
PANGUITCH CITY COUNCIL

AGENDA

PANGUITCH CITY OFFICE
25 S 200 E CONFERENCE ROOM
PANGUITCH, UTAH 84759
MAY 25, 2021 6:30 PM

- OPENING CEREMONY
- ADOPTION OF THE AGENDA
- APPROVAL OF MINUTES
- HITCH N POST – SIGNAGE
- HITCH N POST - EXPANSION
- 6:45 PUBLIC HEARING 2021-2022 APPROVED BUDGET
- 2021-2022 BUDGET APPROVAL
- ASPEN VALLEY SUBDIVISION PHASE 2
- ASPEN VALLEY SUBDIVISION LEDGES PHASE 1
- ENTRADA FARMS CONDITIONAL USE PERMIT
- INDUSTRIAL LOT
- AMERICAN RESCUE PLAN GRANT
- TRUCK PURCHASE
- CONDITIONAL USE PERMIT – CHICKENS FOR MICHELLE ZUBIA
- VACATION RENTAL INSPECTIONS AND FEES
- LAPTOPS
- DEPARTMENT REPORTS/CALENDAR
- EXECUTIVE SESSION
- ADJOURNMENT

REASONABLE ACCOMMODATION: The City of Panguitch will make efforts to provide reasonable accommodations to disabled members of the public in accessing City programs.

Please contact Lori Talbot at Panguitch City office at least 24 hours in advance if you have special needs.

Anyone who wishes to offer a prayer or thought in the opening ceremony at City Council is welcome to do so by calling City Manager Lori Talbot at 435-676-8585 to schedule an appointment. Participation may be telephonic or electronic.

Items may not be covered in order listed. Panguitch City is an equal opportunity employer.



PO Box 431 Panguitch, UT 84759 435-676-8585 Fax 435-676-2758 panguitchcity@gmail.com

PANGUITCH CITY PROJECT APPROVAL

Name & address of property owner: JOHN HENRIE 2680W 15090S.
BLUFFDALE, UT 84065

Phone Number: 801-979-5551

Project address: 420 N MAIN

Proposed project: NEW SIGN @ ~~PERMITTING~~ ~~DEVELOPMENT~~

CONNECTION AND IMPACT FEES

- ☐ \$1250 ¾ Inch, \$1500 1 inch, or \$2000 2 inch Water Connection Fee
(Circle fee that applies)
- ☐ \$1000 Water Impact Fee
- ☐ \$2000 Sewer Connection Fee
- ☐ \$1000 Sewer Impact Fee
- ☐ \$100 Meter Setting Fee

FEE TOTAL \$ _____

CULINARY WATER

- ☐ We have available culinary water for this project.
- ☒ This project does not require culinary water.

WASTEWATER

- ☐ We have the capacity on our wastewater system to serve this project.
- ☒ This project does not require connection to our wastewater system.

ELECTRICAL

- ☒ This project requires electricity.
- ☐ This project does not require electricity.

OWNER BUILDER

- ☒ This project requires and owner builder form.
- ☐ This project does not require an owner builder form.

PERMIT

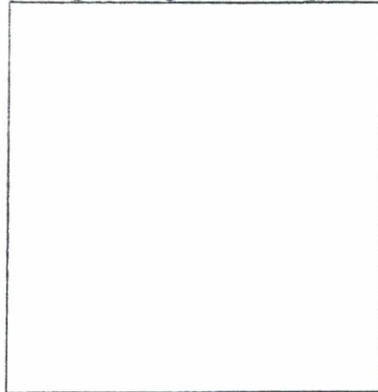
- ☒ This project requires a permit for the project listed above.
- ☐ This project does not require a permit from the county

****Front, side and rear yard set backs are required per Panguitch City zoning ordinance. The owner of said property or his authorized agent shall be responsible to see that these requirements are met, and that no construction takes place in these areas.**

Zoning district _____ set back requirements: Front Rear Sides

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Please draw a simple diagram of requested project.



****Street/front of property****

*All structures built within Panguitch City limits shall meet the minimum set back requirements including non-permitted projects. Further ordinance information (including the fence ordinance) available upon request. If you have any questions please call the city office at 676-8585. Thank you.

Approval - given this _____ day of _____, _____

By: _____

Title: _____

Attest: _____

Title: _____

****This must be taken to the Garfield County Building Department for permit.****

Applicant - I understand the zoning requirements.

Signature : _____

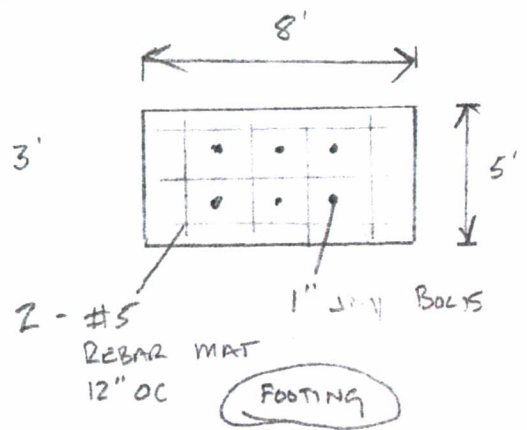
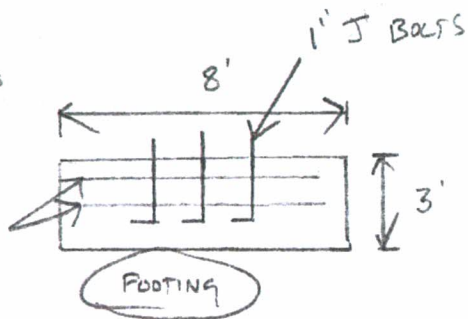
Date: 4-19-20

Comments: _____

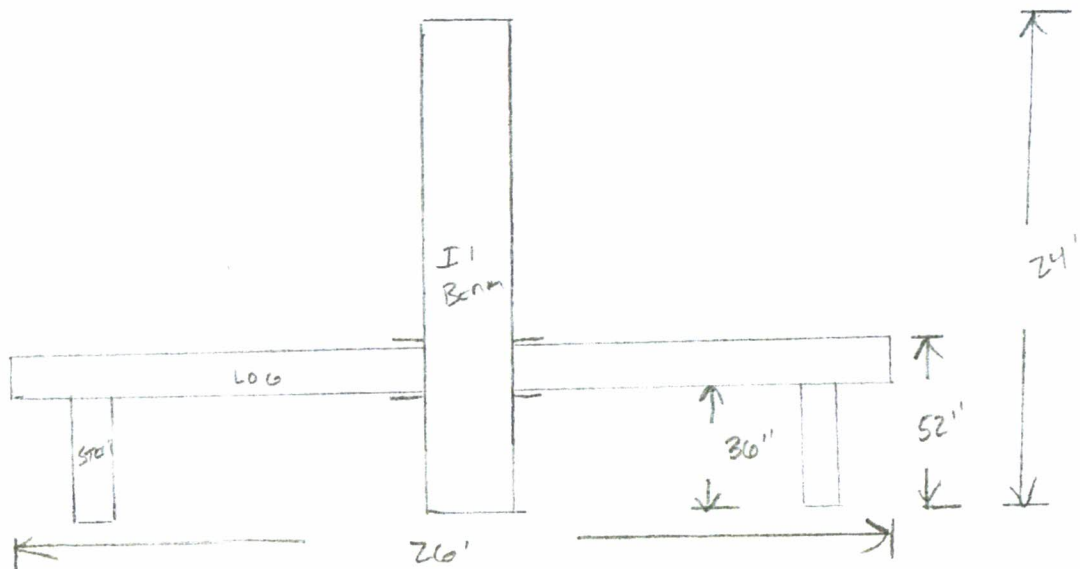
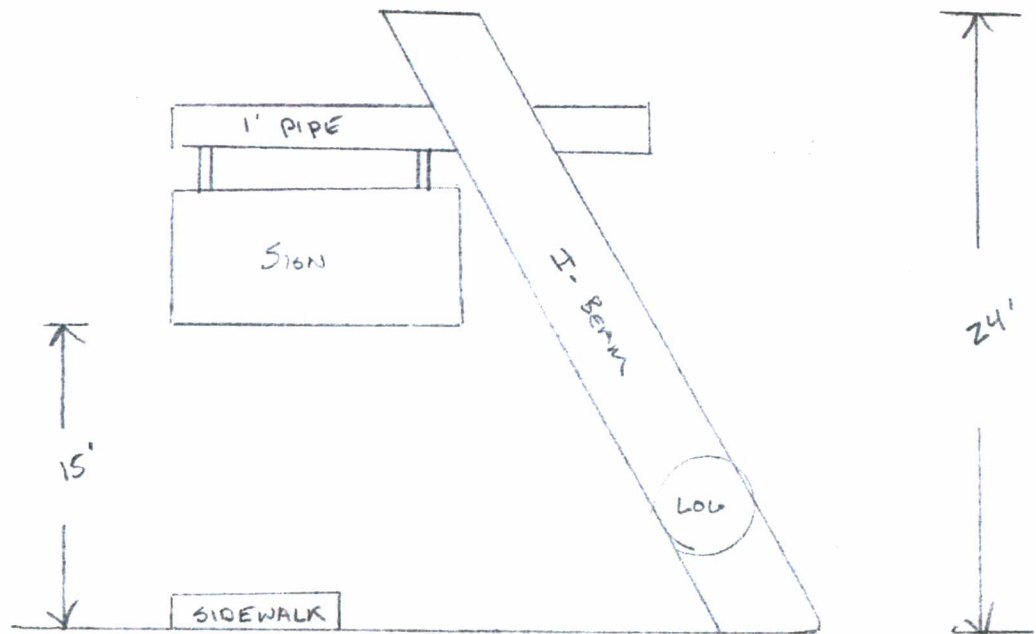
1 CUBIC T-T CONCRETE = 150 LBS

$$5' \times 8' \times 3' = 120 \times 150 = 18,000 \text{ LBS}$$

#5
REBAR
MAT



SIGN WEIGHT 3735 LBS





PO Box 75 Panguitch, UT 84759 435-676-8585 Fax 435-676-2758 panguitcity@gmail.com

PANGUITCH CITY PROJECT APPROVAL

Name & address of property owner: JOHN HENRIE 2480 W 15090 S.
Bluffdale 84005

Phone Number: 801 979 5551

Project address: 420 N Main, Panguitch

Proposed project: RV site addition to existing Hitch-N-Post

CONNECTION AND IMPACT FEES

- ☐ \$1250 ¾ Inch, \$1500 1 inch, or \$2000 2 inch Water Connection Fee
(Circle fee that applies)
- ☐ \$1000 Water Impact Fee
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- ☐ \$100 Meter Setting Fee

FEE TOTAL \$ _____

CULINARY WATER

- ☐ We have available culinary water for this project.
- ☐ This project does not require culinary water.

