
2186,913643.6500,373980.7480,1204.0710,DITCH FLOWLINE

(Middle of I-10)
6116,913411.1320,374069.1080,1207.7840,WINGWALL
6117,913402.2220,374067.1220,1210.2280,WINGWALL
6118,913396.4030,374065.9310,1211.3050,WINGWALL
6119,913396.0940,374066.3910,1212.2680,HEADWALL
6120,913398.5640,374053.9440,1212.3490,HEADWALL
6121,913398.7100,374054.0380,1211.3160,WINGWALL
6122,913398.9830,374053.9200,1211.3310,WINGWALL
6123,913406.4590,374048.1660,1210.2500,WINGWALL
6124,913417.3440,374039.9220,1207.8520,WINGWALL
6125,913397.5470,374060.1110,1210.3260,TOP OF OPENING
6126,913404.8010,374026.2770,1210.7000,BREAKLINE
6127,913399.0910,374052.9310,1211.2000,BREAKLINE
6128,913398.7410,374054.7870,1202.3680,BREAKLINE
6129,913397.5090,374060.0430,1202.3150,BREAKLINE
6130,913396.4300,374065.7530,1202.3270,BREAKLINE
6131,913396.3230,374066.6690,1211.0500,BREAKLINE
6132,913392.6990,374086.0930,1210.8830,BREAKLINE
13136,913504.8600,374038.6420,1208.4750,WINGWALL
13137,913523.2790,374024.5540,1211.7460,WINGWALL
13138,913523.5470,374024.6220,1212.7500,HEADWALL
13139,913526.1070,374012.5650,1212.7100,HEADWALL
13140,913525.6530,374012.9300,1211.7290,WINGWALL
13141,913525.6680,374012.9190,1211.9510,WINGWALL
13142,913510.5930,374009.7330,1208.2170,WINGWALL
13143,913524.4470,374019.0620,1210.8490,TOP OF OPENING
13144,913530.8240,373990.3120,1212.3760,BREAKLINE
13145,913527.9430,374002.4530,1212.2510,BREAKLINE
13146,913525.8720,374012.1750,1211.7320,BREAKLINE
13147,913522.8690,374018.8000,1202.8650,BREAKLINE
13148,913522.9510,374025.6500,1211.8580,BREAKLINE
13149,913519.7570,374041.6520,1212.4580,BREAKLINE
13150,913517.1760,374052.7670,1212.5120,BREAKLINE
13151,913489.9240,374027.1130,1203.2590,FL DITCH
13152,913442.3640,374043.8120,1202.5680,FL DITCH
13153,913398.8140,374060.4030,1202.2250,FL DITCH

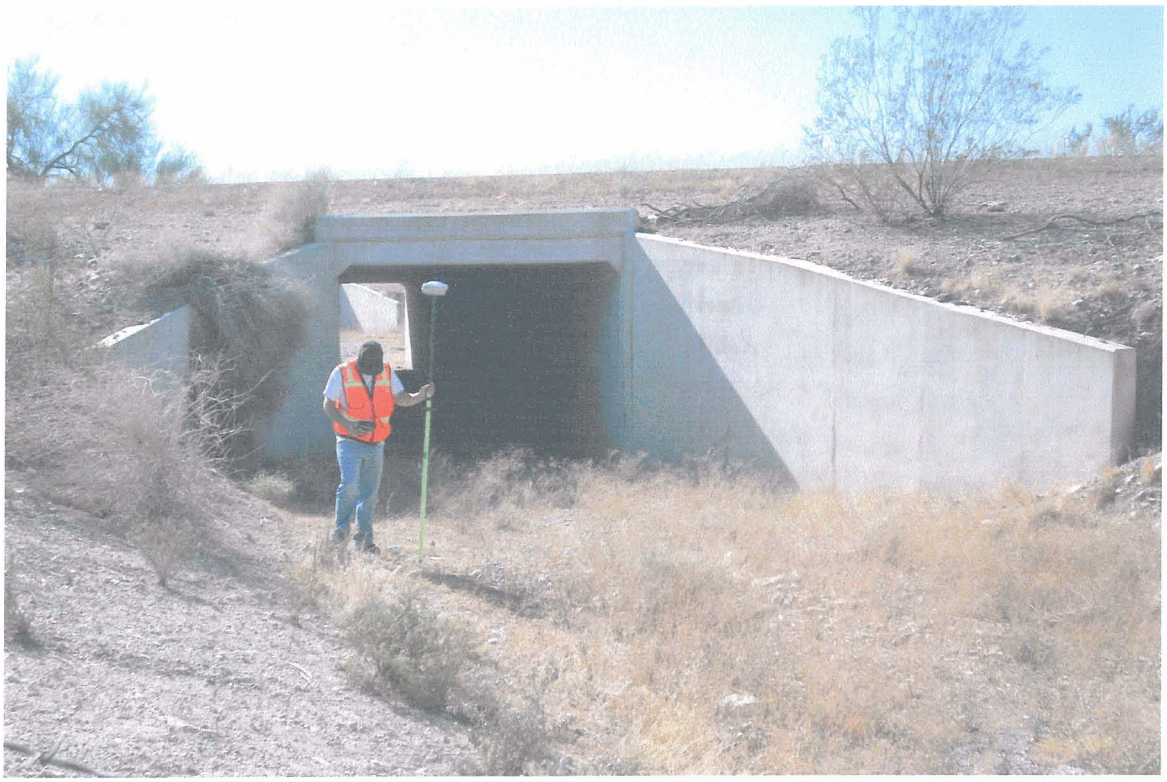
13154,913448.0420,374107.6710,1208.4180,BREAKLINE
13155,913451.5360,374076.9670,1209.3630,BREAKLINE
13156,913453.0550,374049.5600,1203.6340,BREAKLINE
13157,913451.8520,374042.8280,1202.7360,BREAKLINE
13158,913453.2650,374030.9780,1202.9300,BREAKLINE
13159,913451.6370,374010.7520,1204.8050,BREAKLINE
13160,913456.3450,373987.5170,1205.8760,BREAKLINE

(South of I-10)
11833,913305.6550,374083.8920,1210.2280,WINGWALL
11834,913300.2130,374082.6770,1209.2620,WINGWALL
11835,913290.6800,374080.6910,1206.6350,WINGWALL
11836,913305.8540,374083.7760,1211.1610,HEADWALL
11837,913303.3810,374095.9560,1211.2160,HEADWALL
11838,913303.2480,374095.7690,1210.1890,WINGWALL
11839,913295.7200,374101.5770,1209.1490,WINGWALL
11840,913284.6530,374110.3050,1206.9310,WINGWALL
11841,913299.2470,374115.6030,1209.6850,BREAKLINE
11842,913301.4970,374104.3150,1209.8640,BREAKLINE
11843,913302.9700,374096.5440,1210.1760,BREAKLINE
11844,913302.3440,374094.7620,1202.3080,BREAKLINE
11845,913303.2690,374090.0680,1201.8580,BREAKLINE
11846,913305.0140,374084.7150,1202.3380,BREAKLINE
11847,913305.9400,374082.8990,1210.2560,BREAKLINE
11848,913308.2150,374072.3390,1210.1020,BREAKLINE
11849,913309.2990,374062.6090,1209.9440,BREAKLINE
11850,913304.3230,374090.0810,1209.3000,TOP OF OPENING
11851,913242.1720,374115.9970,1200.8920,FL DITCH
11852,913196.0880,374133.7730,1200.9170,FL DITCH
11853,913155.4440,374135.5110,1199.7300,FL DITCH
11854,913065.6140,374151.2530,1204.4320,BREAKLINE
11855,913079.6900,374171.3280,1204.1610,BREAKLINE
11856,913088.8530,374181.6220,1199.5070,BREAKLINE
11857,913089.3760,374182.7810,1199.5460,BREAKLINE
11858,913090.5740,374183.8910,1199.7890,BREAKLINE
11859,913099.0690,374206.0630,1205.4030,BREAKLINE
11860,913110.3880,374233.4840,1206.8960,BREAKLINE

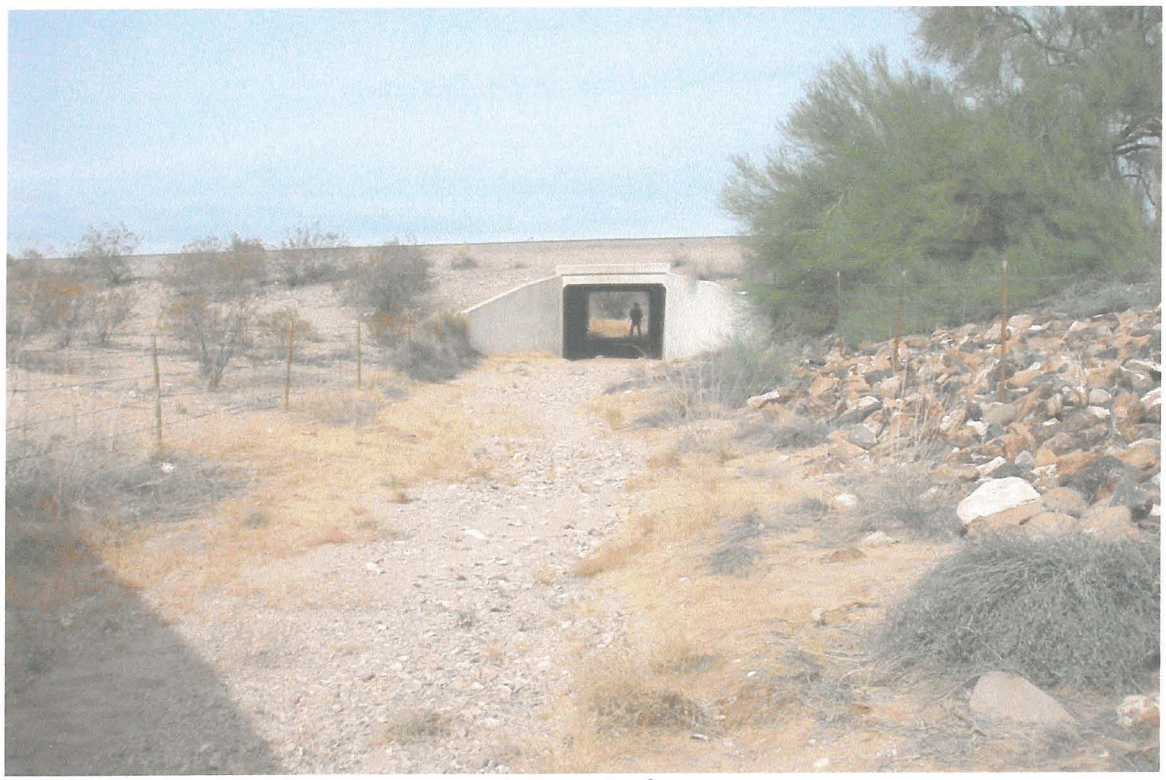
45 EB SS @ 200'

44 EB SS close

44 WB NS @ 200'



44 WB NS Close



44 WB NS Median

44 EB SS Median

COMP.

CK.

DATE 10-17-07

WILSON & COMPANY

SR/AJ

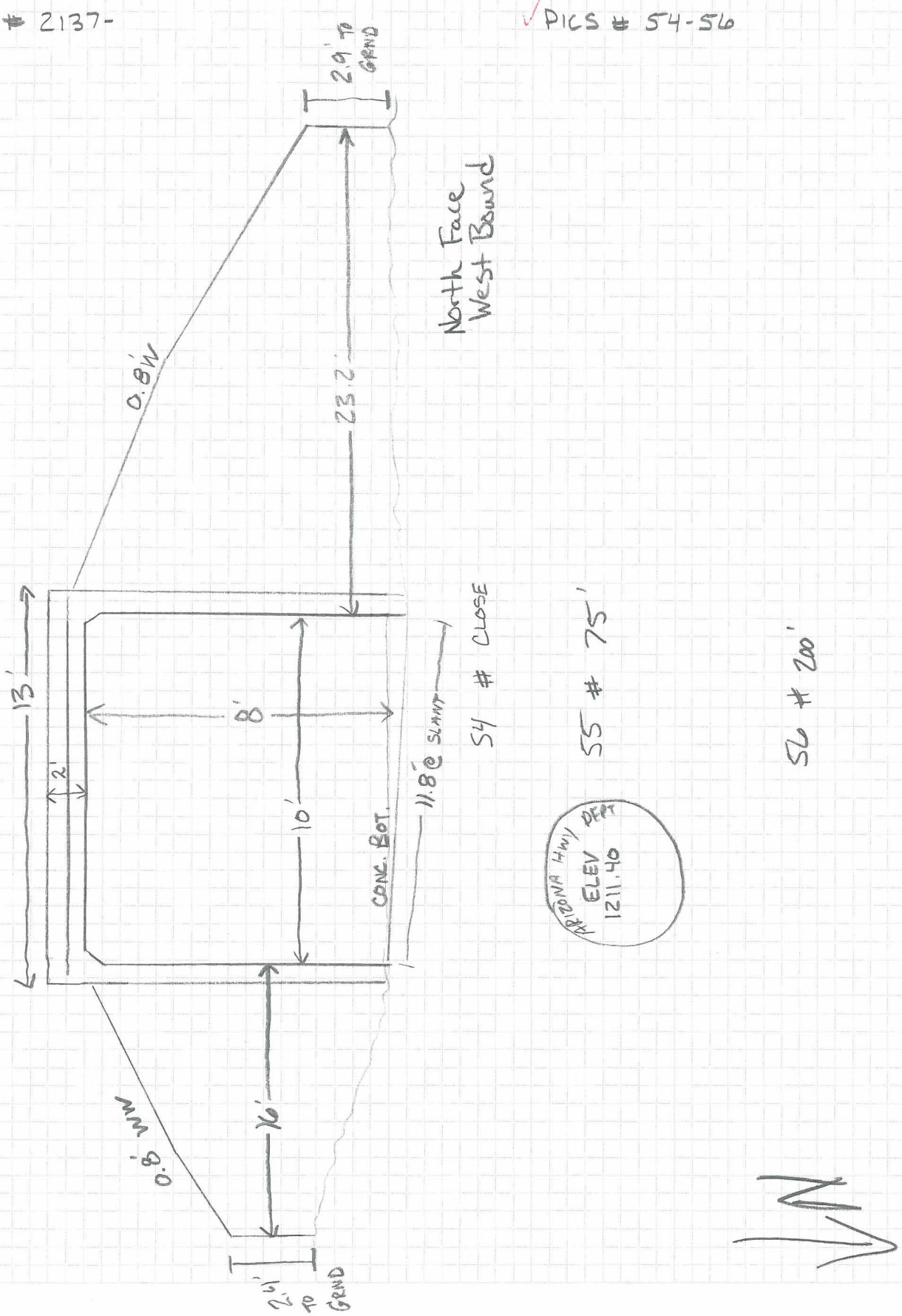
LOC. TONOPAH, AZ FILE

PROJ. J-10 SHEET

SUBJ. STRUCTURE #44 OF

RANGE # 2137-

PICS # 54-56



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COMP. | CK. | DATE 11-27-07 | LOC. | FILE | PROJ. | SHEET | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 44

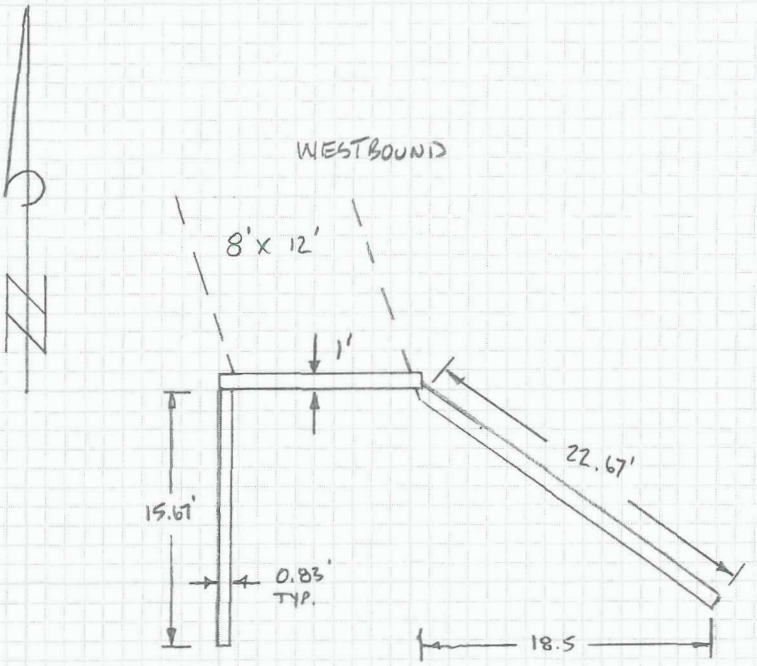
MEDIAN

H. BEJARANO
D. ACOSTA

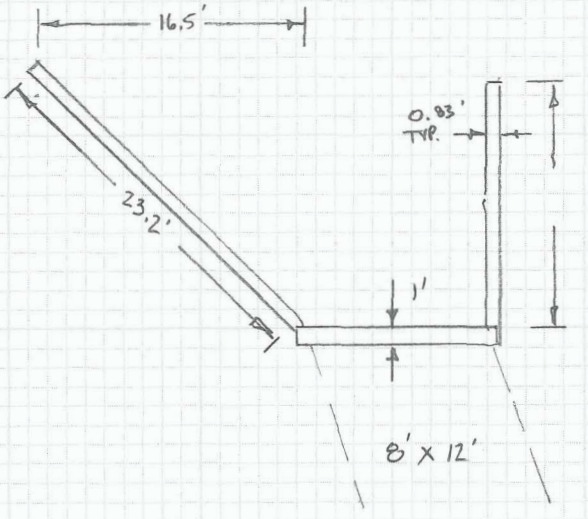
PICTURES

218 FACING NORTH 0-0211

219 FACING SOUTH 0-0212



2 EA SINGLE BARREL BOX CULVERT



EASTBOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-08-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 44

