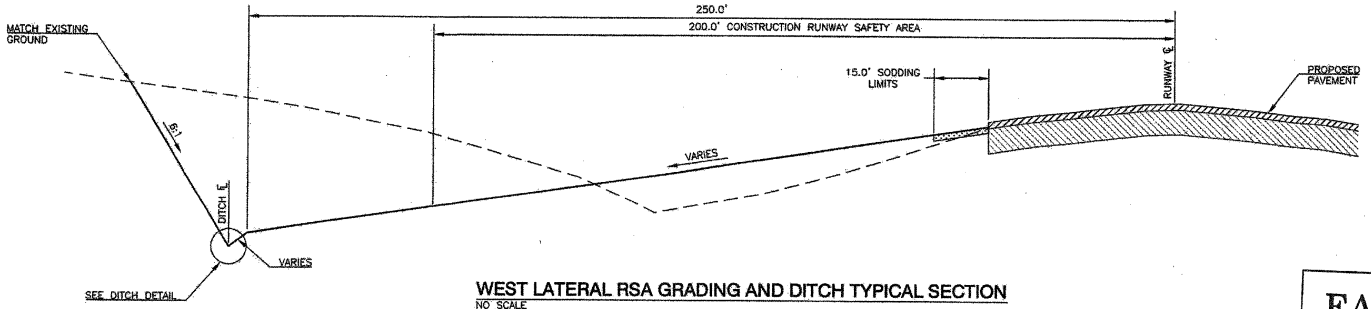
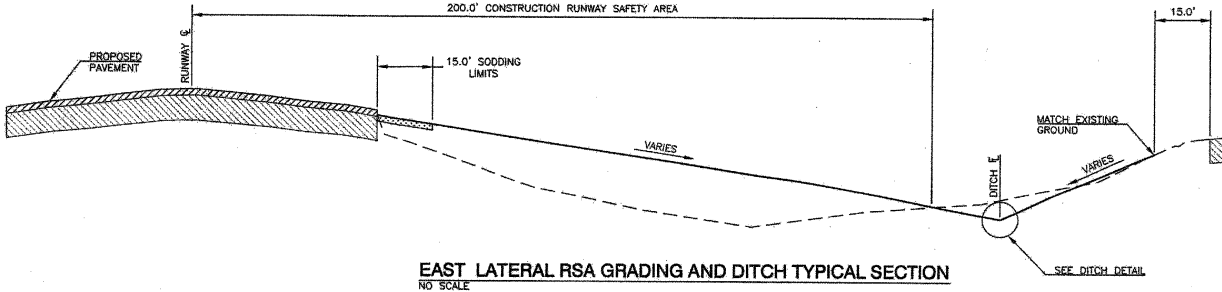


WEST LATERAL RSA GRADING AND DITCH TYPICAL SECTION

NO SCALE



EAST LATERAL RSA GRADING AND DITCH TYPICAL SECTION

NO SCALE

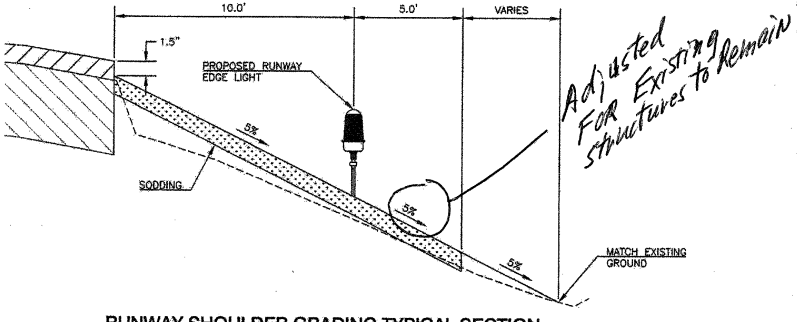
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Dawn R

Date: 12-9-2011

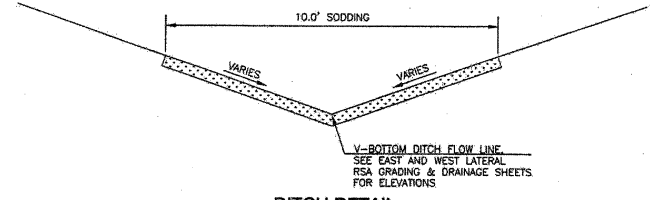


RUNWAY SHOULDER GRADING TYPICAL SECTION

NO SCALE

NOTES:

1. ALL DISTURBED AREAS AROUND PAVEMENT SHALL HAVE 15 FEET OF SOD FROM PAVEMENT EDGE.
2. ALL INLETS SHALL HAVE 5 FEET OF SOD AROUND THEM ON ALL SIDES.
3. EROSION CONTROL MATTING AND SEEDING WILL BE PLACED IN ALL DISTURBED AREAS.



DITCH DETAIL

NO SCALE

GARVER

REGISTRATION NO. F-5713

2/11/11

STATE OF TEXAS — FRANK D. MCILLWAIN — 93229 — LICENSED — PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

GRADING TYPICAL SECTIONS

JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

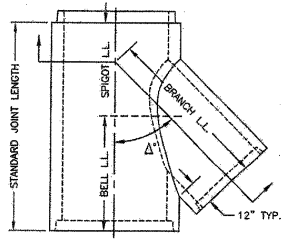
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER

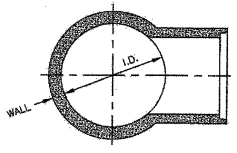
D-001

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D001-D0.dwg Last Save: 1/3/2011 9:50 AM Last saved by: kmccarthy
Last plotted by: McAnally, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:17 PM Plotter name: \\Gilpsd01\LJF IR C5185 PS3 East Tech Area

Δ = SHOWN ON PLANS

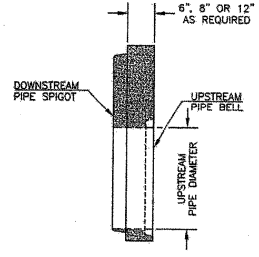


PLAN VIEW



APPROXIMATE SECTION

TONGUE AND GROOVE PIPE
TYPICAL CONCENTRIC WYE
NO SCALE



REDUCING STOPPER
NO SCALE

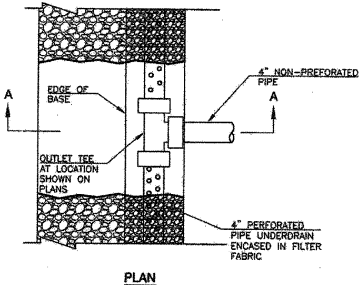
EAS CONTRACTING, LP

AS BUILT

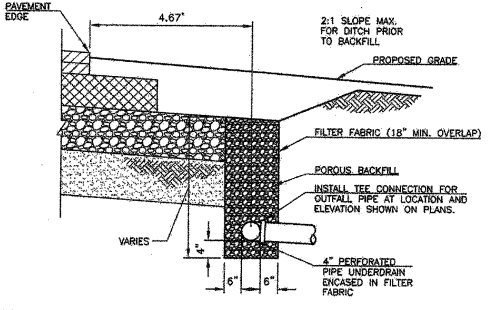
I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Dawl rC

Date: 12-9-2011

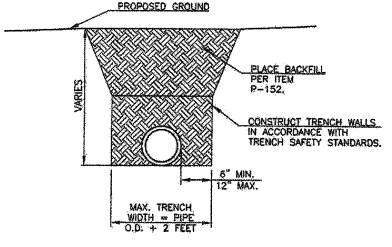


PLAN



UNDERDRAIN SYSTEM
NO SCALE

SECTION A-A



OUTLET PIPE UNDER TURF
NO SCALE

GARVER

REGISTRATION NO.
F-5713

2/10/11

STATE OF TEXAS
FRANK O. MCILWAIN
93220
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

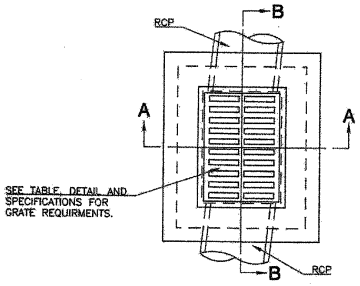
DRAINAGE DETAILS I

JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-002

File: L:\2010\10081100 - ADC - Runway Improvements\Drawings\ADS_D002-(D).dwg Last Save: 1/28/2011 11:02 AM Last saved by: Mrmccandly
Last plotted by: McAnally, Michael, R. Plot Scale: Screen Resolution Plot Date: 2/2/2011 3:17 PM Editor Used: \\Garver01\Lit IR C3165 PS3 Book Tech Area

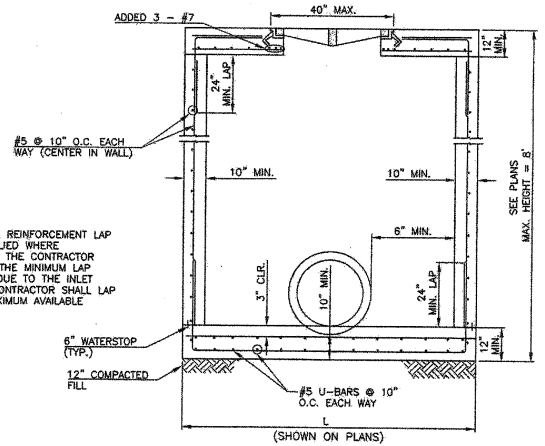


PLAN (SINGLE GRATE)

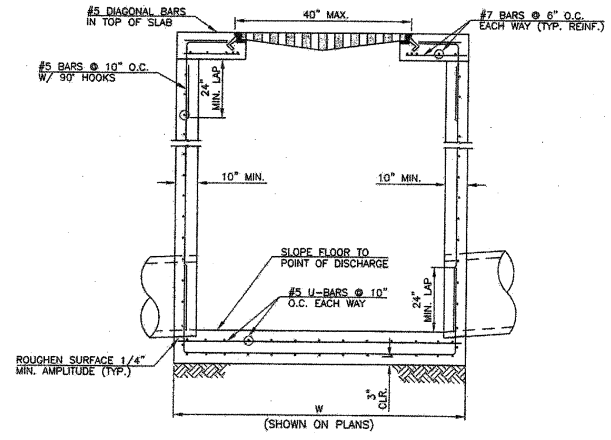
GRATE DESIGN PARAMETERS	
MATERIAL	DUCTILE IRON
WEIR PERIMETER	9.8 FT. MIN.
FREE OPEN AREA	2.4 S.F. MIN.
WHEEL LOADING	100,000 LBS MIN.

NOTE:

MINIMUM STEEL REINFORCEMENT LAP SHALL BE APPLIED WHERE APPLICABLE. IF THE CONTRACTOR CANNOT MEET THE MINIMUM LAP REQUIREMENT DUE TO THE INLET HEIGHT, THE CONTRACTOR SHALL LAP STEEL THE MAXIMUM AVAILABLE LENGTH.



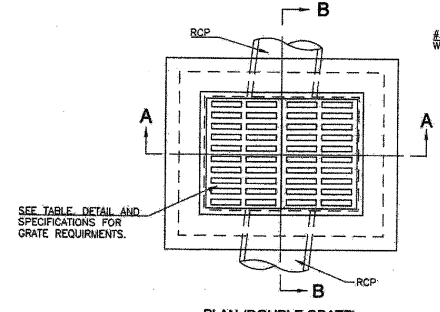
SECTION "A-A"



SECTION "B-B"

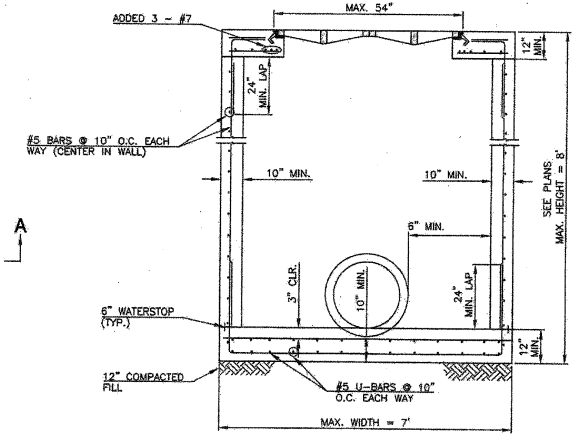
AIRFIELD GRATE INLET (HEAVY AIRCRAFT)

NO SCALE

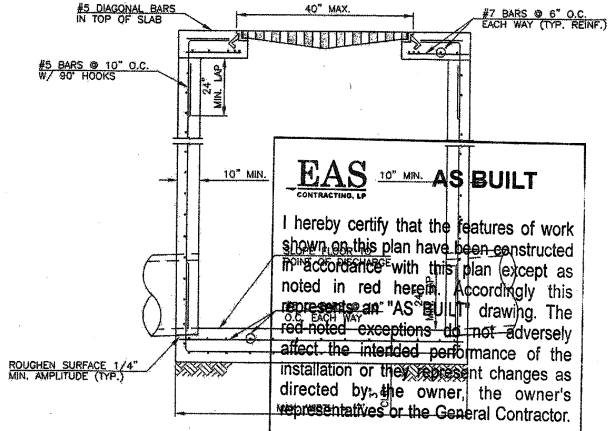


PLAN (DOUBLE GRATE)

GRATE DESIGN PARAMETERS	
MATERIAL	DUCTILE IRON
WEIR PERIMETER	13.8 FT. MIN.
FREE OPEN AREA	4.8 S.F. MIN.
WHEEL LOADING	100,000 LBS MIN.



SECTION "A-A"



SECTION "B-B"

AIRFIELD DOUBLE GRATE INLET (HEAVY AIRCRAFT)

NO SCALE

NOTE:
MINIMUM STEEL REINFORCEMENT LAP SHALL BE APPLIED WHERE APPLICABLE. IF THE CONTRACTOR CANNOT MEET THE MINIMUM LAP REQUIREMENT DUE TO THE INLET HEIGHT, THE CONTRACTOR SHALL LAP STEEL THE MAXIMUM AVAILABLE LENGTH.

EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

SECTION "B-B"

By: _____

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5719

STATE OF TEXAS
FRANK O. MCILWAIN
53289
REGISTERED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

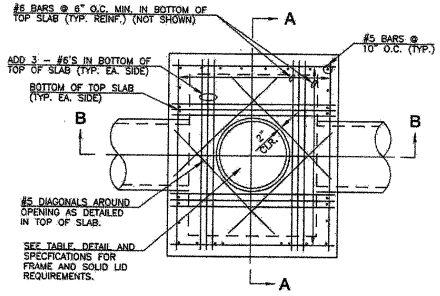
DRAINAGE DETAILS II

JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

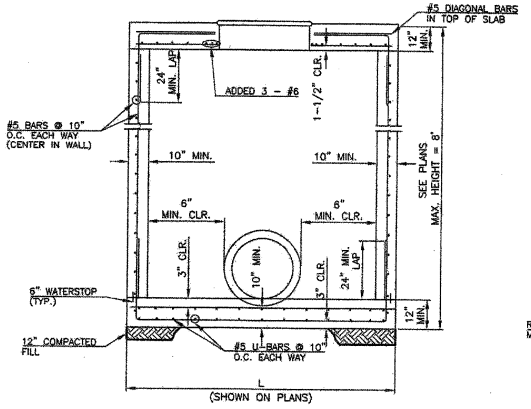
SHEET NUMBER
D-003

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D003-00.dwg Last Save: 1/3/2011 9:51 AM Last saved by: kmcconaly
Last updated by: McAnally, Mitchell, R Plot Scale: Garver Standard Half-size Plot Scale: 1:2 Plot Date: 2/8/2011 3:17 PM Plotter used: \\Voltsd01\UT IR C5165 PS3 East Tech Area



PLAN

MANHOLE COVER DESIGN PARAMETERS	
MATERIAL	CAST IRON
WHEEL LOADING	100,000 LBS MIN.
OPENING	32" MIN.



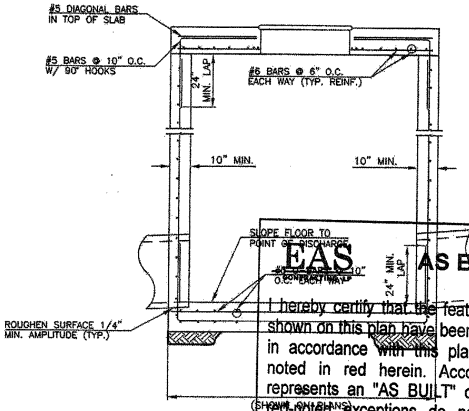
SECTION "A-A"

NOTE:

MINIMUM STEEL REINFORCEMENT LAP SHALL BE APPLIED WHERE APPLICABLE. IF THE CONTRACTOR CANNOT MEET THE MINIMUM LAP REQUIREMENT DUE TO THE INLET HEIGHT, THE CONTRACTOR SHALL LAP STEEL THE MAXIMUM AVAILABLE LENGTH.

AIRFIELD JUNCTION BOX (HEAVY AIRCRAFT)

NO SCALE



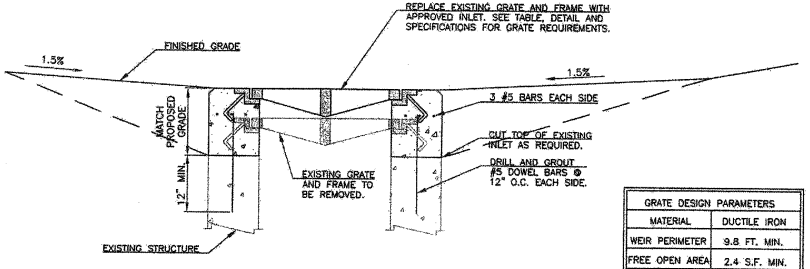
SECTION "B-B"

EAS AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The "red-noted" exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Daniel K

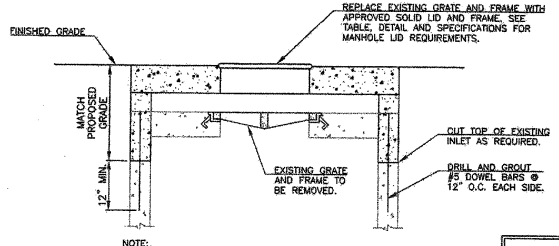
Date: 12-9-2011



GRATE INLET HEIGHT ADJUSTMENT

NO SCALE

GRATE DESIGN PARAMETERS	
MATERIAL	DUCTILE IRON
WEIR PERIMETER	9.8 FT. MIN.
FREE OPEN AREA	2.4 S.F. MIN.
WHEEL LOADING	100,000 LBS MIN.