WASTEWATER

- ☐ We have the capacity on our wastewater system to serve this project.
- ☐ This project does not require connection to our wastewater system.

ELECTRICAL

- ☒ This project requires electricity.
- ☐ This project does not require electricity.

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Zoning district _____ set back requirements:

Front	Rear	Sides

Please draw a simple diagram of requested project.



****Street/front of property****

*All structures built within Panguitch City limits shall meet the minimum set back requirements including non-permitted projects. Further ordinance information (including the fence ordinance) available upon request. If you have any questions please call the city office at 676-8585. Thank you.

Approval - given this _____ day of _____,

By: _____

Title: _____

Attest: _____

Title: _____

*****This must be taken to the Garfield County Building Department for permit.*****

Applicant - I understand the zoning requirements.

Signature : _____

Date: 5-14-21

Comments: _____

JOHN HENRIE
RV PARK PROJECT

PERMITTING

2011

JOHN HENRIE

John Henrie..... President

ENGINEERING CONSULTANTS (SEI)

Sunrise Engineering

Trent Brown..... Project Manager

Mario Gonzalez, P.E. Project Engineer

DRAFT



635 NORTH MAIN STREET, SUITE 691
RICHFIELD, UTAH 84701
TEL 435.896.8857
sunrise-eng.com

CONSTRUCTION NOTES

1. ALL LINES SHALL BE INSTALLED AT THE LOCATIONS AND DEPTHS REQUIRED BY THE CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS OR AS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND UTILITIES INFORMATION PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND UTILITIES INFORMATION PRIOR TO THE BEGINNING OF CONSTRUCTION.
2. ALL CONSTRUCTION WORK SHALL BE PERFORMED WITHIN EXISTING RIGHTS-OF-WAY OR RIGHTS-OF-WAY OBTAINED BY THE OWNER FOR CONSTRUCTION PURPOSES.
3. ALL PIPES SHALL BE PLACED WITH A MINIMUM OF 4' 0" COVER OVER THE TOP OF THE PIPES.
4. THE INSTALLATION OF VARIABLE SIZED OPENINGS IN FLEES, FLOORS, CROSSWALLS, ETC. WHERE APPLICABLE IS AN ACCEPTABLE ALTERNATIVE TO THE USE OF REDUCERS. THE INSTALLATION OF TWO FEET IS AN ACCEPTABLE ALTERNATIVE TO THE USE OF A CROSS.
5. AN EFFORT HAS BEEN MADE TO SHOW THE EXISTING SYSTEM AND THE PROPOSED IMPROVEMENTS AS ACCURATELY AS POSSIBLE. ALL PIPELINE LOCATIONS AND SIZES ARE SHOWN ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER. HOWEVER, THE ACTUAL FIELD CONDITIONS MAY VARY FROM THE INFORMATION PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL FIELD CONDITIONS. THE ADDITION OR ELIMINATION OF WORK SHALL BE DIRECTED BY THE OWNER.
6. ALL ITEMS RESULTING FROM WORK ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR SHALL MAKE APPROPRIATE ARRANGEMENTS FOR DISPOSAL OF ALL MATERIALS THAT MAY BE LAWFULLY DISPOSED. NO CONSTRUCTION DEBRIS WILL BE HURDLED IN THE PIPELINE TRENCH.
7. THE CONTRACTOR SHALL MAKE ALL CONNECTIONS TO EXISTING LINES WHERE SHOWN ON THE PLANS AND AS NEEDED TO OBTAIN A FULLY FUNCTIONAL SYSTEM.
8. ANY CANAL OR DITCH CROSSINGS NOT SPECIFICALLY CALLED OUT ON THE PLANS ARE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE PIPELINE AND SHALL NOT BE PAID FOR SEPARATELY.
9. UTILITIES REQUIRED FOR NEW DEPTH OR CONNECTIONS, SPECIAL AMARRONMENT, OR AT OTHER PROJECT LOCATIONS BEYOND THOSE SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. ALL UNDERGROUND FITTINGS SHALL BE DUCTILE IRON AND SHALL MEET THE REQUIREMENTS OF NSF 61 AND ANSI/APWA C 104.
11. THE CONTRACTOR SHALL PROVIDE MEANS OF MANAGING ANY STORM WATER, GROUNDWATER, OR NUISANCE WATER FROM INTERFERING WITH THE CONSTRUCTION OPERATION. THE COST OF CONTROLLING ALL WATER SHALL BE INCLUDED IN THE CONTRACT PRICE FOR RELATED BID ITEMS.
12. THE CONTRACTOR SHALL INCLUDE THE COST FOR ALL EXCAVATION, AND DISPOSAL OF EXCESS AND UNSUBSTANTIAL MATERIAL IN THE CONTRACT UNIT PRICE FOR THE RELATED BID ITEM.
13. ALL OTHER COSTS ASSOCIATED WITH THE PROJECT SHALL BE INCLUDED IN THE PRICES INDICATED IN THE BID SCHEDULE FOR THE VARIOUS APPROPRIATE ITEMS OF WORK.
14. ALL CONNECTIONS TO EXISTING LINES NOT SPECIFICALLY CALLED OUT ON THE PLANS ARE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE PIPELINE AND SHALL NOT BE PAID FOR SEPARATELY.
15. ALL DAMAGE TO EXISTING ROADWAYS OTHER THAN THAT REPAIRED AS PART OF THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPAIRED AT THE CONTRACTORS EXPENSE.
16. THE CONTRACTOR SHALL CAP ABANDONED PIPELINES AS CLOSE AS POSSIBLE TO THE MAIN PIPELINE TO BE LEFT IN SERVICE.
17. ALL FENCING DISTURBED DURING THE PROJECT SHALL BE REPAIRED TO MATCH FENCING PRIOR TO CONSTRUCTION. THIS REPAIR SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.



SUNRISE
ENGINEERING

15 YEARS OF EXPERIENCE
15 YEARS OF SERVICE
15 YEARS OF SERVICE
15 YEARS OF SERVICE

JOHN HENRI

JOHN HENRI
RY PARK PROJECT
2021

CONSTRUCTION NOTES

REV NO.	DATE	DESCRIPTION	DATE	BY
1	01/01/21	ISSUED FOR CONSTRUCTION	01/01/21	JOHN HENRI

REV NO.	DATE	DESCRIPTION	DATE	BY
1	01/01/21	ISSUED FOR CONSTRUCTION	01/01/21	JOHN HENRI



- CONSTRUCTION NOTES**
- 1 RELOCATE FIRE HYDRANT
 - 2 REMOVE UTILITY POLE
 - 3 ABANDON OVERHEAD UTILITY LINE
 - 4 RELOCATE GUY WIRE
 - 5 RELOCATE IRRIGATION RISER



811
Keep streets below
Call before you dig
1-800-486-2411

HITCH N POST
CAMPGROUND



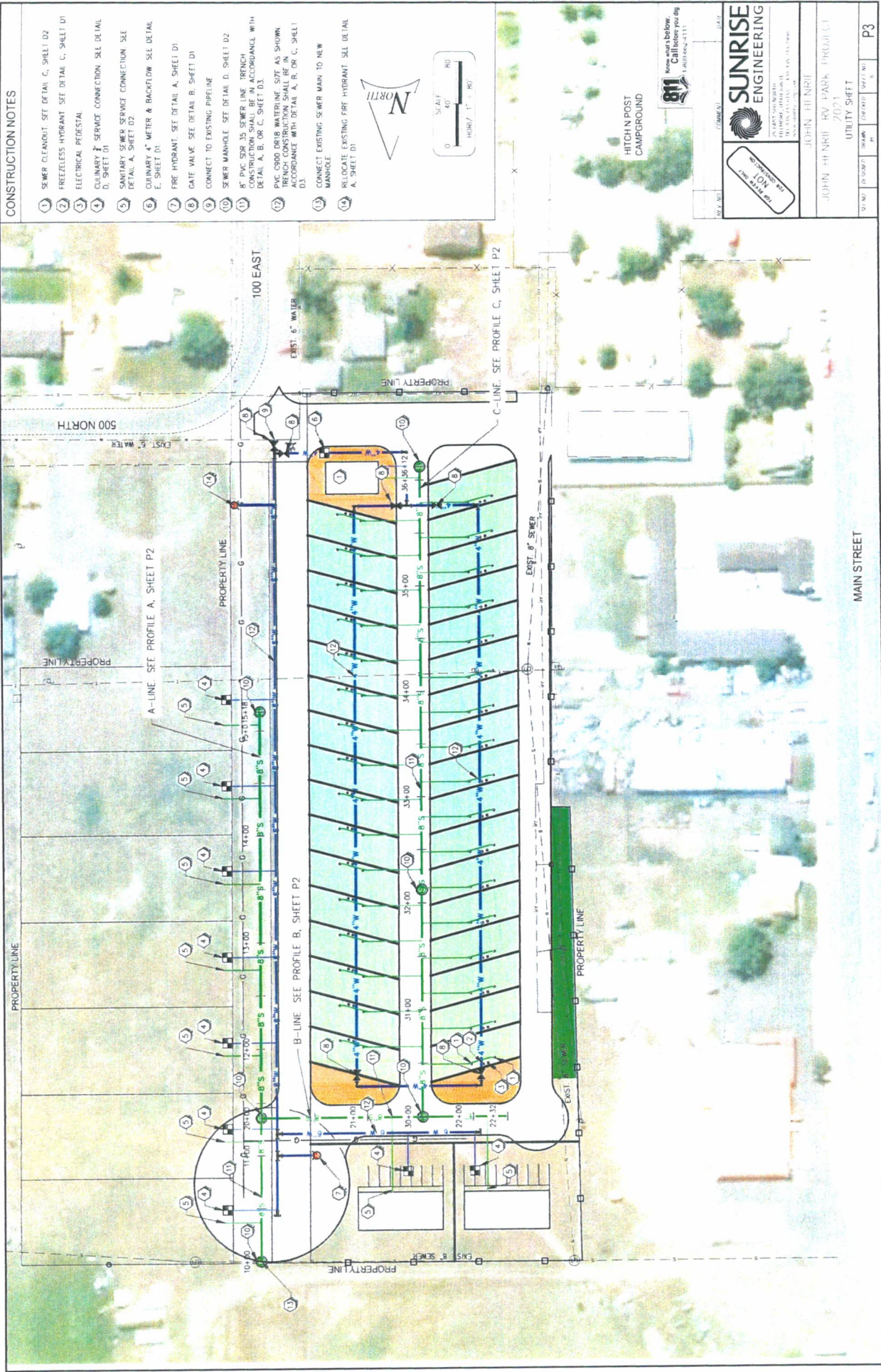
JANIS K. HARRIS, P.E.
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS, LICENSE NO. 14511