H. BENARANO
D. ACOSTA

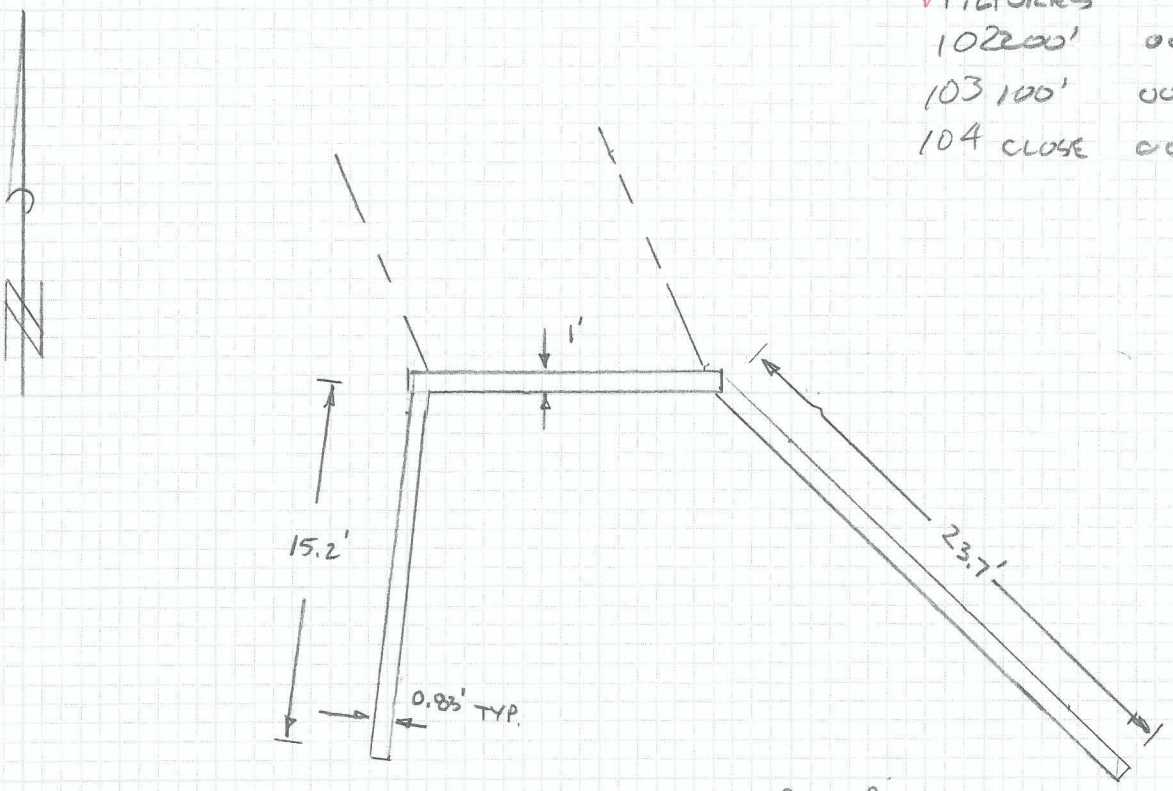
Pt Range 11833 - 11860

√ PICTURES

102200' 0094

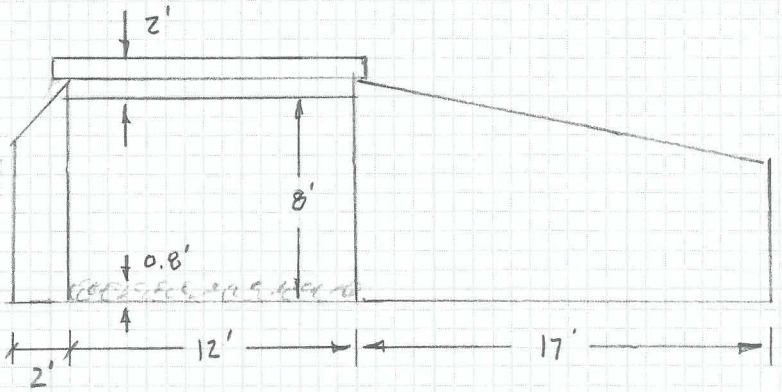
103100' 0095

104 CLOSE 0096



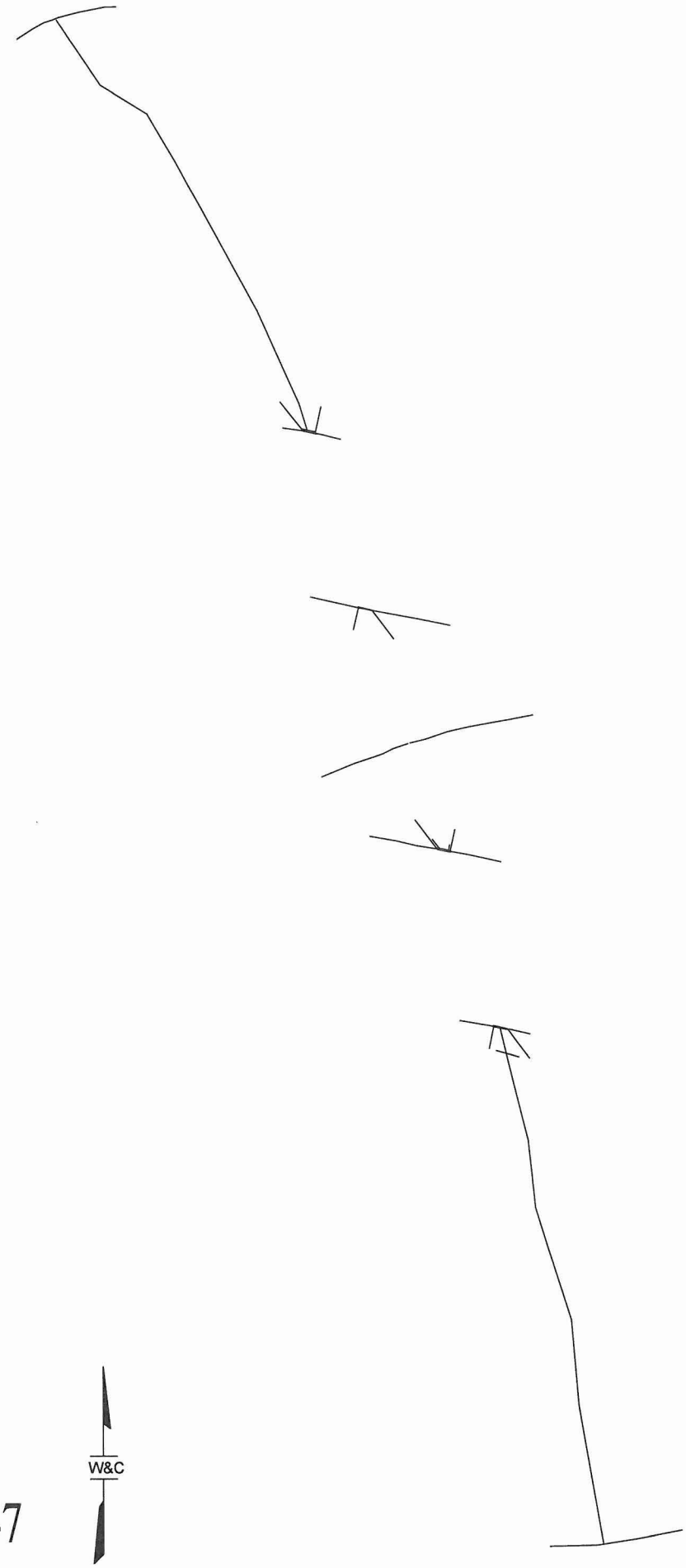
SINGLE BARREL BOX CULVERT

PLA VIEW



SOUTH FACE

EAST BOUND


45
W&C
Sta. 4819+83.47

Structure #45
Station 4819+83.47

(North of I-10)
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10468,913466.3470,374695.1680,1210.1200,BREAKLINE
10469,913466.9140,374692.2660,1209.8640,BREAKLINE
10470,913481.0430,374695.1700,1207.3450,WINGWALL
10471,913466.9320,374692.1490,1209.8360,WINGWALL
10472,913466.6010,374692.6230,1210.8450,HEADWALL
10473,913468.2730,374685.1900,1210.8100,HEADWALL
10474,913468.5210,374685.0800,1209.8340,WINGWALL
10475,913469.2790,374684.8540,1209.7910,WINGWALL
10476,913483.5450,374673.4640,1207.5610,WINGWALL
10477,913466.8700,374692.0920,1203.0960,BREAKLINE
10478,913467.6670,374692.1270,1203.1090,CONCRETE
10479,913467.8970,374688.1030,1203.0730,BREAKLINE
10480,913468.4870,374685.6940,1202.8930,BREAKLINE
10481,913469.2370,374685.0960,1203.1810,CONCRETE
10482,913468.1960,374688.8990,1209.3300,TOP OF OPENING
10483,913482.8420,374683.4080,1203.6340,FL DITCH
10484,913531.4150,374661.3470,1204.2230,FL DITCH
10485,913555.2010,374648.2930,1204.2590,FL DITCH
10486,913609.9140,374618.1870,1205.6730,FL DITCH
10487,913635.0740,374603.2240,1206.0090,FL DITCH
10488,913650.2210,374578.4570,1206.1280,FL DITCH
10489,913684.5870,374554.9910,1206.7250,FL DITCH
10490,913674.4050,374534.1490,1209.3640,BREAKLINE
10491,913680.1740,374543.0920,1209.1170,BREAKLINE
10492,913683.1010,374548.3450,1208.7440,BREAKLINE
10493,913684.5150,374552.8380,1206.8850,BREAKLINE
10494,913685.7320,374555.9990,1207.0070,BREAKLINE
10495,913688.6280,374567.1260,1208.2060,BREAKLINE
10496,913691.3100,374580.9330,1208.5430,BREAKLINE
10497,913691.3380,374586.8920,1208.6840,BREAKLINE
10498,913468.4160,374684.6810,1209.8710,BREAKLINE
10499,913469.7660,374674.8370,1210.2730,BREAKLINE

(Middle of I-10)
6133,913255.6180,374720.9550,1208.3640,BREAKLINE
6134,913253.1890,374734.7370,1208.3150,BREAKLINE
6135,913250.5070,374745.9310,1208.9640,BREAKLINE
6136,913249.0560,374755.1420,1209.1470,BREAKLINE
6137,913264.2060,374744.6570,1207.0700,WINGWALL
6138,913249.3810,374755.8500,1209.1360,WINGWALL
6139,913248.8050,374756.0380,1209.1640,WINGWALL
6140,913248.5880,374756.1370,1210.1320,HEADWALL
6141,913247.1320,374763.5860,1210.2520,HEADWALL
6142,913248.0550,374759.8150,1208.1610,TOP OF OPENING
6143,913247.4520,374763.1270,1209.2590,WINGWALL
6144,913252.9880,374764.3910,1208.3960,WINGWALL
6145,913259.1390,374765.7230,1207.0240,WINGWALL
6147,913249.2580,374756.5060,1202.4850,BREAKLINE
6148,913248.7500,374759.7200,1202.5390,BREAKLINE
6149,913248.0650,374762.7240,1202.5670,BREAKLINE
6150,913251.2070,374762.9100,1202.4880,CONCRETE
6151,913248.0780,374762.3540,1202.5630,CONCRETE
6152,913249.1950,374757.3500,1202.5310,CONCRETE
6153,913253.9810,374753.7080,1202.5360,CONCRETE
6154,913247.4350,374763.9330,1209.1520,BREAKLINE
6155,913245.7170,374773.3070,1208.7170,BREAKLINE
6156,913242.0100,374790.0050,1208.1930,BREAKLINE
6157,913318.9740,374806.7600,1209.1840,BREAKLINE
6158,913316.7740,374795.2140,1208.9290,BREAKLINE

6159,913312.9310,374773.4230,1205.0990,BREAKLINE
6160,913310.2700,374761.6590,1204.4020,BREAKLINE
6161,913306.3590,374750.0720,1202.8340,BREAKLINE
6162,913304.2690,374741.4990,1202.7640,BREAKLINE
6163,913301.4260,374733.1670,1202.9120,BREAKLINE
6164,913298.7440,374727.8350,1203.5390,BREAKLINE
6165,913293.6060,374712.5820,1205.7720,BREAKLINE
6166,913286.6390,374695.6230,1206.2100,BREAKLINE
6167,913276.1250,374751.0480,1202.3240,FL DITCH
6168,913304.2900,374741.5450,1202.7180,FL DITCH
6169,913332.6850,374732.1770,1202.8940,FL DITCH
6170,913357.0100,374724.3020,1203.1360,FL DITCH
6171,913374.2550,374718.5770,1203.0510,FL DITCH
13161,913363.7220,374712.4460,1207.2610,WINGWALL
13162,913375.4830,374715.0830,1209.4770,WINGWALL
13163,913375.9050,374714.6550,1210.4960,HEADWALL
13164,913374.1430,374722.0960,1210.4310,HEADWALL
13165,913374.0010,374722.2310,1209.4590,WINGWALL
13166,913358.8470,374733.7240,1207.2990,WINGWALL
13167,913374.7820,374718.8950,1208.6060,TOP OF OPENING
13168,913381.1430,374689.6310,1209.4750,BREAKLINE
13169,913378.1880,374702.6110,1209.2660,BREAKLINE
13170,913375.6000,374714.1020,1209.4330,BREAKLINE
13171,913373.4600,374725.0630,1209.6630,BREAKLINE
13172,913369.5930,374745.7050,1209.4930,BREAKLINE
13173,913365.9880,374763.3200,1209.4540,BREAKLINE

(South of I-10)
11861,913155.8240,374786.0420,1208.6880,WINGWALL
11862,913144.1060,374783.6830,1206.6510,WINGWALL
11863,913156.2860,374785.7690,1209.7760,HEADWALL
11864,913154.5200,374793.1580,1209.7310,HEADWALL
11865,913154.3850,374793.3070,1208.7690,WINGWALL
11866,913146.7230,374798.9970,1207.8940,WINGWALL
11867,913139.0540,374804.8780,1206.6290,WINGWALL
11868,913155.3850,374789.4980,1208.0190,TOP OF OPENING
11869,913151.7520,374805.2360,1208.1610,BREAKLINE
11870,913154.3520,374794.0600,1208.6260,BREAKLINE
11871,913154.1840,374792.7570,1201.9470,BREAKLINE
11872,913154.8810,374789.3940,1202.0890,BREAKLINE
11873,913155.5390,374786.5410,1202.1360,BREAKLINE
11874,913156.0050,374785.0840,1208.6740,BREAKLINE
11875,913158.9350,374768.0290,1207.8990,BREAKLINE
11876,913143.1690,374787.1390,1202.0720,CONCRETE
11877,913139.7950,374799.3660,1202.0200,CONCRETE
11878,913139.7950,374792.9330,1201.6260,FL DITCH
11879,913096.2700,374803.9890,1201.1010,FL DITCH
11880,913060.9220,374807.8520,1200.7950,FL DITCH
11881,913002.1710,374826.6780,1199.7260,FL DITCH
11882,912957.3300,374830.5580,1199.4050,FL DITCH
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11884,912884.3910,374835.2330,1200.8690,BREAKLINE
11885,912884.5950,374840.5620,1199.0550,BREAKLINE
11886,912884.9890,374843.3850,1199.0730,BREAKLINE
11887,912885.3780,374845.6820,1199.5110,BREAKLINE
11888,912887.7380,374861.0200,1201.5110,BREAKLINE
11889,912892.2470,374885.0190,1201.1550,BREAKLINE

45 EB SS @ 200'

45 EB SS close

45 WB NS Close

45 WB NS @ 200'

45 EB SS Median

45 WB NS Median

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-27-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #45

MEDIAN

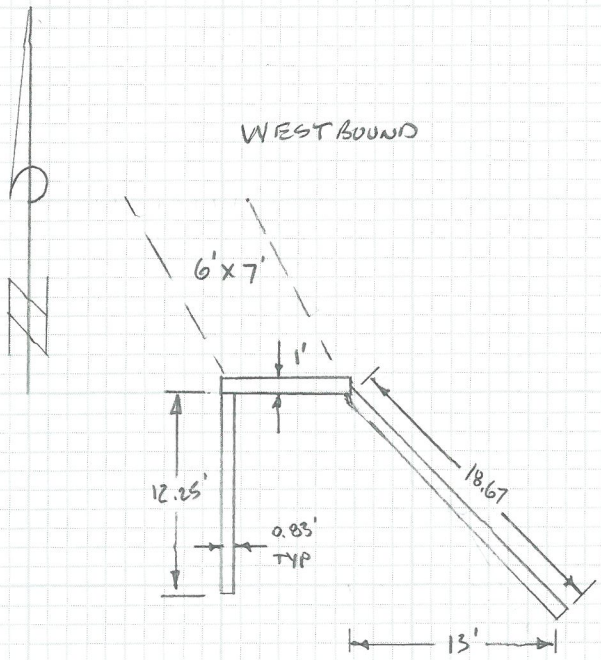
H. BEJARANO

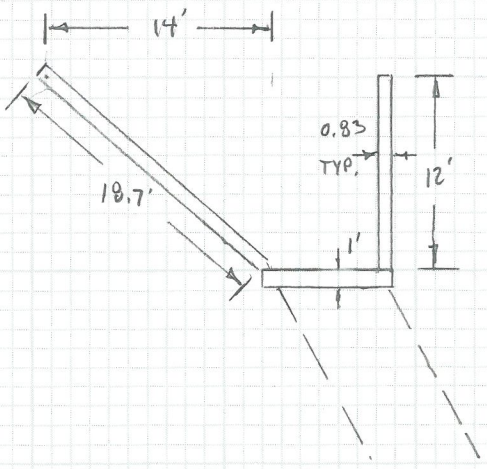
D. ACOSTA

✓ PICTURES

220 FACING NORTH 0-0213

221 FACING SOUTH 0-0214





EASTBOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-09-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

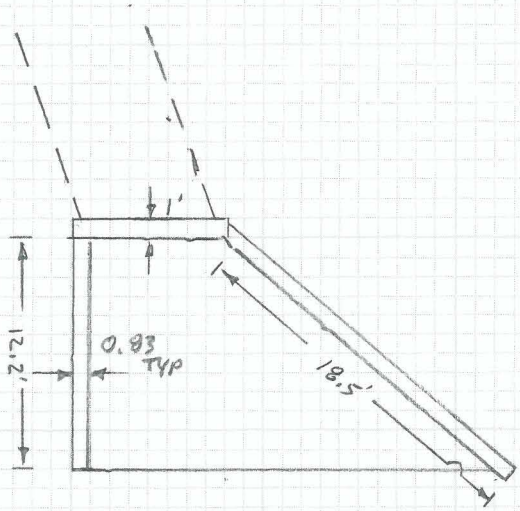
SURVEY DRAINAGE STRUCTURE #45

H. BEJARANO

Pt Range - 11861 - 11889

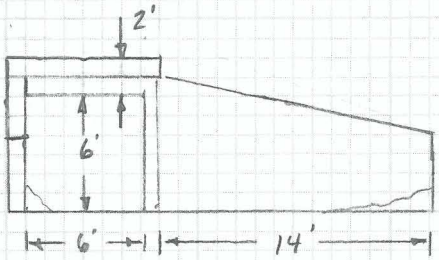
PICTURES

200'	0097	105
100'	0098	106
CLOSE	0099	107



SINGLE BARREL BOX CULVERT

PLAN VIEW



SOUTH FACE

EAST BOUND

COMP. | CK. | DATE | LOC. | FILE | PROJ. | SHEET | SUBJ. | OF

WILSON & COMPANY

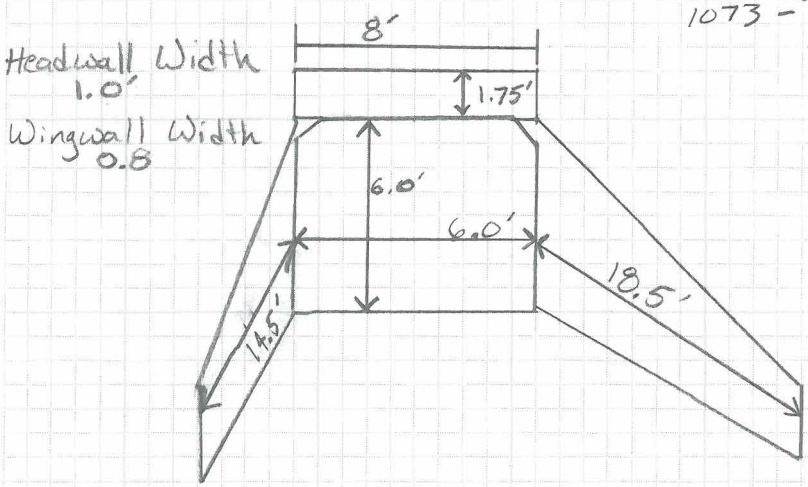
10/23/2007

Structure # 45 West Bound North Side

Rod Height Changes
1073 - 10.562

Pt Range 1063-1094

Pics- Daves' Phone
1023070907 - Close up
1023070916 - 200'



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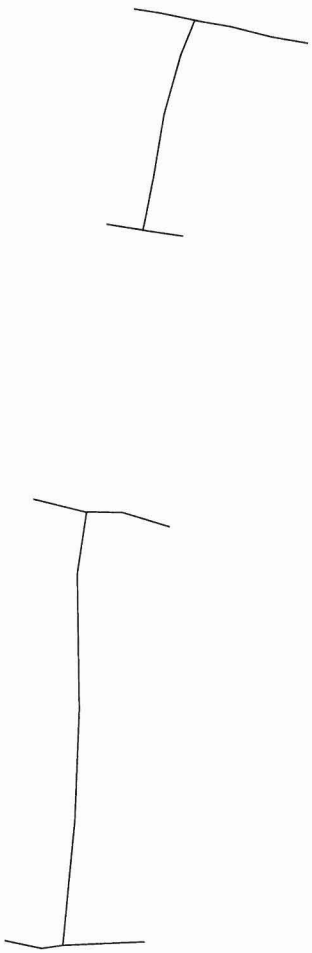

W&C

51

Sta. 4870+50.00

Structure #51
Station 4870+50.00

(North of I-10)
n/a

(Middle of I-10)
6273,912196.6920,379757.7760,1180.3940,BREAKLINE
6274,912199.1670,379741.1920,1180.6530,BREAKLINE
6275,912199.3370,379740.3080,1178.9030,BREAKLINE
6276,912199.5060,379739.5870,1180.5960,BREAKLINE
6277,912201.9500,379724.5820,1180.9010,BREAKLINE
6278,912202.4980,379741.0780,1178.7520,FL DITCH
6279,912223.2350,379745.1320,1179.4690,FL DITCH
6280,912249.2010,379749.4130,1180.0000,FL DITCH
6281,912275.1580,379756.5990,1180.2280,FL DITCH
6282,912295.0440,379736.4470,1181.9670,BREAKLINE
6283,912293.3290,379747.4790,1182.0230,BREAKLINE
6284,912290.1070,379762.5710,1181.9290,BREAKLINE
6285,912287.4520,379777.7780,1181.9930,BREAKLINE
6286,912282.8110,379796.2310,1184.0810,BREAKLINE
6287,912280.1040,379811.7740,1183.5760,BREAKLINE

(South of I-10)
11983,912083.1320,379693.0320,1179.5360,BREAKLINE
11984,912077.7990,379714.4250,1180.0160,BREAKLINE
11985,912077.3820,379716.1020,1178.3240,BREAKLINE
11986,912077.5800,379717.1280,1179.9620,BREAKLINE
11987,912077.2190,379731.8700,1179.4050,BREAKLINE
11988,912071.0190,379751.9770,1179.2830,BREAKLINE
11989,912050.7620,379712.0800,1178.7830,FL DITCH
11990,911992.1270,379712.9020,1177.9950,FL DITCH
11991,911944.0090,379710.8740,1177.7020,FL DITCH
11992,911892.6060,379680.3160,1177.2330,BREAKLINE
11993,911889.1470,379696.2780,1177.1160,BREAKLINE
11994,911890.4370,379705.5340,1177.0330,BREAKLINE
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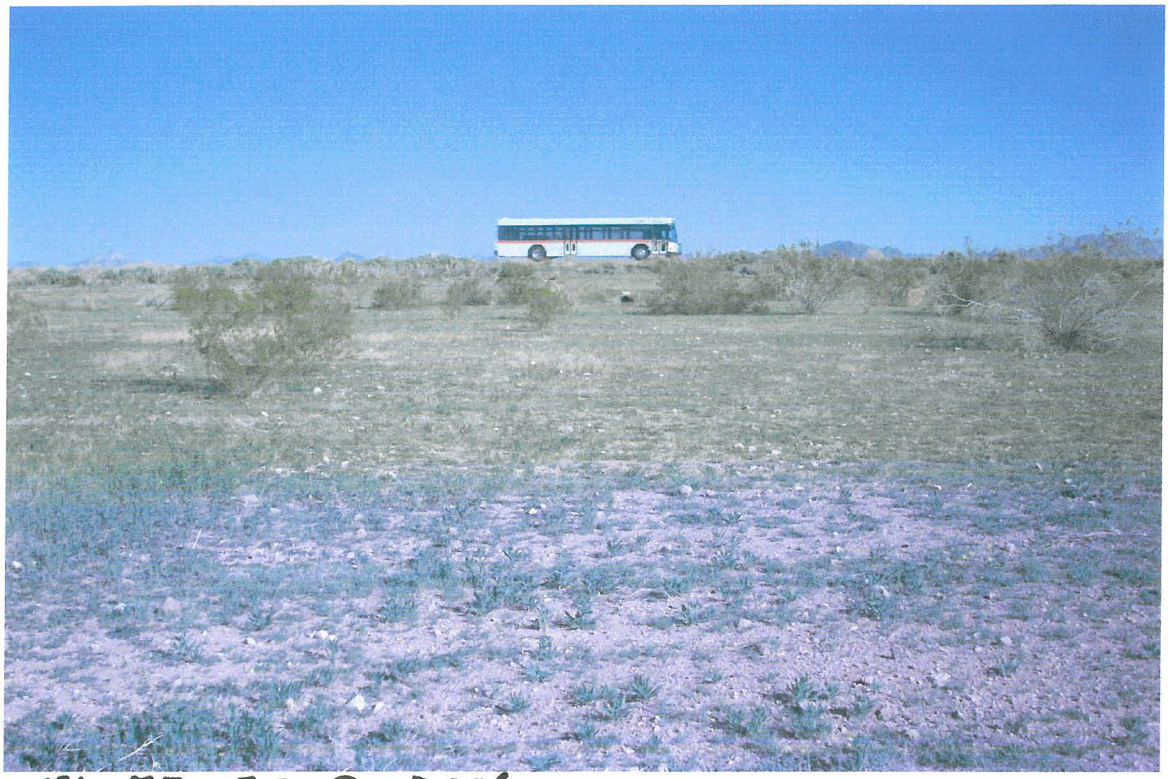
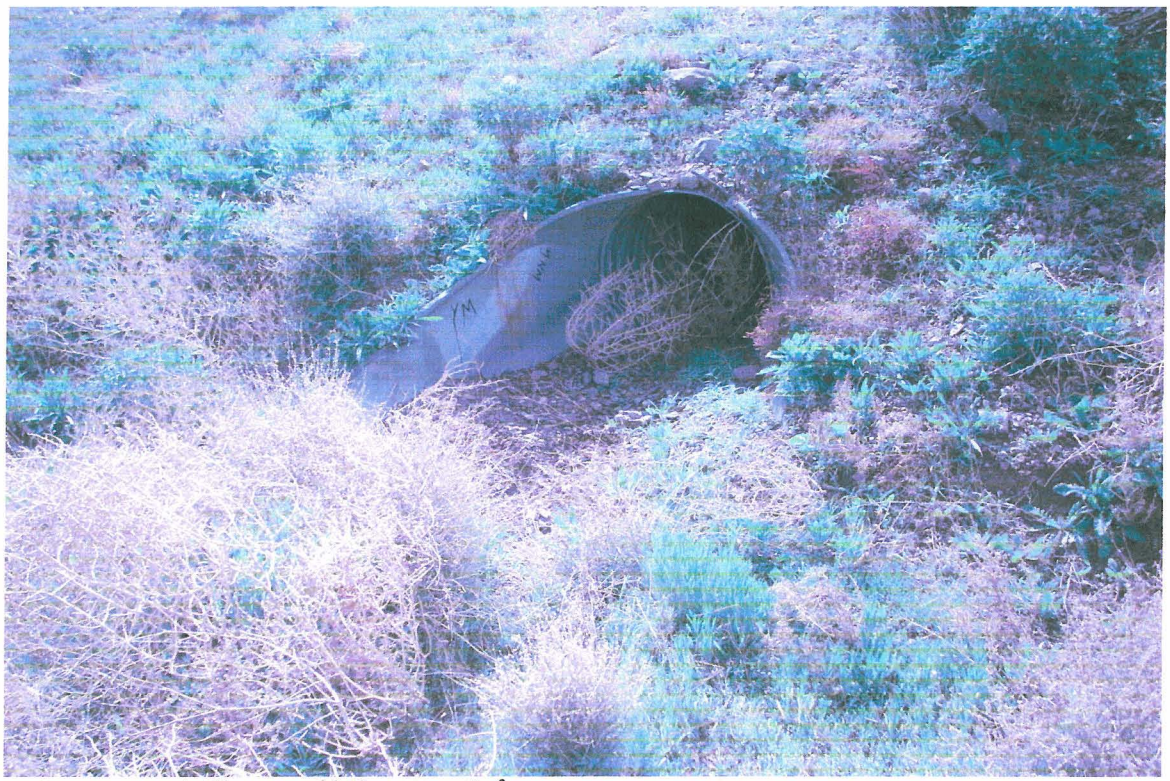