NOTE:

STEEL REINFORCEMENT SHALL BE THE SAME AS AIRFILED JUNCTION BOX (HEAVY AIRCRAFT) DETAIL SHOWN ON THIS PAGE.

JUNCTION BOX HEIGHT ADJUSTMENT

NO SCALE

MANHOLE COVER DESIGN PARAMETERS	
MATERIAL	CAST IRON
WHEEL LOADING	100,000 LBS MIN.
OPENING	32" MIN.

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS — FRANK D. MOLLWAIN — 93229 — LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

DRAINAGE DETAILS III

JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

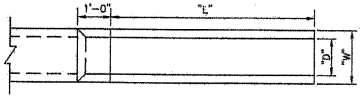
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER

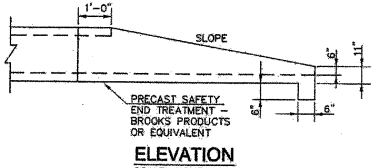
D-004

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D004-D0.dwg Last Save: 1/3/2011 9:51 AM Last saved by: Mrmcnally
Last plotted by: McAnally, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:17 PM Plotter name: \\Gilpe01\LIT IR C5185 PS3 Dost Tech Area

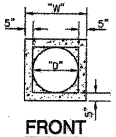


PLAN
SCALE: NONE

SLOPE	"D"	"W"	"L"
6:1	30"	3'-5"	14'-3"

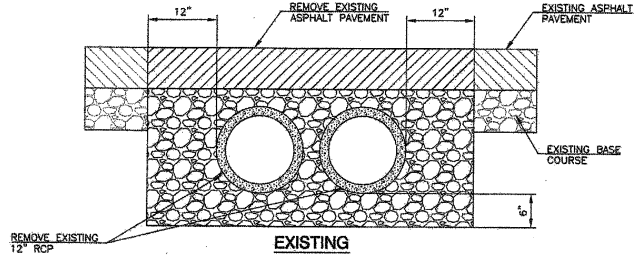


ELEVATION
SCALE: NONE

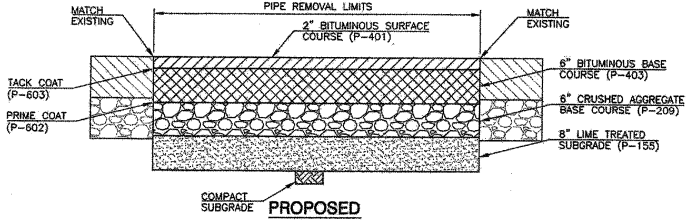


FRONT
SCALE: NONE

SAFETY END TREATMENT DETAIL
SCALE: NONE

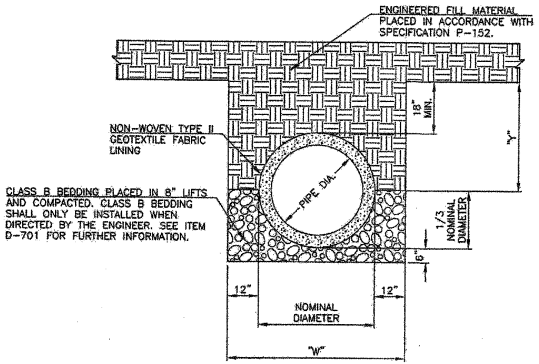


EXISTING



PROPOSED

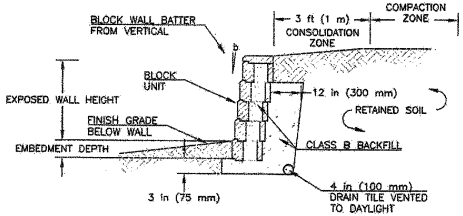
PIPE REMOVAL WITH PAVEMENT REPLACEMENT DETAIL
SCALE: NONE



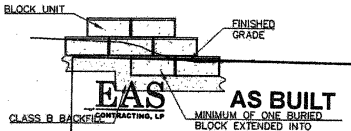
"W" = PIPE NOMINAL DIAMETER + 2'

"Y" = PIPE NOMINAL DIAMETER + 2'(MIN.)

PIPE BACK FILLING
SCALE: NONE

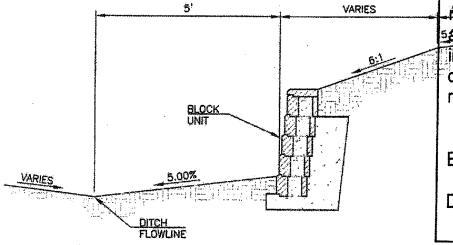


(GRAVITY - NO GEOGRID) MODULAR BLOCK RETAINING WALL
SCALE: NONE



TYPICAL SECTION THROUGH BLOCK COURSE
SCALE: NONE

MODULAR BLOCK RETAINING WALL DETAILS
SCALE: NONE



TAXIWAY "A" DITCH RETAINING WALL DETAIL
SCALE: NONE

CONSTRUCTION SEQUENCE:

1. PLACE ENGINEERED FILL MATERIAL PER SPECIFICATION P-152 TO A DEPTH "Y" OF THE TRENCH.
2. EXCAVATE A TRENCH AT A WIDTH OF "W". THE DITCH SHALL COMPLY WITH OSHA REGULATIONS AT ALL TIMES AND MAY REQUIRE A TRENCH SAFETY SYSTEM.
3. LINE TRENCH WITH NON-WOVEN TYPE II GEOTEXTILE FABRIC AND FOLD EXCESS MATERIAL OVER EDGES OF TRENCH AND SECURE IN PLACE WITH SMALL PILES OF CLASS B BEDDING.
4. PLACE 6" OF CLASS B BEDDING IN BOTTOM OF TRENCH FOR BEDDING MATERIAL. ENSURE SLOPE ON SURFACE OF CLASS B BEDDING COMPLIES WITH PLANS AND SPECIFICATION D-701.
5. PLACE STORM PIPE IN TRENCH USING STANDARD CONSTRUCTION PRACTICE WITH CARE TAKEN NOT TO DAMAGE PIPE.
6. BACKFILL TO 1/2 NOMINAL DIAMETER OF PIPE WITH CLASS B BEDDING PLACED IN 8" LIFTS AND COMPACTED.
7. FOLD THE TYPE II GEOTEXTILE FABRIC OVER THE BACKFILLED MATERIAL SO THAT THE FABRIC MEETS THE EDGE OF THE STORM PIPE WITH NO GAPS PRESENT.
8. PLACE ENGINEERED FILL ON TOP OF TYPE II GEOTEXTILE FABRIC PER SPECIFICATION P-152.

EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this drawing have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Darrell A

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK D. MCILWAIN
93229
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

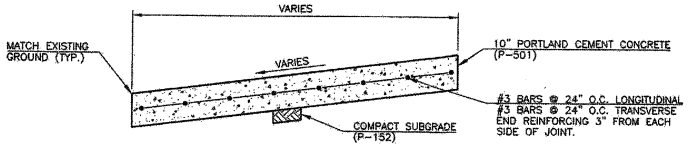
DRAINAGE DETAILS IV

JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

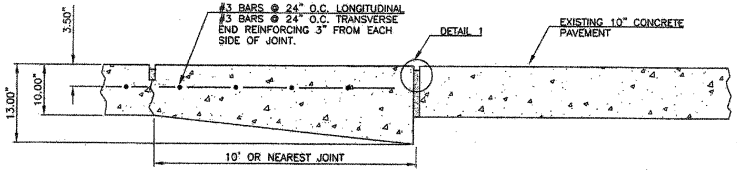
SHEET NUMBER
D-005

File: L:\2010\10081100 - ADS - Runway Improvements\Drawing\A-ADS_DIGS-BD.dwg Last Save: 1/7/2011 9:32 AM Last plotted by: Mmccandy
Last plotted by: McKinnally, Mitchell, R Plot Style: Garver Standard Half-Size Plot Scale: 1:2 Plot Date: 1/7/2011 3:17 PM Extents used: \\Vdisp01\JT IR C5185 PS3 East Tech Area



ACCESS ROAD CONCRETE PANEL REPLACEMENT TYPICAL SECTION

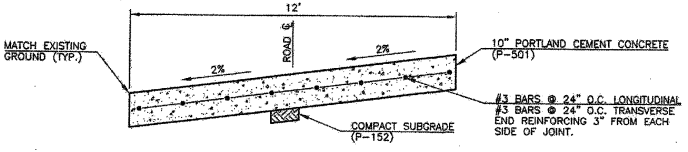
NO SCALE



TYPE A - THICKENED EDGE JOINT

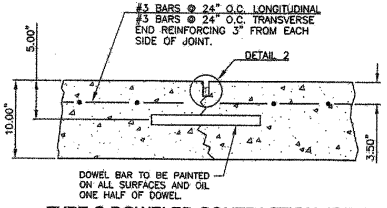
NO SCALE

NOTE: NO ISOLATION JOINT MATERIAL TO BE PLACED AT NORTH END OF ACCESS ROAD.



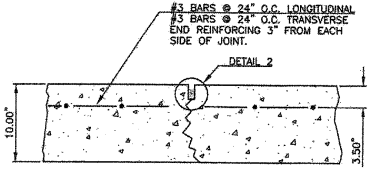
EAST ACCESS ROAD TYPICAL SECTION

NO SCALE



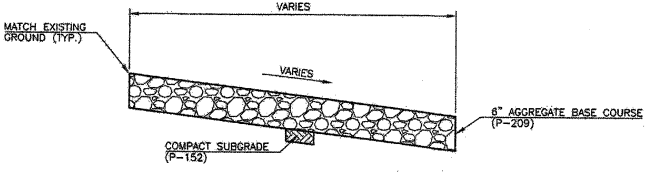
TYPE C-DOWELED CONTRACTION JOINT

NO SCALE



TYPE D-DUMMY CONTRACTION JOINT

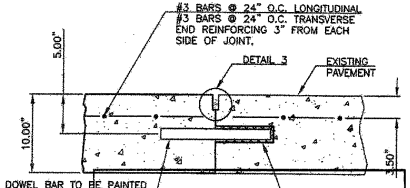
NO SCALE



WEST ACCESS ROAD TYPICAL SECTION

NO SCALE

DOWEL BAR LEGEND
10" THICKNESS
DIAMETER = 1"
LENGTH = 19"
SPACING = 12" O.C.



TYPE E-DOWELED CONSTRUCTION JOINT

NO SCALE

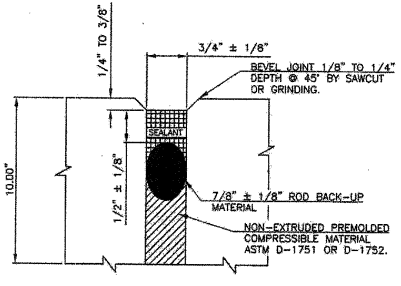
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

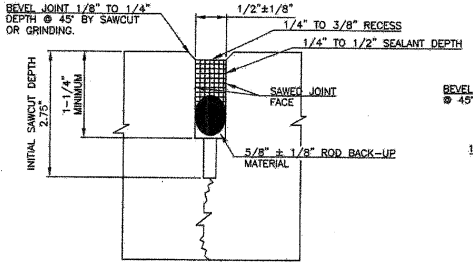
By: David Eck

Date: 12-9-2011



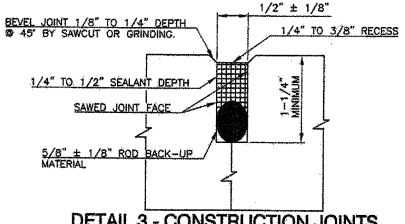
DETAIL 1 - ISOLATION JOINTS

NO SCALE



DETAIL 2 - CONTRACTION JOINTS

NO SCALE



DETAIL 3 - CONSTRUCTION JOINTS

NO SCALE

SYMBOLS

- ROD BACK-UP MATERIAL CLOSED-CELL RESILIENT FOAM OR SPONGE RUBBER
- RESILIENT FILLER

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS — FRANK D. MCILLWAIN — 93229 — LICENSED PROFESSIONAL ENGINEER — 2/17/11

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

DRAINAGE DETAILS V

JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER

D-006

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D006-DD.dwg Last Save: 1/3/2011 9:52 AM Last saved by: kirmacomally
Last modified by: kirmacomally, kirchner, R Plot Style: Garver Standard.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:17 PM Plotter name: \\Gtlpsd01\JT IR C5165 PS3 East Tech Area

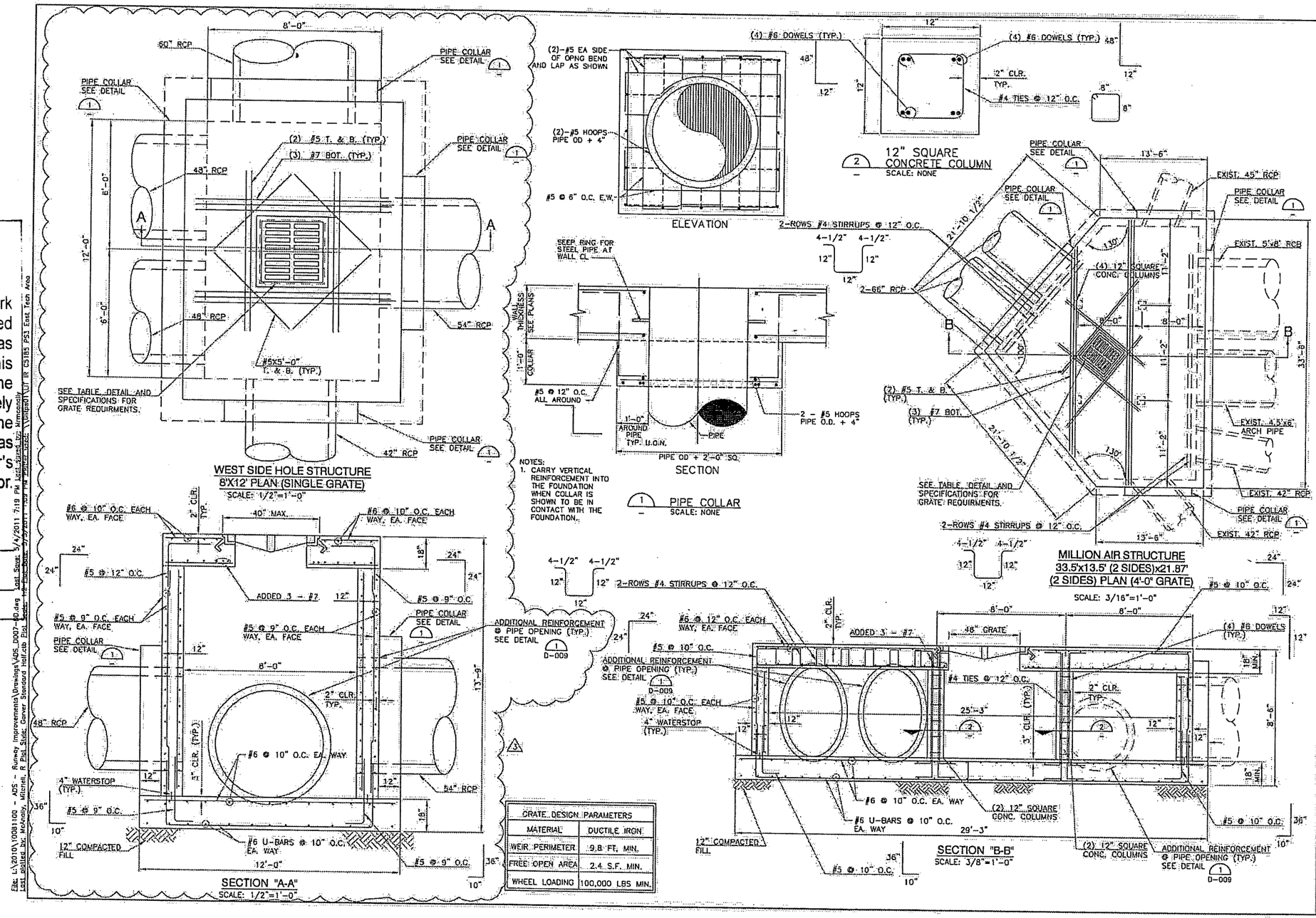
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

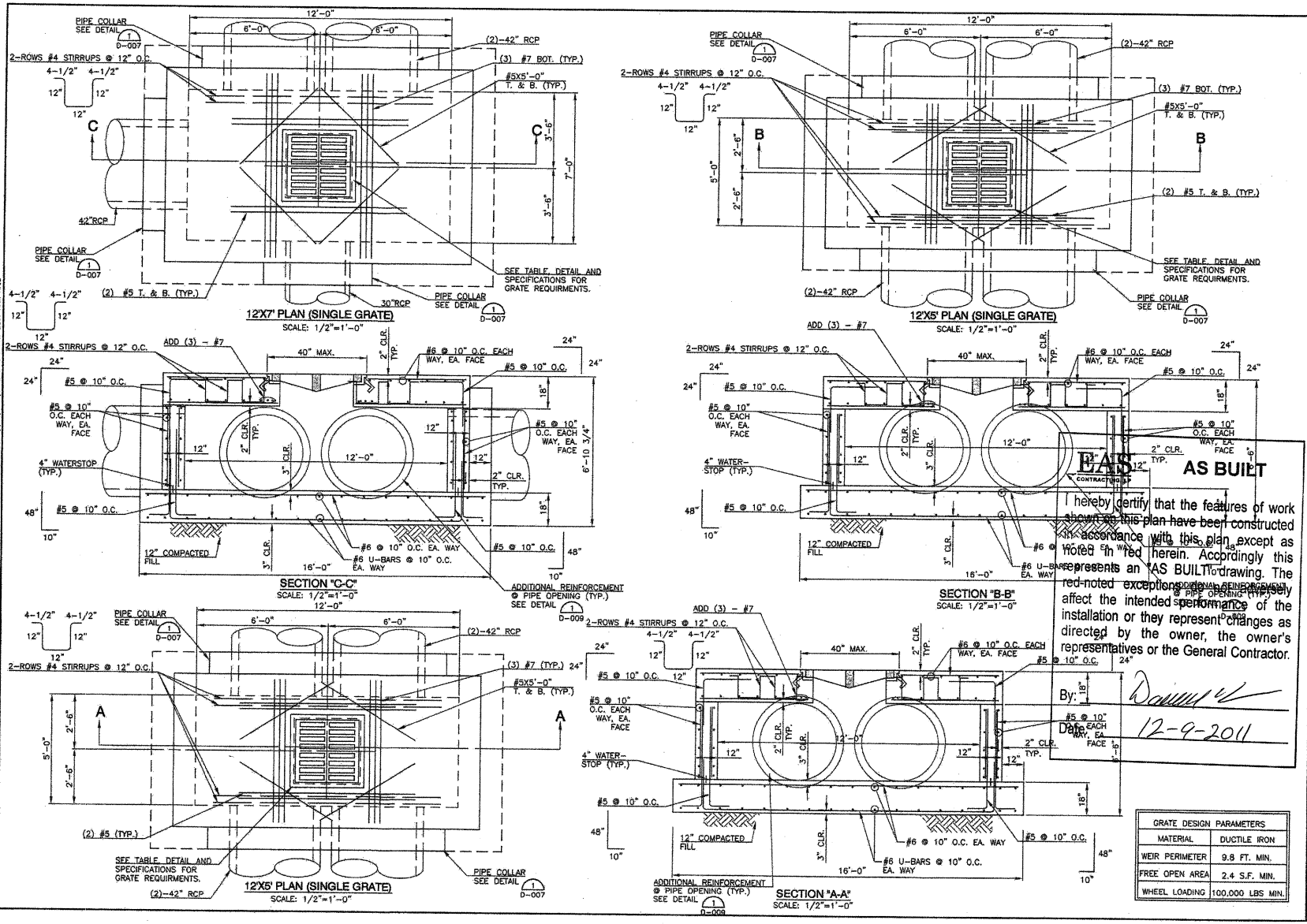
By: Bally McCollum

Date: 2-8-2012



GRATE DESIGN PARAMETERS	
MATERIAL	DUCTILE IRON
WEIR PERIMETER	9.8 FT. MIN.
FREE OPEN AREA	2.4 S.F. MIN.
WHEEL LOADING	100,000 LBS MIN.