JOHN H. NEIL
PROJECT MANAGER

JOHN H. NEIL, P.E.
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS, LICENSE NO. 14511

DEMOLITION SHEET
2021

DATE	10/11/21
SCALE	AS SHOWN
SHEET NO.	1
TOTAL SHEETS	1
PROJECT NO.	P1



CONSTRUCTION NOTES

- 1 SEWER CLEANSUIT SEE DETAIL C, SHEET D2
- 2 FREEZELESS HYDRANT SEE DETAIL C, SHEET D1
- 3 ELECTRICAL PEDESTAL
- 4 CULINARY SERVICE CONNECTION SEE DETAIL A, SHEET D1
- 5 SANITARY SEWER SERVICE CONNECTION SEE DETAIL A, SHEET D2
- 6 CULINARY 4" METER & BACKFLOW SEE DETAIL E, SHEET D1
- 7 FIRE HYDRANT SEE DETAIL A, SHEET D1
- 8 GATE VALVE SEE DETAIL B, SHEET D1
- 9 CONNECT TO EXISTING PIPELINE
- 10 SEWER MANHOLE SEE DETAIL D, SHEET D2
- 11 8" PVC SDR 35 SEWER LINE TRENCH CONSTRUCTION SHALL BE IN ACCORDANCE WITH DETAIL A, B, OR C, SHEET D3
- 12 PVC 6000 DRIB WATERLINE SIZE AS SHOWN TRENCH CONSTRUCTION SHALL BE IN ACCORDANCE WITH DETAIL A, B, OR C, SHEET D3
- 13 CONNECT EXISTING SEWER MAIN TO NEW MANHOLE
- 14 RELOCATE EXISTING FIRE HYDRANT SEE DETAIL A, SHEET D1

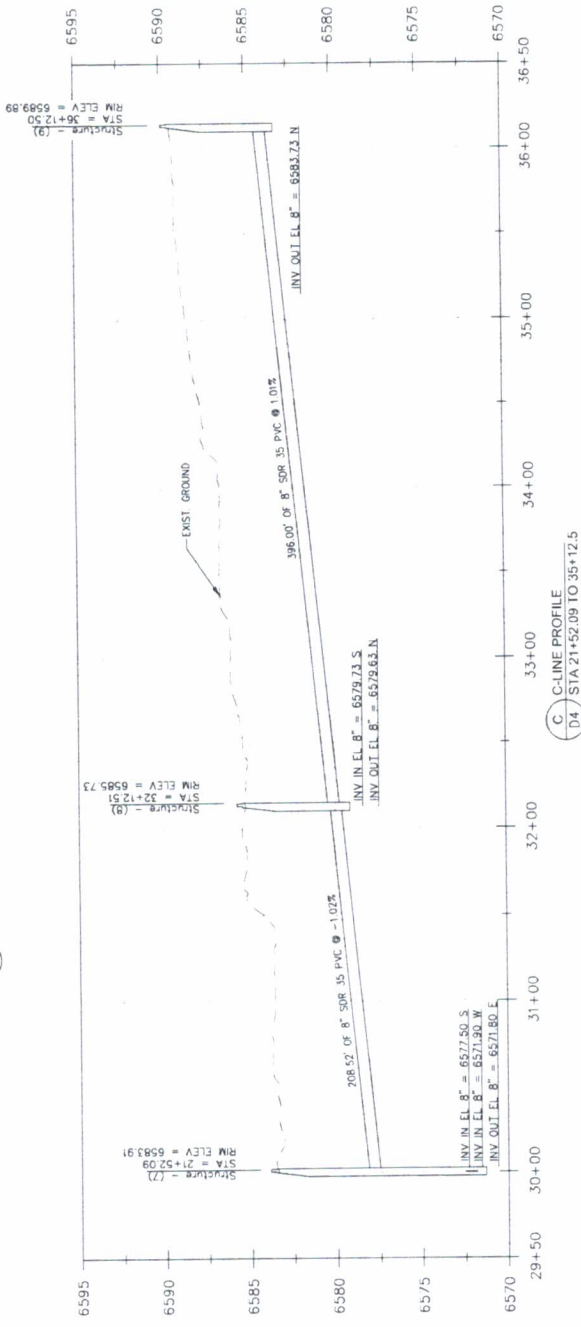
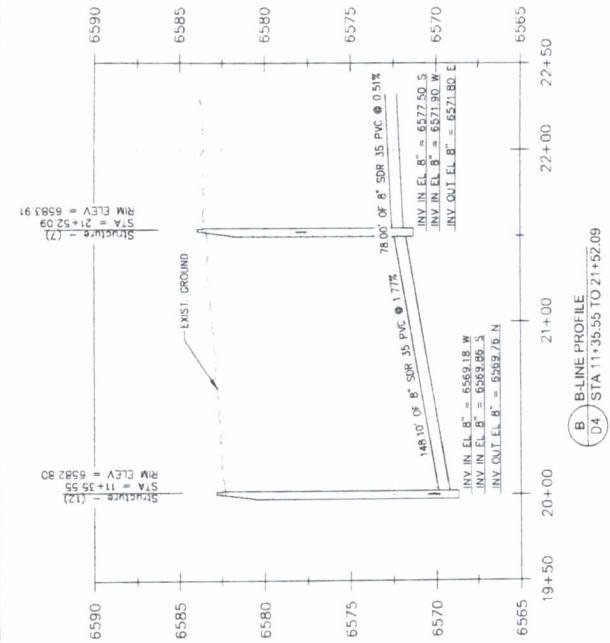
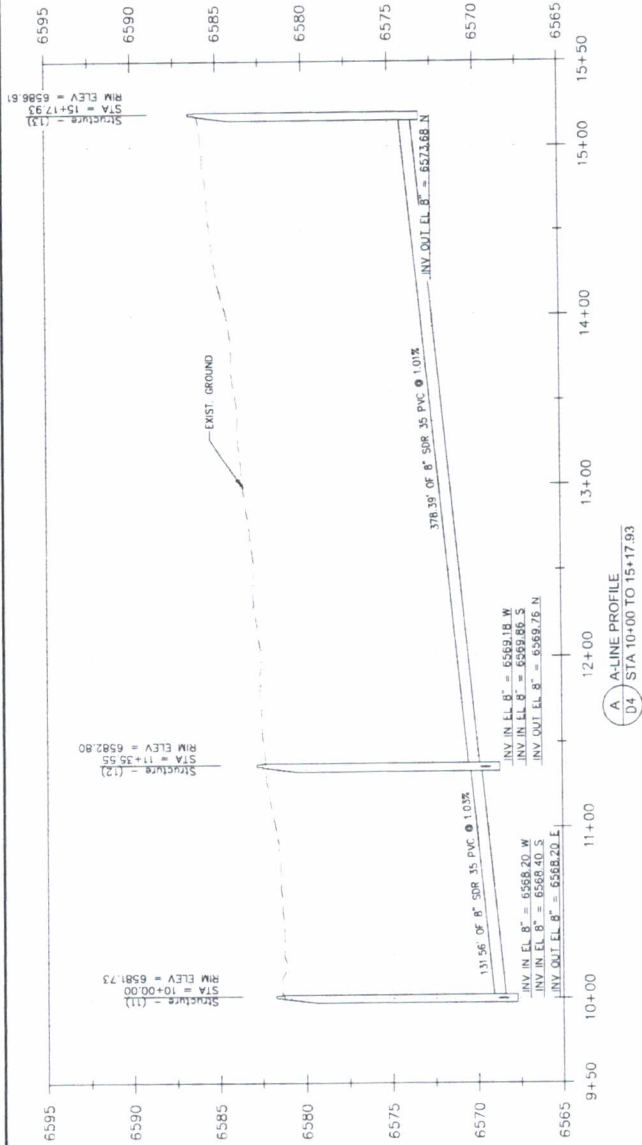


JOHN HENRIE
2021
RV PARK PROJECT

UTILITY SHEET

MAIN STREET

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



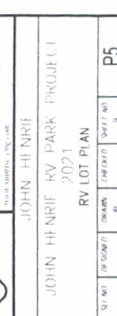
SUNRISE
 ENGINEERING

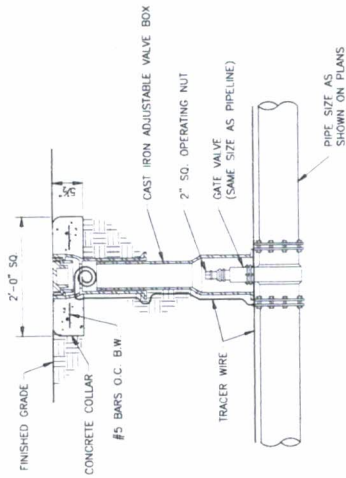
14000 1/2" x 11" x 1/4" (11)

JOHN H. NRIE
 2021

JOHN H. NRIE
 2021

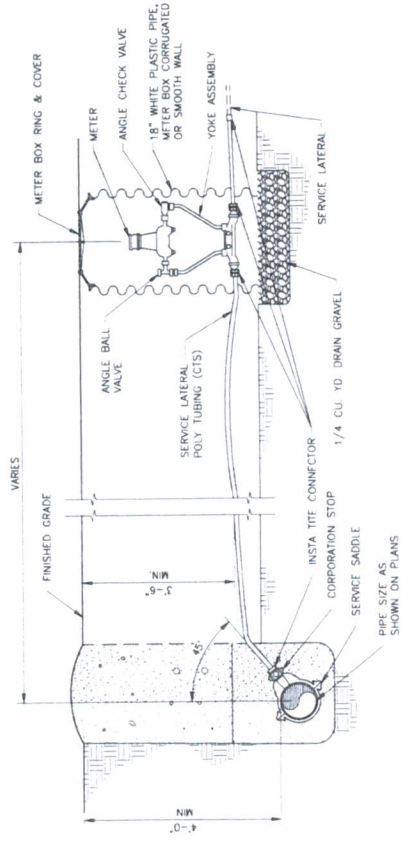
PROFILE SHEET
 P4





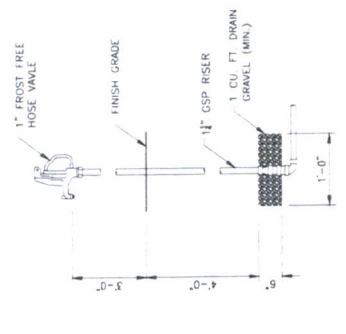
- NOTE:
1. FIRE HYDRANT BREAKAWAY FLANGE SHALL BE NO GREATER THAN 5" ABOVE FINISHED GRADE OR 1" BELOW FINISHED GRADE
 2. PUMP NOZZLE SHALL BE RESTRAINED TO DRAWING DZ AND SHALL BE TIED TO VALVE BOX WITH TRACER WIRE
 3. EXTENSIONS AS NECESSARY, FOR NORMAL OPERATION OF VALVE KEY
 4. TRACER WIRE SHALL BE BROUGHT INTO THE VALVE BOX THROUGH HOLE AT BELL END 12" OF TRACER WIRE INSIDE VALVE BOX BELL SECTION