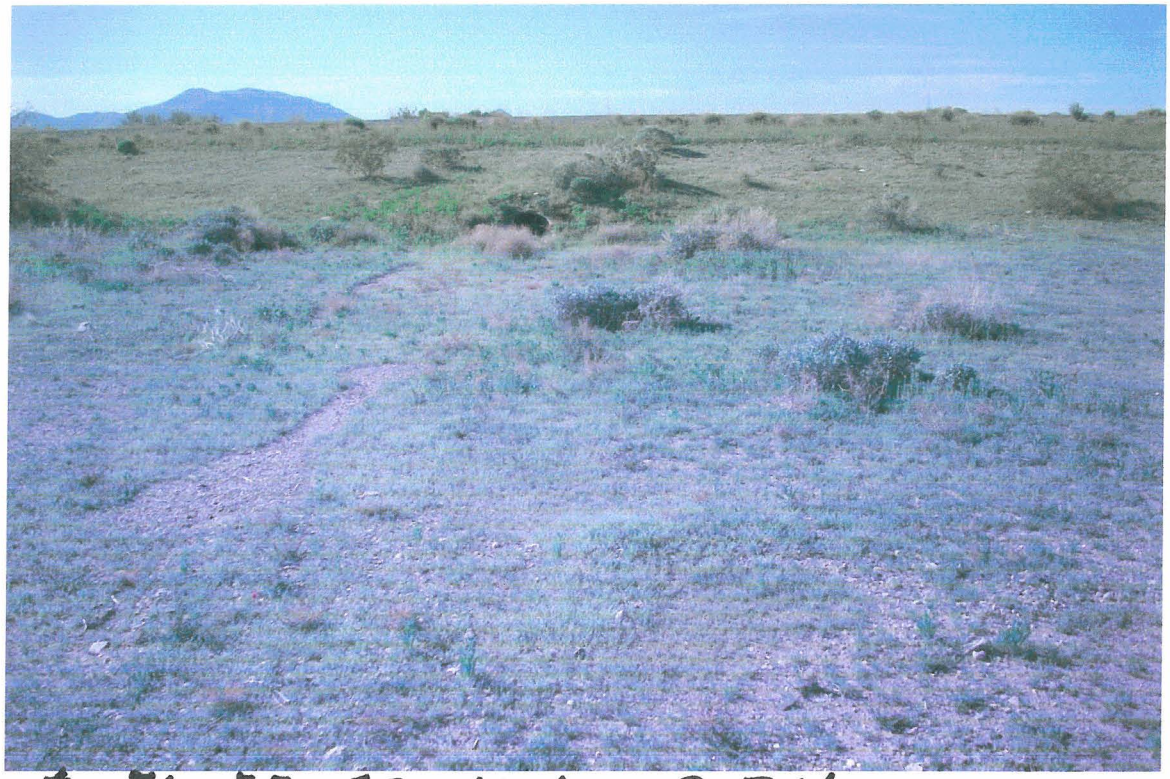
51 EB SS @ 200'

51 EB SS Close

51 WB NS @ 200'



51 WB NS Close



51 EB SS Median @ 75'

51 EB SS Median Close

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

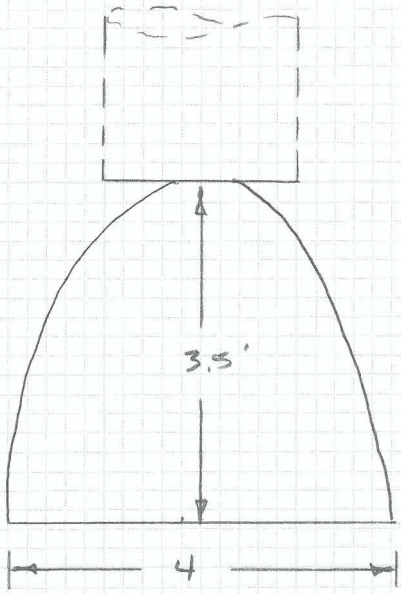
WILSON & COMPANY

GPS POINT NUMBER
SURVEY DRAINAGE STRUCTURE # 51

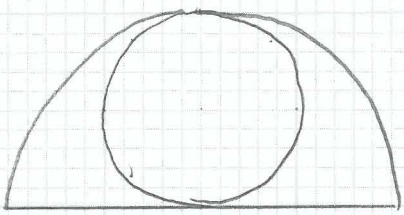
H. BEJARANO
D. ACOSTA

PICTURES

200'	0-0228
100'	0-0227
CLOSE	0-0226



1 EA 24" CMP
PLAN VIEW



SOUTH FACE
EASTBOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #51

MEDIAN

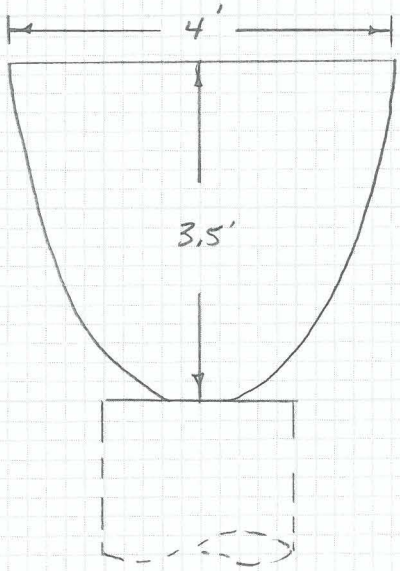
H. BEJARANO

D. ACOSTA

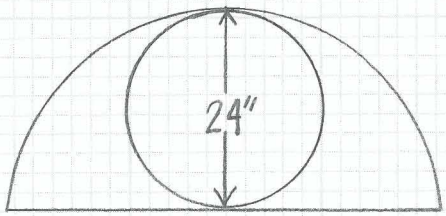
PICTURES

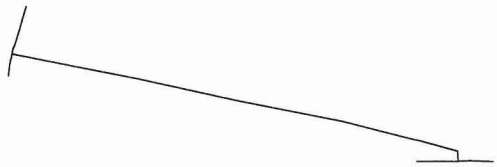
FACING SOUTH 0-0225

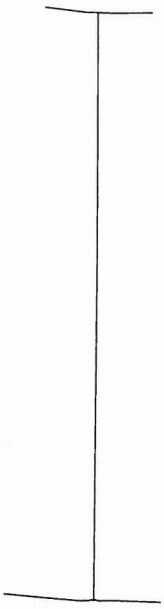
1 EA 24" CMP



North Face
EASTBOUND







52

W&C

Sta. 4870+50.00

Structure #52
Station 4870+50.00

(North of I-10)
12690,912437.0990,379813.9020,1180.9360,BREAKLINE
12691,912437.4790,379803.7440,1181.0180,BREAKLINE
12692,912437.3710,379799.9770,1180.3370,BREAKLINE
12693,912437.2610,379798.5380,1180.1310,BREAKLINE
12694,912436.9430,379798.2690,1183.1170,TOP OF OPENING
12695,912437.1620,379797.0890,1180.3980,BREAKLINE
12696,912437.2690,379789.2880,1182.5140,BREAKLINE
12697,912437.2170,379780.3220,1182.5280,BREAKLINE
12698,912441.6500,379798.2900,1180.5630,FL DITCH
12699,912446.4840,379780.8530,1180.6390,FL DITCH
12700,912446.7400,379779.2160,1181.0700,FL DITCH
12701,912454.7730,379747.8810,1181.0650,FL DITCH
12702,912463.5930,379703.0530,1181.2610,FL DITCH
12703,912473.2020,379659.2830,1181.2840,FL DITCH
12704,912474.4530,379603.1880,1182.0500,BREAKLINE
12705,912478.6080,379603.5930,1182.1360,BREAKLINE
12706,912481.9240,379604.2390,1181.9360,BREAKLINE
12707,912482.8200,379604.5180,1181.6070,BREAKLINE
12708,912484.0740,379604.6630,1181.5120,BREAKLINE
12709,912486.5690,379605.2210,1181.7960,BREAKLINE
12710,912487.8630,379605.8880,1182.0720,BREAKLINE
12711,912504.6520,379610.8050,1182.1870,BREAKLINE

(Middle of I-10)
n/a

(South of I-10)
12671,912029.7800,379771.1350,1178.2440,BREAKLINE
12672,912027.5660,379788.5200,1178.4690,BREAKLINE
12673,912027.3640,379794.0690,1177.9770,BREAKLINE
12674,912027.0910,379800.1570,1179.0180,BREAKLINE
12675,912027.1560,379817.7890,1178.6750,BREAKLINE
12676,912027.5670,379793.8840,1180.3730,TOP OF OPENING
12677,911978.8110,379793.9910,1177.3620,FL DITCH
12678,911913.2960,379793.5620,1176.8520,FL DITCH
12679,911860.0780,379792.8920,1176.2900,FL DITCH
12680,911772.8010,379820.9730,1176.3240,BREAKLINE
12681,911773.5630,379798.8650,1176.4830,BREAKLINE
12682,911773.4370,379794.1530,1177.3490,BREAKLINE
12683,911773.9270,379792.4440,1175.7890,BREAKLINE
12684,911773.7310,379791.8810,1175.7930,BREAKLINE
12685,911773.8820,379791.0060,1175.9010,BREAKLINE
12686,911773.6040,379789.3680,1176.9840,BREAKLINE
12687,911773.5400,379785.6300,1176.4850,BREAKLINE
12688,911774.7320,379772.0410,1175.7450,BREAKLINE
12689,911776.5950,379752.8730,1176.3600,BREAKLINE

52 EB SS Close

52 EB SS @ 150'

COMP. | LOC. | FILE

WILSON & COMPANY

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE #49

MEDIAN

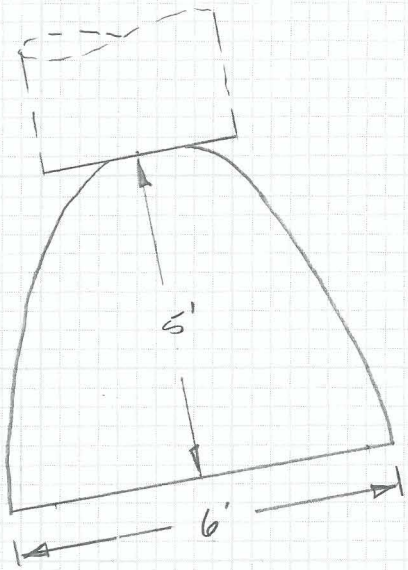
H. BENAVIDES & D. ACOSTA

PICTURES

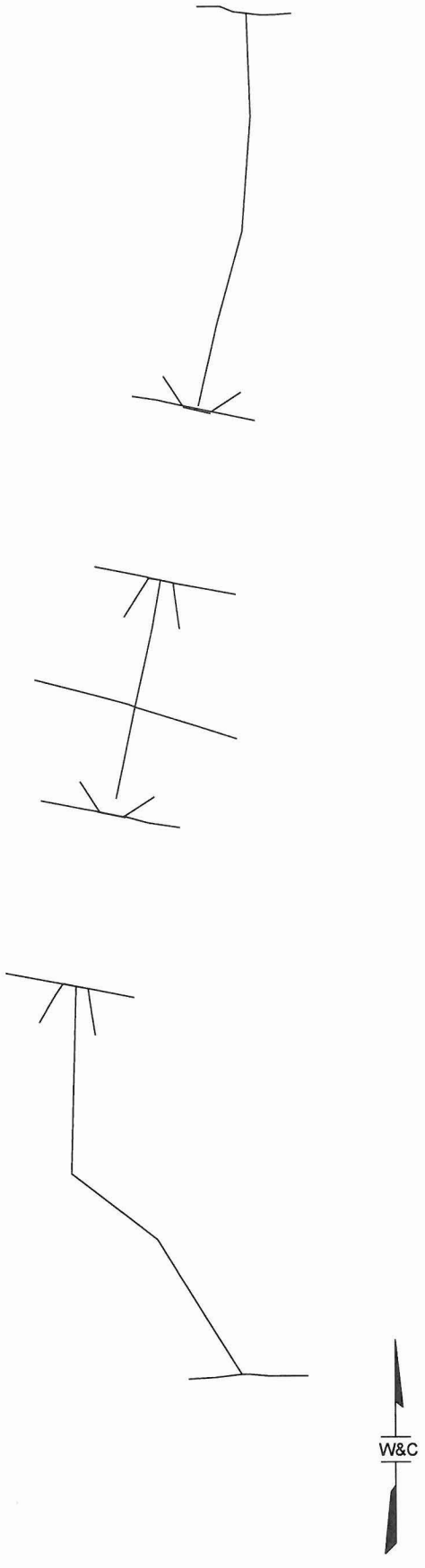
728 FACING NORTH 0-0221

729 FACING EAST 0-0222

South Face
WEST BOUND



1 EA. 36" CMP



50

Sta. 4856+75.00

Structure #50
Station 4856+75.00

(North of I-10)
2136,912684.2030,378419.4020,1188.7270,SPOT
2137,912683.6100,378418.7510,1190.9380,WINGWALL
2138,912669.3700,378428.1320,1194.1950,WINGWALL
2139,912668.6390,378428.4940,1195.2010,HEADWALL
2140,912665.5270,378441.7640,1195.1230,HEADWALL
2141,912666.3770,378442.0490,1194.1740,WINGWALL
2142,912675.7830,378456.3720,1191.0530,WINGWALL
2143,912668.0250,378434.9850,1195.0890,TOP OF OPENING
2144,912662.0520,378463.1560,1192.3540,BREAKLINE
2145,912665.8230,378445.3250,1193.6270,BREAKLINE
2146,912666.4090,378442.2850,1194.0100,BREAKLINE
2147,912669.4340,378427.9210,1193.9260,BREAKLINE
2148,912670.2520,378424.0000,1193.7210,BREAKLINE
2149,912672.2290,378415.4000,1193.1620,BREAKLINE
2150,912673.9460,378403.6270,1192.9310,BREAKLINE
2151,912676.4340,378456.1060,1187.3510,SPOT
2152,912680.9350,378437.8510,1183.2070,FL ES
2153,912669.2210,378435.8210,1183.2850,RCP
2154,912709.1400,378444.9400,1183.6140,DITCH FLOWLINE
2155,912753.6320,378456.9240,1184.6500,DITCH FLOWLINE
2156,912809.1370,378460.8100,1185.6440,DITCH FLOWLINE
2157,912859.0050,378480.5070,1189.3450,BREAKLINE
2158,912858.4160,378472.5430,1189.2900,BREAKLINE
2159,912858.1800,378466.1150,1186.8190,BREAKLINE
2160,912859.4230,378458.7590,1186.3230,DITCH FLOWLINE
2161,912859.8140,378452.3500,1186.6560,BREAKLINE
2162,912862.4590,378445.9850,1187.9940,BREAKLINE
2163,912862.3990,378434.8110,1187.9520,BREAKLINE

(Middle of I-10)
6242,912480.7690,378414.3090,1190.0910,WINGWALL
6243,912476.0880,378407.0210,1192.1310,WINGWALL
6244,912472.0000,378400.6000,1193.1960,WINGWALL
6245,912471.5080,378399.6160,1193.1640,WINGWALL
6246,912471.1870,378399.5390,1193.1260,WINGWALL
6247,912470.8460,378400.1410,1194.1170,HEADWALL
6248,912473.5610,378386.8470,1194.1570,HEADWALL
6249,912473.6620,378387.5830,1193.1400,WINGWALL
6250,912473.8190,378387.6000,1193.1320,WINGWALL
6251,912474.8080,378386.8930,1193.1270,WINGWALL
6252,912482.2100,378382.1320,1192.2360,WINGWALL
6253,912488.2130,378378.2540,1190.0950,WINGWALL
6254,912479.0260,378359.5050,1191.7040,BREAKLINE
6255,912476.8600,378370.6040,1192.0010,BREAKLINE
6256,912474.9180,378380.4460,1192.8620,BREAKLINE
6257,912473.9520,378386.0230,1192.9970,BREAKLINE
6258,912472.4980,378392.9230,1192.0660,TOP OF OPENING
6259,912473.5170,378387.9970,1182.5440,BREAKLINE
6260,912472.4300,378393.0160,1182.5440,BREAKLINE
6261,912471.2240,378399.1660,1182.5320,BREAKLINE
6262,912471.0580,378400.7830,1192.9640,BREAKLINE
6263,912468.2290,378411.2150,1191.9100,BREAKLINE
6264,912465.9040,378426.7580,1191.4020,BREAKLINE
6265,912508.6260,378454.0810,1187.1800,BREAKLINE
6266,912508.5990,378454.1790,1187.1860,BREAKLINE
6267,912513.9260,378437.6220,1186.7980,BREAKLINE
6268,912522.0900,378411.2220,1182.5610,BREAKLINE
6269,912523.7190,378405.8050,1182.4240,BREAKLINE
6270,912525.3290,378401.7540,1182.4720,BREAKLINE
6271,912529.2700,378387.4170,1182.9090,BREAKLINE

6272,912537.2600,378356.4990,1183.3090,BREAKLINE
13221,912561.7040,378426.6530,1187.4460,WINGWALL
13222,912576.9190,378424.4590,1192.7510,WINGWALL
13223,912583.6100,378423.6030,1193.8230,WINGWALL
13224,912583.7270,378424.2780,1194.8980,HEADWALL
13225,912586.5150,378411.1380,1194.8260,HEADWALL
13226,912586.2470,378411.7250,1193.8790,WINGWALL
13227,912580.8430,378408.2420,1192.6020,WINGWALL
13228,912567.3750,378399.6610,1187.5300,WINGWALL
13229,912585.1390,378416.8400,1192.9540,TOP OF OPENING
13230,912591.7650,378385.4320,1192.6300,BREAKLINE
13231,912586.7430,378410.6740,1193.7450,BREAKLINE
13232,912586.0890,378411.8880,1182.8070,BREAKLINE
13233,912585.1310,378417.4090,1182.7800,BREAKLINE
13234,912583.8780,378423.1820,1182.8420,BREAKLINE
13235,912583.5390,378424.6530,1193.7500,BREAKLINE
13236,912580.3340,378442.2830,1192.8860,BREAKLINE
13237,912578.1540,378453.8690,1192.6970,BREAKLINE
13238,912561.9330,378413.3710,1182.7870,FL DITCH
13239,912521.8470,378404.4800,1182.3830,FL DITCH
13240,912479.9950,378395.8160,1182.3390,FL DITCH

(South of I-10)
11962,912395.9600,378342.2840,1191.5330,BREAKLINE
11963,912390.9930,378368.5270,1192.5820,BREAKLINE
11964,912389.5120,378376.1310,1183.1240,BREAKLINE
11965,912388.3270,378383.0210,1192.5590,BREAKLINE
11966,912384.0740,378404.2170,1191.6580,BREAKLINE
11967,912366.1140,378385.3370,1186.7420,WINGWALL
11968,912381.7690,378382.8690,1191.6720,WINGWALL
11969,912388.1630,378381.9570,1192.9460,WINGWALL
11970,912388.3180,378382.7470,1193.9130,HEADWALL
11971,912391.0130,378369.3160,1193.8590,HEADWALL
11972,912390.7220,378369.8450,1192.8940,WINGWALL
11973,912385.2200,378366.1520,1191.9240,WINGWALL
11974,912372.1420,378358.4360,1186.8080,WINGWALL
11975,912299.3570,378373.7770,1182.0110,FL DITCH
11976,912267.5110,378415.2160,1181.7930,FL DITCH
11977,912200.2300,378430.0880,1181.9090,BREAKLINE
11978,912200.9200,378443.2360,1181.6780,BREAKLINE
11979,912202.3890,378455.8500,1181.4240,BREAKLINE
11980,912202.4720,378459.1310,1181.7250,BREAKLINE
11981,912201.5890,378468.7570,1184.4690,BREAKLINE
11982,912201.6150,378487.8390,1184.5020,BREAKLINE

50 EB SS Close

50 EB SS @ 200'

50 WB NS Close

50 WB NS @ 200'

50 WB NS Median

50 EB SS Median

COMP.

CK.

DATE 10-17-07

WILSON & COMPANY

SR/AJ

LOC. TONOPAH, AZ FILE

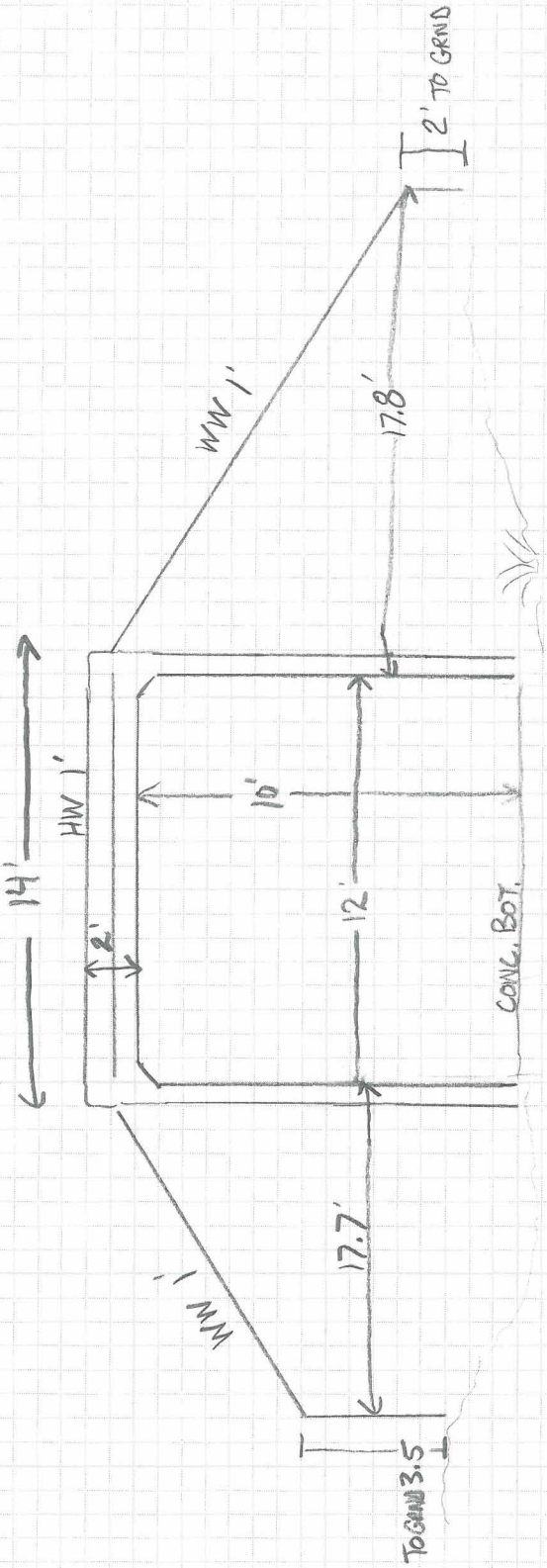
PROJ. 1-10 SHEET

SUBJ. STRUCTURE #50 OF

PT RANGE # 2136-

Structure #50

√ PICS 51-53



" NOT TO SCALE "

#51 CLOSE

#52 75'

#53 200'