REV.	DATE	DESCRIPTION	BY
1	3/11/11	ADDENDUM NO. 1	FDM
2	4/14/11	TW "E" MTL	FDM
3	5/5/11	CHANGE ORDER #2	FDM



GRATE DESIGN PARAMETERS	
MATERIAL	DUCTILE IRON
WEIR PERIMETER	9.8 FT. MIN.
FREE OPEN AREA	2.4 S.F. MIN.
WHEEL LOADING	100,000 LBS MIN.

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan, except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Daniel V

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

2/11/11

STATE OF TEXAS
FRANK O. MCILWAIN
93229
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

DRAINAGE DETAILS VII

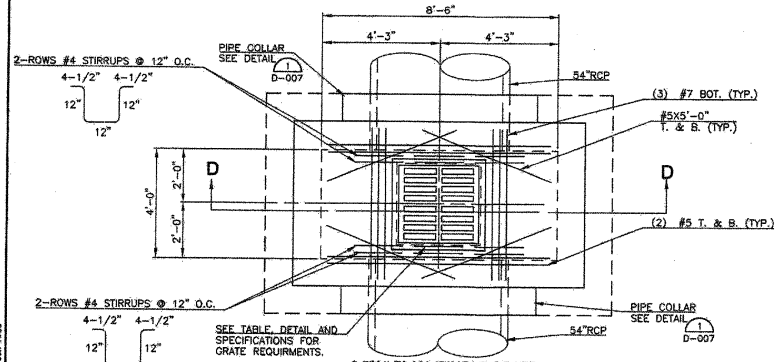
JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: MRH/JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1/2" 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

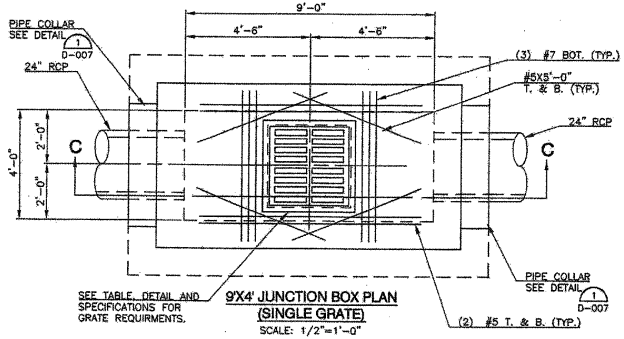
SHEET NUMBER

D-008

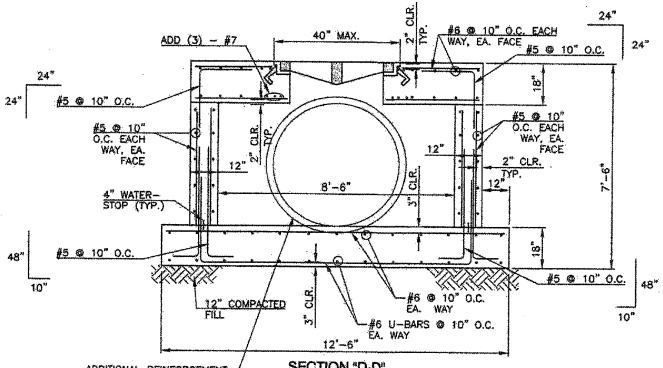
File: L:\30101\10081100 - ADS - Runway Improvements\Drawings\ADS_D008-00.dwg Last Save: 1/20/2011 8:40 AM Last saved by: Mitchell
Last plotted by: McKinsey, Mitchell, R Plot Style: Garver Standard Pen.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:18 PM Plotter name: \\Utilpc01\UT IR C5185 PS3 East Tech Area



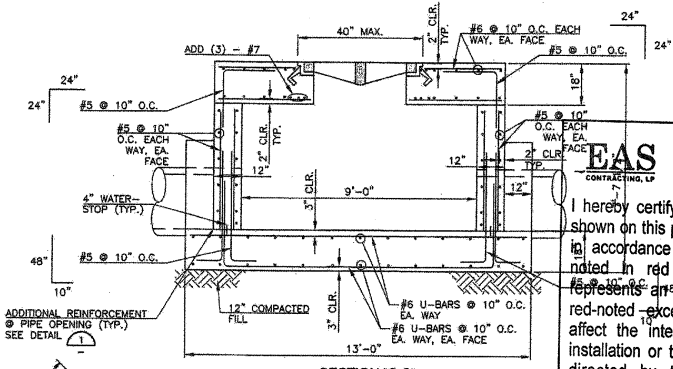
8.5'X4' PLAN (SINGLE GRATE)
SCALE: 1/2"=1'-0"



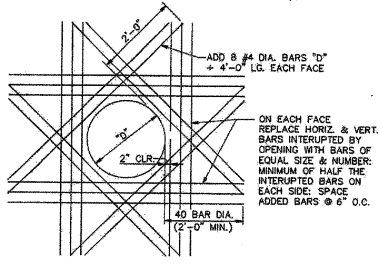
9'X4' JUNCTION BOX PLAN (SINGLE GRATE)
SCALE: 1/2"=1'-0"



SECTION "D-D"
SCALE: 1/2"=1'-0"



SECTION "C-C"
SCALE: 1/2"=1'-0"



1 ADDITIONAL REINF. @ ROUND OPENINGS IN WALLS OR SLABS
SCALE: NONE

GRATE DESIGN PARAMETERS	
MATERIAL	DUCTILE IRON
WEIR PERIMETER	9.8 FT. MIN.
FREE OPEN AREA	2.4 S.F. MIN.
WHEEL LOADING	100,000 LBS MIN.

EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: _____

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK O. MCILWAIN
83229
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

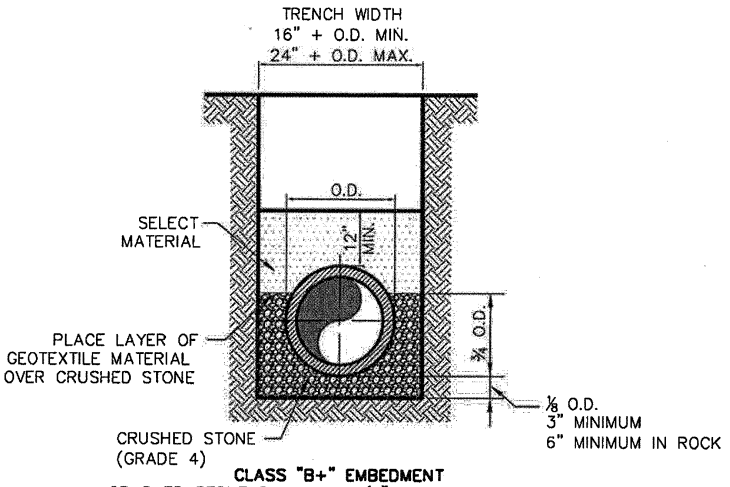
DRAINAGE DETAILS VIII

JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: CDW/MRM
DRAWN BY: MRH/JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-009

File: L:\3010\10081100 – ADS – Runway Improvements\Drawings\ADS_0009-CD.dwg Last Saved: 1/20/2011 8:44 AM Last saved by: Mrholl
Last plotted by: McAnally, Mitchell, R Plot Style: Garver Standard.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:18 PM Plotter name: \\Gilpe01\LIT IR C5185 PS3 East Tech Area



CLASS "B+" EMBEDMENT
CRUSHED STONE SHALL BE 3/4", PASSING # 4 SIEVE

TYPICAL P.V.C. WASTEWATER MAIN EMBEDMENT

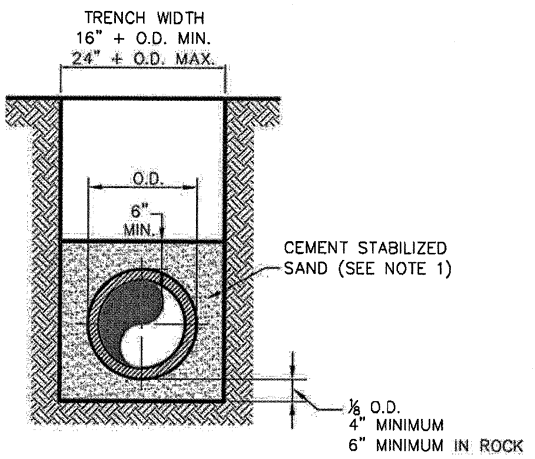
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Darell

Date: 12-9-2011



NOTE:

1. **CEMENT STABILIZED SAND SHALL HAVE A MINIMUM OF 10% CEMENT PER CUBIC YARD OF CEMENT STABILIZED SAND MIXTURE, BASED ON LOOSE DRY WEIGHT VOLUME (AT LEAST 2.5 BAGS OF CEMENT PER CUBIC YARD OF MIXTURE). THE USE OF BROWN COLORING IN CEMENT STABILIZED SAND IS REQUIRED FOR PRESSURE RATED WASTEWATER MAIN AND LATERAL BEDDING.**

P.V.C. WASTEWATER MAIN CEMENT STABILIZED SAND EMBEDMENT

Addison! PUBLIC WORKS DEPARTMENT	P.V.C. WASTEWATER MAIN EMBEDMENT	STANDARD CONSTRUCTION DETAILS WASTEWATER		
		DATE: AUGUST, 2010	REV DATE: -	SHEET : SD-WW01

ACCESS TO LINDBERGH DR.

MATCH EXISTING CONCRETE EDGE

UGE — 30ft — UGE — 30ft — UGE — 30ft

STA. 17+53.00, 337.50' LT
CONSTRUCT REIL ACCESS ROAD.
SEE FAA STANDARD DRAWING
SHEET SRC-D-MALSR01-C008
FOR TYPICAL SECITON.

TAXIWAY "C"

NOTES:
1. UNDERDRAINS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF P-209 CRUSHED AGGREGATE IN THE RECONSTRUCTION AREAS OF THE RUNWAY.
2. ALL UNDERDRAIN DETAILS ARE SHOWN ON SHEET D-002.
3. RUNWAY AND TAXIWAY EDGE LIGHTS EXIST WITHIN THE EXCAVATION LIMITS OF THE UNDERDRAINS. EXTREME CAUTION FOR BURIED CABLE SHALL BE TAKEN WHILE TRENCHING IN THIS AREA.
4. SEE UTILITY NOTE, G-201.

EAS TAXIWAY CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Danny V L

Date: 12-9-2011

50 25 0 50 100 150

LEGEND

- OVERLAY LIMITS (SHEET C-101)
- FULL DEPTH RECONSTRUCTION LIMITS (SHEET C-101)
- HDPE PIPE 4" NON-PERFORATED UNDERDRAIN (OUTLET PIPE)
- HDPE PIPE 4" PERFORATED UNDERDRAIN
- DIRECTION OF FLOW
- INLET

9+00 10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00 22+00 23+00

RUNWAY CENTERLINE

RUNWAY 15-33

100'

TAXIWAY "A"

TAXIWAY "C"

TAXIWAY "D"

TAXIWAY "A"

0.87%

0.50%

STA. 12+62.15, 54.75' RT.
INSTALL 90° ELBOW CONNECTION
FL=630.16'

STA. 12+62.15, 209.40' RT.
CONNECT TO INLET.
OUTLET FL= 629.39'

STA. 15+01.63, 200.00' RT.
FL=633.33'

STA. 12+62.15, 210' RT.
REMOVE EXISTING INLET.
CONSTRUCT 6'X4' AIRCRAFT RATED INLET,
SEE SHEET D-003 FOR DETAIL.
RIM EL.= 632.76
INLET FL=628.48

EXISTING 24" RCP

0.50%

STA. 15+71.41,
200.00' RT.
FL= 633.49'

0.60%

STA. 17+05.29, 54.75' RT.
INSTALL PVC
TEE CONNECTION
FL= 632.26'

STA. 18+51.00,
200.00' RT.
FL= 633.96'

0.50%

STA. 17+05.29, 227.51' RT.
CONNECT TO INLET.
OUTLET FL= 631.39'

STA. 17+05.29, 230' RT.
REMOVE EXISTING INLET.
CONSTRUCT 12'X5' AIRCRAFT RATED INLET,
SEE SHEET D-008 FOR DETAIL.
RIM EL.= 634.91
INLET FL= 630.04

Changed FROM 12'X5' TO 13'X5'

0.57%

STA. 21+00.00, 54.75' RT.
FL= 636.00'

REMOVE 80 LF OF 2-12" RCP
SEE PIPE REMOVAL
DETAIL SHEET D-005

STA. 19+15.67, 218' RT.
FL=634.18±

STA. 20+00.00, 218' RT.
CONNECT TO PROPOSED INLET
FL=633.76±

0.50%

EXISTING 2-42" RCP

STA. 20+02.40, 224.00' RT.
REMOVE EXISTING INLET.
CONSTRUCT 12'X5' AIRCRAFT RATED INLET.
SEE SHEET D-008 FOR DETAIL.
RIM EL.= 636.21
INLET FL= 631.33

RSA

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK O. MCILWAIN
92329
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

STAGE I - DRAINAGE PLAN

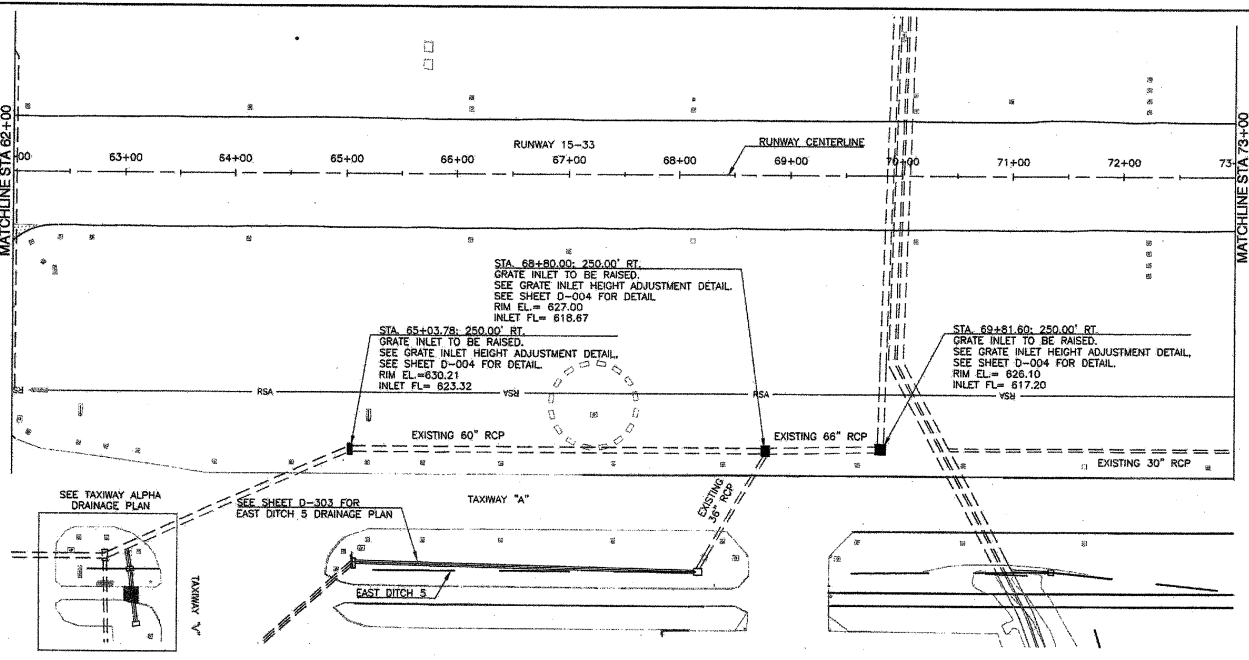
JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

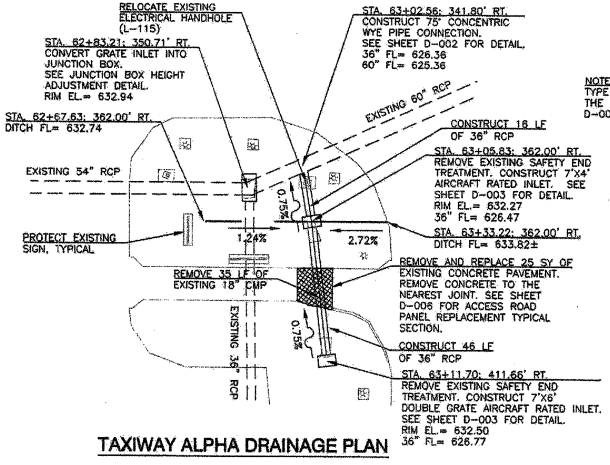
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

SHEET NUMBER

D-101

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D101_LO.dwg Last Saved: 2/14/2011 7:47 AM Last saved by: johnsonson
Last plotted by: Henderson, James, A Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/14/2011 7:47 AM Pentker name: \\dfgps01\UI IR C5185 PS3 East Tech Area





NOTE:
TYPE E CONSTRUCTION JOINT SHALL BE USED BETWEEEN THE EXISTING AND PROPOSED PAVEMENT SECTION. SEE SHEET D-006 FOR DETAIL.