A DETAIL - FIRE HYDRANT ASSEMBLY
TYP NTS



- NOTE:
1. ALL SERVICE LATERALS THAT ARE REPLACED ON THE OPPOSITE SIDE OF THE ROAD FROM THE NEW MAIN SHALL BE REPLACED ON THE OPPOSITE SIDE OF THE ROAD FROM THE NEW MAIN
 2. ALL NEW SERVICE CONNECTIONS SHALL INCLUDE DUAL CHECK VALVE SETTER ASSEMBLIES
 3. INSTA TITE CONNECTIONS TO EXISTING SERVICE LATERAL TUBING MAY REQUIRE ADAPTERS

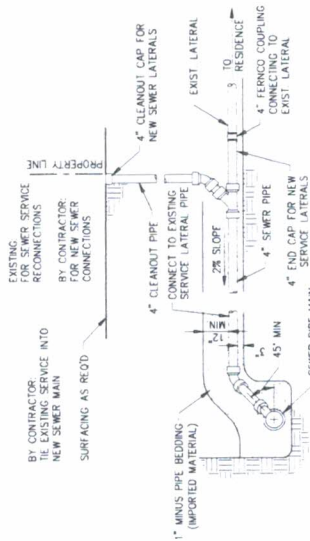
B DETAIL - TYPICAL GATE VALVE
TYP NTS



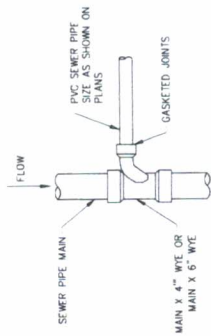
C DETAIL - FREEZELESS HYDRANT
TYP NTS



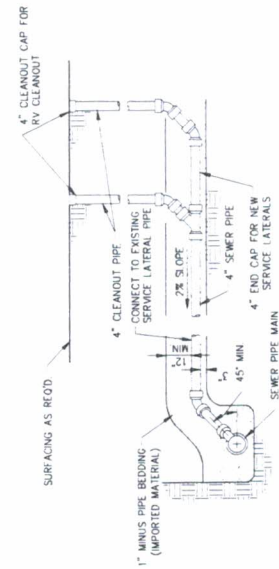
JOHN HENRIE		2021		DETAIL SHEET	
JOHN HENRIE		RV PARK PROJECT		D1	
DATE	BY	CHECKED	DATE	BY	DATE



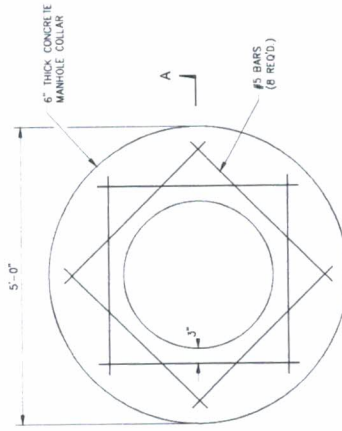
A DETAIL - SEWER SERVICE LATERAL
TYP NTS



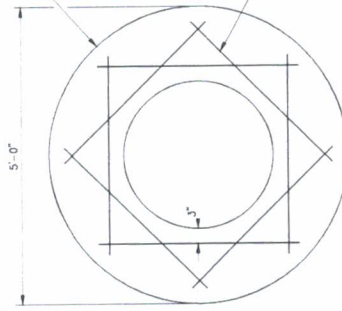
B DETAIL - SERVICE TO MAIN
TYP NTS



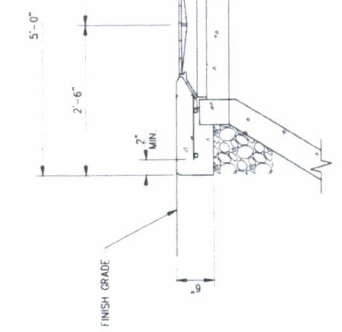
C DETAIL - SEWER SERVICE LATERAL
TYP NTS



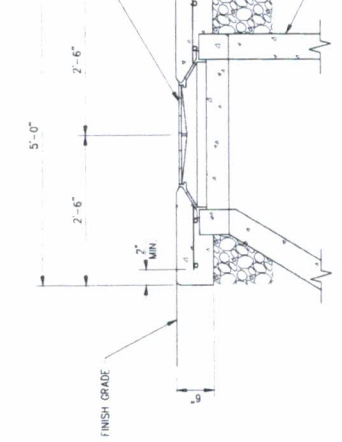
D SECTION - MANHOLE
TYP NTS



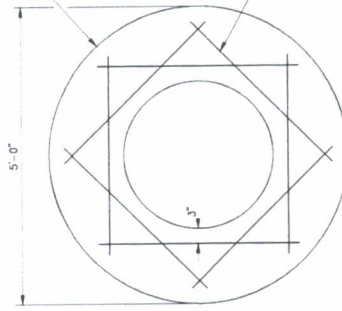
E DETAIL - RUBBER BOOT
TYP NTS



F DETAIL - CONCRETE COLLAR
TYP NTS

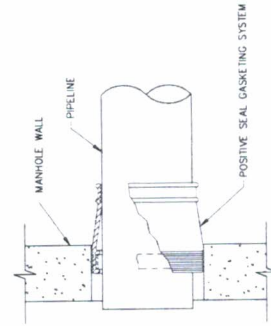


G DETAIL - SEWER SERVICE LATERAL
TYP NTS

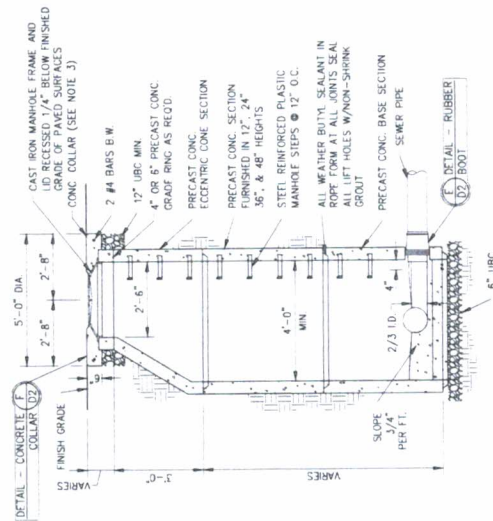


SECTION A-A

PLAN



I DETAIL - RUBBER BOOT
TYP NTS



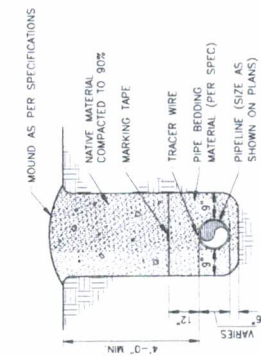
J SECTION - MANHOLE
TYP NTS



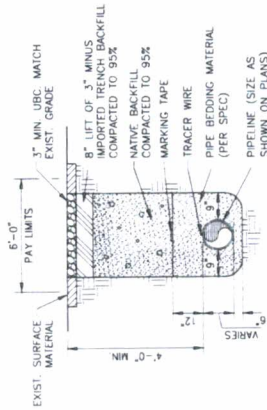
SUNRISE ENGINEERING
75 EAST OGDEN AVENUE
PUEBLO, COLORADO 81001
TEL: 719.244.4444 FAX: 719.244.4444
WWW.SUNRISE-ENG.COM

JOHN HENRI
2021
DETAIL SHEET

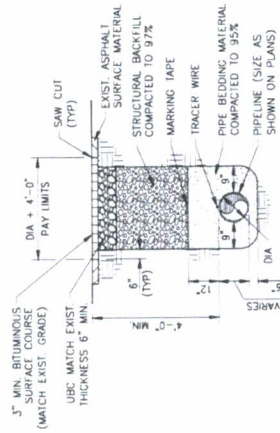
D2



NOTE:
TRENCH DETAIL OUTSIDE OF TRAVELED ROADWAY OR DESIGNATED
ROAD RIGHT-OF-WAY



NOTE:
TRENCH DETAIL INSIDE OF GRAVEL ROADWAYS OR DESIGNATED
ROAD RIGHT-OF-WAY.



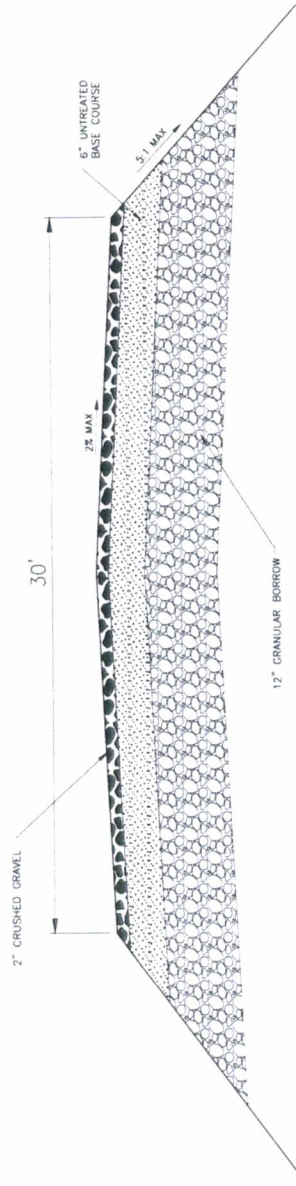
NOTES:

1. TRENCH DETAILS INSIDE OF ASPHALT ROADS.
2. ASPHALT ROADS SHALL BE SAW CUT.

A DETAIL - TYPICAL TRENCH

B DETAIL - UNPAVED ROADWAY TRENCH
TYP N'S

C DETAIL - CITY / COUNTY
TYP PAVED ROADWAY TRENCH



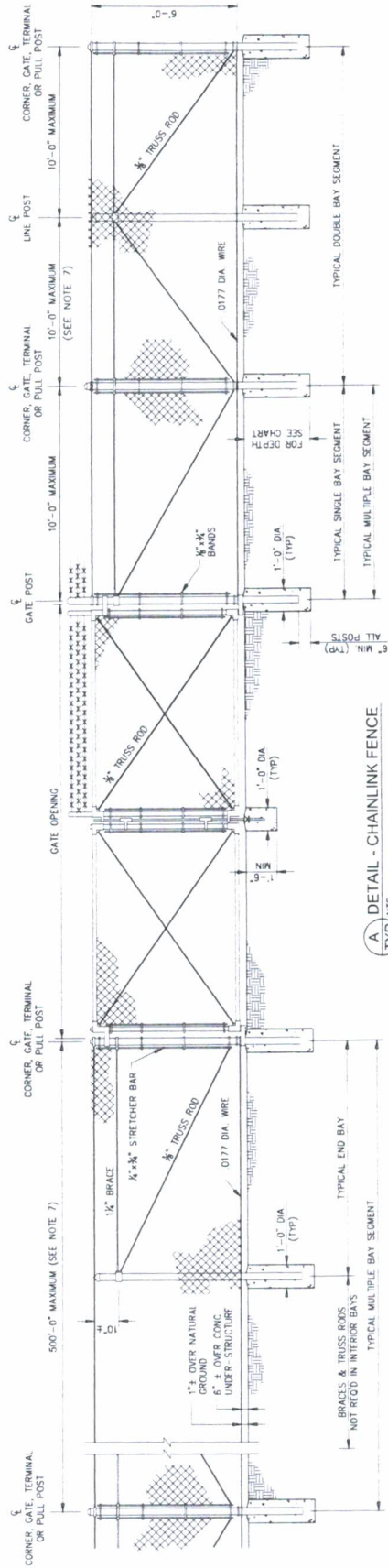
D DETAIL - TYPICAL SECTION
TYP GRAVEL ROADWAY
NTS



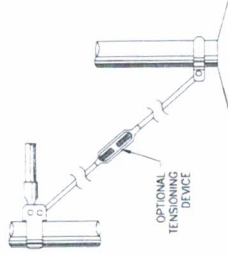
JOHN HENRIE
JOHN HENRIE RV PARK PROJECT
2021

DETAIL SHEET

NO	DE SIGN (1)	TR AININ	CHP CH D	SHEET NO	D3
		84		12	



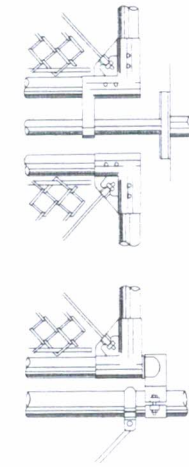
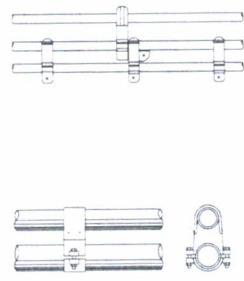
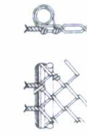
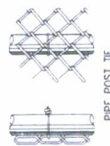
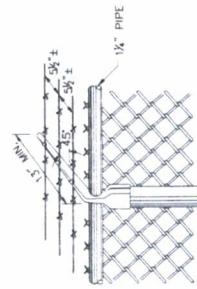
1. MATERIALS, CONSTRUCTION AND WORKSMANSHIP SHALL BE IN ACCORDANCE WITH THE WRITTEN SPECIFICATIONS.
2. ALL JOINTS SHALL BE TUBULAR RAIL.
3. BARBED WIRE SHALL BE USED. THE EXTENSION ARM SHALL EXTEND TO THE OUTSIDE OF FENCE.
4. TWO-STEP AND BARBED SERVICE, TOP AND BOTTOM, SHALL BE USED.
5. ALL FENCE SHALL BE IDENTIFIED BY THE NAME AND TYPE OF ASTM DESIGNATION.
6. A-1250 SCHEDULE 40, HOT DIPPED ZINC COATED STEEL PIPE.
7. OPTIONS EXERCISED SHALL BE UNIFORM THROUGHOUT THE PROJECT.
8. LINE POSTS SHALL BE LOCATED AT EQUAL SPACINGS FOR EACH SOLEMENT WITH MAXIMUM SPACING AS FOLLOWS: A) TANGENT SECTIONS TO 500 FEET RADIUS-NOT MORE THAN 10 FEET. B) CURVED SECTIONS TO 500 FEET RADIUS-NOT MORE THAN 10 FEET. C) UNDER 100 FEET RADIUS-NOT MORE THAN 6 FEET. D) UNDER 100 FEET RADIUS-NOT MORE THAN 5 FEET.
9. THE MINIMUM HEIGHT OF FABRIC ON FENCES AND GATES SHALL BE 8 FEET.
10. ALL CONCRETE SHALL HAVE A MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD.
11. ALL FENCE SHALL BE CONSTRUCTED WITH A MINIMUM OF 12" SPACING CABLE AT 24" HORIZONTAL INTERVALS.
12. ALL LINE POSTS AT 14" HORIZONTAL INTERVALS.



BRACE & TRUSS CONNECTIONS

GATES			
HEIGHT	GATE POSTS AND GATE FRAMES		
	GATE OPENING	GATE POST	GATE FRAME
UNDER	SINGLE TO 6' OR DOUBLE TO 12'	2"	1"
6 FEET	SINGLE OVER 6' TO 8' OR DOUBLE OVER 12' TO 16'	2-1/2"	1-1/2"
	SINGLE OVER 8' TO 12' OR DOUBLE 16' TO 24'	3-1/2"	
6 FEET	SINGLE TO 6' OR DOUBLE TO 12'	2-1/2"	
OVER	SINGLE OVER 6' TO 13' OR DOUBLE OVER 12' TO 24'	3-1/2"	1-1/2"
AND OVER	SINGLE OVER 13' TO 18' OR DOUBLE OVER 24' TO 36'	5"	