HWY DEPT. 1193.08

N

PRINTED ON RECYCLED PAPER

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 50

MEDIAN

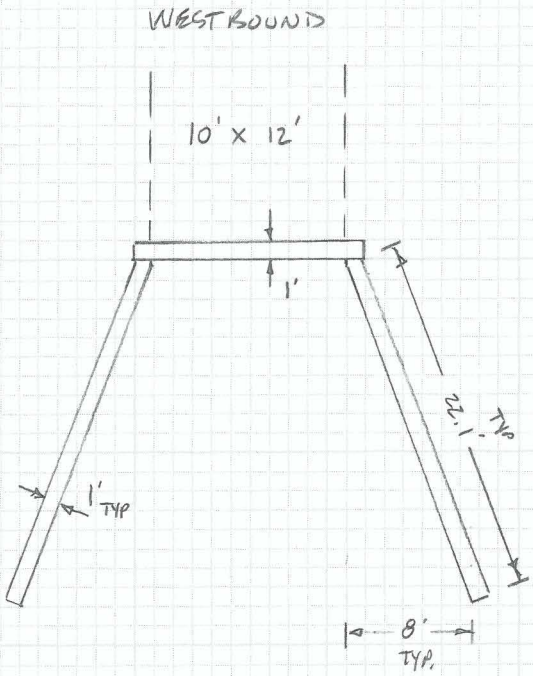
☒ H. BEJARANO

† D. ACOSTA

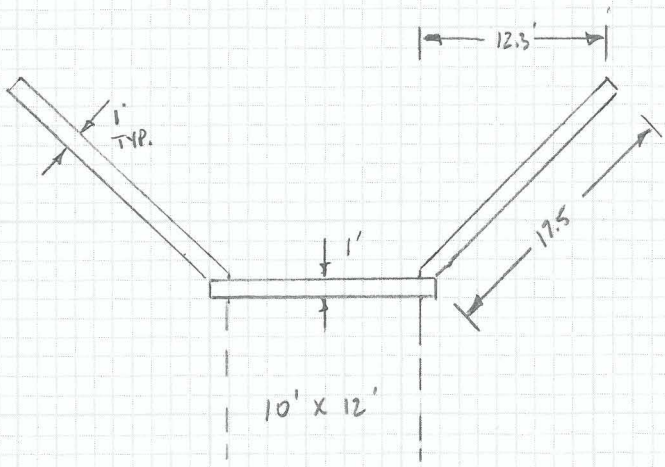
✓ PICTURES

230 FACING NORTH 0-0 223

231 FACING SOUTH 0-0 224



2 EA. SINGLE BARREL BOX CULVERT



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-09-07 | SUBJ. | OF

GPS POINT NUMBER

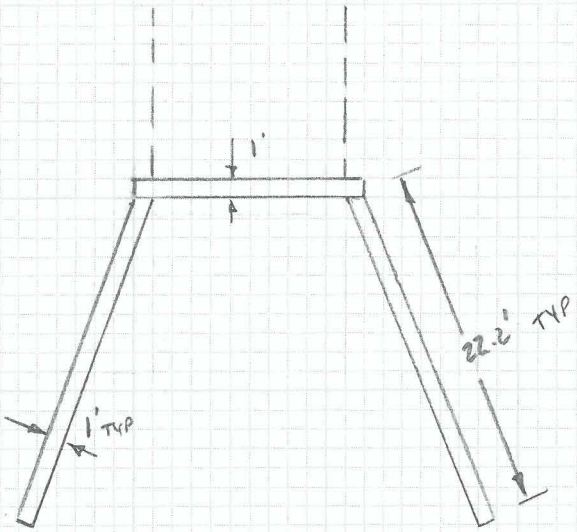
SURVEY DRAINAGE STRUCTURE # 50

H. BELARANO

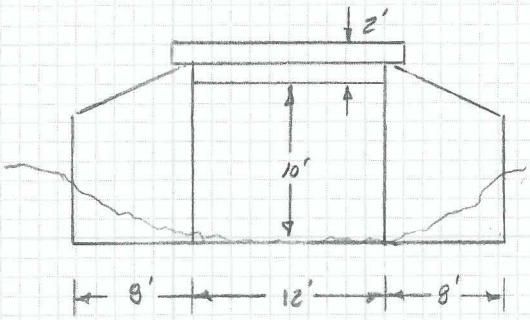
Pt Range - 11962 - 11982

PICTURES

117	200'	0109
118	100'	0110
119	CLOSE	0111



SINGLE BARREL BOX CULVERT
VEHICLE TRAFFIC
PLAN VIEW



SOUTH FACE

EAST BOUND

48 EB SS @200'

48 EB SS Close

48 WB NS @ 200'

48 WB NS Close

48 EB SS Median

48 WB NS Median

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 48

MEDIAN

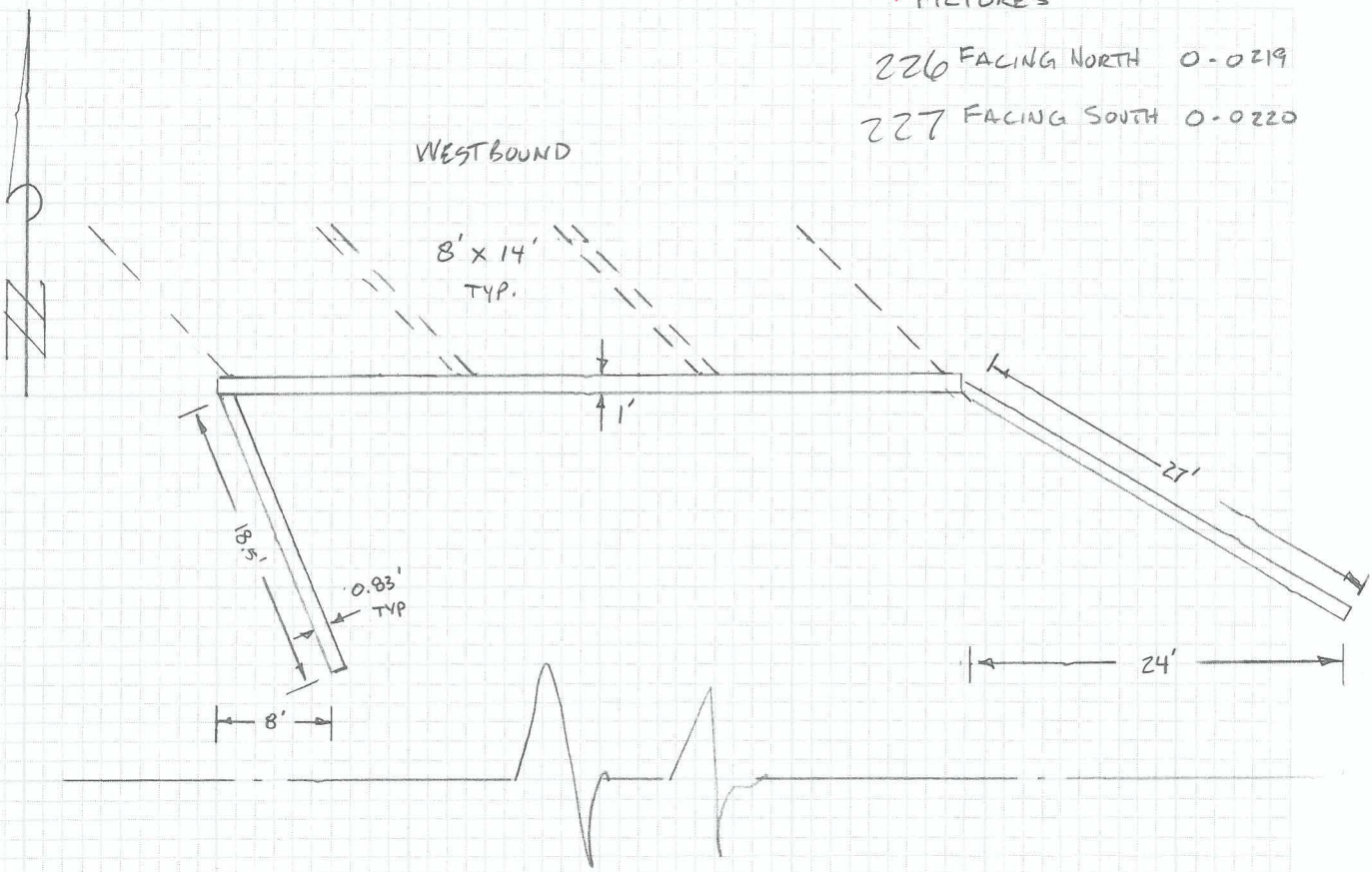
CA H. BEJARANO

D. ACOSTA

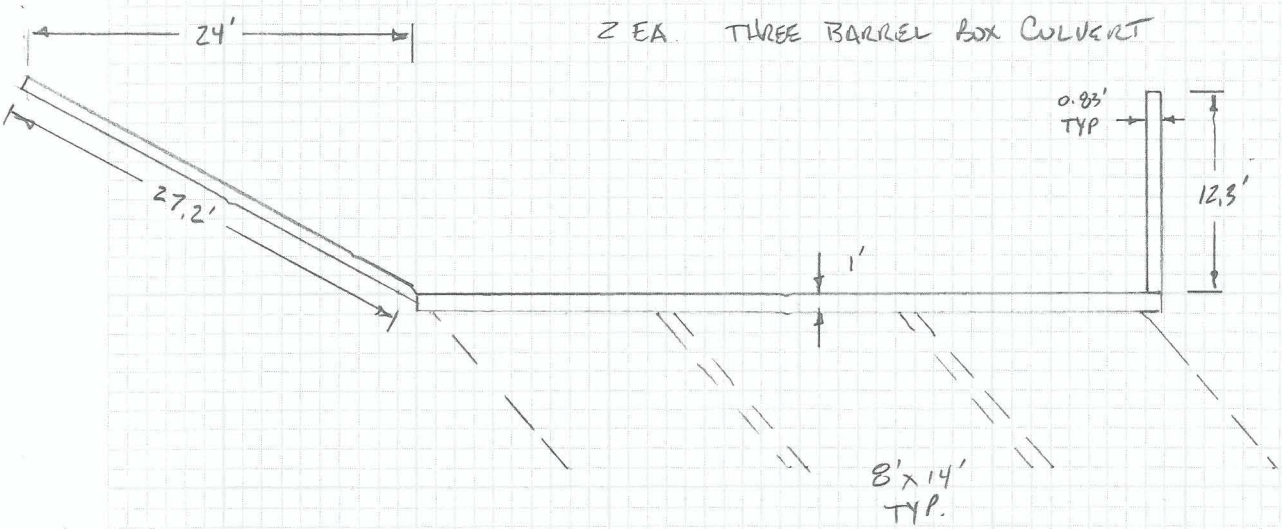
✓ PICTURES

226 FACING NORTH 0-0219

227 FACING SOUTH 0-0220



2 EA THREE BARREL BOX CULVERT



EASTBOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-09-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

BY H. BEJARANO

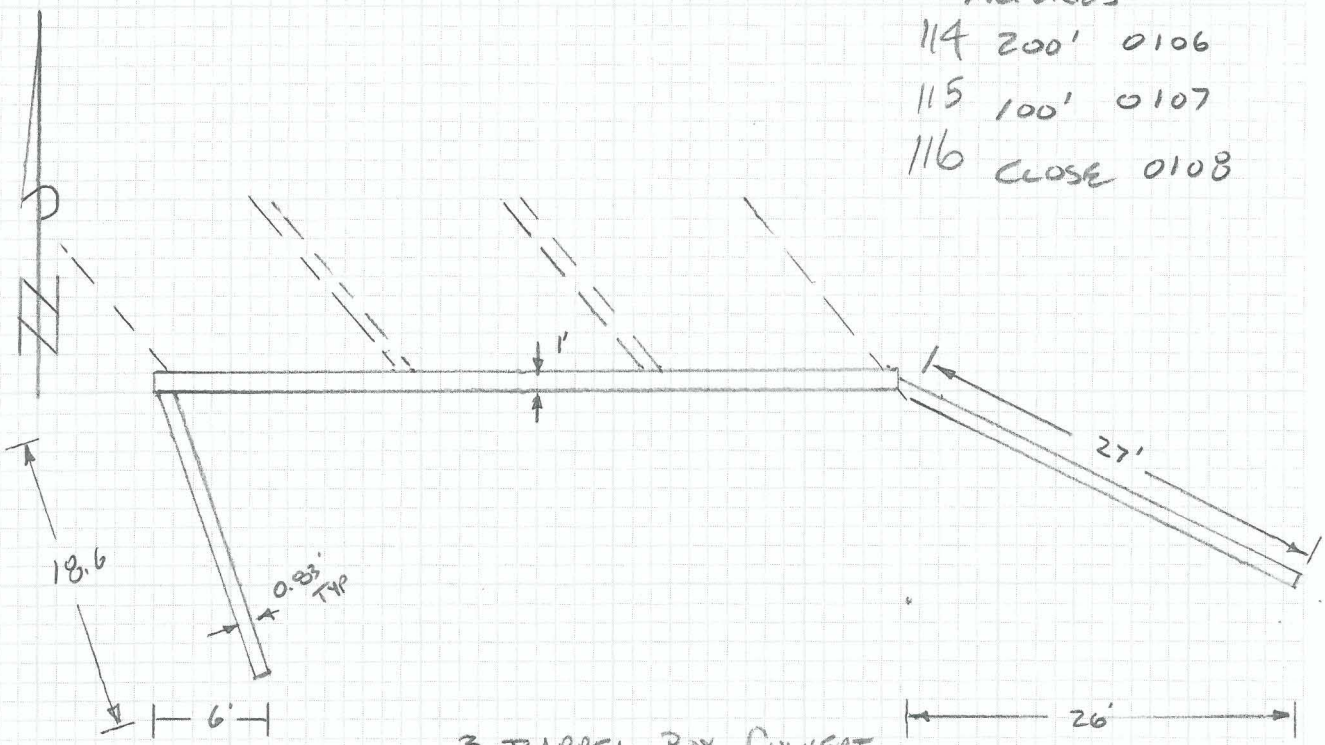
SURVEY DRAINAGE STRUCTURE # 48 Pt Range - 11933 - 11961

PICTURES

114 200' 0106

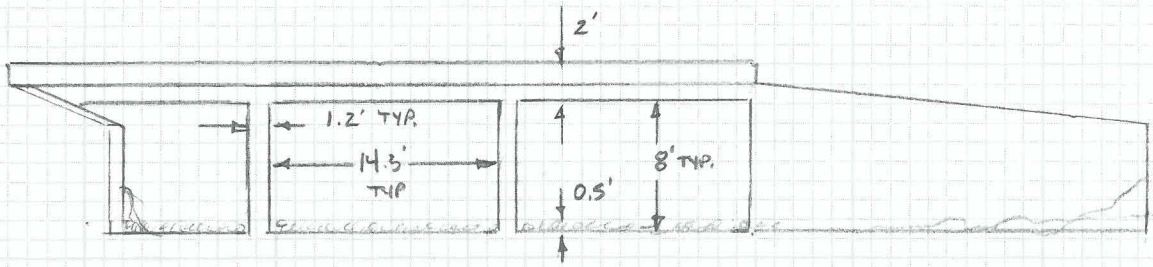
115 100' 0107

116 CLOSE 0108



3 BARREL BOX CULVERT

PLAN VIEW



SOUTH FACE

EAST BOUND

COMP.

CK.

DATE 10-22-07

WILSON & COMPANY

LOC. TONOPAH, AZ FILE

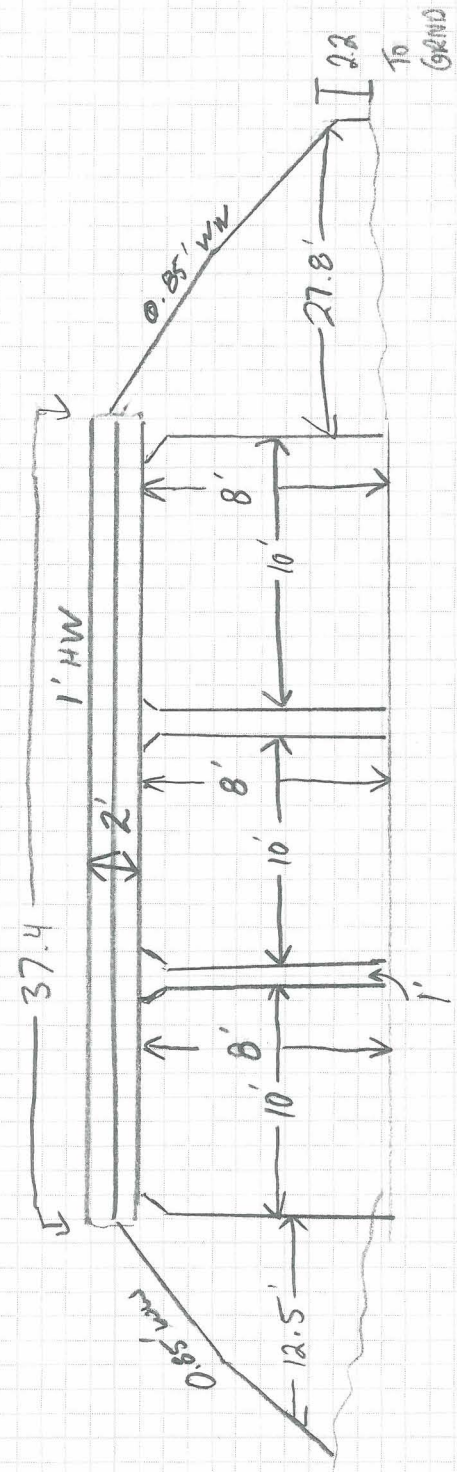
PROJ. J-10 STRUCTURES SHEET

SUBJ. OF

SR/AJ
Structure #48
North Face
West Bound

Pt Range 2470 - 2508

Ac # 87 - 89



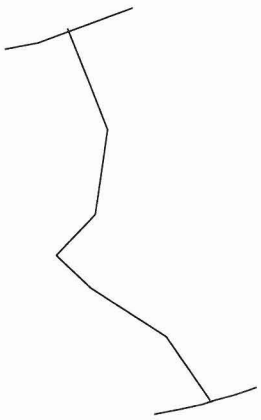
87 Close

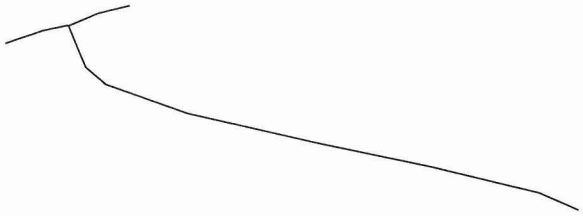
88 75'

89 200'

N

PRINTED ON RECYCLED PAPER





W&C

49

Sta. 4854+00.00

Structure #49
Station 4854+00.00

(North of I-10)
1932,912771.7380,378152.5380,1188.7790,BREAKLINE
1933,912768.5050,378143.0470,1189.2580,BREAKLINE
1934,912766.2450,378134.4890,1189.3140,BREAKLINE
1935,912765.6970,378132.6580,1189.5600,TOP OF OPENING
1936,912764.4950,378128.7560,1189.8880,BREAKLINE
1937,912762.4540,378119.2550,1189.4890,BREAKLINE
1938,912760.2750,378107.9430,1190.0390,BREAKLINE
1939,912770.7710,378130.5380,1186.5390,FL ES
1940,912766.2670,378132.2290,1186.4710,RCP
1941,912793.7400,378113.1660,1186.8500,DITCH FLOWLINE
1942,912814.9640,378080.1190,1187.3800,DITCH FLOWLINE
1943,912829.0130,378065.2420,1187.9170,DITCH FLOWLINE
1944,912846.7160,378082.0640,1189.0030,DITCH FLOWLINE
1945,912883.4630,378087.2890,1189.5390,DITCH FLOWLINE
1946,912927.2690,378069.6890,1190.5730,DITCH FLOWLINE
1947,912936.2890,378097.9980,1190.5710,BREAKLINE
1948,912929.6890,378080.0880,1190.8490,BREAKLINE
1949,912921.0790,378056.7160,1190.9790,BREAKLINE
1950,912918.4120,378042.5670,1191.0260,BREAKLINE

(Middle of I-10)
13241,912609.9310,378209.9640,1188.7560,BREAKLINE
13242,912606.6430,378196.3060,1187.8390,BREAKLINE
13243,912601.8600,378184.9230,1188.5070,BREAKLINE
13244,912601.2880,378183.3860,1185.4860,BREAKLINE
13245,912601.3980,378182.7020,1188.4970,BREAKLINE
13246,912599.2370,378172.2570,1186.7320,BREAKLINE
13247,912593.7160,378155.8850,1186.2640,BREAKLINE
13248,912596.9330,378184.8980,1185.2840,FL ES
13249,912583.3190,378190.8480,1185.1730,FL DITCH
13250,912576.0390,378199.4730,1184.8820,FL DITCH
13251,912563.3740,378235.2090,1184.8350,FL DITCH
13252,912550.7460,378289.9180,1184.2830,FL DITCH
13253,912539.8840,378341.4320,1183.2890,FL DITCH
13254,912528.8620,378387.3840,1182.8620,FL DITCH
13255,912521.4080,378404.4760,1182.2850,FL DITCH

(South I-10)
n/a

49 WB NS @ 200'

49 WB NS Close

49 WB NS Median

49 EB SS Median

COMP.

CK.

DATE 10/16/07

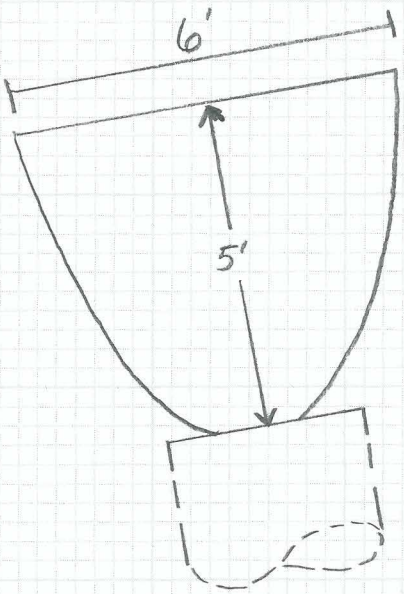
WILSON & COMPANY

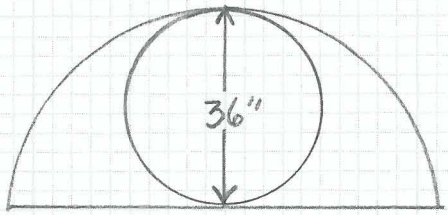
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #49
North Face
West Bound
CMP





47 EB SS Median

47 WB NS Median

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-09-07 | SUBJ. | OF

GPS POINT NUMBER

H. BEJARANO

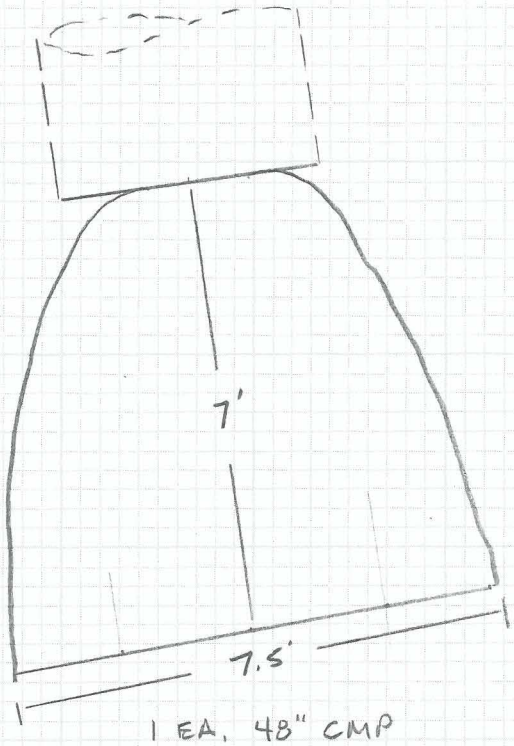
SURVEY DRAINAGE STRUCTURE # 47 Pt Range - 11913-11982

PICTURES

111 200' 0103

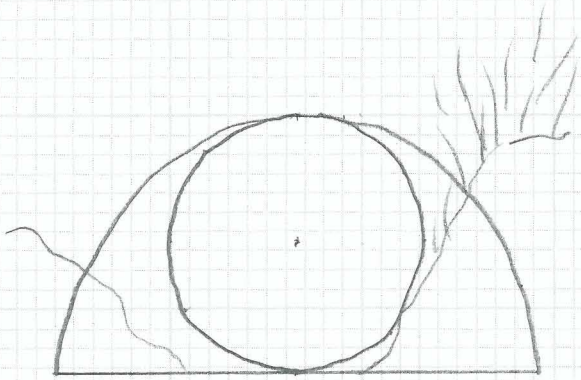
112 100' 0104

113 CLOSE 0105



1 EA. 48" CMP

PLAN VIEW



SOUTH FACE

EAST BOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

WILSON & COMPANY

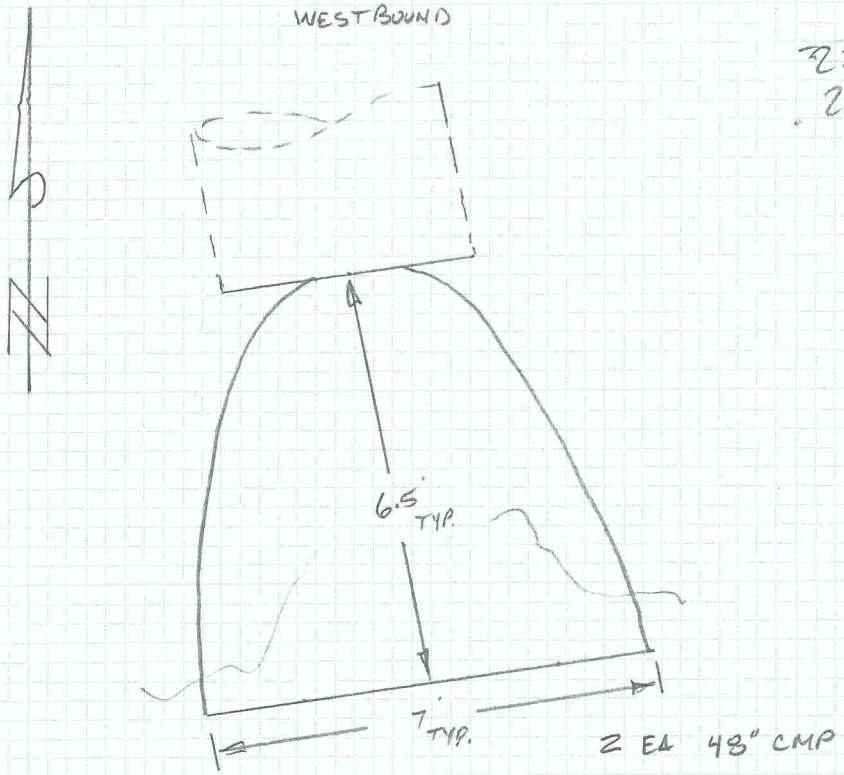
GPS POINT NUMBER — H. BEJARANO

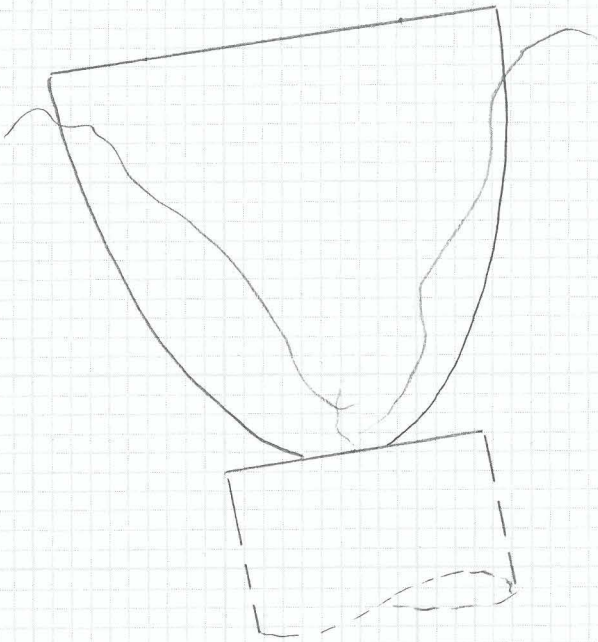
SURVEY DRAINAGE STRUCTURE # 47 — D. ACOSTA

✓ PICTURES

224 FACING NORTH 0-0217

225 FACING SOUTH 0-0218





COMP.