TAXIWAY ALPHA DRAINAGE PLAN

50 25 0 50 100 150

LEGEND

- REMOVAL LIMITS
- DITCH FLOW LINE
- DITCH FLOW DIRECTION
- PIPE FLOW DIRECTION
- INLET
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

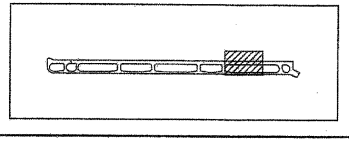
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Dawn M

Date: 12-9-2011



GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK D. MOLLWAIN
63220
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

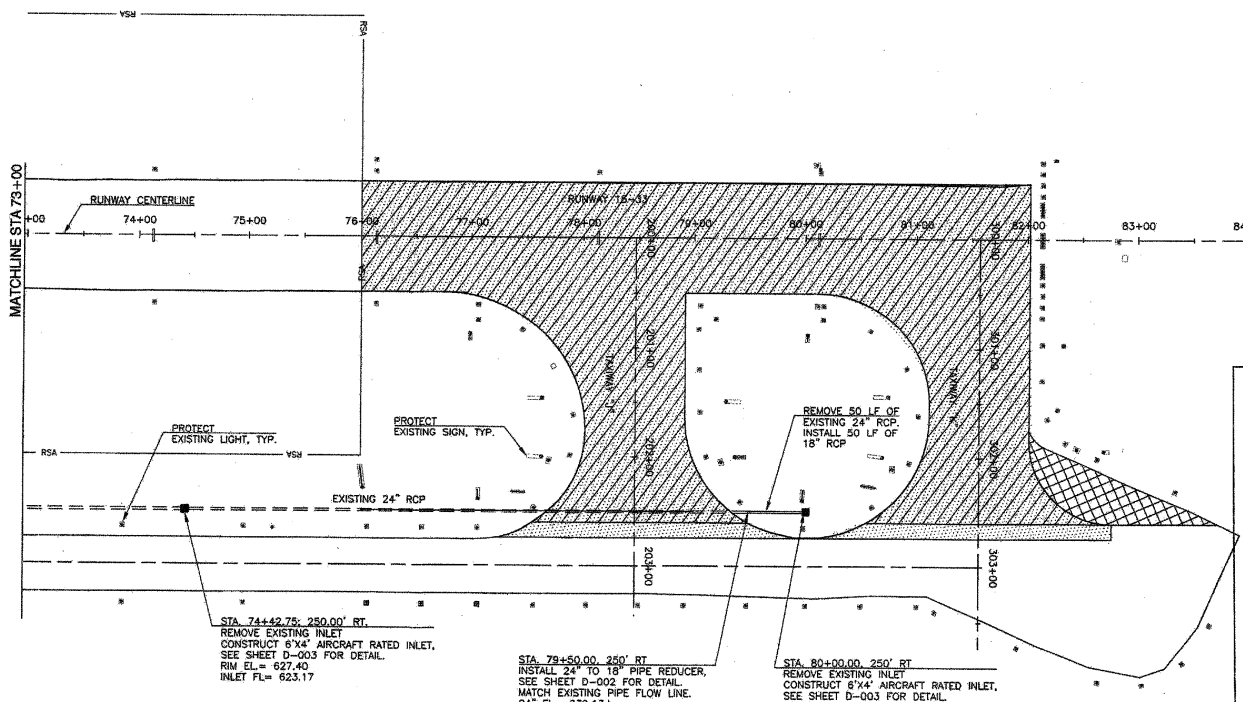
STAGE III - DRAINAGE PLAN I

JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1 2 3 4 5
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-301

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D301_PP.dwg Last Saved: 1/25/2011 8:56 AM Last saved by: Mmcconally
Last plotted by: Mcconally, Mitchell, R Plot Style: Garver-Standard.ctb Plot Scale: 1:2 Plot Date: 02/2/2011 3:19 PM Plotter name: \\Ulrpsd1\UT IR CS185 PS3 East Tech Area



50 25 0 50 100 150

LEGEND

- OVERLAY LIMITS
- FULL DEPTH RECONSTRUCTION LIMITS
- PAVEMENT REMOVAL ONLY
- INLET
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

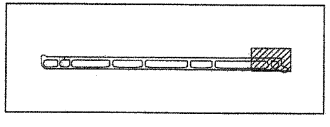
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Dawn K

Date: 12-9-2011



GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS — FRANK O. MCILWAIN 63229 — LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

STAGE III - DRAINAGE PLAN II

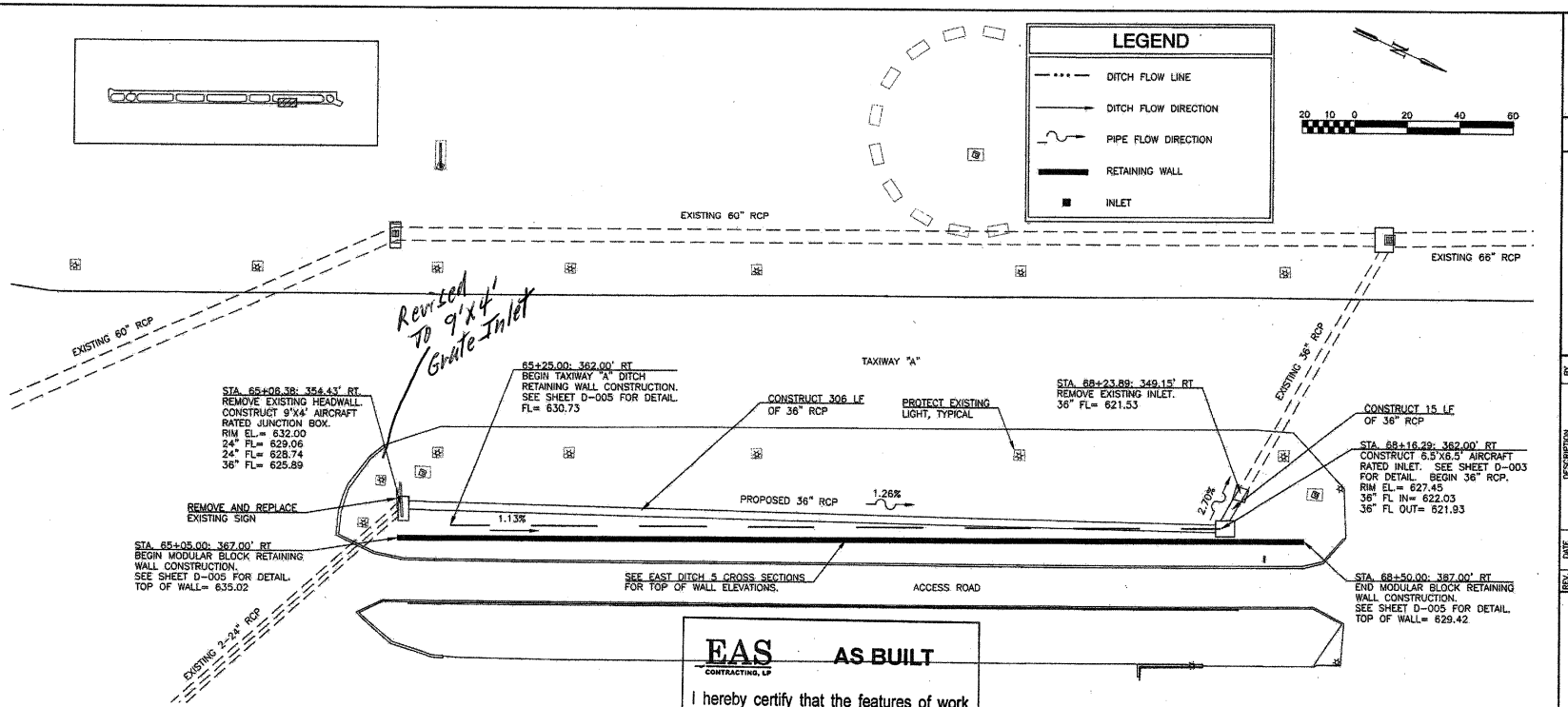
JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER

D-302

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D302_PP.dwg Last Saved: 1/3/2011 8:56 AM Last Saved By: Mmccauley
Last Plotted By: Mcauley, Michael, B Plot Scale: Driver: Sheetset Model Plot Scale: 1:2 Plot Date: 2/3/2011 3:19 PM Plotter name: \\Dfwpc1\UT IR C5185 PS3 East Tech Area



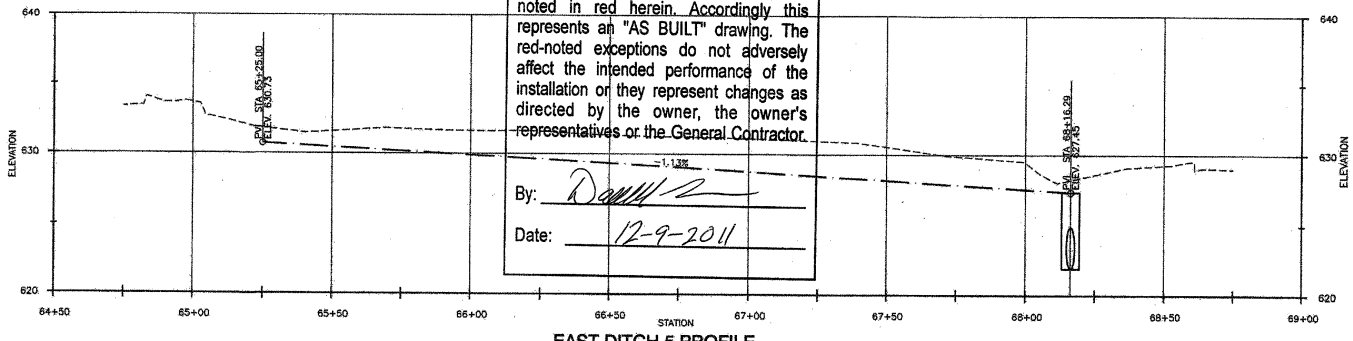
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Dawn

Date: 12-9-2011



EAST DITCH 5 PROFILE

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK D. MCILWAIN
93329
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

STAGE III - DRAINAGE PLAN III

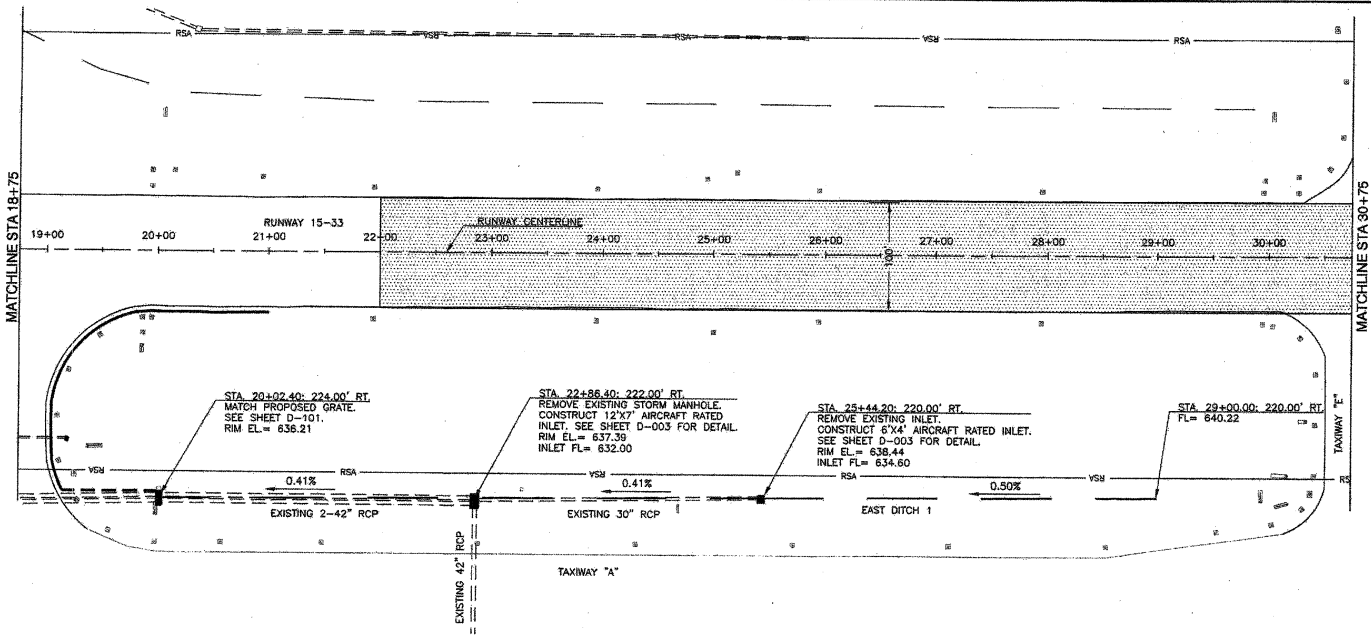
JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

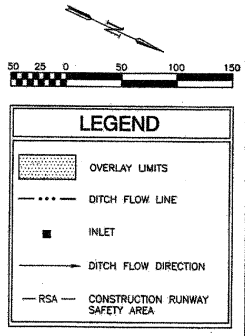
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER

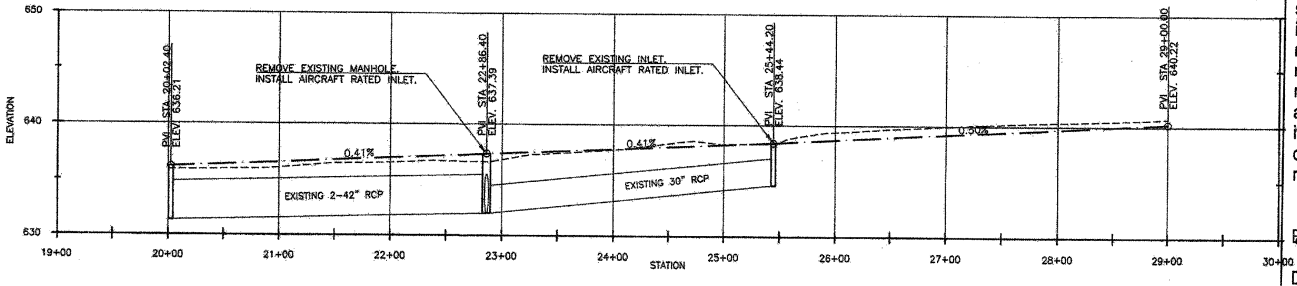
D-303

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D303_DP.dwg Last Saved: 1/3/2011 8:57 AM Last saved by: Mcmccandy
Last plotted by: McCrady, Mitchell, R Plot Style: Garver Standard hdf.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:19 PM Plotter: ascc: \\Dilgw01\Lf IR CS185 PS3 East Tech Area





NOTES:
1. STAGE VII CONSTRUCTION MAY NOT CROSS INTO THE CONSTRUCTION RUNWAY SAFETY AREA (RSA) 200' FROM RUNWAY CENTERLINE.
2. EAST LATERAL RSA GRADING AND DITCH TYPICAL SECTION SHOWN ON SHEET D-001.