GAGE OF FABRIC	HEIGHT OF FABRIC POSTS	DEPTH OF FABRIC POSTS	LENGTH OF END CORNER LINE	SIZE OF POSTS		GATE POST
				END CORNER & PULL PHOTON	LINE POSTS (MAX. SIZE) N. OPTION	
1/2"	3'	3'	10'	2"	1-1/8" x 5/8"	SEE GATE POST TABLE
3/4"	6'	9'	9' 8"	3-1/2"	1-1/8" x 5/8"	
1"	9'	12'	9' 8"	3-1/2"	1-1/8" x 5/8"	
1 1/4"	12'	15'	9' 8"	3-1/2"	1-1/8" x 5/8"	
1 1/2"	15'	18'	9' 8"	3-1/2"	1-1/8" x 5/8"	
1 3/4"	18'	21'	9' 8"	3-1/2"	1-1/8" x 5/8"	
2"	21'	24'	9' 8"	3-1/2"	1-1/8" x 5/8"	
2 1/4"	24'	27'	9' 8"	3-1/2"	1-1/8" x 5/8"	
2 1/2"	27'	30'	9' 8"	3-1/2"	1-1/8" x 5/8"	
2 3/4"	30'	33'	9' 8"	3-1/2"	1-1/8" x 5/8"	
3"	33'	36'	9' 8"	3-1/2"	1-1/8" x 5/8"	
3 1/4"	36'	39'	9' 8"	3-1/2"	1-1/8" x 5/8"	
3 1/2"	39'	42'	9' 8"	3-1/2"	1-1/8" x 5/8"	
3 3/4"	42'	45'	9' 8"	3-1/2"	1-1/8" x 5/8"	
4"	45'	48'	9' 8"	3-1/2"	1-1/8" x 5/8"	
4 1/4"	48'	51'	9' 8"	3-1/2"	1-1/8" x 5/8"	
4 1/2"	51'	54'	9' 8"	3-1/2"	1-1/8" x 5/8"	
4 3/4"	54'	57'	9' 8"	3-1/2"	1-1/8" x 5/8"	
5"	57'	60'	9' 8"	3-1/2"	1-1/8" x 5/8"	
5 1/4"	60'	63'	9' 8"	3-1/2"	1-1/8" x 5/8"	
5 1/2"	63'	66'	9' 8"	3-1/2"	1-1/8" x 5/8"	
5 3/4"	66'	69'	9' 8"	3-1/2"	1-1/8" x 5/8"	
6"	69'	72'	9' 8"	3-1/2"	1-1/8" x 5/8"	
6 1/4"	72'	75'	9' 8"	3-1/2"	1-1/8" x 5/8"	
6 1/2"	75'	78'	9' 8"	3-1/2"	1-1/8" x 5/8"	
6 3/4"	78'	81'	9' 8"	3-1/2"	1-1/8" x 5/8"	
7"	81'	84'	9' 8"	3-1/2"	1-1/8" x 5/8"	
7 1/4"	84'	87'	9' 8"	3-1/2"	1-1/8" x 5/8"	
7 1/2"	87'	90'	9' 8"	3-1/2"	1-1/8" x 5/8"	
7 3/4"	90'	93'	9' 8"	3-1/2"	1-1/8" x 5/8"	
8"	93'	96'	9' 8"	3-1/2"	1-1/8" x 5/8"	
8 1/4"	96'	99'	9' 8"	3-1/2"	1-1/8" x 5/8"	
8 1/2"	99'	102'	9' 8"	3-1/2"	1-1/8" x 5/8"	
8 3/4"	102'	105'	9' 8"	3-1/2"	1-1/8" x 5/8"	
9"	105'	108'	9' 8"	3-1/2"	1-1/8" x 5/8"	
9 1/4"	108'	111'	9' 8"	3-1/2"	1-1/8" x 5/8"	
9 1/2"	111'	114'	9' 8"	3-1/2"	1-1/8" x 5/8"	
9 3/4"	114'	117'	9' 8"	3-1/2"	1-1/8" x 5/8"	
10"	117'	120'	9' 8"	3-1/2"	1-1/8" x 5/8"	
10 1/4"	120'	123'	9' 8"	3-1/2"	1-1/8" x 5/8"	
10 1/2"	123'	126'	9' 8"	3-1/2"	1-1/8" x 5/8"	
10 3/4"	126'	129'	9' 8"	3-1/2"	1-1/8" x 5/8"	
11"	129'	132'	9' 8"	3-1/2"	1-1/8" x 5/8"	
11 1/4"	132'	135'	9' 8"	3-1/2"	1-1/8" x 5/8"	
11 1/2"	135'	138'	9' 8"	3-1/2"	1-1/8" x 5/8"	
11 3/4"	138'	141'	9' 8"	3-1/2"	1-1/8" x 5/8"	
12"	141'	144'	9' 8"	3-1/2"	1-1/8" x 5/8"	
12 1/4"	144'	147'	9' 8"	3-1/2"	1-1/8" x 5/8"	
12 1/2"	147'	150'	9' 8"	3-1/2"	1-1/8" x 5/8"	
12 3/4"	150'	153'	9' 8"	3-1/2"	1-1/8" x 5/8"	
13"	153'	156'	9' 8"	3-1/2"	1-1/8" x 5/8"	
13 1/4"	156'	159'	9' 8"	3-1/2"	1-1/8" x 5/8"	
13 1/2"	159'	162'	9' 8"	3-1/2"	1-1/8" x 5/8"	
13 3/4"	162'	165'	9' 8"	3-1/2"	1-1/8" x 5/8"	
14"	165'	168'	9' 8"	3-1/2"	1-1/8" x 5/8"	
14 1/4"	168'	171'	9' 8"	3-1/2"	1-1/8" x 5/8"	
14 1/2"	171'	174'	9' 8"	3-1/2"	1-1/8" x 5/8"	
14 3/4"	174'	177'	9' 8"	3-1/2"	1-1/8" x 5/8"	
15"	177'	180'	9' 8"	3-1/2"	1-1/8" x 5/8"	
15 1/4"	180'	183'	9' 8"	3-1/2"	1-1/8" x 5/8"	
15 1/2"	183'	186'	9' 8"	3-1/2"	1-1/8" x 5/8"	
15 3/4"	186'	189'	9' 8"	3-1/2"	1-1/8" x 5/8"	
16"	189'	192'	9' 8"	3-1/2"	1-1/8" x 5/8"	
16 1/4"	192'	195'	9' 8"	3-1/2"	1-1/8" x 5/8"	
16 1/2"	195'	198'	9' 8"	3-1/2"	1-1/8" x 5/8"	
16 3/4"	198'	201'	9' 8"	3-1/2"	1-1/8" x 5/8"	
17"	201'	204'	9' 8"	3-1/2"	1-1/8" x 5/8"	
17 1/4"	204'	207'	9' 8"	3-1/2"	1-1/8" x 5/8"	
17 1/2"	207'	210'	9' 8"	3-1/2"	1-1/8" x 5/8"	
17 3/4"	210'	213'	9' 8"	3-1/2"	1-1/8" x 5/8"	
18"	213'	216'	9' 8"	3-1/2"	1-1/8" x 5/8"	
18 1/4"	216'	219'	9' 8"	3-1/2"	1-1/8" x 5/8"	
18 1/2"	219'	222'	9' 8"	3-1/2"	1-1/8" x 5/8"	
18 3/4"	222'	225'	9' 8"	3-1/2"	1-1/8" x 5/8"	
19"	225'	228'	9' 8"	3-1/2"	1-1/8" x 5/8"	
19 1/4"	228'	231'	9' 8"	3-1/2"	1-1/8" x 5/8"	
19 1/2"	231'	234'	9' 8"	3-1/2"	1-1/8" x 5/8"	
19 3/4"	234'	237'	9' 8"	3-1/2"	1-1/8" x 5/8"	
20"	237'	240'	9' 8"	3-1/2"	1-1/8" x 5/8"	
20 1/4"	240'	243'	9' 8"	3-1/2"	1-1/8" x 5/8"	
20 1/2"	243'	246'	9' 8"	3-1/2"	1-1/8" x 5/8"	
20 3/4"	246'	249'	9' 8"	3-1/2"	1-1/8" x 5/8"	
21"	249'	252'	9' 8"	3-1/2"	1-1/8" x 5/8"	
21 1/4"	252'	255'	9' 8"	3-1/2"	1-1/8" x 5/8"	
21 1/2"	255'	258'	9' 8"	3-1/2"	1-1/8" x 5/8"	
21 3/4"	258'	261'	9' 8"	3-1/2"	1-1/8" x 5/8"	
22"	261'	264'	9' 8"	3-1/2"	1-1/8" x 5/8"	
22 1/4"	264'	267'	9' 8"	3-1/2"	1-1/8" x 5/8"	
22 1/2"	267'	270'	9' 8"	3-1/2"	1-1/8" x 5/8"	
22 3/4"	270'	273'	9' 8"	3-1/2"	1-1/8" x 5/8"	
23"	273'	276'	9' 8"	3-1/2"	1-1/8" x 5/8"	
23 1/4"	276'	279'	9' 8"	3-1/2"	1-1/8" x 5/8"	
23 1/2"	279'	282'	9' 8"	3-1/2"	1-1/8" x 5/8"	
23 3/4"	282'	285'	9' 8"	3-1/2"	1-1/8" x 5/8"	
24"	285'	288'	9' 8"	3-1/2"	1-1/8" x 5/8"	
24 1/4"	288'	291'	9' 8"	3-1/2"	1-1/8" x 5/8"	
24 1/2"	291'	294'	9' 8"	3-1/2"	1-1/8" x 5/8"	
24 3/4"	294'	297'	9' 8"	3-1/2"	1-1/8" x 5/8"	
25"	297'	300'	9' 8"	3-1/2"	1-1/8" x 5/8"	
25 1/4"	300'	303'	9' 8"	3-1/2"	1-1/8" x 5/8"	
25 1/2"	303'	306'	9' 8"	3-1/2"	1-1/8" x 5/8"	
25 3/4"	306'	309'	9' 8"	3-1/2"	1-1/8" x 5/8"	
26"	309'	312'	9' 8"	3-1/2"	1-1/8" x 5/8"	
26 1/4"	312'	315'	9' 8"	3-1/2"	1-1/8" x 5/8"	
26 1/2"	315'	318'	9' 8"	3-1/2"	1-1/8" x 5/8"	
26 3/4"	318'	321'	9' 8"	3-1/2"	1-1/8" x 5/8"	
27"	321'	324'	9' 8"	3-1/2"	1-1/8" x 5/8"	
27 1/4"	324'	327'	9' 8"	3-1/2"	1-1/8" x 5/8"	
27 1/2"	327'	330'	9' 8"	3-1/2"	1-1/8" x 5/8"	
27 3/4"	330'	333'	9' 8"	3-1/2"	1-1/8" x 5/8"	
28"	333'	336'	9' 8"	3-1/2"	1-1/8" x 5/8"	
28 1/4"	336'	339'	9' 8"	3-1/2"	1-1/8" x 5/8"	
28 1/2"	339'	342'	9' 8"	3-1/2"	1-1/8" x 5/8"	
28 3/4"	342'	345'	9' 8"	3-1/2"	1-1/8" x 5/8"	
29"	345'	348'	9' 8"	3-1/2"	1-1/8" x 5/8"	
29 1/4"	348'	351'	9' 8"	3-1/2"	1-1/8" x 5/8"	
29 1/2"	351'	354'	9' 8"	3-1/2"	1-1/8" x 5/8"	
29 3/4"	354'	357'	9' 8"	3-1/2"	1-1/8" x 5/8"	
30"	357'	360'	9' 8"	3-1/2"	1-1/8" x 5/8"	
30 1/4"	360'	363'	9' 8"	3-1/2"	1-1/8" x 5/8"	
30 1/2"	363'	366'	9' 8"	3-1/2"	1-1/8" x 5/8"	
30 3/4"	366'	369'	9' 8"	3-1/2"	1-1/8" x 5/8"	
31"	369'	372'	9' 8"	3-1/2"	1-1/8" x 5/8"	
31 1/4"	372'	375'	9' 8"	3-1/2"	1-1/8" x 5/8"	
31 1/2"	375'	378'	9' 8"	3-1/2"	1-1/8" x 5/8"	
31 3/4"	378'	381'	9' 8"	3-1/2"	1-1/8" x 5/8"	
32"	381'	384'	9' 8"	3-1/2"	1-1/8" x 5/8"	
32 1/4"	384'	387'	9' 8"	3-1/2"	1-1/8" x 5/8"	
32 1/2"	387'	390'	9' 8"	3-1/2"	1-1/8" x 5/8"	
32 3/4"	390'	393'	9' 8"	3-1/2"	1-1/8" x 5/8"	
33"	393'	396'	9' 8"	3-1/2"	1-1/8" x 5/8"	
33 1/4"	396'	399'	9' 8"	3-1/2"	1-1/8" x 5/8"	
33 1/2"	399'	402'	9' 8"	3-1/2"	1-1/8" x 5/8"	
33 3/4"	402'	405'	9' 8"	3-1/2"	1-1/8" x 5/8"	
34"	405'	408'	9' 8"	3-1/2"	1-1/8" x 5/8"	
34 1/4"	408'	411'	9' 8"	3-1/2"	1-1/8" x 5/8"	
34 1/2"	411'	414'	9' 8"	3-1/2"	1-1/8" x 5/8"	
34 3/4"	414'	417'	9' 8"	3-1/2"	1-1/8" x 5/8"	
35"	417'	420'	9' 8"	3-1/2"	1-1/8" x 5/8"	
35 1/4"	420'	423'	9' 8"	3-1/2"	1-1/8" x 5/8"	
35 1/2"	423'	426'	9' 8"	3-1/2"	1-1/8" x 5/8"	
35 3/4"	426'	429'	9' 8"	3-1/2"	1-1/8" x 5/8"	
36"	429'	432'	9' 8"	3-1/2"	1-1/8" x 5/8"	
36 1/4"	432'	435'	9' 8"	3-1/2"	1-1/8" x 5/8"	
36 1/2"	435'	438'	9' 8"	3-1/2"	1-1/8" x 5/8"	
36 3/4"	438'	441'	9' 8"	3-1/2"	1-1/8" x 5/8"	
37"	441'	444'	9' 8"	3-1/2"	1-1/8" x 5/8"	
37 1/4"	444'	447'	9' 8"	3-1/2"	1-1/8" x 5/8"	
37 1/2"	447'	450'	9' 8"	3-1/2"	1-1/8" x 5/8"	
37 3/4"	450'	453'	9' 8"	3-1/2"	1-1/8" x 5/8"	
38"	453'	456'	9' 8"	3-1/2"	1-1/8" x 5/8"	
38 1/4"	456'	459'	9' 8"	3-1/2"	1-1/8" x 5/8"	
38 1/2"	459'	462'	9' 8"	3-1/2"	1-1/8" x 5/8"	
38 3/4"	462'	465'	9' 8"	3-1/2"	1-1/8" x 5/8"	
39"	465'	468'	9' 8"	3-1/2"	1-1/8" x 5/8"	
39 1/4"	468'	471'	9' 8"	3-1/2"	1-1/8" x 5/8"	
39 1/2"	471'	474'	9' 8"	3-1/2"	1-1/8" x 5/8"	
39 3/4"	474'	477'	9' 8"	3-1/2"	1-1/8" x 5/8"	
40"	477'	480'	9' 8"	3-1/2"	1-1/8" x 5/8"	
40 1/4"	480'	483'	9' 8"	3-1/2"	1-1/8" x 5/8"	
40 1/2"	483'	486'	9' 8"	3-1/2"	1-1/8" x 5/8"	
40 3/4"	486'	489'	9' 8"	3-1/2"	1-1/8" x 5/8"	
41"	489'	492'	9' 8"	3-1/2"	1-1/8" x 5/8"	
41 1/4"	492'	495'	9' 8"	3-1/2"	1-1/8" x 5/8"	
41 1/2"	495'	498'	9' 8"	3-1/2"	1-1/8" x 5/8"	
41 3/4"	498'	501'	9' 8"	3-1/2"	1-1/8" x 5/8"	
42"	501'	504'	9' 8"	3-1/2"	1-1/8" x 5/8"	
42 1/4"	504'	507'	9' 8"	3-1/2"	1-1/8" x 5/8"	
42 1/2"	507'	510'	9' 8"	3-1/2"	1-1/8" x 5/8"	
42 3/4"	510'	513'	9' 8"	3-1/2"	1-1/8" x 5/8"	
43"	513'	516'	9' 8"	3-1/2"	1-1/8" x 5/8"	
43 1/4"	516'	519'	9' 8"	3-1/2"	1-1/8" x 5/8"	
43 1/2"	519'	522'	9' 8"	3-1/2"	1-1/8" x 5/8"	
43 3/4"	522'	525'	9' 8"	3-1/2"	1-1/8" x 5/8"	
44"	525'	528'	9' 8"	3-1/2"	1-1/8" x 5/8"	
44 1/4"	528'	531'	9' 8"	3-1/2"	1-1/8" x 5/8"	
44 1/2"	531'	534'	9' 8"	3-1/2"	1-1/8" x 5/8"	
44 3/4"	534'	537'	9' 8"	3-1/2"	1-1/8" x 5/8"	
45"	537'	540'	9' 8"	3-1/2"	1-1/8" x 5/8"	
45 1/4"	540'	543				