CK.

DATE 10/16/07

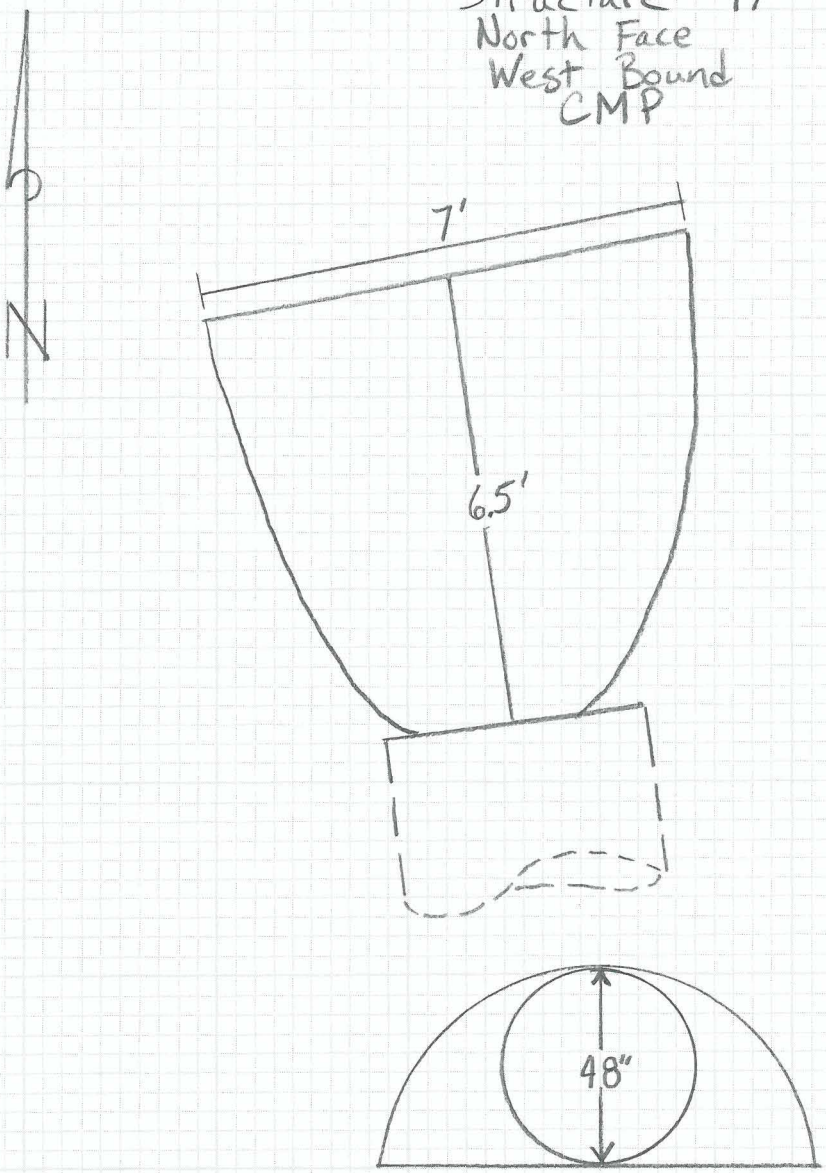
WILSON & COMPANY

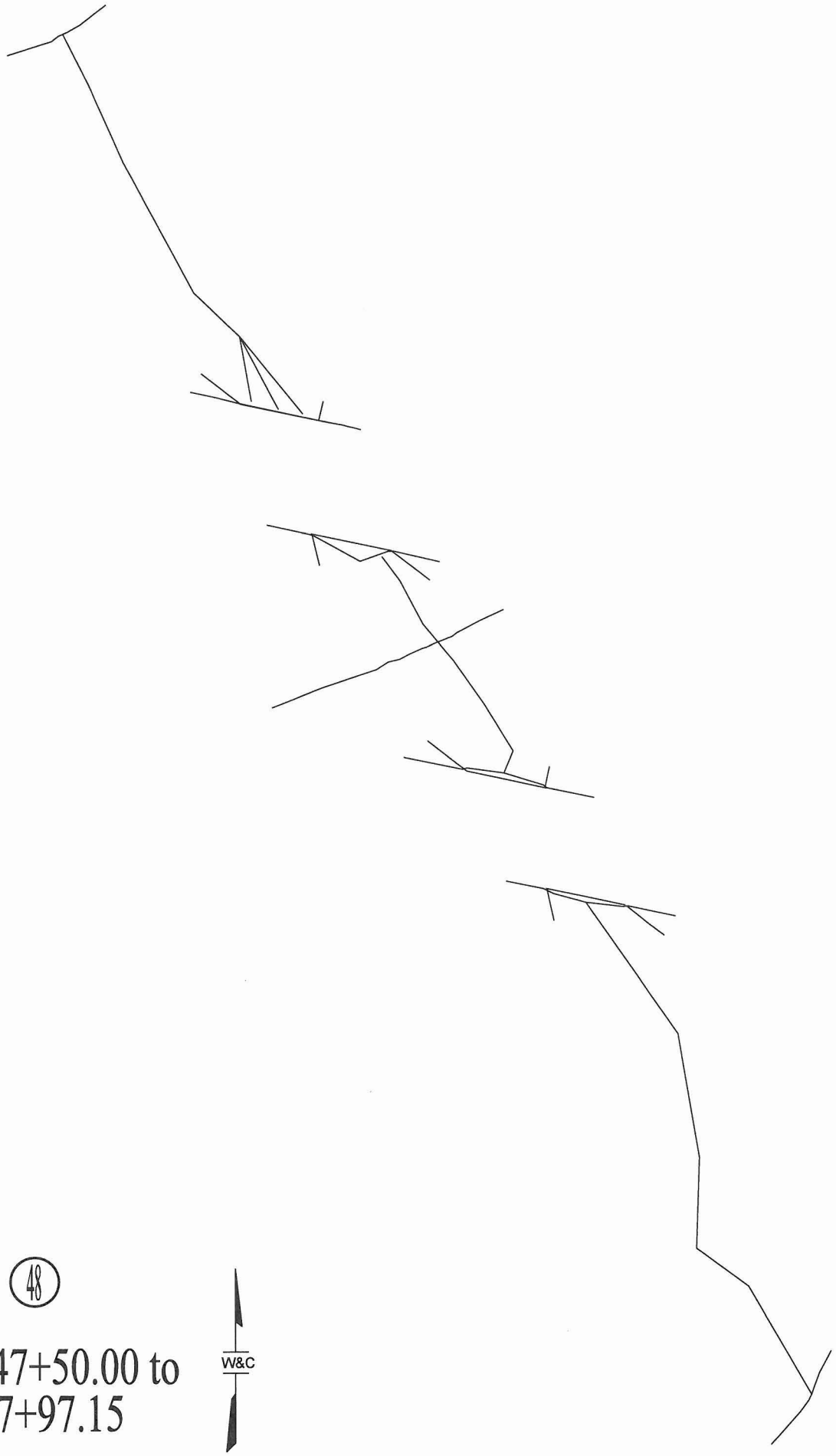
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #47
North Face
West Bound
CMP





48

Sta. 4847+50.00 to
4847+97.15

W&C

Structure #48
Station 4847+50.00 to 4847+97.15

(North of I-10)
2476,912896.5830,377363.4700,1197.0960,BREAKLINE
2477,912899.3160,377352.3510,1197.2040,BREAKLINE
2478,912901.5300,377340.2150,1197.3630,BREAKLINE
2479,912903.0710,377332.7840,1198.4010,TOP OF OPENING
2480,912906.2820,377317.8570,1198.4270,TOP OF OPENING
2481,912909.4750,377303.0830,1198.3770,TOP OF OPENING
2482,912911.4840,377293.8680,1197.3460,BREAKLINE
2483,912914.6690,377281.3410,1197.2710,BREAKLINE
2484,912917.7270,377267.0310,1197.2230,BREAKLINE
2485,912928.1060,377273.1440,1194.8820,WINGWALL
2486,912911.4310,377294.9600,1197.4320,WINGWALL
2487,912910.9550,377295.0880,1198.4330,HEADWALL
2488,912901.5450,377340.0300,1198.3810,HEADWALL
2489,912901.9300,377339.7770,1197.3990,WINGWALL
2490,912912.4880,377342.1690,1194.8900,WINGWALL
2491,912928.5680,377273.2940,1192.1080,SPOT
2492,912905.3450,377330.9360,1188.5160,RCP
2493,912905.3130,377330.8830,1188.5170,DITCH FLOWLINE
2494,912907.9390,377317.0620,1189.2170,RCP
2495,912907.9270,377317.0390,1189.2340,DITCH FLOWLINE
2496,912911.5190,377301.9710,1189.0600,RCP
2497,912912.4190,377301.7300,1189.1490,DITCH FLOWLINE
2498,912949.1830,377294.9500,1189.2360,DITCH FLOWLINE
2499,912973.7440,377268.8530,1189.0750,DITCH FLOWLINE
2500,913047.8430,377228.5120,1189.5170,DITCH FLOWLINE
2501,913089.0860,377209.9430,1189.5570,DITCH FLOWLINE
2502,913108.4660,377162.5210,1193.3620,BREAKLINE
2503,913116.3710,377187.6030,1192.7040,BREAKLINE
2504,913119.4290,377191.5070,1190.4750,BREAKLINE
2505,913120.4300,377194.0620,1189.8330,DITCH FLOWLINE
2506,913121.6280,377196.5230,1189.7460,BREAKLINE
2507,913125.4860,377203.4250,1193.0890,BREAKLINE
2508,913136.9620,377218.3120,1193.5120,BREAKLINE

(Middle of I-10)
6200,912658.6750,377521.2340,1195.1110,BREAKLINE
6201,912664.2270,377494.2920,1195.8480,BREAKLINE
6202,912676.2340,377495.8850,1192.9980,WINGWALL
6203,912669.8510,377494.4920,1194.8560,WINGWALL
6204,912664.4100,377493.4210,1195.7800,WINGWALL
6205,912664.0820,377493.9270,1196.7710,HEADWALL
6206,912667.2550,377479.3720,1196.7530,HEADWALL
6207,912669.8150,377467.5280,1196.7590,HEADWALL
6208,912672.2310,377456.1180,1196.7740,HEADWALL
6209,912673.7790,377448.8100,1196.8010,HEADWALL
6210,912672.2920,377456.6670,1194.7400,TOP OF OPENING
6211,912669.0630,377471.7860,1194.6980,TOP OF OPENING
6212,912665.8190,377486.7700,1194.7250,TOP OF OPENING
6213,912673.8960,377448.6280,1195.6590,WINGWALL
6214,912674.2230,377448.4590,1195.7480,WINGWALL
6215,912682.8740,377437.0340,1194.6650,WINGWALL
6216,912690.6950,377426.9030,1193.0520,WINGWALL
6217,912665.8280,377492.3680,1188.4210,BREAKLINE
6218,912672.6300,377470.0900,1189.6180,BREAKLINE
6219,912675.4960,377449.1100,1186.9830,BREAKLINE
6220,912674.7600,377446.5400,1195.5690,BREAKLINE
6221,912681.4960,377413.4120,1195.5520,BREAKLINE
6222,912709.4730,377339.1560,1194.0550,BREAKLINE
6223,912713.8580,377350.4470,1193.3540,BREAKLINE
6224,912720.7660,377367.3230,1190.6400,BREAKLINE

6225,912731.0910,377398.1110,1188.9030,BREAKLINE
6226,912735.2880,377404.5920,1188.2840,BREAKLINE
6227,912736.8090,377411.0390,1188.3160,BREAKLINE
6228,912739.5480,377416.2240,1188.2890,BREAKLINE
6229,912742.9730,377423.7500,1187.8260,BREAKLINE
6230,912743.5860,377426.0050,1187.5400,BREAKLINE
6231,912745.9120,377431.1410,1187.6220,BREAKLINE
6232,912749.6240,377440.5950,1189.9940,BREAKLINE
6233,912751.7640,377443.4000,1190.3370,BREAKLINE
6234,912758.4770,377456.1290,1193.5810,BREAKLINE
6235,912764.7830,377469.7820,1193.4730,BREAKLINE
6236,912684.9710,377475.2500,1187.3170,FL DITCH
6237,912711.3770,377458.9450,1182.8480,FL DITCH
6238,912735.8360,377441.6140,1182.6010,FL DITCH
6239,912756.7020,377424.1520,1187.9180,FL DITCH
6240,912781.0420,377411.1930,1188.1910,FL DITCH
6241,912794.7200,377400.9590,1192.4560,FL DITCH
13203,912781.5300,377428.0250,1194.0740,WINGWALL
13204,912788.7110,377418.6660,1195.7380,WINGWALL
13205,912798.0260,377406.3140,1196.8740,WINGWALL
13206,912798.1740,377406.2710,1197.8630,HEADWALL
13207,912802.9920,377383.3580,1197.8190,HEADWALL
13208,912807.6300,377361.0600,1197.8080,HEADWALL
13209,912807.4250,377361.5650,1196.7320,WINGWALL
13210,912789.7270,377365.7620,1192.8090,WINGWALL
13211,912806.0800,377368.1890,1195.7240,TOP OF OPENING
13212,912802.8290,377383.2920,1195.7660,TOP OF OPENING
13213,912799.6750,377398.1540,1195.7710,TOP OF OPENING
13214,912791.8860,377433.5930,1196.1560,BREAKLINE
13215,912797.8950,377407.3490,1196.8070,BREAKLINE
13216,912797.6780,377404.0750,1187.8070,BREAKLINE
13217,912792.1710,377388.5310,1188.3520,BREAKLINE
13218,912806.5460,377362.4500,1185.1130,BREAKLINE
13219,912807.2030,377360.6290,1196.5220,BREAKLINE
13220,912812.5300,377336.1230,1196.7840,BREAKLINE

(South of I-10)
11933,912573.3370,377513.2630,1195.0520,WINGWALL
11934,912555.4890,377517.2280,1191.1720,WINGWALL
11935,912573.6560,377512.7060,1196.1040,HEADWALL
11936,912569.1250,377534.6570,1196.2370,HEADWALL
11937,912564.2190,377557.5910,1196.2470,HEADWALL
11938,912563.9210,377558.0260,1195.2390,WINGWALL
11939,912554.6460,377569.7640,1194.1610,WINGWALL
11940,912547.2550,377579.7170,1192.7570,WINGWALL
11941,912558.1340,377586.1520,1194.5360,BREAKLINE
11942,912563.6820,377559.2250,1195.0410,BREAKLINE
11943,912563.3620,377556.0880,1186.6850,BREAKLINE
11944,912565.7710,377535.2840,1186.5910,BREAKLINE
11945,912570.7430,377517.0520,1186.7000,BREAKLINE
11946,912573.6380,377511.1190,1195.3950,BREAKLINE
11947,912577.8560,377490.1330,1194.8700,BREAKLINE
11948,912572.0590,377519.6150,1193.9460,TOP OF OPENING
11949,912568.8660,377534.6740,1194.0980,TOP OF OPENING
11950,912565.5570,377549.8390,1194.1220,TOP OF OPENING
11951,912491.7640,377587.4630,1186.3470,FL DITCH
11952,912422.0080,377599.5120,1185.6290,FL DITCH
11953,912370.7980,377597.8860,1184.8670,FL DITCH
11954,912349.3550,377627.4030,1184.7770,FL DITCH
11955,912313.2400,377674.1440,1186.0960,BREAKLINE
11956,912300.9330,377667.5060,1185.7850,BREAKLINE
11957,912292.9200,377664.5530,1184.7510,BREAKLINE
11958,912288.6410,377663.0750,1184.5520,BREAKLINE
11959,912285.2050,377661.4000,1185.0410,BREAKLINE
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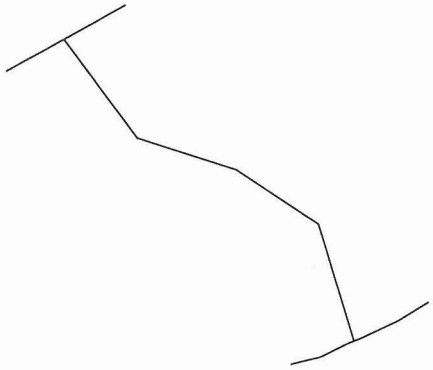
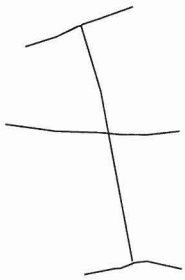
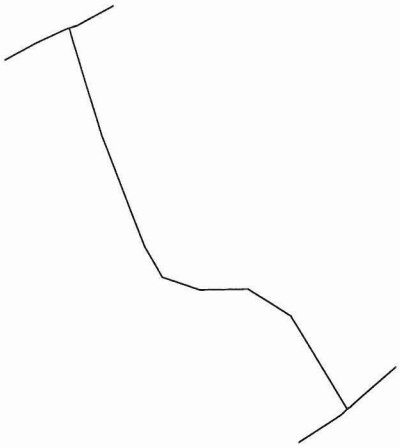
11961,912260.6650,377640.1630,1186.2840,BREAKLINE







46

W&C

Sta. 4830+00.00

Structure #46
Station 4830+00.00

(North of I-10)
1972,913279.2780,375718.4600,1203.9050,BREAKLINE
1973,913271.0370,375705.0780,1204.2960,BREAKLINE
1974,913263.4640,375688.9750,1205.5630,BREAKLINE
1975,913262.6860,375685.9750,1205.4050,TOP OF OPENING
1976,913261.4440,375683.6910,1205.7000,BREAKLINE
1977,913255.4220,375671.3970,1206.6340,BREAKLINE
1978,913252.3590,375658.7770,1206.8530,BREAKLINE
1979,913267.8370,375683.9520,1201.4940,FL ES
1980,913262.7130,375686.0830,1201.5890,RCP
1981,913313.0830,375670.5480,1202.6800,DITCH FLOWLINE
1982,913336.7780,375634.7320,1203.1540,DITCH FLOWLINE
1983,913350.6320,375591.7460,1203.3370,DITCH FLOWLINE
1984,913393.2490,375559.8490,1204.2900,DITCH FLOWLINE
1985,913408.4790,375586.4040,1204.8020,BREAKLINE
1986,913400.3360,375571.9320,1204.4670,BREAKLINE
1987,913386.8240,375547.4740,1204.5410,BREAKLINE
1988,913379.7370,375534.5510,1204.4450,BREAKLINE

(Middle of I-10)
6172,913040.3330,375730.2410,1203.1760,BREAKLINE
6173,913042.9640,375743.9260,1202.8620,BREAKLINE
6174,913042.9900,375745.8740,1202.5690,BREAKLINE
6175,913044.7280,375750.4610,1202.0850,BREAKLINE
6176,913045.3030,375751.5080,1198.6760,BREAKLINE
6177,913045.4680,375752.4010,1201.9870,BREAKLINE
6178,913045.9650,375757.5200,1202.6460,BREAKLINE
6180,913042.6210,375772.5760,1202.5570,BREAKLINE
13174,913138.8550,375704.9070,1202.7280,BREAKLINE
13175,913143.0780,375718.3120,1202.6740,BREAKLINE
13176,913147.5870,375727.4450,1203.8330,BREAKLINE
13177,913147.8430,375728.8100,1200.3630,BREAKLINE
13178,913148.4570,375729.4460,1203.8660,BREAKLINE
13179,913150.9560,375736.9980,1204.1830,BREAKLINE
13180,913156.0000,375751.2680,1204.9070,BREAKLINE
13181,913142.7740,375730.8560,1200.0890,FL ES
13182,913119.1510,375737.4320,1199.4250,FL DITCH
13183,913087.6320,375743.2980,1199.2950,FL DITCH
13184,913046.0570,375751.0790,1198.7140,FL DITCH
13185,913102.1400,375771.6290,1203.2480,BREAKLINE
13186,913100.6500,375757.6470,1202.5320,BREAKLINE
13187,913100.7410,375746.0250,1199.6080,BREAKLINE
13188,913101.6050,375737.7040,1199.5060,BREAKLINE
13189,913102.2890,375717.7810,1202.2530,BREAKLINE
13190,913105.3410,375696.2210,1202.4670,BREAKLINE

(South of I-10)
11890,912919.0890,375760.6640,1201.5940,BREAKLINE
11891,912926.4400,375774.3900,1201.5190,BREAKLINE
11892,912932.4300,375787.3410,1202.9700,BREAKLINE
11893,912932.8610,375788.7900,1199.3400,BREAKLINE
11894,912933.2760,375790.1030,1202.8710,BREAKLINE
11895,912933.8650,375792.3110,1202.4760,BREAKLINE
11896,912933.0110,375788.7270,1203.0590,TOP OF OPENING
11897,912942.3910,375807.9930,1203.4460,BREAKLINE
11898,912927.6620,375790.2420,1199.2410,FL DITCH
11899,912886.2870,375802.8620,1199.0800,FL DITCH
11900,912838.2900,375821.3540,1199.6490,FL DITCH
11901,912825.1340,375828.8680,1199.1870,FL DITCH

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11902,912819.5520,375845.1040,1198.4090,FL DITCH
11903,912819.8900,375866.1030,1198.5230,FL DITCH
11904,912808.1910,375884.8490,1198.4130,FL DITCH
11905,912753.5650,375887.9430,1199.0500,BREAKLINE
11906,912765.2610,375906.2450,1198.7060,BREAKLINE
11907,912766.8960,375908.1540,1198.4260,BREAKLINE
11908,912767.9780,375909.2580,1198.2720,FL DITCH
11909,912768.5460,375909.8890,1198.3560,BREAKLINE
11910,912768.8070,375910.5720,1198.5310,BREAKLINE
11911,912770.1310,375911.8300,1198.6940,BREAKLINE
11912,912786.2560,375930.4450,1199.0970,BREAKLINE
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46 E B SS Close

46 EB SS @ 200'

46 WB NS @ 200'

46 WB NS Close

46 WB NS Median

46 EB SS Median

COMP.