EAST DITCH 1 PROFILE

EAS CONTRACTING, LP — AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: _____

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS — FRANK O. MCILLWAIN — 93229 — LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

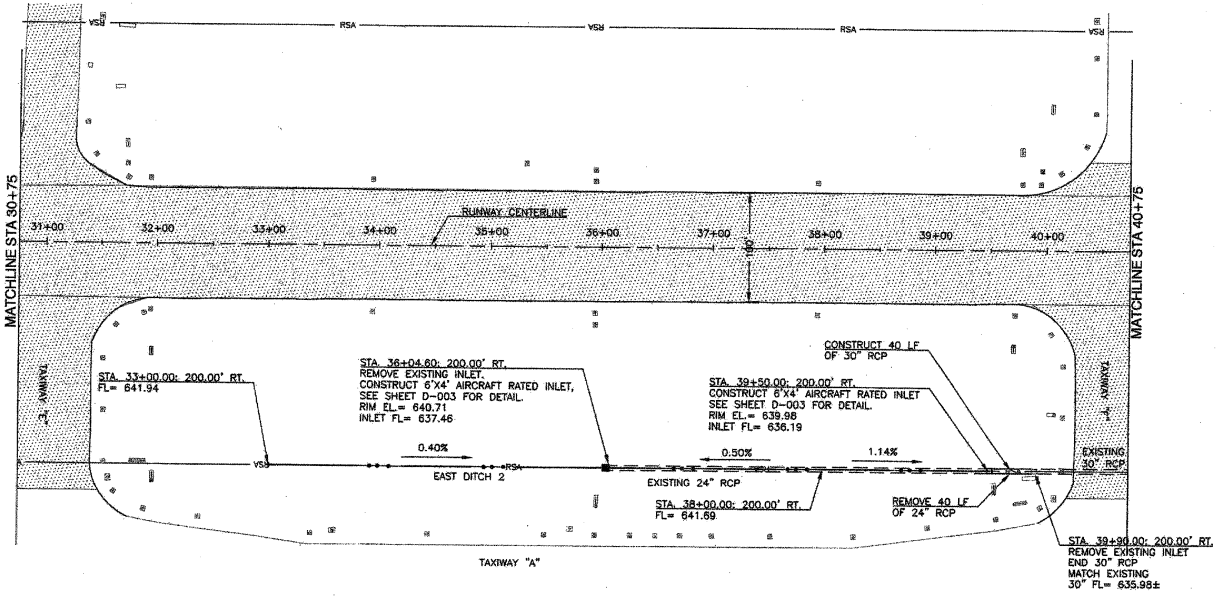
STAGE V-
EAST LATERAL RSA GRADING & DRAINAGE PLAN I

JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

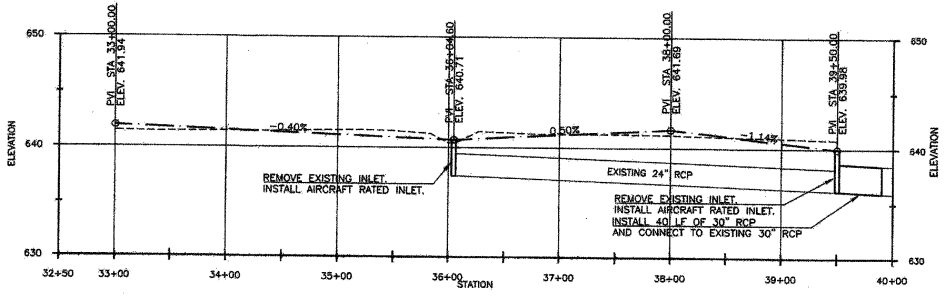
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1 2 scale in 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-501

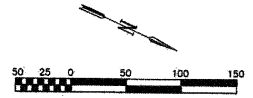
File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_0501-S01L_PP.dwg Last Saved: 1/3/2011 10:00 AM Last saved by: Mmcconally
Last plotted by: McNally, Michael, R Plot Scale: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:20 PM Plotter name: \\Utilpdf1\UT IR C5185 PS3 East Tech Area



NOTES:
1. STAGE VII CONSTRUCTION MAY NOT CROSS INTO THE CONSTRUCTION RUNWAY SAFETY AREA (RSA) 200' FROM RUNWAY CENTERLINE.
2. EAST LATERAL RSA GRADING AND DITCH TYPICAL SECTION SHOWN ON SHEET D-001.



EAST DITCH 2 PROFILE



LEGEND

- OVERLAY LIMITS
- DITCH FLOW LINE
- INLET
- DITCH FLOW DIRECTION
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

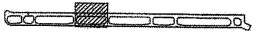
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: _____

Date: 12-9-2011



GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK O. MOILLWAIN
93229
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

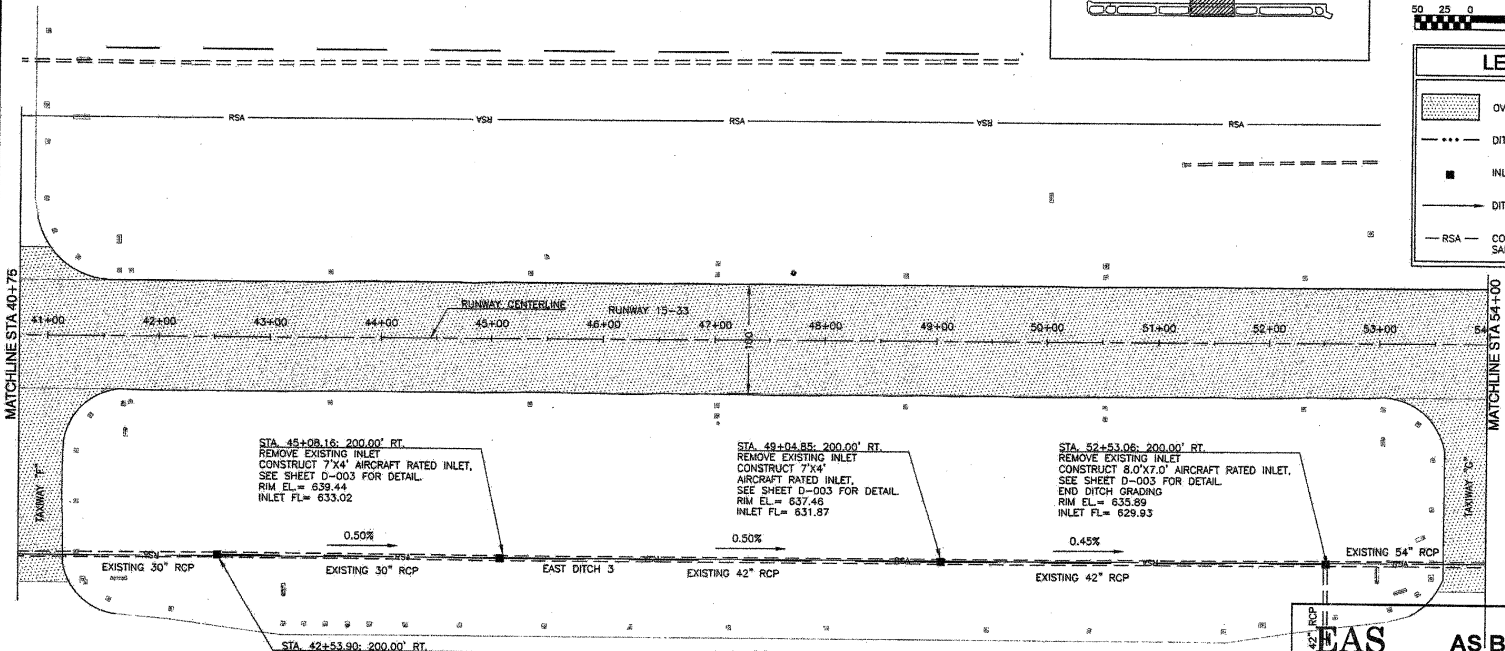
STAGE V-
EAST LATERAL RSA GRADING & DRAINAGE PLAN II

JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

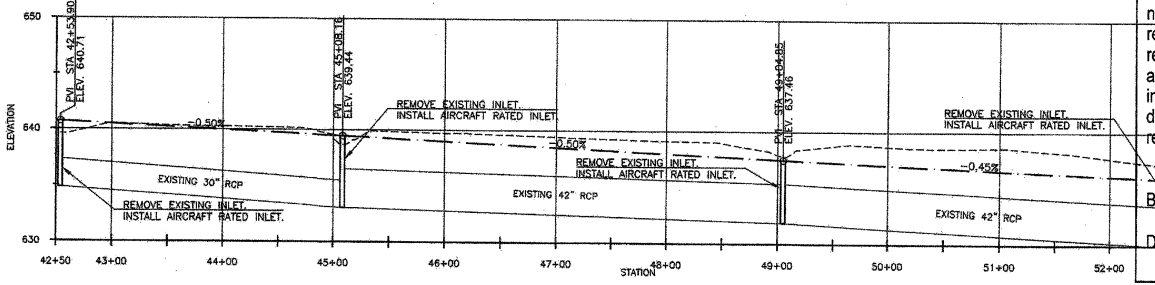
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1" 2"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-502

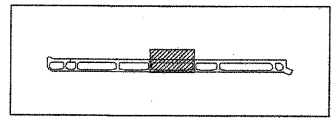
File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\WRS_D501-504_PP.dwg Last Saved: 12/9/2011 10:00 AM Last Saved By: Mmcovanly
Last Plotted By: Mcfindy, Mitchell R Plot Style: Garver Standard.ctb Plot Scale: 1:2 Plot Date: 2/12/2011 11:04 AM Plotter Name: \\Cdfnas01\Lit R C3185 P53 East Tech Area

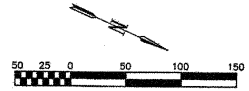


NOTES:
1. STAGE VII CONSTRUCTION MAY NOT CROSS INTO THE CONSTRUCTION RUNWAY SAFETY AREA (RSA) 200' FROM RUNWAY CENTERLINE.
2. EAST LATERAL RSA GRADING AND DITCH TYPICAL SECTION SHOWN ON SHEET D-001.



EAST DITCH 3 PROFILE





LEGEND

- OVERLAY LIMITS
- DITCH FLOW LINE
- INLET
- DITCH FLOW DIRECTION
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

AS BUILT

EAS CONTRACTING, LP

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Darrell K

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS — FRANK Q. MOILLWAIN — 93229 — LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

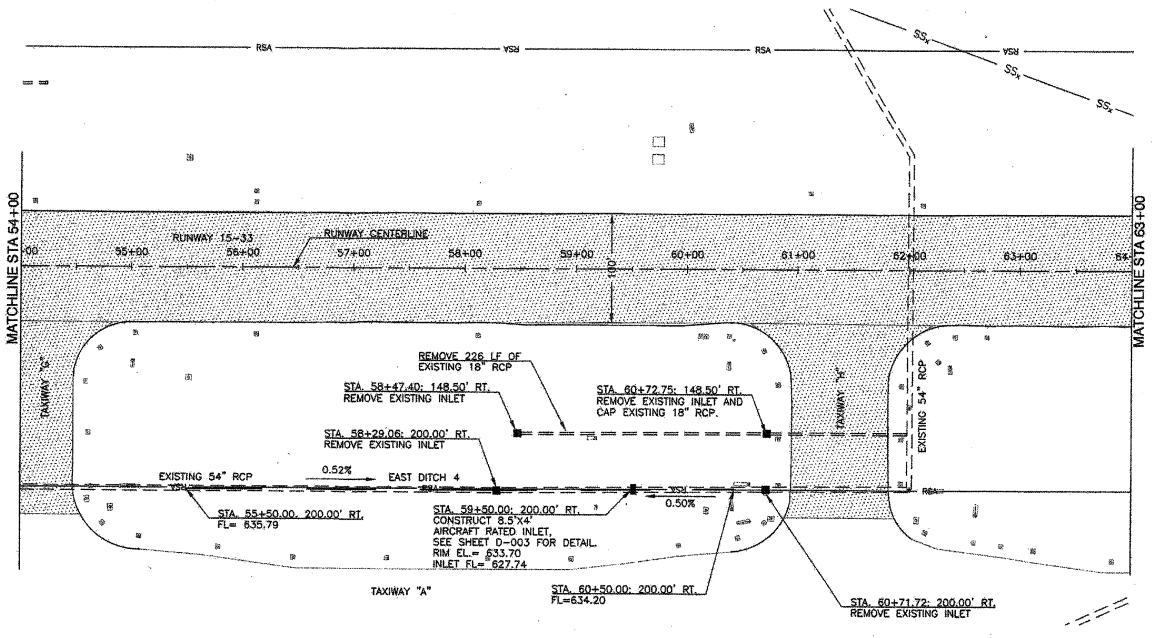
STAGE V-
EAST LATERAL RSA GRADING & DRAINAGE PLAN III

JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

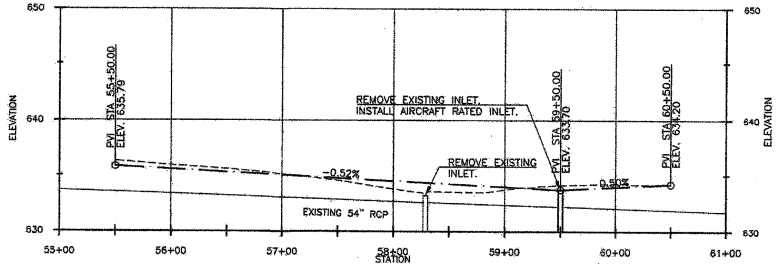
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-503

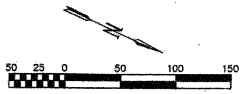
File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_0501-504_PP.dwg Last Save: 1/3/2011 10:09 AM Last saved by: Mmcnally
Last Plotted by: Mcnally, Michael, R Plot Scale: Garver Standard Half-size Plot Date: 12/2/2011 3:20 PM Plotter used: \\Output01\LIT R C9185 PS3 East Tech Area



NOTES:
1. STAGE VII CONSTRUCTION MAY NOT CROSS INTO THE CONSTRUCTION RUNWAY SAFETY AREA (RSA) 200' FROM RUNWAY CENTERLINE.
2. EAST LATERAL RSA GRADING AND DITCH TYPICAL SECTION SHOWN ON SHEET D-001.



EAST DITCH 4 PROFILE



LEGEND

- OVERLAY LIMITS
- DITCH FLOW LINE
- INLET
- DITCH FLOW DIRECTION
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

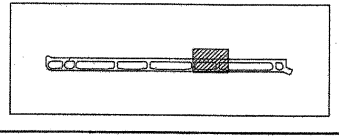
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: _____

Date: 12-9-2011



GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK O. MCILLWAIN
93229
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

STAGE V-
EAST LATERAL RSA GRADING & DRAINAGE PLAN IV

JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-504

File: L:\30100\10081100 - ADS - Runway Improvements\Drawings\ADS_D501-504_PP.dwg Last Saved: 1/13/2011 10:00 AM Last saved by: Mcmccomolly
Last plotted by: Mcmccomolly, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:03 PM Display: \\Plan\Loc IR CS185 PS3 East Tech Area

LEGEND

- OVERLAY LIMITS
- DITCH FLOW LINE
- INLET
- DITCH FLOW DIRECTION
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

50 25 0 50 100 150

TAXIWAY "B"

PROTECT EXISTING FAA RADIO EQUIPMENT.

STA. 17+34.22; 325.87' LT. EXISTING GRATE INLET TO REMAIN.

STA. 17+40.00; 321.50' LT. CAP EXISTING 30" PIPE. BEGIN REMOVAL OF 310 LF OF 30" PIPE.

EXISTING 30" RCP TO BE REMOVED.

PROTECT GLIDESLOPE ANTENNA

0.41%

WEST DITCH 1

STA. 30+00.00; 255.00' LT. FL=640.00'

STA. 17+50.00; 255.00' LT. MATCH EXISTING DITCH FL=634.84±

STA. 20+34.56; 204.19' LT. REMOVE EXISTING INLET. BEGIN REMOVAL OF 543 LF OF 24" RCP. END REMOVAL OF 30" RCP.

EXISTING 24" RCP TO BE REMOVED.

STA. 25+81.18; 199.66' LT. REMOVE EXISTING INLET. END REMOVAL OF 24" RCP.

EXISTING DITCH TO BE REMOVED.

RSA

MATCHLINE STA 17+00

RUNWAY 15-33

RUNWAY CENTERLINE

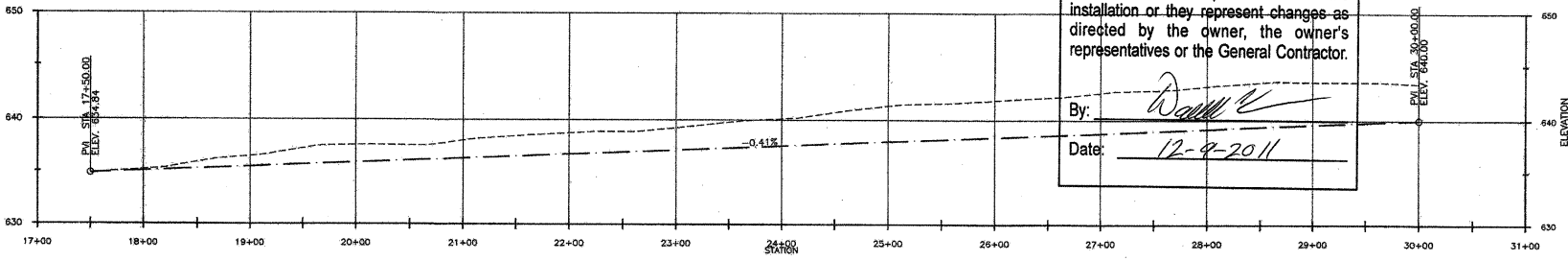
17+00 18+00 19+00 20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00 31+00

MATCHLINE STA 31+00

TAXIWAY "D"

TAXIWAY "E"

NOTES:
1. STAGE VII CONSTRUCTION MAY NOT CROSS INTO THE CONSTRUCTION RUNWAY SAFETY AREA (RSA) 200' FROM RUNWAY CENTERLINE.
2. WEST LATERAL RSA GRADING AND DITCH TYPICAL SECTION SHOWN ON SHEET D-001.