(NOTE: OPTIONAL WELDED OR RIVETED CONSTRUCTION)

 Know what's below. Call before you dig. 1-800-4-A-DIG 24/7	02/11	 SUNRISE ENGINEERING 111 EAST 500 NORTH SALT LAKE CITY, UT 84143-3735 TEL: 313.575.7000 FAX: 313.575.7000 WWW.SUNRISE-ENG.COM	JOHN H NRIE	D4
14' x 30'	CLAMP IN	 SUNRISE ENGINEERING 111 EAST 500 NORTH SALT LAKE CITY, UT 84143-3735 TEL: 313.575.7000 FAX: 313.575.7000 WWW.SUNRISE-ENG.COM	JOHN H NRIE RV PARK PROJ C1 702/1	14' x 30'
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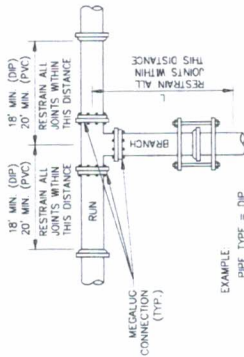
MEGALUG THRUST RESTRAINING SYSTEM DETAILS

* CALCULATIONS DERIVED FROM EBAA IRON SALES

NOTE:
CONTRACTOR SHALL USE MEGALUG FOR THE ENTIRE PROJECT.

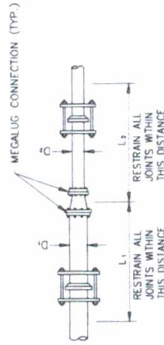
BASED ON:

TEST PRESSURE 200 PSI
BURIAL DEPTH 4' ±
TRENCH TYPE 5 - PIPE BEDDED IN COMPACTED GRAVEL-SAND-SILT MIXTURE TO THE CENTER LINE OF PIPE, 4" MIN UNDER PIPE, COMPACTED GRANULAR OR SELECT MATERIAL TO TOP OF PIPE (APPROX. 90% STANDARD PROCTOR, AASHTO 1-99)
SAFETY FACTOR 1.5



EXAMPLE:
PIPE TYPE = DIP
PIPE SIZE = 16"
L₁ = 12'

PLAN



EXAMPLE:
PIPE TYPE = PVC
D₁ = 6"
D₂ = 8"
L₁ = 5'
L₂ = 4'



EXAMPLE:
PIPE TYPE = DIP
PIPE SIZE = 10"
L = 5'

PVC VERTICAL BEND RESTRAINED LENGTHS L ₁ AFTER CONNECTION (L ₁ - BEFORE CONNECTION/L ₂ - AFTER CONNECTION)		PIPE SIZE									
BEND ANGLE		4	6	8	10	12	14	16	18	20	24
11/25	4/1	5/2	7/2	9/3	10/3	12/4	13/4	15/5	16/5	19/6	
22/5	8/3	11/4	15/5	17/6	21/7	24/8	27/9	30/9	33/10	38/12	
45	16/5	23/8	30/10	36/12	43/14	49/16	56/18	62/20	68/21	79/25	

CALCULATIONS BASED ON THE ELEVATION OF THE PIPE REMAINING CONSTANT WITH THE CONTOUR OF THE GROUND, FOR TWO WAY FLOW, SUCH AS FOUND IN DISTRIBUTION SYSTEMS, USE L₁ ON BOTH SIDES OF FITTING.

PVC HORIZONTAL BEND RESTRAINED LENGTHS L ₁ IN FT.		PIPE SIZE									
BEND ANGLE		4	6	8	10	12	14	16	18	20	24
11/25	1	2	3	4	5	6	7	8	9	10	12
22/5	3	4	5	6	7	8	9	10	11	12	15
45	5	8	10	12	14	16	18	20	21	25	30
90	13	18	24	29	34	38	43	47	52	60	72

1. ALL JOINTS WITHIN THE "L" DISTANCE SHALL BE RESTRAINED

PVC TEE RESTRAINED LENGTHS L ₁ IN FT.		RUN SIZE DIAMETER									
BRANCH SIZE DIA.		4	6	8	10	12	14	16	18	20	24
4	•	•	•	•	•	•	•	•	•	•	•
6	•	•	•	•	•	•	•	•	•	•	•
8	•	•	•	•	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•	•	•	•	•
12	•	•	•	•	•	•	•	•	•	•	•
14	•	•	•	•	•	•	•	•	•	•	•
16	•	•	•	•	•	•	•	•	•	•	•
18	•	•	•	•	•	•	•	•	•	•	•
20	•	•	•	•	•	•	•	•	•	•	•
24	•	•	•	•	•	•	•	•	•	•	•

NOTES:
1. FOR THIS CONDITION NEED ONLY RESTRAIN THE OUTLETS OF TEE
2. RESTRAIN THE THREE MECHANICAL JOINTS ON THE TEE
3. ALL JOINTS WITHIN THE "L" DISTANCE ON THE BRANCH SIDE OF TEE SHALL BE RESTRAINED AND ALL JOINTS WITHIN 18" ON THE RUN SIDE OF THE TEE SHALL BE RESTRAINED

PVC REDUCER RESTRAINED LENGTHS L ₁ IN FT. (SMALL SIDE/LARGE SIDE)		PIPE SIZE									
D ₁	D ₂	4	6	8	10	12	14	16	18	20	24
4	27/29	100/52	171/71	258/90	—	—	—	—	—	—	—
6	—	40/51	88/54	147/75	217/95	297/113	—	—	—	—	—
8	—	—	37/29	82/55	135/77	197/98	266/117	—	—	—	—
10	—	—	—	36/30	79/56	128/80	183/100	244/120	—	—	—
12	—	—	—	—	36/30	77/57	123/80	174/102	233/142	—	—
14	—	—	—	—	—	35/30	74/57	118/81	219/124	—	—
16	—	—	—	—	—	—	34/30	73/57	161/104	—	—
18	—	—	—	—	—	—	—	34/30	111/82	—	—
20	—	—	—	—	—	—	—	—	—	70/57	—

1. ALL JOINTS WITHIN THE "L" DISTANCE SHALL BE RESTRAINED

PVC DEAD END RESTRAINED LENGTHS L ₁ IN FT.		PIPE SIZE									
		4	6	8	10	12	14	16	18	20	24
39	55	73	88	104	119	134	149	163	192		

1. ALL JOINTS WITHIN THE "L" DISTANCE SHALL BE RESTRAINED

DIP VERTICAL BEND RESTRAINED LENGTHS L ₁ IN FT. (L ₁ - BEFORE CONNECTION/L ₂ - AFTER CONNECTION)		PIPE SIZE									
BEND ANGLE		4	6	8	10	12	14	16	18	20	24
11/25	2/1	4/2	5/2	6/2	7/3	8/3	9/4	10/4	12/5		
22/5	5/2	7/3	9/4	11/5	13/6	15/6	17/7	19/8	21/9	24/10	
45	11/5	15/6	20/8	23/10	28/12	32/13	36/15	40/17	43/18	51/21	

CALCULATIONS BASED ON THE ELEVATION OF THE PIPE REMAINING CONSTANT WITH THE CONTOUR OF THE GROUND

DIP HORIZONTAL BEND RESTRAINED LENGTHS L ₁ IN FT.		PIPE SIZE									
BEND ANGLE		4	6	8	10	12	14	16	18	20	24
11/25	1	2	3	4	5	6	7	8	9	10	12
22/5	2	3	4	5	6	7	8	9	10	12	15
45	5	8	10	12	14	16	18	20	21	25	30
90	11	15	20	24	28	32	36	40	44	51	60

1. ALL JOINTS WITHIN THE "L" DISTANCE SHALL BE RESTRAINED

DIP TEE RESTRAINED LENGTHS L ₁ IN FT.		RUN SIZE DIAMETER									
BRANCH SIZE DIA.		4	6	8	10	12	14	16	18	20	24
4	•	•	•	•	•	•	•	•	•	•	•
6	•	•	•	•	•	•	•	•	•	•	•
8	•	•	•	•	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•	•	•	•	•
12	•	•	•	•	•	•	•	•	•	•	•
14	•	•	•	•	•	•	•	•	•	•	•
16	•	•	•	•	•	•	•	•	•	•	•
18	•	•	•	•	•	•	•	•	•	•	•
20	•	•	•	•	•	•	•	•	•	•	•
24	•	•	•	•	•	•	•	•	•	•	•