CK.

DATE 10/16/07

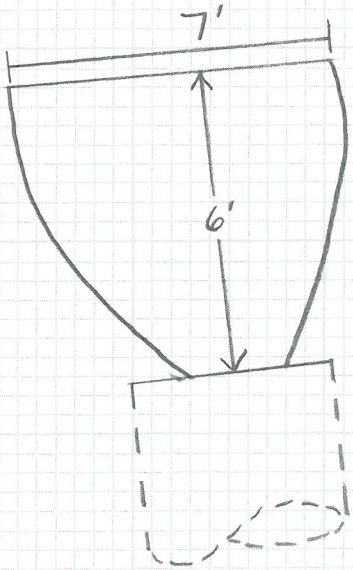
WILSON & COMPANY

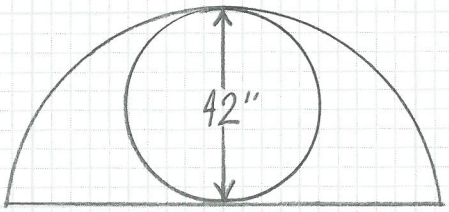
LOC. FILE

PROJ. SHEET

SUBJ. OF

Structure #46
North Face
West Bound
CMP





COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 46

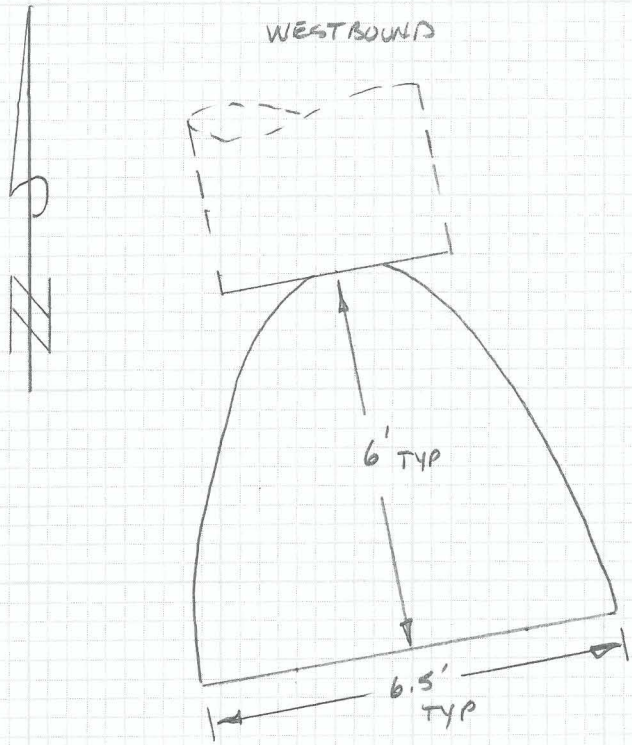
MEDIAN

H. BEJARANO & D. ACOSTA

PICTURES

223 FACING NORTH 0-0215

222 FACING SOUTH 0-0216



COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-09-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

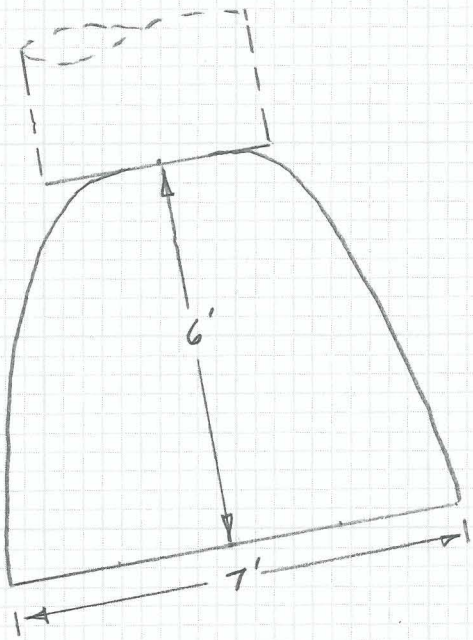
SURVEY DRAINAGE STRUCTURE # 46

BY H. BEJARANO

Pt Range - 11890 - 11912

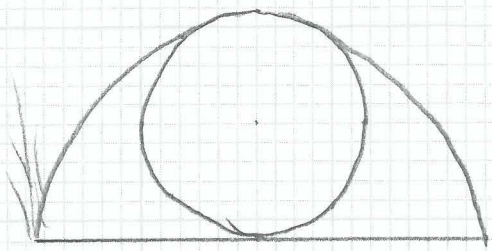
PICTURES

108	200'	0100
109	100'	0101
110	CLOSE	0102



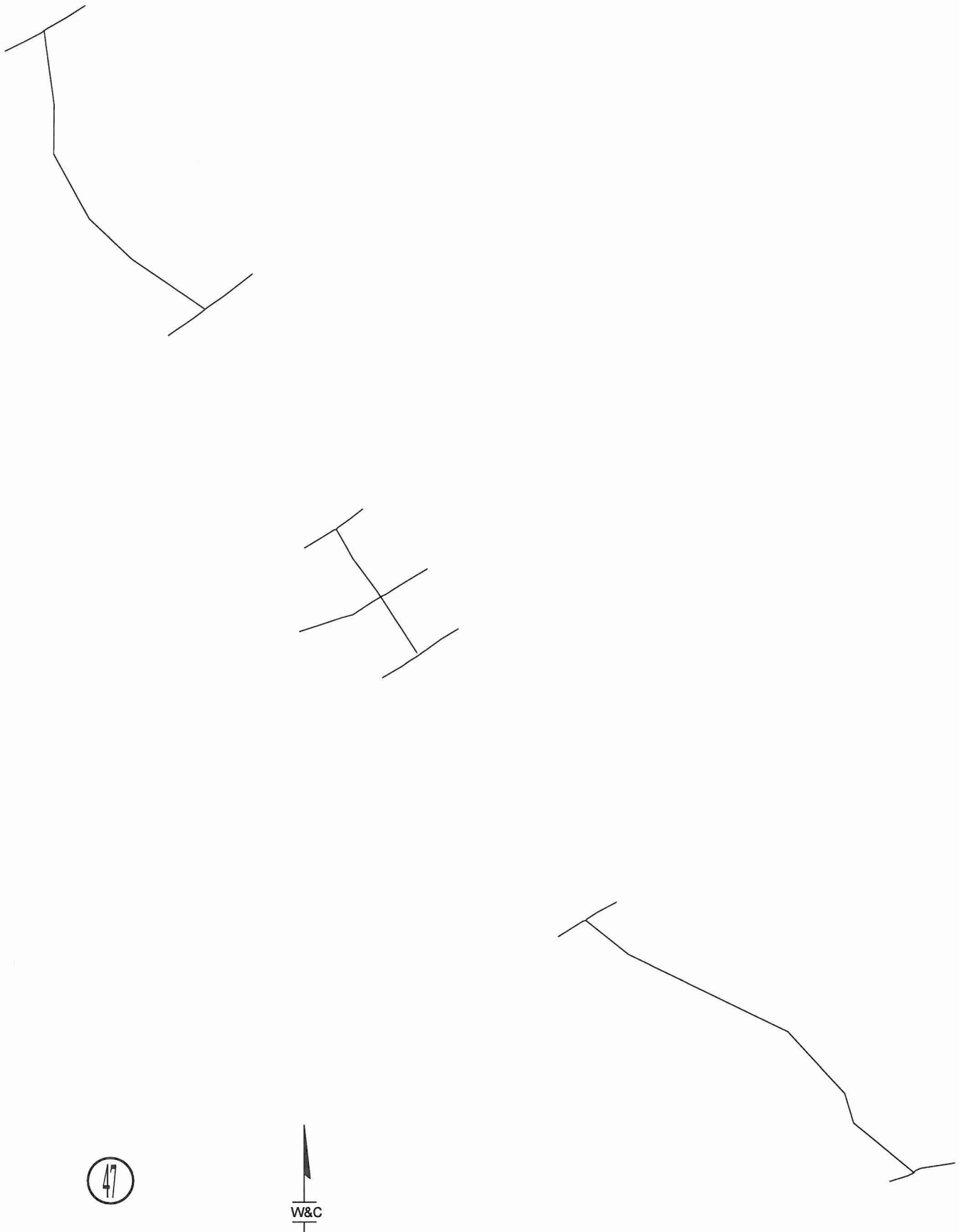
1 EA. 42" CMP

PLAN VIEW



SOUTH FACE

EAST BOUND


47
W&C
Sta. 4838+15.00

Structure #47
Station 4838+15.00

(North of I-10)
1951,913162.5980,376384.6350,1199.1130,BREAKLINE
1952,913154.2690,376373.8920,1198.5270,BREAKLINE
1953,913148.0220,376365.6750,1197.8380,BREAKLINE
1954,913142.1610,376357.0550,1199.1930,BREAKLINE
1955,913141.0940,376355.2800,1199.4960,TOP OF OPENING
1956,913138.5690,376352.5870,1199.5730,BREAKLINE
1957,913135.0090,376347.6750,1200.4090,BREAKLINE
1958,913124.9720,376333.1290,1202.0720,BREAKLINE
1959,913146.6580,376351.7810,1195.5060,FL ES
1960,913141.4140,376355.1370,1195.4710,RCP
1961,913171.6200,376310.7010,1196.3200,DITCH FLOWLINE
1962,913196.2070,376284.5380,1196.0430,DITCH FLOWLINE
1963,913235.7510,376262.6810,1196.3890,DITCH FLOWLINE
1964,913265.6650,376262.7670,1198.2270,DITCH FLOWLINE
1965,913310.1020,376256.4510,1199.6190,DITCH FLOWLINE
1966,913326.1590,376281.3030,1200.4820,BREAKLINE
1967,913318.6260,376269.4960,1200.6060,BREAKLINE
1968,913311.9050,376257.9780,1199.6640,BREAKLINE
1969,913309.1830,376254.0020,1199.7350,BREAKLINE
1970,913304.8260,376245.6320,1200.4050,BREAKLINE
1971,913298.3100,376232.6040,1200.4040,BREAKLINE

(Middle of I-10)
6181,912910.8500,376540.3610,1195.9490,BREAKLINE
6182,912904.6100,376529.9510,1196.1570,BREAKLINE
6183,912898.3530,376521.2080,1197.0850,BREAKLINE
6184,912895.6060,376517.1290,1196.8970,BREAKLINE
6185,912894.7190,376515.8500,1193.2070,BREAKLINE
6186,912893.9620,376514.7920,1196.7440,BREAKLINE
6187,912891.5030,376510.6170,1197.1000,BREAKLINE
6188,912887.7630,376505.2390,1197.3600,BREAKLINE
6189,912881.1020,376493.7400,1198.8320,BREAKLINE
6190,912899.9420,376512.3760,1193.0940,FL ES
6191,912947.2860,376521.2910,1196.1970,BREAKLINE
6192,912937.6850,376505.1130,1195.3800,BREAKLINE
6193,912931.9010,376496.1620,1193.7450,BREAKLINE
6194,912930.8860,376494.0190,1193.4610,BREAKLINE
6195,912926.8780,376487.3160,1194.1920,BREAKLINE
6196,912919.3610,376475.9480,1195.8470,BREAKLINE
6197,912917.3200,376468.4570,1196.3000,BREAKLINE
6198,912912.3440,376453.5240,1197.2040,BREAKLINE
6199,912909.0690,376443.2610,1196.9980,BREAKLINE
13191,912959.7620,376446.2900,1197.2170,BREAKLINE
13192,912966.1120,376456.8180,1197.0530,BREAKLINE
13193,912970.7630,376464.3690,1197.7480,BREAKLINE
13194,912971.1020,376465.6700,1194.0160,BREAKLINE
13195,912971.3010,376465.2480,1198.1700,TOP OF OPENING
13196,912972.1720,376466.5580,1197.8080,BREAKLINE
13197,912977.5300,376474.1090,1198.6240,BREAKLINE
13198,912983.6000,376481.8140,1199.1150,BREAKLINE
13199,912966.6990,376468.2970,1193.8780,FL ES
13200,912953.3270,376475.8820,1193.9560,FL DITCH
13201,912933.9050,376490.3120,1193.5490,FL DITCH
13202,912896.0620,376515.0530,1192.9700,FL DITCH

(South of I-10)
11913,912723.9170,376600.9010,1195.3830,BREAKLINE
11914,912733.2840,376615.9490,1195.5460,BREAKLINE

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11915,912733.8410,376617.8430,1191.9360,BREAKLINE
11916,912734.8230,376618.7560,1195.9200,BREAKLINE
11917,912738.8450,376624.9650,1196.0170,BREAKLINE
11918,912745.0090,376636.6820,1196.3980,BREAKLINE
11919,912734.0070,376617.3020,1196.2420,TOP OF OPENING
11920,912728.5590,376620.5130,1191.9390,FL ES
11921,912713.2200,376643.7310,1192.5780,FL DITCH
11922,912694.2350,376683.0150,1192.1310,FL DITCH
11923,912666.3180,376741.1460,1191.7670,FL DITCH
11924,912628.9020,376775.6860,1190.6640,FL DITCH
11925,912610.9280,376781.1570,1190.7770,FL DITCH
11926,912575.6270,376803.0330,1191.7660,BREAKLINE
11927,912579.0080,376813.9840,1191.8680,BREAKLINE
11928,912580.4340,376817.0740,1190.3580,BREAKLINE
11929,912580.9570,376817.9480,1190.1770,BREAKLINE
11930,912582.0430,376818.8820,1190.2470,BREAKLINE
11931,912583.5310,376822.1880,1191.8520,BREAKLINE
11932,912586.7500,376843.5070,1191.9000,BREAKLINE
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47 EB SS Close

47 EB SS @ 200'

47 WB NS close

47 WB NS @ 200'

52 WB NS @ 200'

52 WB NS Close

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

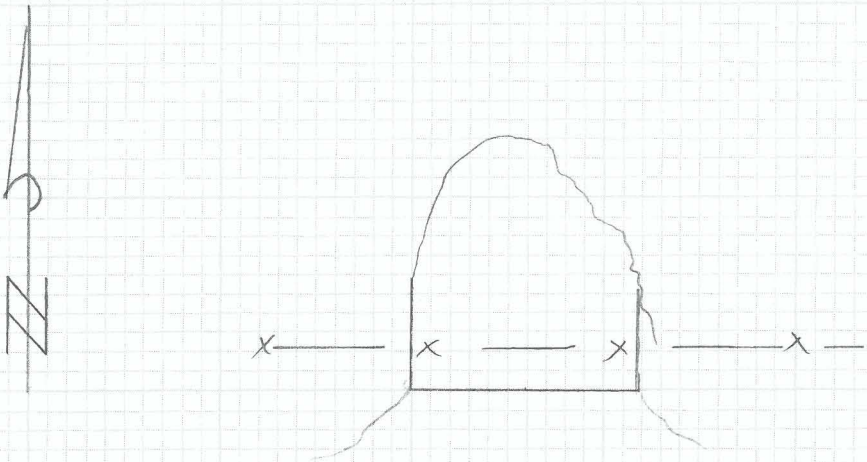
DATE 11-28-07 | SUBJ. | OF

WILSON & COMPANY

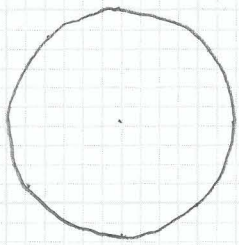
GPS POINT NUMBER
SURVEY DRAINAGE STRUCTURE #52

H. BEJARANO
D. ACOSTA

PICTURES
200' 0-0230
CLOSE 0-0229



1 EA. 30" RCP
PLAN VIEW



SOUTH FACE
EAST BOUND

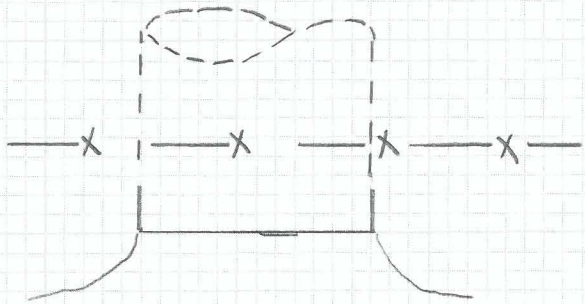
COMP. | LOC. | FILE

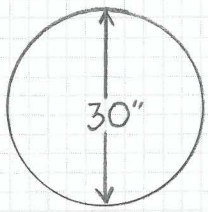
WILSON & COMPANY

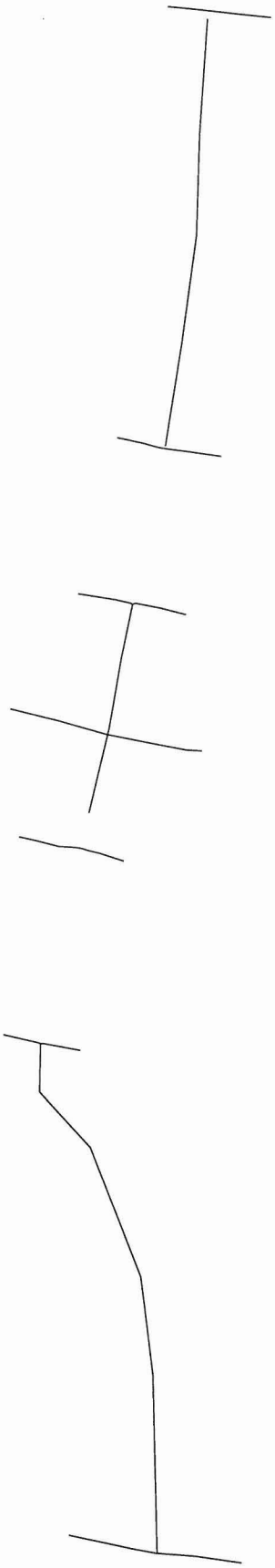
CK. | PROJ. | SHEET

DATE | SUBJ. | OF

Structure #52
North Face
West Bound
RCP







53

Sta. 4884+00.00

Structure #53
Station 4884+00.00

(North of I-10)
2090,912090.7230,381124.8650,1174.9610,BREAKLINE
2091,912092.7970,381109.9700,1175.1910,BREAKLINE
2092,912093.8510,381101.6610,1175.9170,BREAKLINE
2093,912095.1140,381098.2750,1175.6940,TOP OF OPENING
2094,912094.7820,381095.4560,1176.1450,BREAKLINE
2095,912097.0050,381087.3240,1175.2940,BREAKLINE
2096,912099.6310,381075.2770,1174.9640,BREAKLINE
2097,912095.6540,381098.2500,1173.0340,RCP
2098,912099.5300,381099.0330,1172.9940,FL ES
2099,912144.5880,381105.9460,1174.2160,DITCH FLOWLINE
2100,912195.8020,381112.5560,1174.7780,DITCH FLOWLINE
2101,912243.4490,381113.7850,1174.9610,DITCH FLOWLINE
2102,912298.6790,381117.3000,1175.3050,DITCH FLOWLINE
2103,912299.3680,381147.6190,1175.1780,BREAKLINE
2104,912301.0320,381131.6090,1175.1920,BREAKLINE
2105,912302.8860,381115.2640,1175.3410,BREAKLINE
2106,912304.5390,381098.4900,1175.3190,BREAKLINE

(Middle of I-10)
6288,911910.3240,381029.0050,1174.5630,BREAKLINE
6289,911908.4940,381037.0700,1174.4370,BREAKLINE
6290,911905.7440,381047.9760,1174.8640,BREAKLINE
6291,911905.2930,381055.1940,1174.5770,BREAKLINE
6292,911905.0370,381057.4720,1174.3210,BREAKLINE
6293,911904.8600,381058.3220,1171.8550,RCP
6294,911904.6370,381059.1750,1174.2380,BREAKLINE
6295,911904.7310,381058.3490,1174.4180,TOP OF OPENING
6296,911903.6180,381062.4660,1174.1590,BREAKLINE
6297,911902.5450,381067.0620,1174.7150,BREAKLINE
6298,911898.7810,381078.7600,1174.0920,BREAKLINE
6299,911909.0160,381058.9710,1171.7370,FL ES
13256,912025.5000,381056.9240,1175.2330,BREAKLINE
13257,912022.7200,381074.4880,1175.0690,BREAKLINE
13258,912021.0450,381081.8060,1174.5920,BREAKLINE
13259,912020.4600,381082.7480,1172.2250,BREAKLINE
13260,912020.8350,381082.8360,1174.8020,TOP OF OPENING
13261,912021.0180,381084.0860,1174.6920,BREAKLINE
13262,912018.6050,381096.3800,1174.8500,BREAKLINE
13263,912015.5330,381108.2570,1174.9520,BREAKLINE
13264,912016.5580,381082.5020,1172.2730,FL ES
13265,911994.7590,381077.4820,1172.0220,FL DITCH
13266,911961.9180,381071.8330,1171.9590,FL DITCH
13267,911921.5460,381062.2370,1171.6980,FL DITCH
13268,911950.9410,381115.9770,1174.4830,BREAKLINE
13269,911951.3520,381108.4240,1174.3160,BREAKLINE
13270,911955.4300,381087.3320,1172.1410,BREAKLINE
13271,911958.7780,381070.6250,1171.8660,BREAKLINE
13272,911965.3010,381047.6030,1172.7880,BREAKLINE
13273,911970.9230,381024.7540,1172.7450,BREAKLINE

(South of I-10)
11997,911816.5260,381021.6900,1173.1460,BREAKLINE
11998,911814.3210,381031.2070,1172.8670,BREAKLINE
11999,911812.8570,381037.6730,1172.8690,BREAKLINE
12000,911812.3200,381039.3320,1171.1630,BREAKLINE
12001,911812.2940,381040.8930,1173.1510,BREAKLINE
12002,911811.3920,381045.7770,1172.7300,BREAKLINE
12003,911809.0760,381058.2220,1172.6220,BREAKLINE

12004,911808.3090,381038.6700,1171.1910,FL ES
12005,911789.3840,381038.8880,1170.9250,FL DITCH
12006,911763.1770,381062.9510,1172.0970,FL DITCH
12007,911701.8240,381086.9400,1170.4820,FL DITCH
12008,911655.2400,381092.7700,1170.4280,FL DITCH
12009,911570.6150,381094.5820,1169.5650,FL DITCH
12010,911579.5340,381052.8010,1170.1280,BREAKLINE
12011,911573.3110,381081.6050,1169.7460,BREAKLINE
12012,911573.2960,381081.5500,1169.8250,BREAKLINE
12013,911570.9480,381094.1460,1169.4580,BREAKLINE
12014,911569.5130,381113.2570,1169.5260,BREAKLINE
12015,911566.4000,381134.9870,1169.4170,BREAKLINE