WEST DITCH 1 PROFILE

EAS CONTRACTING, LP — **AS BUILT**

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: _____

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS — FRANK O. MOLLWAIN — 93239 — LICENSED — PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

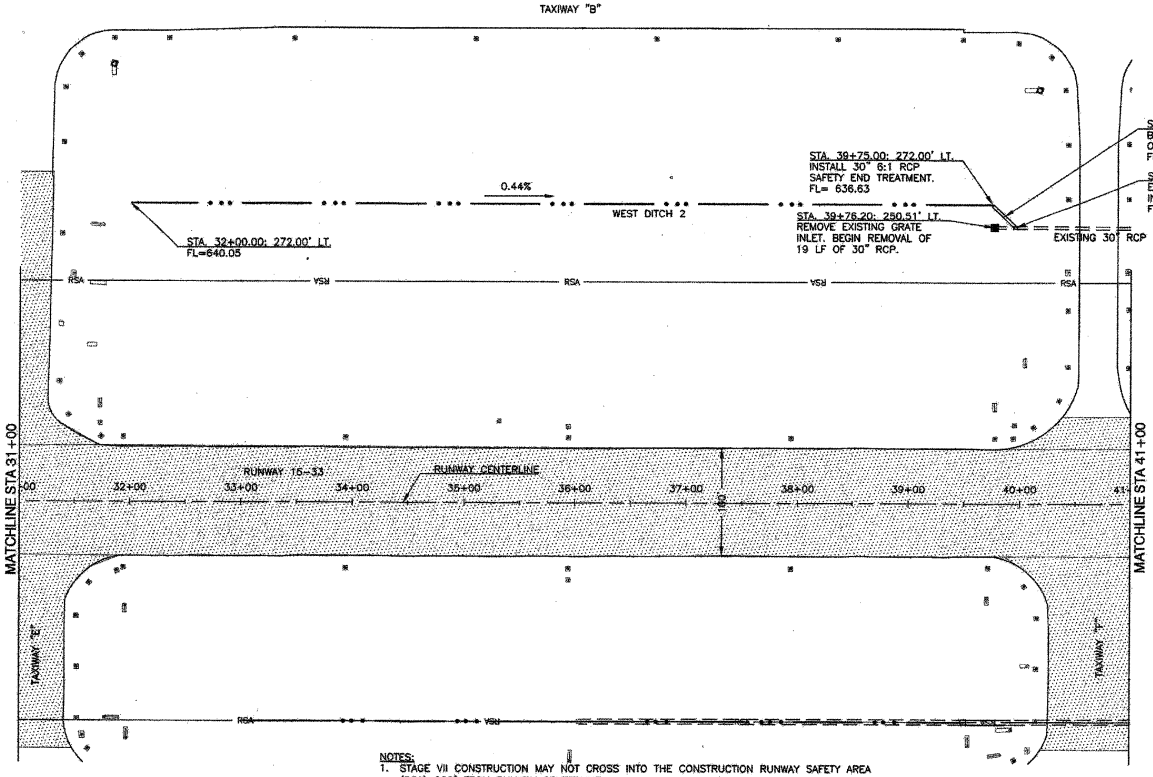
STAGE V-
WEST LATERAL RSA GRADING & DRAINAGE PLAN I

JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

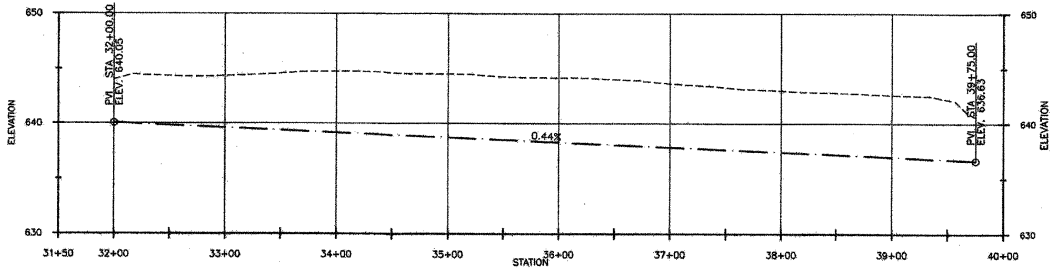
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-505

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_05105-509_PR.dwg Last Save: 1/3/2011 10:35 AM Last saved by: Mcmcaoly
Last plotted by: McAnaly, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:21 PM Plotter used: \\Gilbert1\UT IR C5185 PS3 East Tech Area



NOTES:
1. STAGE VII CONSTRUCTION MAY NOT CROSS INTO THE CONSTRUCTION RUNWAY SAFETY AREA (RSA) 200' FROM RUNWAY CENTERLINE.
2. WEST LATERAL RSA GRADING AND DITCH TYPICAL SECTION SHOWN ON SHEET D-001.



WEST DITCH 2 PROFILE

50 25 0 50 100 150

LEGEND

- OVERLAY LIMITS
- DITCH FLOW LINE
- INLET
- DITCH FLOW DIRECTION
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

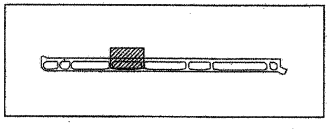
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Daniel

Date: 12-9-2011



GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK O. MCILLWAIN
93259
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

STAGE V-
WEST LATERAL RSA GRADING & DRAINAGE PLAN II

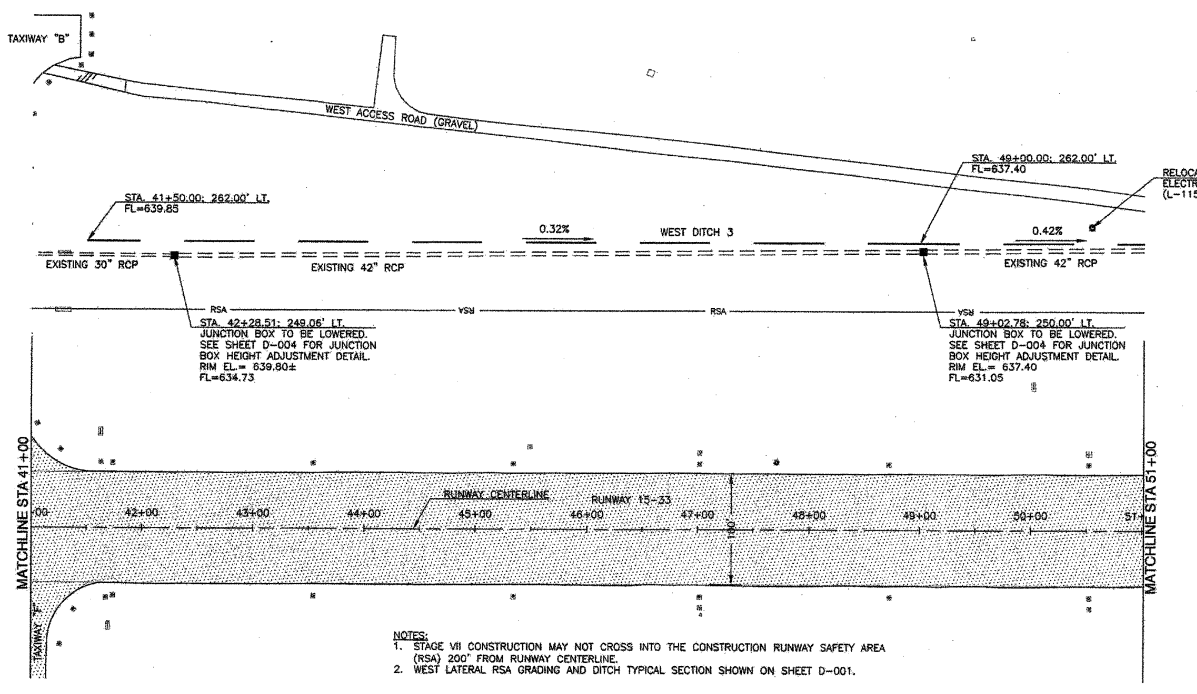
JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1/2" 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

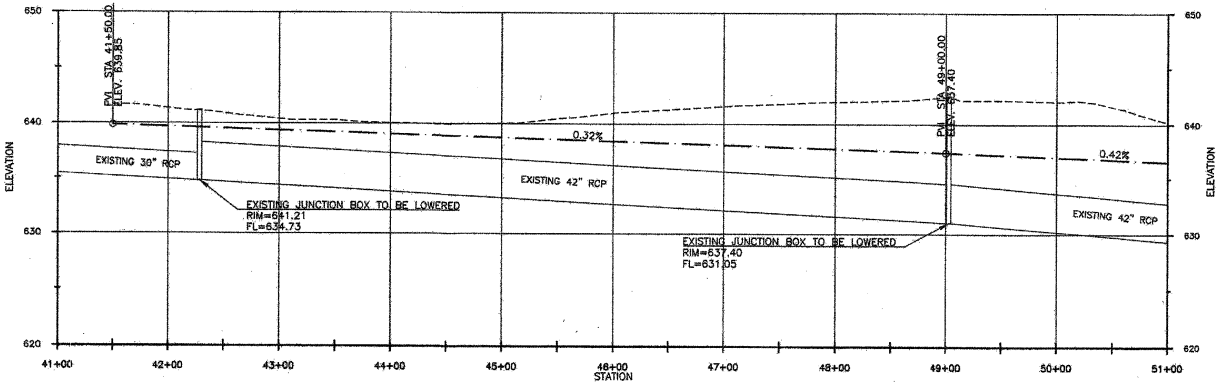
SHEET NUMBER

D-506

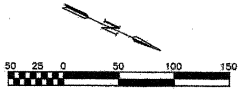
File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D506_PP.dwg Last Saved: 1/3/2011 10:36 AM Last Plotted by: Mcmcomdly
Layout: Plotted by: McKendly, Mitchell, R Plot Scale: Over Stamped Half.ctb Plot Date: 2/16/2011 11:05 AM Plotter used: \\Garver\ LJT IR C5185 PS3 East Tech Area



NOTES:
1. STAGE VII CONSTRUCTION MAY NOT CROSS INTO THE CONSTRUCTION RUNWAY SAFETY AREA (RSA) 200' FROM RUNWAY CENTERLINE.
2. WEST LATERAL RSA GRADING AND DITCH TYPICAL SECTION SHOWN ON SHEET D-001.



WEST DITCH 3 PROFILE



LEGEND

- OVERLAY LIMITS
- DITCH FLOW LINE
- INLET
- DITCH FLOW DIRECTION
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

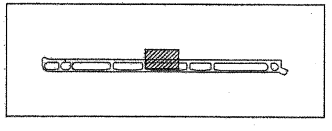
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: _____

Date: 12-9-2011



GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK G. MOLLWAIM
93229
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

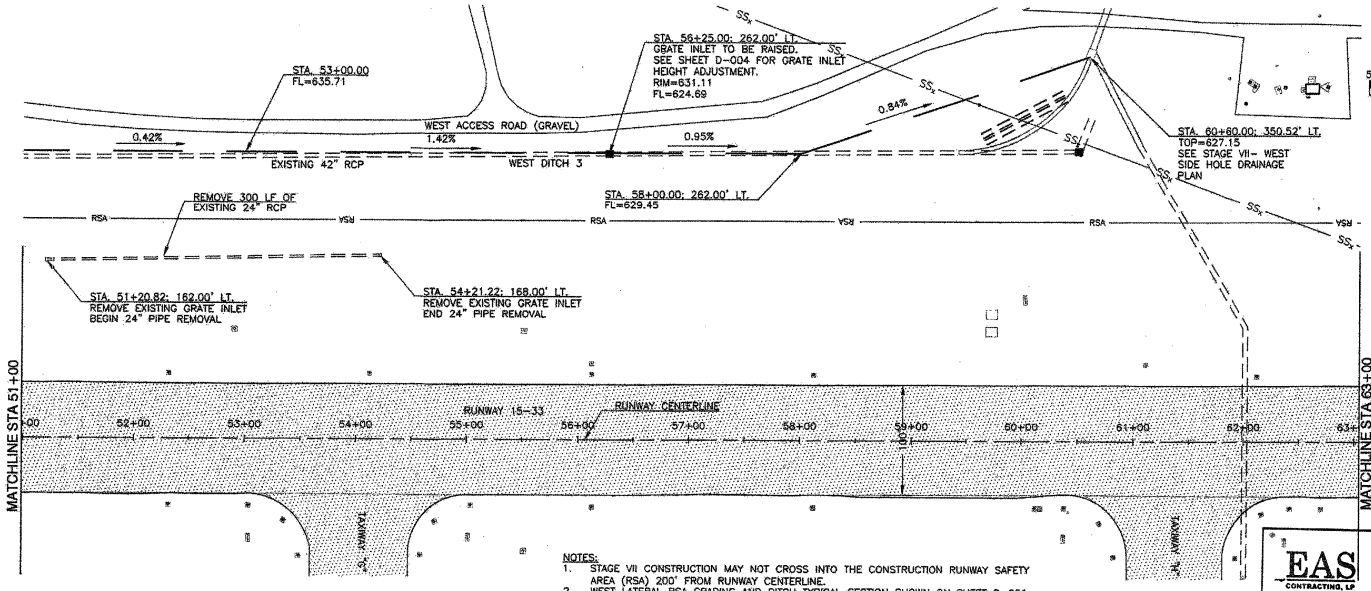
STAGE V-
WEST LATERAL RSA GRADING & DRAINAGE PLAN III

JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1 2 3 4 5
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-507

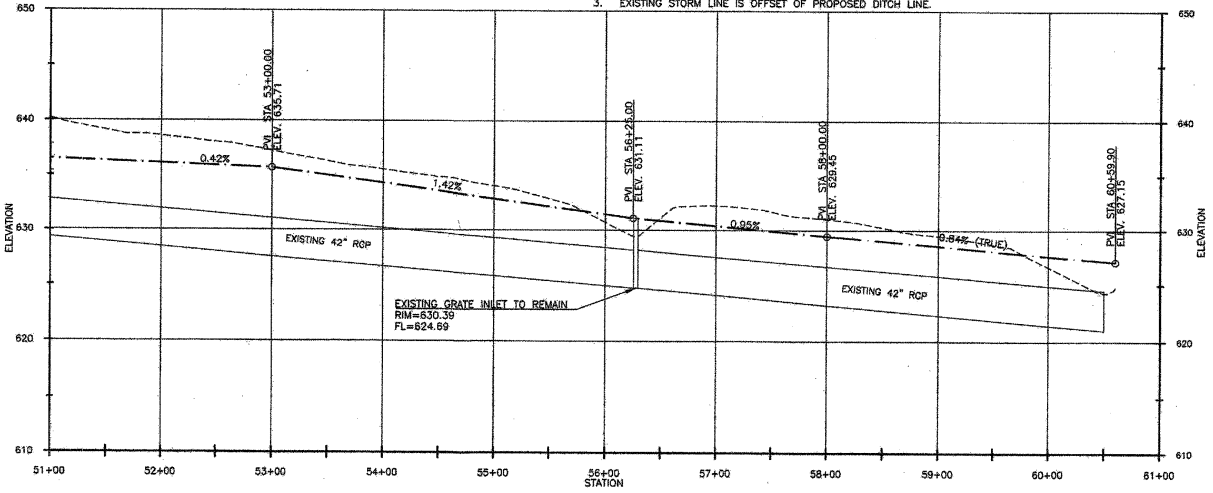
File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D505-509_PP.dwg Last Saved: 1/3/2011 10:36 AM Last saved by: Mmccarthy
Last plotted by: McAnally, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:52 PM Plotter name: \\Gdfpw01\LIT IR C5185 PS3 East Tech Area



LEGEND

- OVERLAY LIMITS
- DITCH FLOW LINE
- INLET
- DITCH FLOW DIRECTION
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

NOTES:
1. STAGE VII CONSTRUCTION MAY NOT CROSS INTO THE CONSTRUCTION RUNWAY SAFETY AREA (RSA) 200' FROM RUNWAY CENTERLINE.
2. WEST LATERAL RSA GRADING AND DITCH TYPICAL SECTION SHOWN ON SHEET D-001.
3. EXISTING STORM LINE IS OFFSET OF PROPOSED DITCH LINE.



WEST DITCH 3 PROFILE

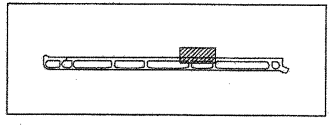
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Darren K

Date: 12-9-2011



GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK G. MCILLWAIN
93239
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

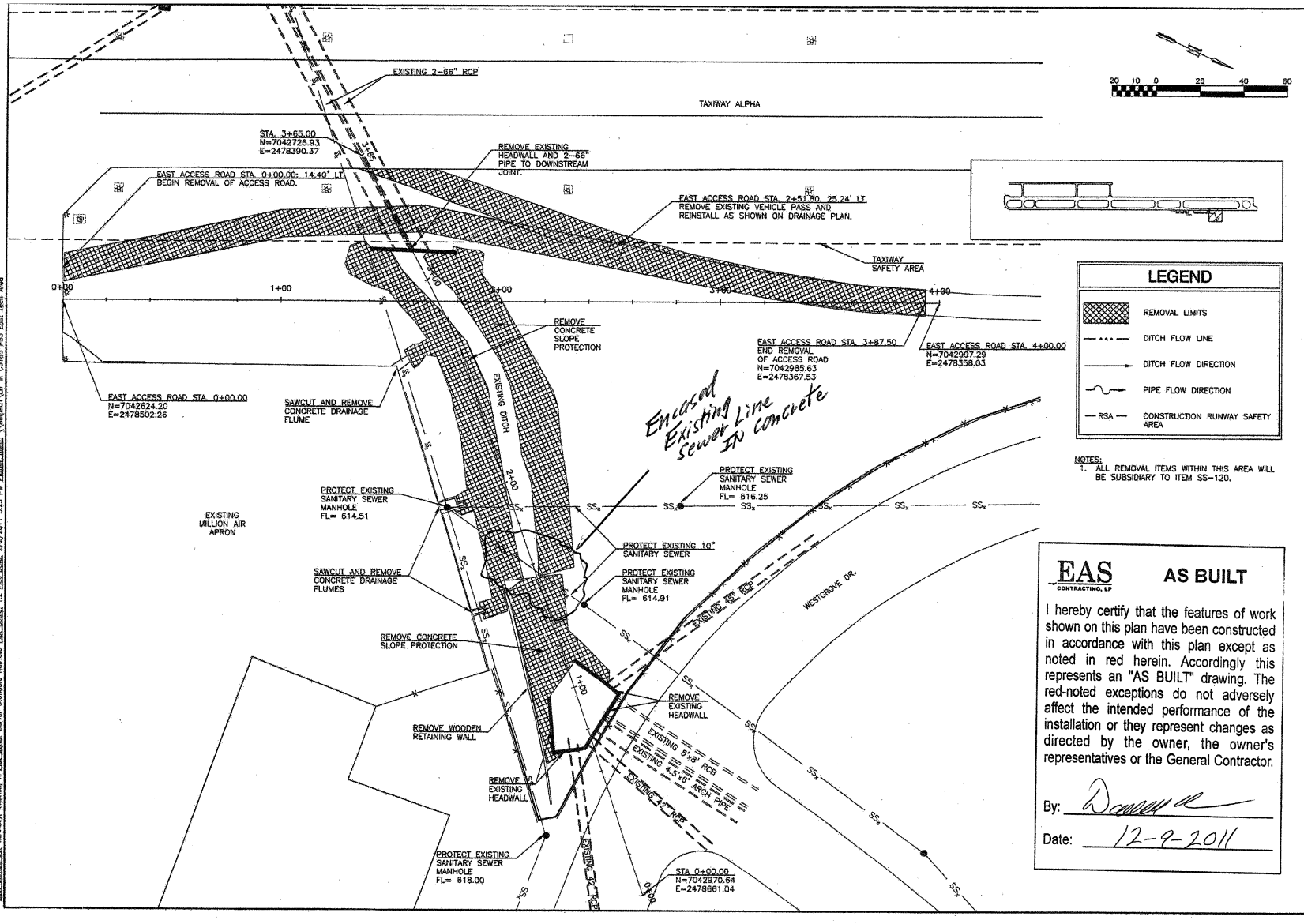
STAGE V-
WEST LATERAL RSA GRADING & DRAINAGE PLAN IV

JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-508

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D505-509_PP.dwg Last Save: 1/3/2011 10:38 AM Last saved by: Mmcconally
Last Modified by: McAnally, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/3/2011 3:23 PM Plotter used: \\Gitpo01\LIF IR C5185 PS3 East Tech Area



NOTES:
1. ALL REMOVAL ITEMS WITHIN THIS AREA WILL BE SUBSIDIARY TO ITEM SS-120.

EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: _____

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS — FRANK O. MOLLWAIN — 93239 — LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

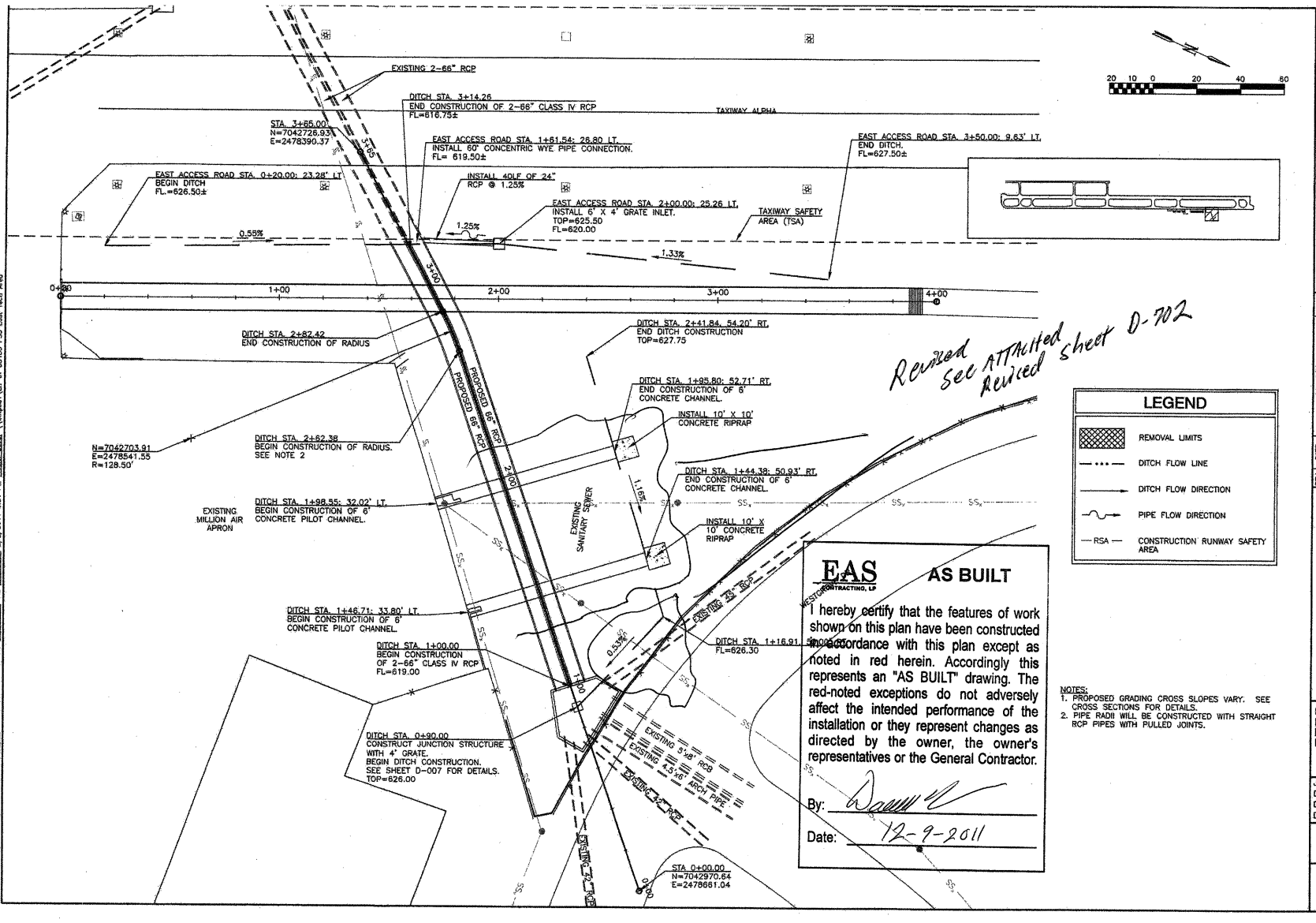
STAGE VII - MILLION AIR DITCH DEMOLITION PLAN

JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

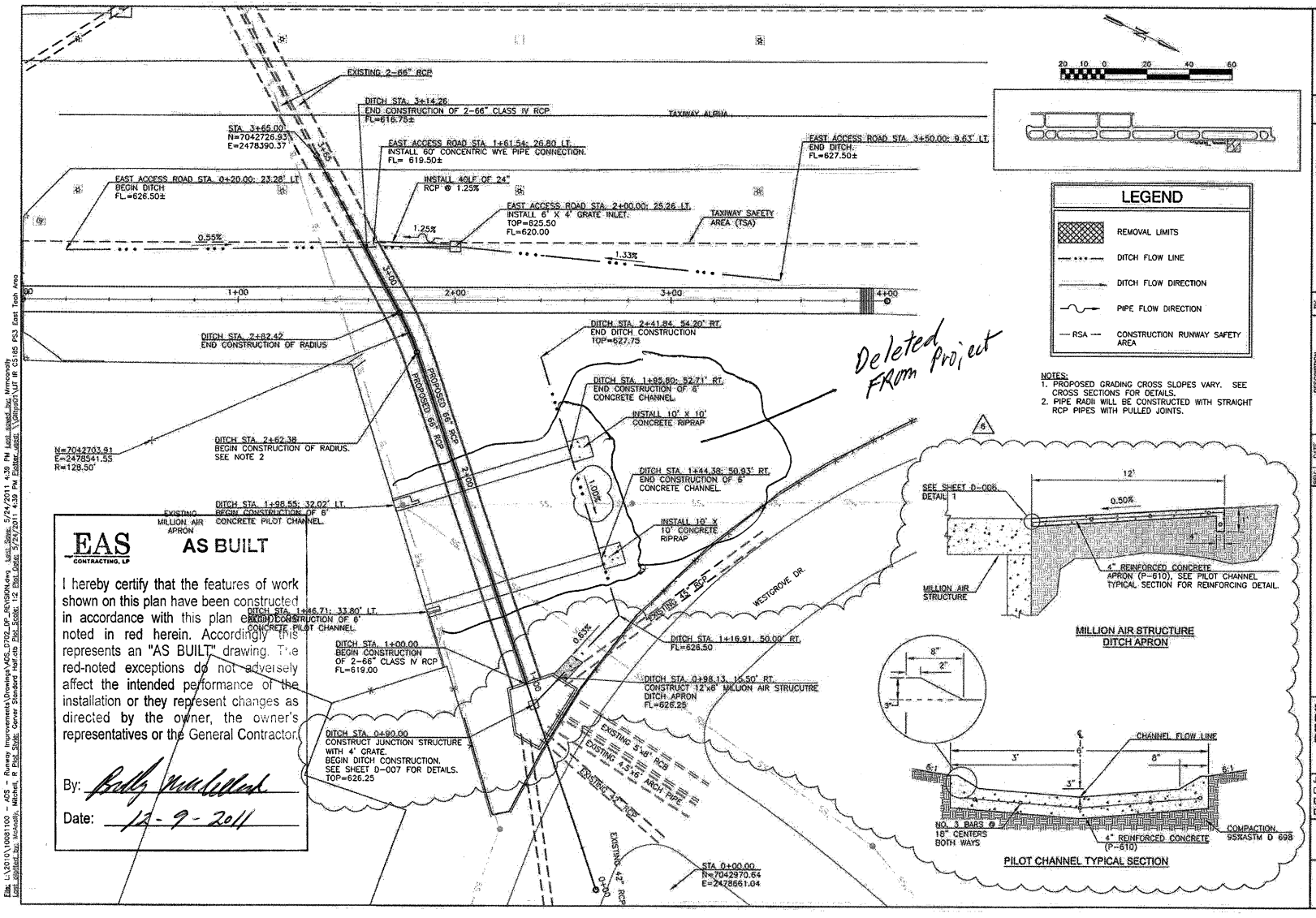
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

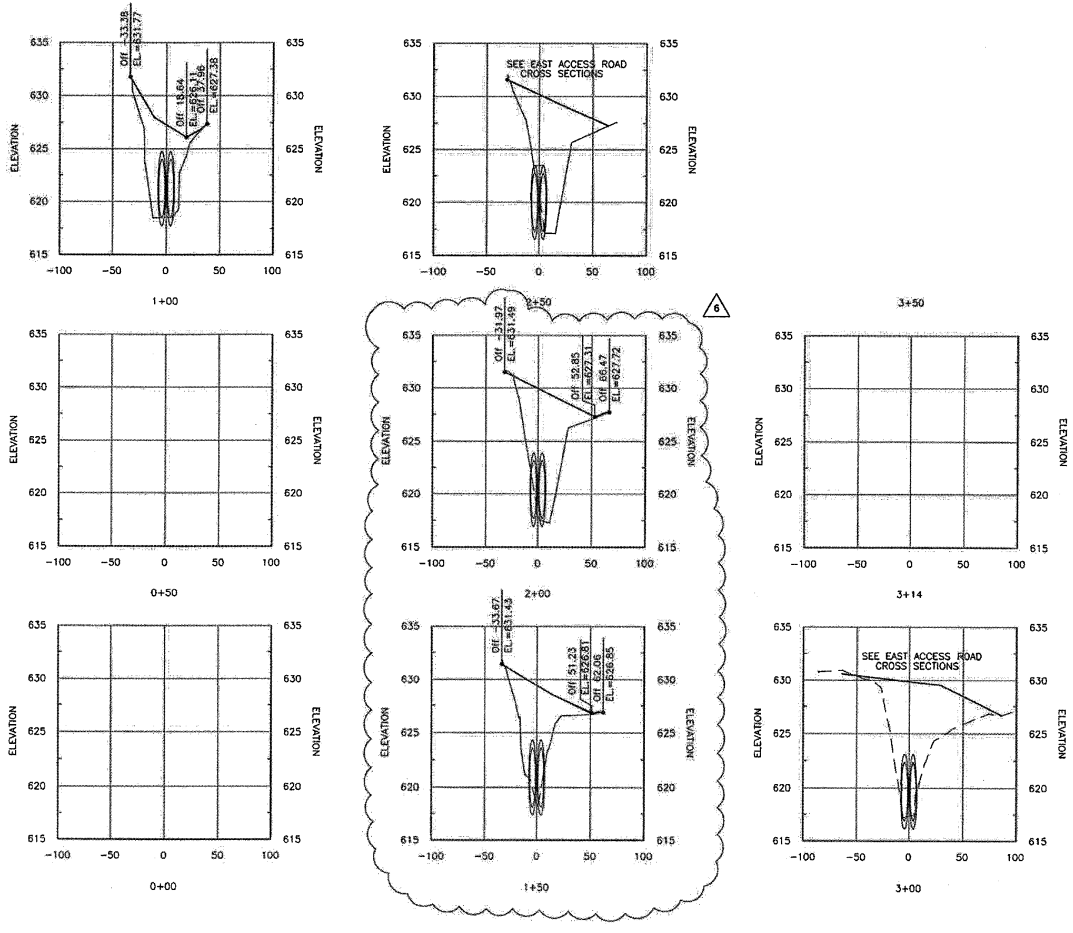
SHEET NUMBER
D-701

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D701_DP.dwg Last Saved: 1/3/2011 10:38 AM Last saved by: Mitchell
Last plotted by: McAnally, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/9/2011 3:23 PM Plotter used: \\Gtfpw01\LJT IR C5185 P53 Ext Tech Area



File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D702_DP.dwg Last Save: 1/26/2011 10:43 AM Last saved by: Mmccanally
Last plotted by: McAnally, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:24 PM Plotter used: \\Utilpw01\Lf JR C5185 PS3 East Tech Area


EXISTING 2-66" RCP
DITCH STA. 3+14.26
END CONSTRUCTION OF 2-66" CLASS IV RCP
FL=616.75±
TAXIWAY ALPHA
STA. 3+65.00
N=7042726.93
E=2478390.37
EAST ACCESS ROAD STA. 1+61.54; 26.80 LT.
INSTALL 60" CONCENTRIC WYE PIPE CONNECTION.
FL= 619.50±
EAST ACCESS ROAD STA. 3+50.00; 9.63' LT.
END DITCH.
FL=627.50±
EAST ACCESS ROAD STA. 0+20.00; 23.28' LT.
BEGIN DITCH
FL=626.50±
INSTALL 40LF OF 24"
RCP @ 1.25%
EAST ACCESS ROAD STA. 2+00.00; 25.26 LT.
INSTALL 6' X 4' GRATE INLET.
TOP=625.50
FL=620.00
TAXIWAY SAFETY
AREA (TSA)
0.55%
1.25%
1.33%
1+00
2+00
3+00
4+00
DITCH STA. 2+82.42
END CONSTRUCTION OF RADIUS
DITCH STA. 2+41.84, 54.20' RT.
END DITCH CONSTRUCTION
TOP=627.75
PROPOSED 60" RCP
PROPOSED 66" RCP
DITCH STA. 1+95.80; 52.71' RT.
END CONSTRUCTION OF 6'
CONCRETE CHANNEL.
INSTALL 10' X 10'
CONCRETE RIPRAP
N=7042703.91
E=2478541.55
R=128.50'
DITCH STA. 2+62.38
BEGIN CONSTRUCTION OF RADIUS.
SEE NOTE 2
1.00%
DITCH STA. 1+44.38; 50.93' RT.
END CONSTRUCTION OF 6'
CONCRETE CHANNEL.
EXISTING
MILLION AIR
APRON
DITCH STA. 1+98.55; 32.02' LT.
BEGIN CONSTRUCTION OF 6'
CONCRETE PILOT CHANNEL.
INSTALL 10' X
10' CONCRETE
RIPRAP
EXISTING 48" RCP
WESTGROVE DR.
DITCH STA. 1+46.71; 33.80' LT.
END CONSTRUCTION OF 6'
CONCRETE PILOT CHANNEL.
DITCH STA. 1+00.00
BEGIN CONSTRUCTION
OF 2-66" CLASS IV RCP
FL=619.00
0.65%
DITCH STA. 1+16.91, 50.00' RT.
FL=626.50
DITCH STA. 0+98.13, 15.50' RT.
CONSTRUCT 12'x6' MILLION AIR STRUCUTRE
DITCH APRON
FL=626.25
DITCH STA. 0+90.00
CONSTRUCT JUNCTION STRUCTURE
WITH 4' GRATE.
BEGIN DITCH CONSTRUCTION.
SEE SHEET D-007 FOR DETAILS.
TOP=626.25
EXISTING 5'x8' RCB
EXISTING 4.5'x6' ARCH PIPE
EXISTING 3'x7' RCP
EXISTING 42" RCP
STA. 0+00.00
N=7042970.64
E=2478661.04
Deleted From Project
LEGEND
REMOVAL LIMITS
DITCH FLOW LINE
DITCH FLOW DIRECTION
PIPE FLOW DIRECTION
RSA
CONSTRUCTION RUNWAY SAFETY AREA
NOTES:
1. PROPOSED GRADING CROSS SLOPES VARY. SEE CROSS SECTIONS FOR DETAILS.
2. PIPE RADII WILL BE CONSTRUCTED WITH STRAIGHT RCP PIPES WITH PULLED JOINTS.
SEE SHEET D-006, DETAIL 1
12'
0.50%
4"
4" REINFORCED CONCRETE APRON (P-610). SEE PILOT CHANNEL TYPICAL SECTION FOR REINFORCING DETAIL.
MILLION AIR STRUCTURE
MILLION AIR STRUCTURE DITCH APRON
8"
2"
3"
CHANNEL FLOW LINE
3'
6"
8"
6:1
NO. 3 BARS @ 18" CENTERS BOTH WAYS
4" REINFORCED CONCRETE (P-610)
COMPACTION 95%ASTM D 698
PILOT CHANNEL TYPICAL SECTION
EAS CONTRACTING, LP
AS BUILT
I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.
By:
Date: 12-9-2011
GARVER
REGISTRATION NO. F-5719
STATE OF TEXAS
FRANK G. MOLLWAIN
93229
LICENSED PROFESSIONAL ENGINEER
REV. | DATE | DESCRIPTION | BY
3 | 5/5/11 | CHANGE ORDER #2 | FGM
4 | 8/27/11 | CHANGE ORDER #3 | ECF
5 | 5/19/11 | MARKING REVISIONS | FGM
6 | 5/24/11 | MILLION AIR DITCH REVISIONS | FGM
TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS
RUNWAY IMPROVEMENTS
STAGE VII - MILLION AIR DITCH DRAINAGE PLAN
JOB NO.: 10081100
DATE: APR. 2011
DESIGNED BY: MRM
DRAWN BY: JAH
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1 2 3 4 5
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
SHEET NUMBER
D-702



EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Billy Mcallard

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

5/24/11

STATE OF TEXAS
FRANK O. MCILWAIN
55225
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY
3	5/5/11	CHANGE ORDER #2	FOM
4	5/27/11	CHANGE ORDER #3	EDF
5	5/13/11	MARKING REVISIONS	FOM
6	5/24/11	MILLION AIR DITCH REVISIONS	FOM