53 EB SS @ 200'

53 EB SS close

53 WB NS close

53 WB NS @ 200'

53 EB SS Median @ 100'

53 EB SS Median Close

53 WB NS Median close

53 WB NS Median @ 100'

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-13-07 | SUBJ. | OF

WILSON & COMPANY

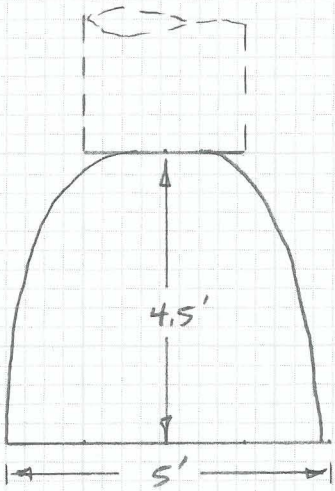
GPS POINT NUMBER

SURVE DRAINAGE STRUCTURE # 53

H. BEJARANO

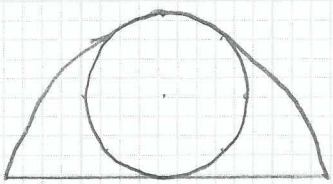
PICTURES

200'	221
100'	220
CLOSE	219



1 EA 30" CMP

PLAN VIEW



SOUTH FACE

EASTBOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 53

MEDIAN

H. BEJARANO

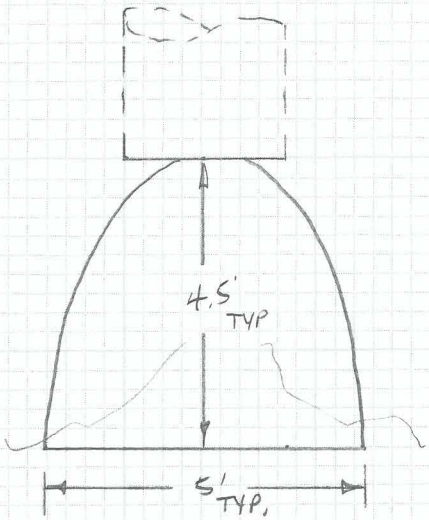
D. ACOSTA

PICTURES

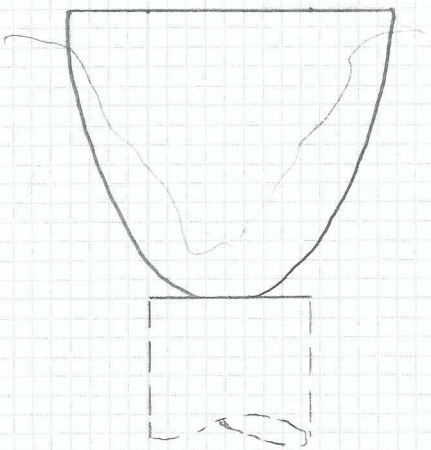
FACING NORTH 0-0231

FACING SOUTH 0-0232

WEST BOUND



2 EA 30" CMP



EAST BOUND

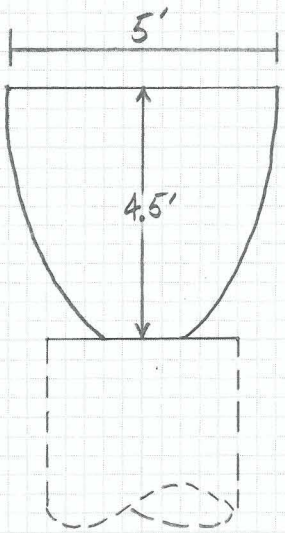
COMP. | LOC. | FILE

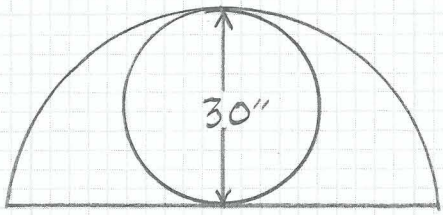
WILSON & COMPANY

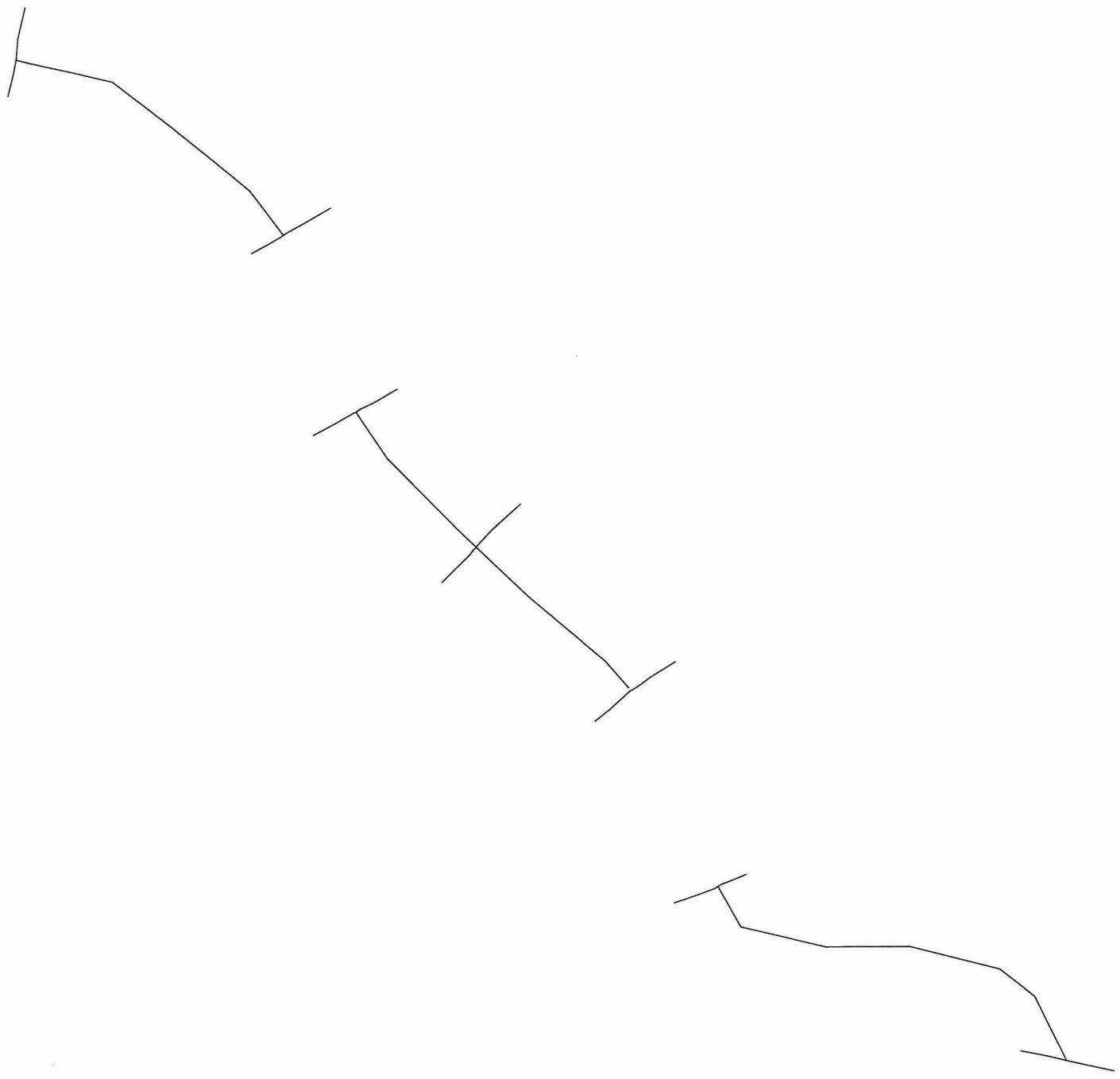
CK. | PROJ. | SHEET

DATE 10/16/07 | SUBJ. | OF

Structure #53
North Face
West Bound
CMP







54

W&C

Sta. 4891+85.00

Structure #54
Station 4891+85.00

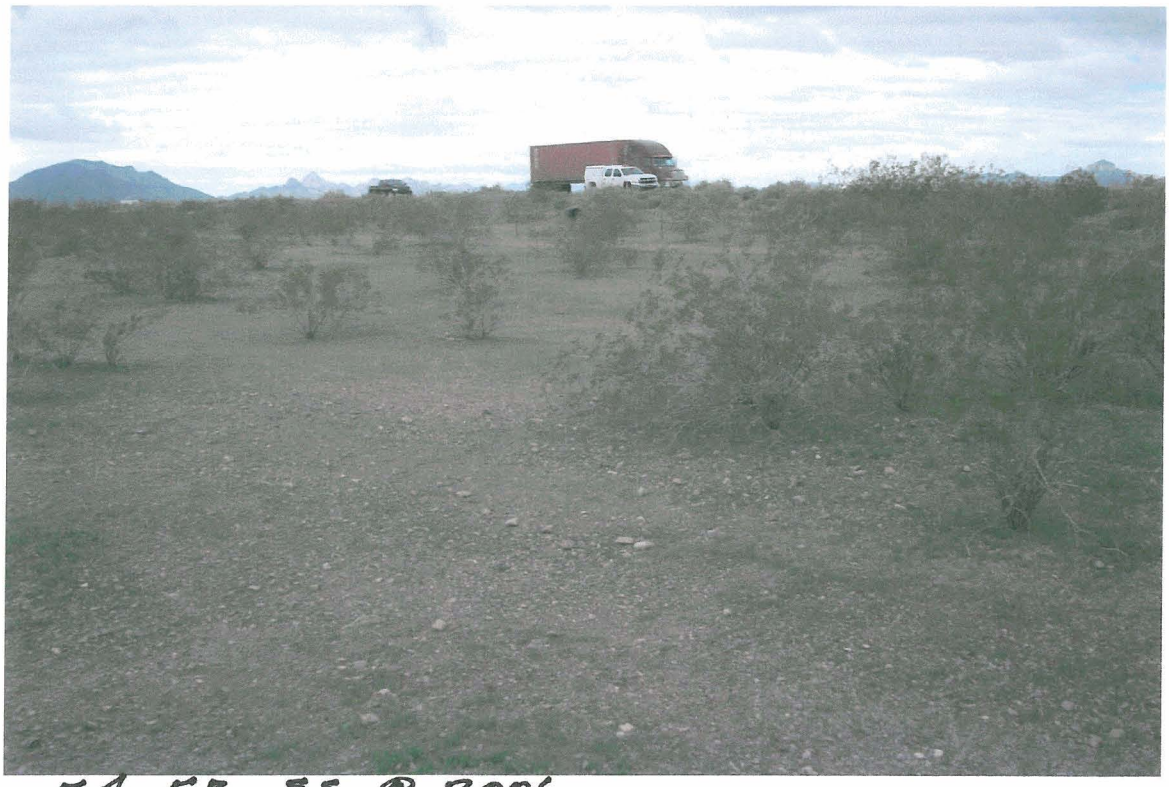
(North of I-10)
14340,912012.3480,381600.8550,1171.3210,BREAKLINE 1
14341,912004.4660,381587.3050,1171.7030,BREAKLINE 1
14342,911998.5970,381576.8260,1172.3710,BREAKLINE 1
14343,911997.1020,381575.1290,1172.7110,TOP OF OPENING 1
14344,911996.4340,381573.7310,1172.5360,BREAKLINE 1
14345,911992.8230,381567.5020,1172.5910,BREAKLINE 1
14346,911987.3760,381557.6250,1173.1800,BREAKLINE 1
14347,912001.5020,381572.5890,1169.9210,FL ES 1
14348,911997.3510,381574.9830,1169.6510,FL DITCH 1
14349,912021.5980,381556.6530,1170.5140,FL DITCH 1
14350,912056.2530,381513.7710,1171.0660,FL DITCH 1
14351,912081.2940,381481.2180,1171.3370,FL DITCH 1
14352,912093.0150,381428.5760,1171.6360,FL DITCH 1
14353,912121.8480,381433.3260,1171.9160,BREAKLINE 1
14354,912104.8080,381429.4450,1172.4450,BREAKLINE 1
14355,912093.2700,381428.6000,1171.6620,BREAKLINE 1
14357,912086.0410,381427.2610,1172.1390,BREAKLINE 1
14358,912073.1400,381424.1890,1172.2260,BREAKLINE 1

(Middle of I-10)
6300,911732.5370,381766.0260,1172.3430,BREAKLINE 1
6301,911738.9280,381774.1850,1170.9100,BREAKLINE 1
6302,911748.3490,381784.5950,1170.0250,BREAKLINE 1
6303,911749.2120,381785.4690,1167.1480,RCP 1
6304,911749.6320,381786.5390,1170.1320,BREAKLINE 1
6305,911752.9510,381791.6530,1169.1740,BREAKLINE 1
6306,911756.4990,381796.3260,1167.6940,BREAKLINE 1
6307,911765.0590,381810.2270,1167.2830,BREAKLINE 1
6308,911753.2370,381783.1530,1167.1760,FL ES 1
6309,911850.8810,381725.5800,1167.9480,BREAKLINE 1
6310,911839.0640,381712.4800,1168.2110,BREAKLINE 1
6311,911837.0670,381710.1280,1168.6800,BREAKLINE 1
6312,911832.8270,381706.0870,1168.6890,BREAKLINE 1
6313,911830.9580,381704.3500,1167.9250,BREAKLINE 1
6314,911827.8860,381701.6260,1167.7060,BREAKLINE 1
6315,911825.3340,381699.3180,1167.8470,BREAKLINE 1
6316,911823.1350,381697.6510,1168.7340,BREAKLINE 1
6317,911808.0840,381682.5160,1168.6410,BREAKLINE 1
6318,911748.9430,381785.6440,1170.2770,TOP OF OPENING 1
13274,911888.2970,381612.1280,1169.9690,BREAKLINE 1
13275,911894.6160,381623.9510,1170.8110,BREAKLINE 1
13276,911900.7370,381634.5680,1171.6620,BREAKLINE 1
13277,911900.9510,381635.5260,1168.5940,BREAKLINE 1
13278,911901.1480,381635.6600,1171.7460,TOP OF OPENING 1
13279,911901.9140,381636.5320,1171.7700,BREAKLINE 1
13280,911906.3000,381645.6950,1172.0900,BREAKLINE 1
13281,911913.5860,381658.1080,1173.1480,BREAKLINE 1
13282,911897.0270,381638.2240,1168.5400,FL ES 1
13283,911875.5550,381652.7620,1168.2480,FL DITCH 1
13284,911837.9400,381690.2930,1167.7240,FL DITCH 1
13285,911800.8120,381729.5590,1167.3370,FL DITCH 1
13286,911765.2710,381771.9020,1166.7450,FL DITCH 1
13287,911750.6890,381784.7400,1166.9820,FL DITCH 1

(South of I-10)
12016,911633.9110,381830.1380,1166.5710,BREAKLINE 1
12017,911638.0680,381842.4590,1167.4940,BREAKLINE 1
12018,911641.6490,381852.2910,1168.9560,BREAKLINE 1

12019,911642.8790,381853.9840,1166.2520,BREAKLINE
12020,911644.0900,381856.3580,1168.5620,BREAKLINE
12021,911646.8130,381863.3290,1169.3210,BREAKLINE
12022,911649.4400,381869.6190,1169.7630,BREAKLINE
12023,911638.5910,381856.3380,1166.4280,FL ES
12024,911620.7080,381866.4260,1166.3560,FL DITCH
12025,911609.8410,381913.1370,1165.9790,FL DITCH
12026,911609.9850,381958.9330,1165.4920,FL DITCH
12027,911597.7230,382007.9860,1164.5080,FL DITCH
12028,911582.9550,382027.1710,1163.5140,FL DITCH
12029,911548.0670,382044.6550,1163.7760,FL DITCH
12030,911553.2740,382019.3800,1164.3700,BREAKLINE
12031,911550.6230,382033.4040,1164.1530,BREAKLINE
12032,911547.9980,382044.6390,1163.5200,BREAKLINE
12033,911545.7520,382054.8720,1164.0610,BREAKLINE
12034,911542.3630,382070.9960,1164.6310,BREAKLINE

54 EB 35 Close



54 EB 35 @ 200'

54 WB NS Close

54 WB NS @ 200'

54 EB SS Median Close

54 EB SS Median @ 150'

54 WB NS Median Close

54 WB NS Median @ 150'

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-13-07 | SUBJ. | OF

WILSON & COMPANY

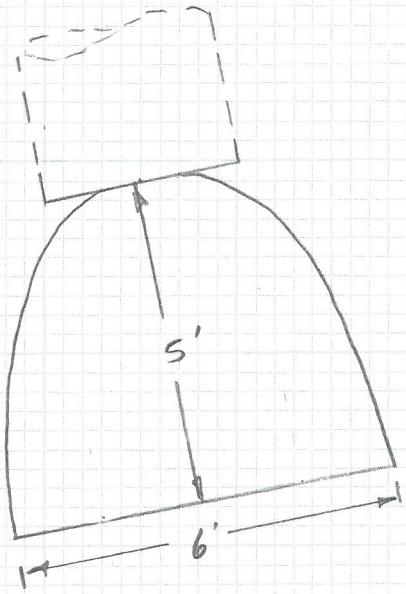
GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 54

H. BEJARANO

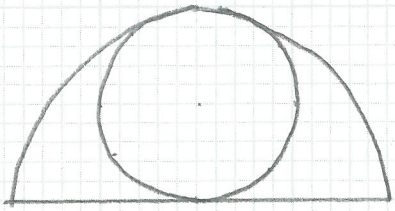
PICTURES

200'	224
100'	223
CLOSE	222



1 EA. 36" CMP

PLAN VIEW



SOUTH FACE

EAST BOUND

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 54

MEDIAN

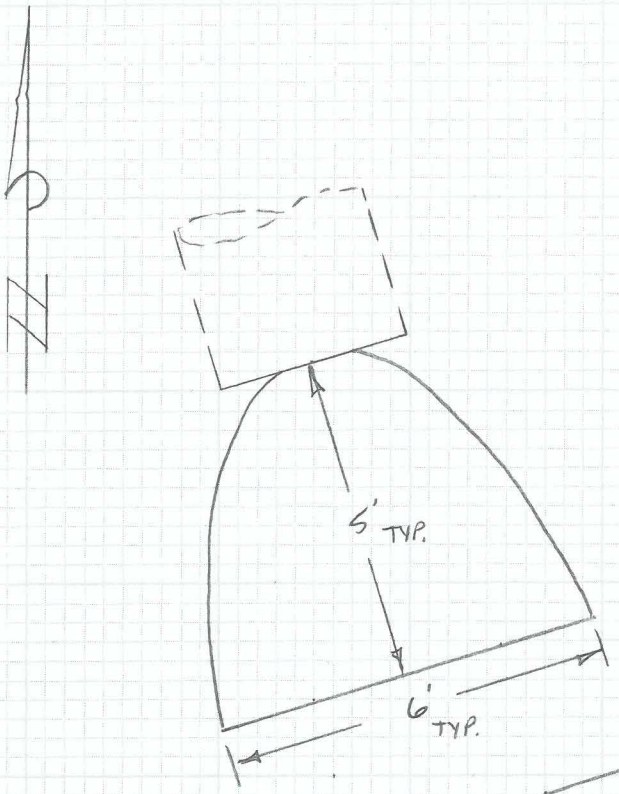
H. BEJARANO

D. ACOSTA

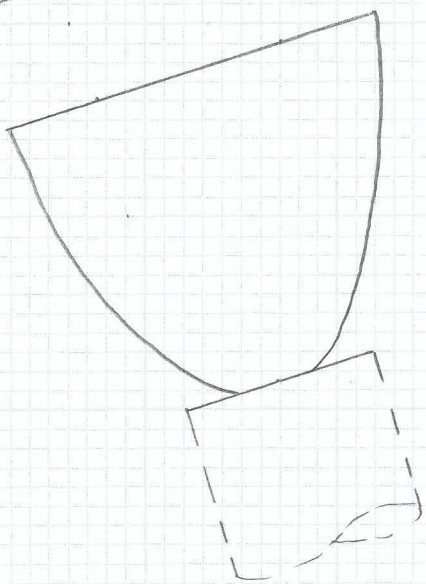
PICTURES

FACING NORTH 0-0233

FACING SOUTH 0-0234



2 EA. 36" CMP



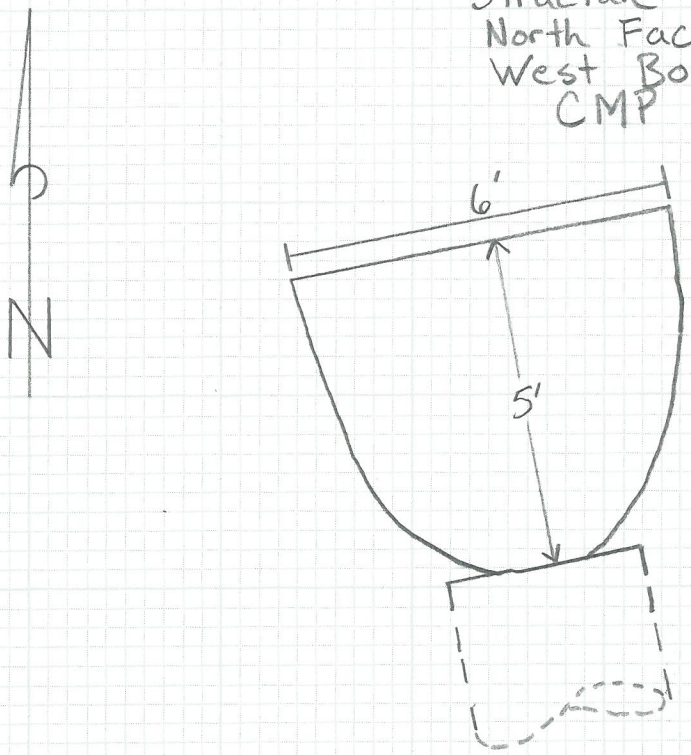
COMP. | LOC. | FILE

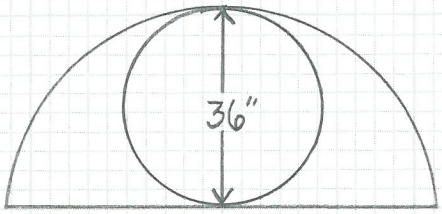
WILSON & COMPANY

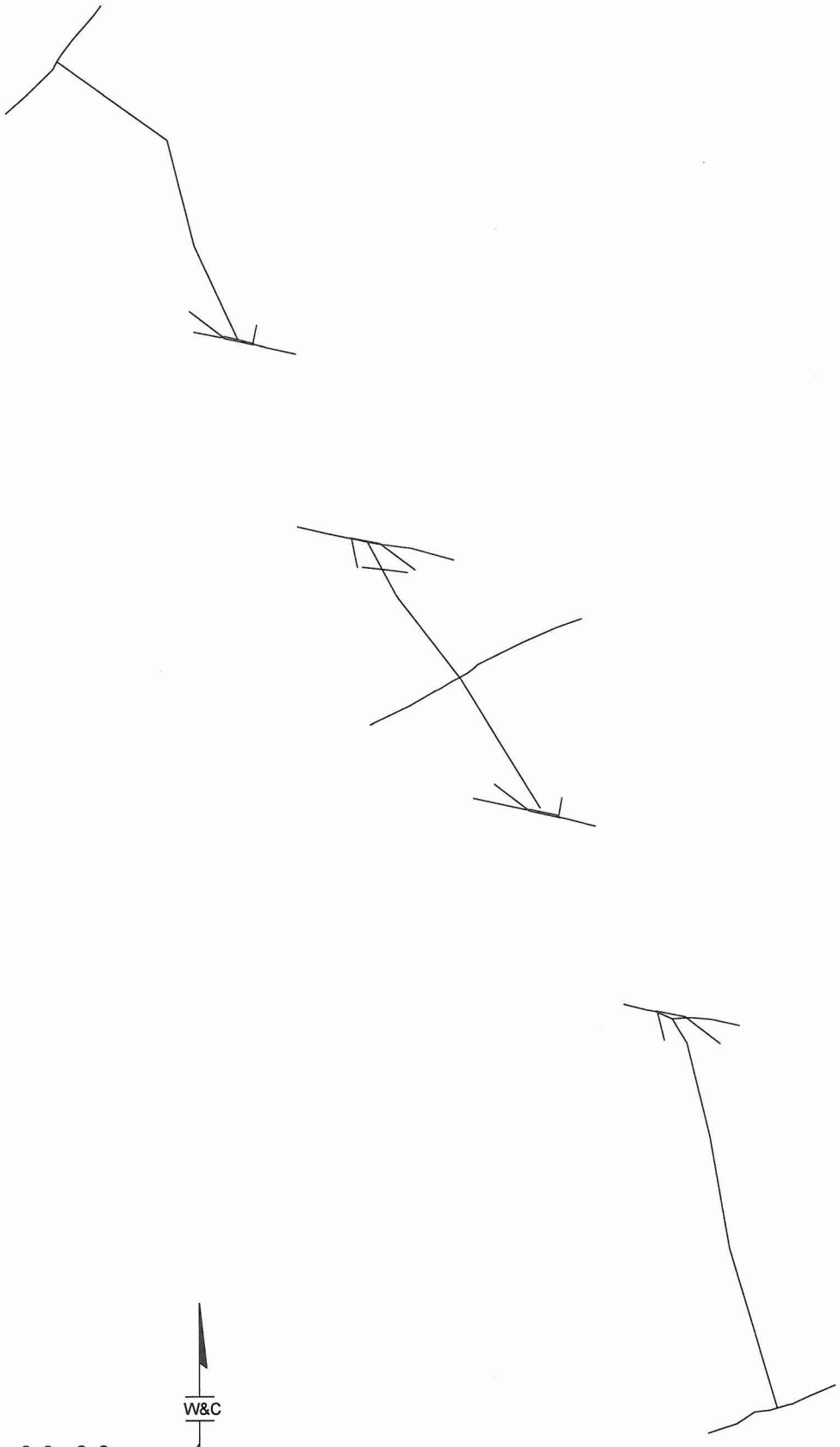
CK. | PROJ. | SHEET

DATE | SUBJ. | OF

Structure #54
North Face
West Bound
CMP






55
W&C
Sta. 4904+00.00

Structure #55
Station 4904+00.00

(North of I-10)
14313,911725.6420,382848.7710,1163.3620,BREAKLINE
14314,911728.6660,382835.1200,1164.1490,BREAKLINE
14315,911730.4220,382827.9240,1164.5150,BREAKLINE
14316,911740.3270,382829.0400,1162.7830,WINGWALL
14317,911730.5250,382827.0930,1164.5930,WINGWALL
14318,911730.2550,382827.4530,1165.5900,HEADWALL
14319,911731.1100,382826.6990,1156.9580,BREAKLINE
14320,911732.1950,382819.9680,1163.5870,TOP OF OPENING
14321,911733.4850,382812.4780,1165.7780,HEADWALL
14322,911734.4280,382812.9720,1157.7640,BREAKLINE
14323,911733.9670,382810.8060,1164.6410,BREAKLINE
14324,911736.6390,382797.0110,1163.6470,BREAKLINE
14325,911747.1230,382794.8000,1162.9210,WINGWALL
14326,911734.0160,382812.1880,1164.7260,WINGWALL
14327,911733.6600,382812.4570,1164.7520,WINGWALL
14328,911732.7650,382819.6070,1157.5550,FL DITCH
14329,911779.9130,382797.2620,1158.4390,FL DITCH
14330,911833.1740,382783.3450,1157.4950,FL DITCH
14331,911901.0840,382749.8700,1163.5310,BREAKLINE
14332,911896.0390,382746.0990,1161.9500,BREAKLINE
14333,911883.8470,382735.6300,1160.8720,BREAKLINE
14334,911876.4890,382730.0040,1159.2130,BREAKLINE
14335,911872.8800,382727.7550,1158.9620,FL DITCH
14336,911869.1590,382725.9230,1158.8580,BREAKLINE
14337,911866.7010,382723.6240,1160.0780,BREAKLINE
14338,911856.8780,382713.4320,1160.7330,BREAKLINE
14339,911846.7660,382701.9960,1160.5810,BREAKLINE

(Middle of I-10)
6319,911503.0030,382982.8790,1160.9210,WINGWALL
6320,911493.1870,382981.0500,1162.9430,WINGWALL
6321,911492.9090,382981.5360,1163.9540,HEADWALL
6322,911494.9800,382973.2760,1161.8520,TOP OF OPENING
6323,911496.3420,382966.2440,1163.7810,HEADWALL
6324,911496.4480,382966.1440,1162.8660,WINGWALL
6325,911496.7760,382965.9370,1162.8690,WINGWALL
6326,911509.8570,382948.7340,1161.1680,WINGWALL
6327,911502.6180,382938.2630,1161.9780,BREAKLINE
6328,911499.4150,382953.2650,1162.5010,BREAKLINE
6329,911496.9400,382964.5890,1162.7760,BREAKLINE
6330,911496.9920,382967.0040,1155.9180,BREAKLINE
6331,911495.6200,382973.3170,1155.9350,RCP
6332,911494.2110,382980.0680,1155.9800,BREAKLINE
6333,911492.9980,382981.6760,1162.5040,BREAKLINE
6334,911492.4620,382984.4420,1162.7020,BREAKLINE
6335,911488.5280,382999.7950,1162.4340,BREAKLINE
6336,911592.7310,382992.8320,1162.5610,BREAKLINE
6337,911588.2780,382980.1510,1162.7710,BREAKLINE
6338,911580.7890,382963.0230,1159.6970,BREAKLINE
6339,911569.6630,382940.4690,1157.7160,BREAKLINE
6340,911567.9410,382938.6530,1156.5370,BREAKLINE
6341,911565.1860,382935.0540,1157.1260,BREAKLINE
6342,911560.8880,382926.8970,1157.0520,BREAKLINE
6343,911557.6090,382921.6630,1156.8730,BREAKLINE
6344,911556.4490,382918.9980,1157.5980,BREAKLINE
6345,911548.9000,382905.9340,1158.5550,BREAKLINE
6346,911539.4640,382886.1230,1158.4490,BREAKLINE
13288,911617.0970,382908.9420,1162.0860,WINGWALL
13289,911630.2070,382891.4400,1163.7870,WINGWALL
13290,911630.4170,382891.2880,1164.7490,HEADWALL

13291,911631.3100,382885.0130,1162.8160,TOP OF OPENING
13292,911633.3600,382876.3610,1164.7400,HEADWALL
13293,911633.0670,382876.9710,1163.7100,WINGWALL
13294,911618.3680,382879.9440,1161.0800,WINGWALL
13295,911638.9480,382849.6190,1163.0850,BREAKLINE
13296,911635.5910,382864.2290,1163.2370,BREAKLINE
13297,911633.1110,382876.0810,1163.5550,BREAKLINE
13298,911632.9340,382877.4710,1156.8230,BREAKLINE
13299,911631.2900,382884.9070,1156.8920,BREAKLINE
13300,911630.1520,382890.8110,1156.8970,BREAKLINE
13301,911629.8300,382893.2810,1163.7350,BREAKLINE
13302,911628.0380,382906.9230,1163.2730,BREAKLINE
13303,911622.0960,382928.5100,1162.2020,BREAKLINE
13304,911618.6160,382882.2330,1156.8630,CONCRETE
13305,911617.4110,382893.1230,1156.8730,CONCRETE
13306,911615.8680,382905.1400,1156.9830,CONCRETE
13307,911604.2580,382899.3980,1155.9370,FL DITCH
13308,911562.3060,382932.0050,1157.0070,FL DITCH
13309,911497.6070,382972.0550,1155.3980,FL DITCH

(South of I-10)
12035,911399.3680,383013.8390,1161.2090,BREAKLINE
12036,911396.4870,383025.3510,1161.2360,BREAKLINE
12037,911395.7800,383029.6160,1161.4140,BREAKLINE
12038,911381.1210,383034.5010,1159.0950,WINGWALL
12039,911395.7400,383030.7650,1161.7520,WINGWALL
12040,911395.9640,383030.1530,1162.7100,HEADWALL
12041,911392.0460,383038.4680,1154.8570,BREAKLINE
12042,911393.0560,383045.1440,1162.6710,HEADWALL
12043,911392.9040,383045.3100,1161.7750,WINGWALL
12044,911392.4820,383045.6330,1161.7910,WINGWALL
12045,911383.2250,383057.7000,1160.7960,WINGWALL
12046,911379.4710,383062.6850,1160.0920,WINGWALL
12047,911379.8630,383045.8090,1154.8840,FL DITCH
12048,911332.6340,383057.4340,1153.5650,FL DITCH
12049,911276.8690,383067.1440,1153.1190,FL DITCH
12050,911208.6250,383120.4400,1155.7070,BREAKLINE
12051,911203.4380,383108.0630,1155.4820,BREAKLINE
12052,911199.0760,383098.4710,1154.2420,BREAKLINE
12053,911198.6540,383096.2130,1152.9210,BREAKLINE
12054,911196.9650,383091.1310,1152.5050,FL DITCH
12055,911195.9820,383087.2930,1152.2590,BREAKLINE
12056,911195.0670,383079.5670,1156.8680,BREAKLINE
12057,911189.2170,383070.6860,1157.4690,BREAKLINE
12058,911184.4540,383056.2230,1157.3640,BREAKLINE
12059,911392.6450,383047.0210,1161.6160,BREAKLINE
12060,911391.7250,383058.0840,1161.6480,BREAKLINE
12061,911388.6070,383072.3060,1161.2530,BREAKLINE

55 EB SS @ 200'

55 EB SS Close

55 WB NS Close

55 WB NS Median

55 EB SS Median

COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-13-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

SURVEY DRAINAGE STRUCTURE # 55

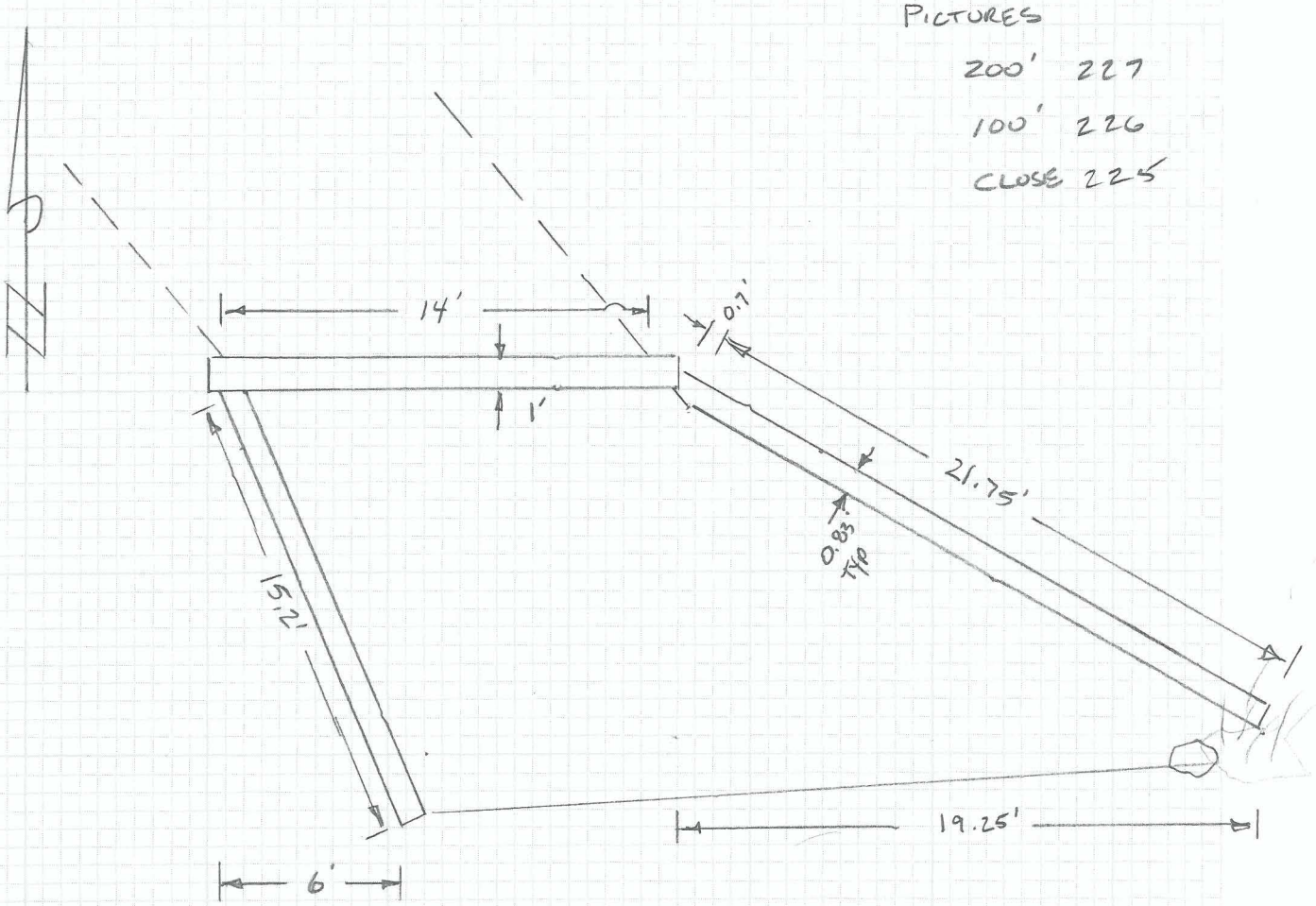
M. H. BEJARANO

PICTURES

200' 227

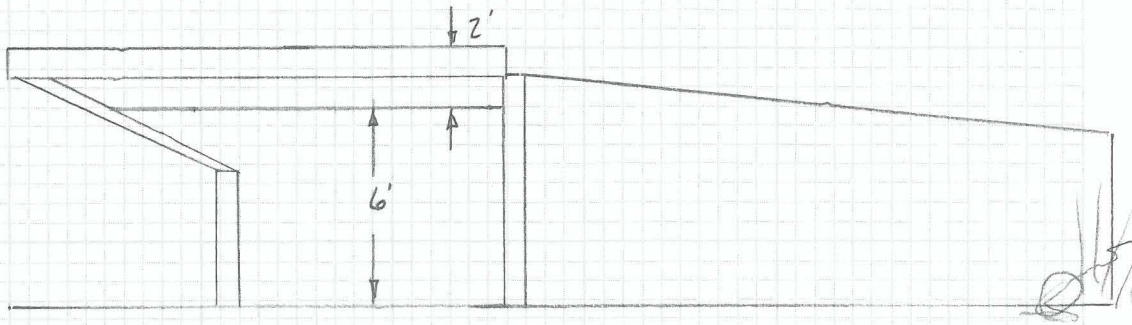
100' 226

CLOSE 225



SINGLE BARREL BOX CULVERT

PLAN VIEW



SOUTH FACE

EAST BOUND

COMP.

CK.

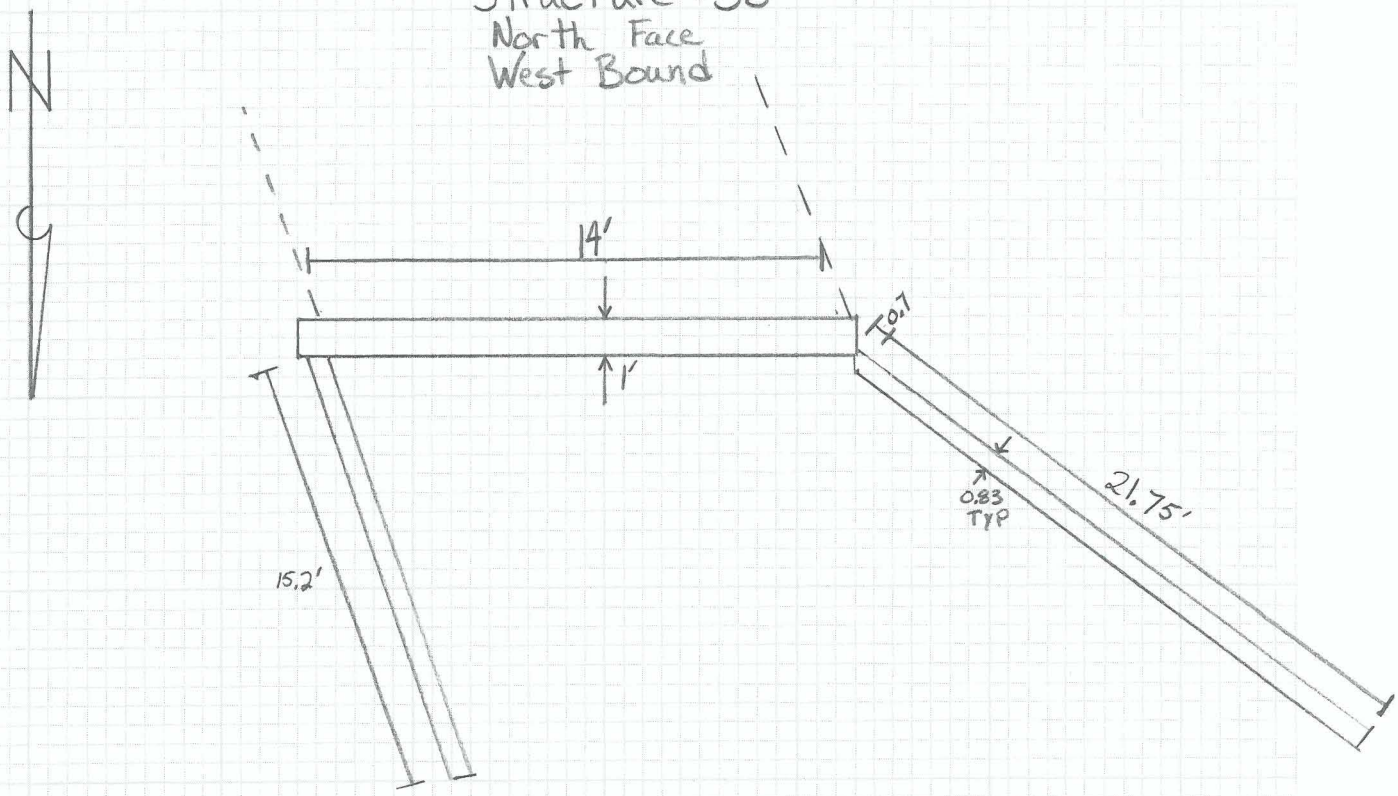
DATE 11/28/07

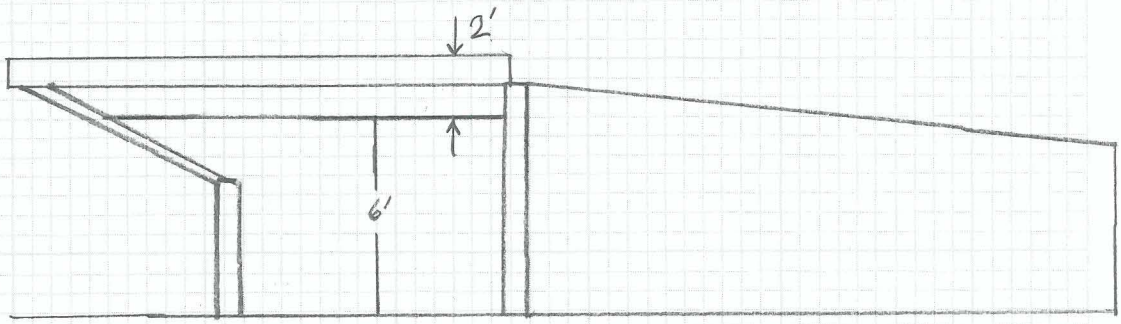
WILSON & COMPANY

LOC. FILE

PROJ. SHEET

SUBJ. OF





COMP. | LOC. | FILE

CK. | PROJ. | SHEET

DATE 11-28-07 | SUBJ. | OF

WILSON & COMPANY

GPS POINT NUMBER

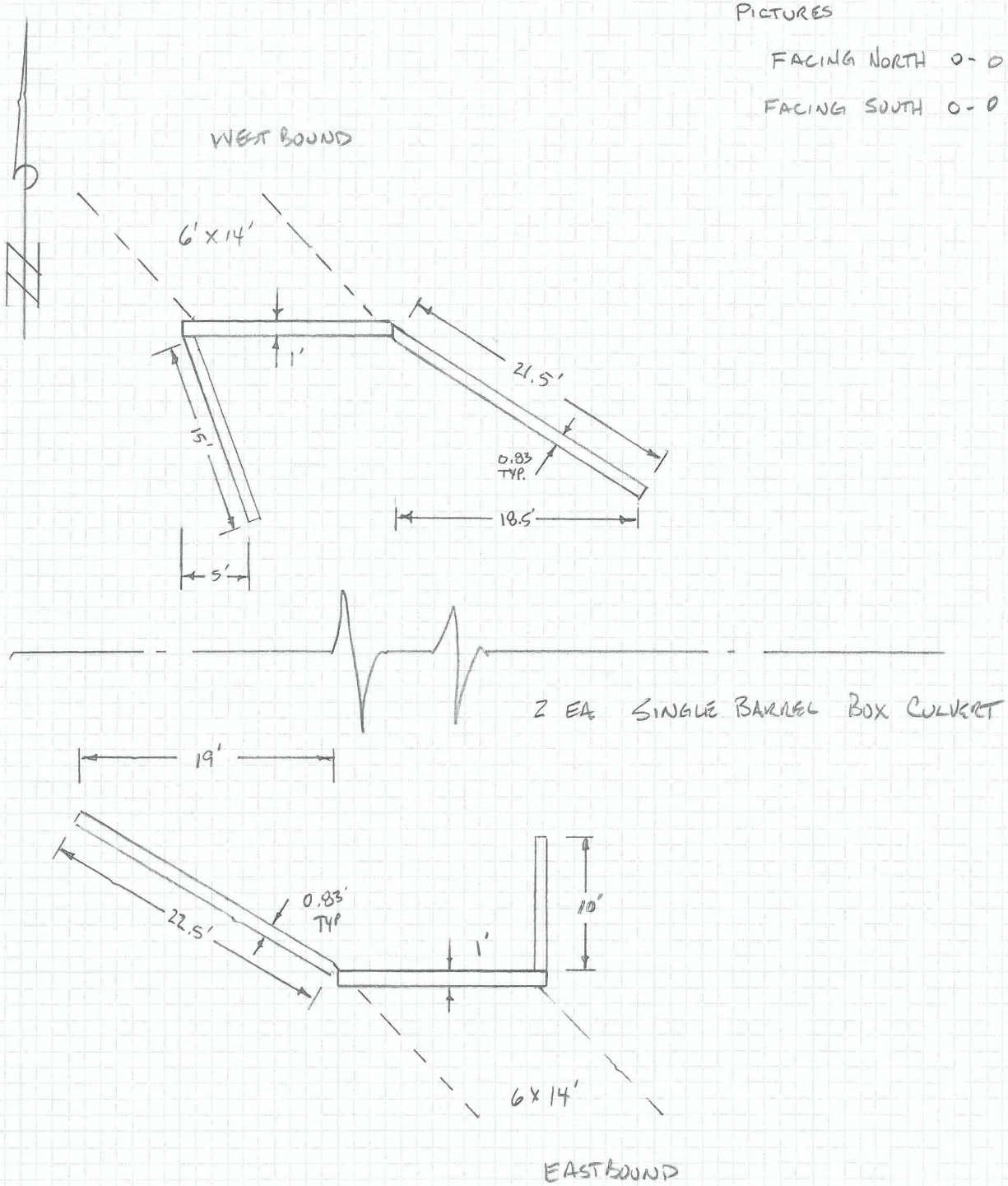
SURVEY DRAINAGE STRUCTURE # 55

MEDIAN

H. BEJARANO

D. ACOSTA

PICTURES

FACING NORTH 0-0235

FACING SOUTH 0-0236