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

MILLION AIR DITCH CROSS SECTIONS

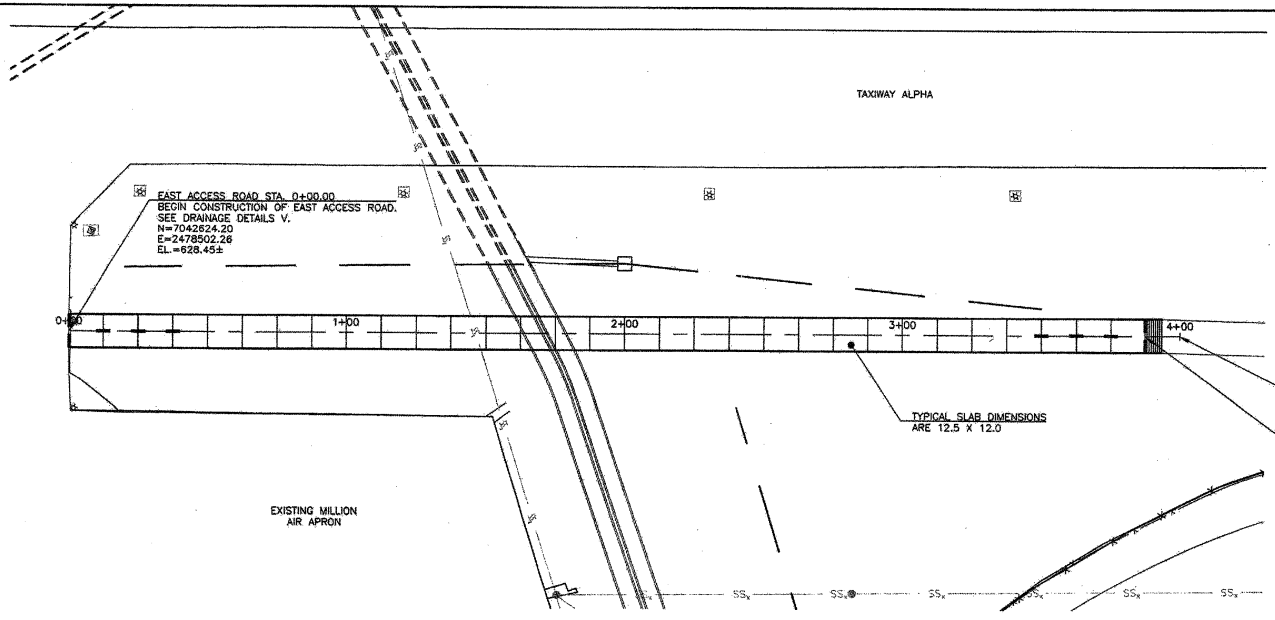
JOB NO.: 10081100
DATE: APR. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

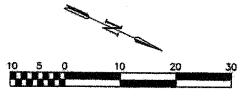
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER

MDX1

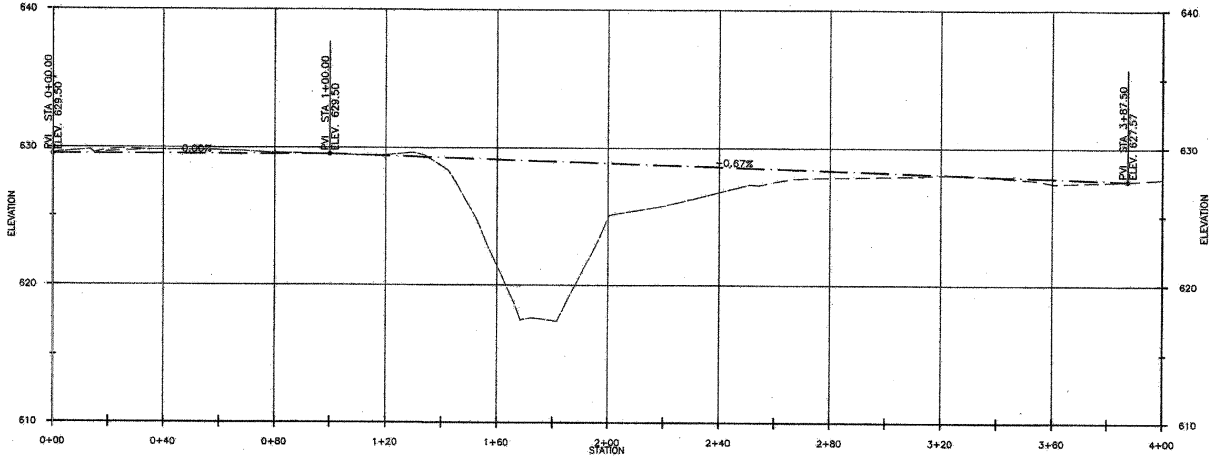
File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_MDX1-MDX2.dwg Last Saved: 5/24/2011 4:38 PM Last Saved By: Mimcsmally
Layout: MDX1 Mimcsmally, Michael, R Plot Date: Cover Sheet Date: 5/24/2011 4:38 PM Plotter name: \\Garver01\LP_IR_C3-165 PS3 East Tech Area
Plot Scale: 1:2 Plot Date: 5/24/2011





PAVEMENT JOINT LEGEND

- TYPE "A" – THICKENED EDGE
- TYPE "C" – DOWELED CONTRACTION JOINT
- TYPE "D" – DUMMY CONTRACTION JOINT



EAST ACCESS ROAD PROFILE

EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: _____

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS
FRANK D. MOLLWAIN
83229
LICENSED
PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

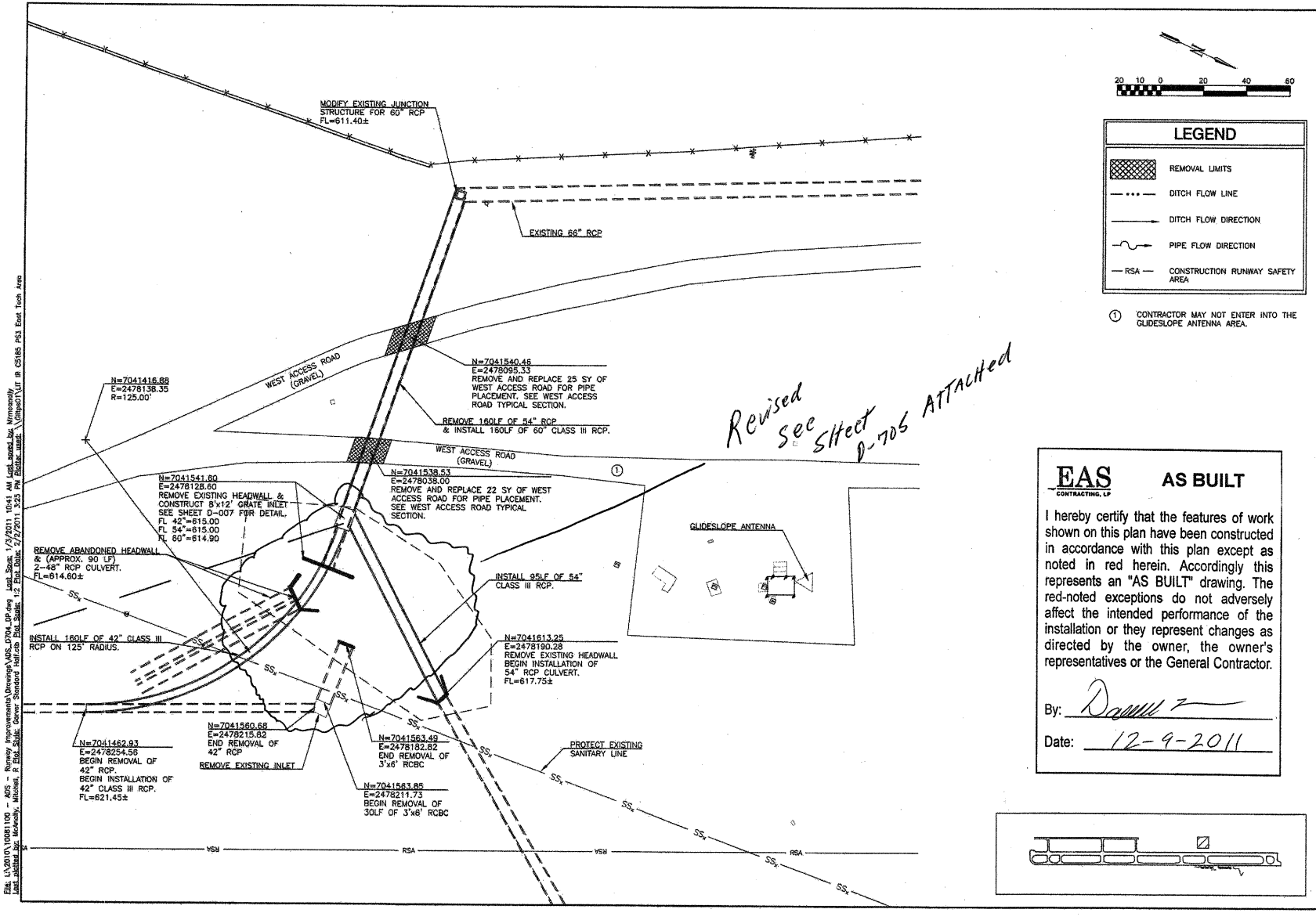
STAGE VII – EAST ACCESS ROAD JOINT PLAN & PROFILE

JOB NO.: 10081100
DATE: FEB. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER
D-703

Dgn: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D703_JP.dwg Last Saved: 1/26/2011 9:45 AM Last saved by: Mrmccandy
Last plotted by: Mccandy, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:24 PM Plotter name: \\Dallas01\UT IR E5185 P53 East Tech Area



20 10 0 20 40 60

LEGEND

- REMOVAL LIMITS
- DITCH FLOW LINE
- DITCH FLOW DIRECTION
- PIPE FLOW DIRECTION
- RSA — CONSTRUCTION RUNWAY SAFETY AREA

① CONTRACTOR MAY NOT ENTER INTO THE GLIDESLOPE ANTENNA AREA.

EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Daniel

Date: 12-9-2011

GARVER

REGISTRATION NO. F-5713

STATE OF TEXAS FRANK O. MOLLWAH 93229 LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

STAGE VII - WEST SIDE HOLE DRAINAGE PLAN

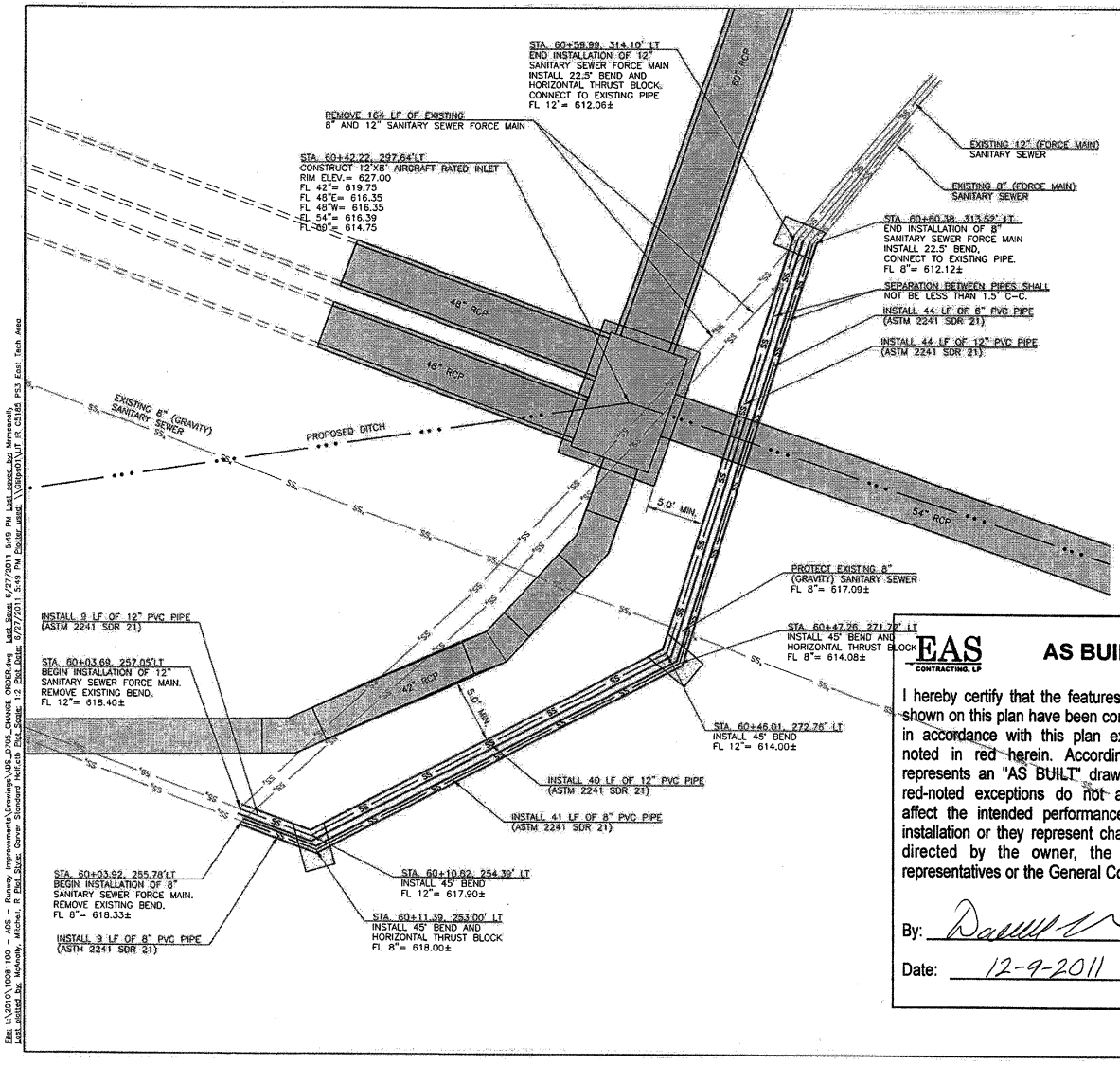
JOB NO.: 10081100
DATE: FEB, 2011
DESIGNED BY: MRM
DRAWN BY: JAH

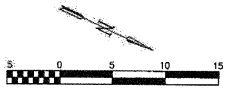
BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER

D-704

File: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D704_DP.dwg Last Saved: 1/3/2011 10:41 AM Last saved by: Mrmcconally
Last Plotted by: McAnally, Mitchell, R Plot Style: Garver Standard Half.ctb Plot Scale: 1:2 Plot Date: 2/2/2011 3:23 PM Plotter used: \\Ghpsd1\LIT IR C5185 PS3 East Tech Area





GENERAL NOTES:

1. FOR HORIZONTAL THRUST BLOCK DETAIL SEE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT STANDARD CONSTRUCTION DETAILS WATER SD-W04 TO SD-W06.
2. CONSTRUCTION OF THE SANITARY SEWER RELOCATION SHALL FOLLOW ALL GUIDELINES SET BY TCEQ AND THE TOWN OF ADDISON.
3. CLASS B BEDDING SHALL BE USED FOR PVC WASTEWATER PIPE EMBEDMENT. SEE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT STANDARD CONSTRUCTION DETAIL WASTEWATER SD-WW01.
4. SANITARY SEWER FORCE MAIN PVC PIPE SHALL MEET ASTM 2241 SDR 21 REQUIREMENTS AND BE WHITE IN COLOR.0
5. SANITARY SEWER FORCE MAIN SHALL BE TESTED IN ACCORDANCE WITH NCTCOG SPECIFICATION ITEM 506.5 "HYDROSTATIC TEST".

THRUST BLOCK GENERAL NOTES:

1. CONCRETE FOR THE THRUST BLOCK SHALL BE PAID FOR WITH PAY ITEM P-610-5.1 "CONCRETE ENCASEMENT".
2. POUR CONCRETE FOR BLOCK AGAINST UNDISTURBED EARTH.
3. DIMENSIONS MAY BE VARIED AS REQUIRED BY FIELD CONDITIONS WHERE AND AS DIRECTED BY THE ENGINEER. THE VOLUME OF CONCRETE SHALL NOT BE LESS THAN SHOWN HERE.
4. USE POLYETHYLENE WRAP OR EQUAL BETWEEN CONCRETE AND BEND TO PREVENT THE CONCRETE FROM STICKING TO IT. THE WRAP WILL BE CONSIDERED SUBSIDIARY TO THE CONCRETE.
5. CONCRETE SHALL NOT EXTEND BEYOND PIPE JOINTS.

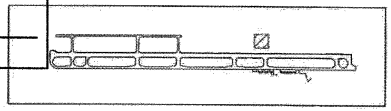
EAS CONTRACTING, LP

AS BUILT

I hereby certify that the features of work shown on this plan have been constructed in accordance with this plan except as noted in red herein. Accordingly this represents an "AS BUILT" drawing. The red-noted exceptions do not adversely affect the intended performance of the installation or they represent changes as directed by the owner, the owner's representatives or the General Contractor.

By: Darrell

Date: 12-9-2011



GARVER

REGISTRATION NO. F-5713

6/27/11

STATE OF TEXAS
FRANK G. MOLLWAIN
93229
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION	BY
4	6/16/11	CHANGE ORDER #3	EGF
5	5/19/11	MARKING REVISIONS	FDM
6	5/24/11	MILLION AIR DITCH REVISIONS	FDM
7	5/27/11	SANITARY SEWER FORCE MAIN	FDM

TOWN OF ADDISON
ADDISON AIRPORT
ADDISON, TEXAS

RUNWAY IMPROVEMENTS

STAGE VII - WEST SIDE HOLE SANITARY SEWER RELOCATION

JOB NO.: 10081100
DATE: APR. 2011
DESIGNED BY: MRM
DRAWN BY: JAH

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SHEET NUMBER

D-705

Dgn: L:\2010\10081100 - ADS - Runway Improvements\Drawings\ADS_D705_CHANGE ORDER.dwg Last Saved: 6/27/2011 5:49 PM Last Updated By: Mmccorch
Last Updated By: Mmccorch, Mmccorch Plot Date: 6/27/2011 5:49 PM Plotted Date: 12 Plot Scale: 1:2 Plot Scale: 6/27/2011 5:49 PM Plotted Date: \\Garver\\UT FL 63183 P53 East Tech Area