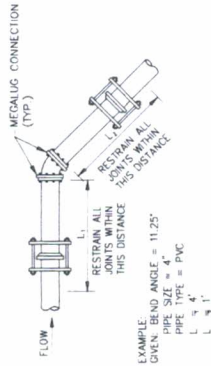
NOTES:
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DIP REDUCER RESTRAINED LENGTHS L ₁ IN FT. (SMALL SIDE/LARGE SIDE)		PIPE SIZE									
D ₁	D ₂	4	6	8	10	12	14	16	18	20	24
4	27/18	65/34	110/46	166/58	—	—	—	—	—	—	—
6	—	26/20	57/35	95/48	140/61	192/73	—	—	—	—	—
8	—	—	24/19	53/35	87/50	127/63	171/75	—	—	—	—
10	—	—	—	23/20	51/36	82/51	118/64	158/77	—	—	—
12	—	—	—	—	49/37	79/52	112/66	188/91	—	—	—
14	—	—	—	—	—	22/20	48/37	76/52	141/80	—	—
16	—	—	—	—	—	—	22/19	47/37	103/67	—	—
18	—	—	—	—	—	—	—	22/19	72/53	—	—
20	—	—	—	—	—	—	—	—	—	45/37	—

1. ALL JOINTS WITHIN THE "L" DISTANCE SHALL BE RESTRAINED

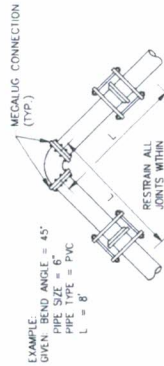
DIP DEAD END RESTRAINED LENGTHS L ₁ IN FT.		PIPE SIZE									
		4	6	8	10	12	14	16	18	20	24
25	36	47	57	67	76	86	95	105	123		

1. ALL JOINTS WITHIN THE "L" DISTANCE SHALL BE RESTRAINED



EXAMPLE:
GIVEN BEND ANGLE = 11/25
PIPE TYPE = PVC
L₁ = 4'
L₂ = 1'

ELEVATION



EXAMPLE:
GIVEN BEND ANGLE = 45°
PIPE TYPE = PVC
L₁ = 6'
L₂ = 8'

PLAN



25 EAST COLUMBIA
FALL RIVER, MA 01931
TEL: 508/665-1111
WWW.SUNRISE-ENG.COM

JOHN H. NRIE
2021

JOHN H. NRIE
RV PARK PROJECT
2021

1/1 NOT FOR CONSTRUCTION

2/1 NOT FOR CONSTRUCTION

3/1 NOT FOR CONSTRUCTION

4/1 NOT FOR CONSTRUCTION

5/1 NOT FOR CONSTRUCTION

6/1 NOT FOR CONSTRUCTION

7/1 NOT FOR CONSTRUCTION

8/1 NOT FOR CONSTRUCTION

9/1 NOT FOR CONSTRUCTION

10/1 NOT FOR CONSTRUCTION

11/1 NOT FOR CONSTRUCTION

12/1 NOT FOR CONSTRUCTION

13/1 NOT FOR CONSTRUCTION

14/1 NOT FOR CONSTRUCTION

15/1 NOT FOR CONSTRUCTION

16/1 NOT FOR CONSTRUCTION

17/1 NOT FOR CONSTRUCTION

18/1 NOT FOR CONSTRUCTION

19/1 NOT FOR CONSTRUCTION

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21/1 NOT FOR CONSTRUCTION

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51/1 NOT FOR CONSTRUCTION

52/1 NOT FOR CONSTRUCTION

53/1 NOT FOR CONSTRUCTION

Panguitch City
Budgeting Worksheet
10 General Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

Change In Net Position	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
Revenue:								
Taxes								
31100 CURRENT PROPERTY TAXES	140,759	136,967	150,037	140,000	0	150,000	0	0
31200 REDEMPPT PRIOR YEAR TAXES	18,812	17,486	11,297	10,000	0	12,000	0	0
31300 SALES AND USE TAX	313,030	356,947	322,687	275,000	0	350,000	0	0
31310 TELECOMMUNICATIONS TAX	13,049	16,557	13,295	14,000	0	14,000	0	0
31350 RESORT TAX	230,439	300,029	262,258	200,000	0	298,500	0	0
31400 ENERGY TAX (FORMERLY FRANCHISE	121,354	123,357	107,219	119,000	0	115,000	0	0
31500 FEES-IN-LIEU PERS. PROPERTY TAX	33,193	29,094	22,416	30,000	0	25,000	0	0
31600 TRANSIENT ROOM TAX	0	8,934	38,627	6,000	0	16,000	0	0
Total Taxes	870,636	989,371	927,836	794,000	0	980,500	0	
Licenses and permits								
32100 BEER LICENSES	450	500	350	400	0	400	0	0
32200 BUILDING PERMITS	10	10	10	0	0	0	0	0
32300 BUSINESS LICENSES	5,046	5,031	5,080	4,500	0	4,500	0	0
32400 ANIMAL CONTROL FEES	1,165	2,350	2,145	1,000	0	1,500	0	0
Total Licenses and permits	6,671	7,891	7,585	5,900	0	6,400	0	
Intergovernmental revenue								
33300 STATE GRANT - LIBRARY BOOKS	7,900	5,700	8,300	5,000	0	5,000	0	0
33310 STATE OF UTAH - CARES ACT LIBRARY	0	2,048	0	0	0	0	0	0
33350 State Grants- Airport	0	0	5,987	0	0	0	0	0
33400 STATE LIQUOR FUND	6,858	6,425	6,801	6,500	0	6,500	0	0
33500 CLASS C ROAD FUND	128,833	125,912	103,962	130,000	0	125,000	0	0
33600 County Contributions -Triple C	87,994	77,131	73,244	85,000	0	108,500	0	0
33610 CARES ACT - MONEY	0	0	144,344	0	0	0	0	0
33650 Marketing Grant	10,476	6,261	2,252	5,000	0	0	0	0
33750 CARES ACT - AIRPORT MONEY	0	0	20,000	0	0	9,000	0	0
33850 LIGHTING PROJECT	22,900	147,000	0	0	0	0	0	0
33900 CIB GRANT - MASTER PLAN	0	30,000	0	0	0	0	0	0
33925 MASTER PLAN	0	0	30,000	60,000	0	0	0	0
33950 AIRPORT GRANTS	366,553	569,309	0	0	0	0	0	0
Total Intergovernmental revenue	631,514	969,786	394,890	291,500	0	254,000	0	
Charges for services								
34200 COURT COSTS-FEES AND CHARGES	1,500	0	0	0	0	0	0	0
34300 EVENT MONEY	11,500	23,500	2,250	20,000	0	5,000	0	0
34400 BASEBALL FEES	3,000	0	0	10,000	0	0	0	0
34450 BASEBALL BANNER FEES	1,200	800	100	1,000	0	1,000	0	0
34500 SOCIAL HALL FEES	0	0	1,095	1,500	0	1,000	0	0
34600 BANNERS	14,160	11,375	9,200	11,000	0	11,000	0	0
34800 MULTI PURPOSE FEES	42,744	34,386	38,807	50,000	0	50,000	0	0
34900 FIRE DEPT CONTRACTS	18,828	18,898	26,053	20,000	0	20,000	0	0
34950 FIRE DEPT INSURANCE CLAIM MONEY	0	8,667	2,428	0	0	0	0	0
Total Charges for services	92,932	97,626	79,933	113,500	0	88,000	0	
Fines and forfeitures								

Panguitch City
Budgeting Worksheet
10 General Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
35100 J. P. COURT FINES	23,954	24,738	33,185	20,000	0	20,000	0	
35200 RENT - CHILDRENS JUSTICE CENTER	0	2,100	4,900	0	0	0	0	
Total Fines and forfeitures	23,954	26,838	38,085	20,000	0	20,000	0	
Interest								
36100 INTEREST INCOME	31,534	26,733	6,327	18,000	0	10,000	0	
Total Interest	31,534	26,733	6,327	18,000	0	10,000	0	
Miscellaneous revenue								
36200 RENTS AND ROYALTIES	29,144	28,163	21,480	35,000	0	20,000	0	
36300 AIRPORT HANGER RENT	0	0	2,948	0	0	0	0	
36400 SALE OF FIXED ASSETS	21,938	10,888	6,236	1,000	0	1,000	0	
36500 SALE OF MATERIALS & SUPPLIES	598	246	311	500	0	250	0	
36600 MISCELLANEOUS INCOME	77,576	95,962	33,771	30,000	0	10,000	0	
36700 LANDFILL RENT	8,400	3,200	0	0	0	0	0	
36750 BOND PROCEEDS	0	388,150	0	0	0	0	0	
36900 TRIPLE C CONCESSIONS	445	1,153	674	100	0	500	0	
36950 BASEBALL CONCESSIONS	0	0	345	100	0	100	0	
Total Miscellaneous revenue	138,101	527,762	65,765	66,700	0	31,850	0	
Total Revenue:	1,795,342	2,546,007	1,520,421	1,309,600	0	1,390,750	0	
Expenditures:								
General government								
Legislative								
41110 SALARIES AND WAGES	8,982	10,903	7,768	11,000	0	11,000	0	
41130 EMPLOYEE BENEFITS	1,188	1,095	833	1,400	0	1,400	0	
41230 TRAVEL	26	491	0	2,000	0	1,000	0	
41610 MISCELLANEOUS SUPPLIES	3,885	948	1,700	1,000	0	1,000	0	
41620 MISCELLANEOUS SERVICES	0	2,567	2,454	3,000	0	3,000	0	
Total Legislative	14,081	16,004	12,755	18,400	0	17,400	0	
Judicial								
42110 SALARIES AND WAGES	6,750	6,750	5,860	6,700	0	6,700	0	
42130 EMPLOYEE BENEFITS	890	733	621	900	0	900	0	
42230 TRAVEL	821	505	0	1,500	0	1,500	0	
42620 MISC SER-DEF ATTORNEY-CLERK	2,400	2,400	1,200	2,400	0	2,400	0	
Total Judicial	10,861	10,388	7,681	11,500	0	11,500	0	
Administrative								
44110 SALARIES AND WAGES	56,477	59,189	59,282	66,150	0	115,000	0	
44120 CONTRACT LABOR	2,700	2,700	1,825	2,550	0	2,400	0	
44130 EMPLOYEE BENEFITS	27,166	30,524	29,030	38,900	0	56,000	0	
44210 MEMBERSHIP LEAGUES CITIES & TOWNS	906	944	944	1,000	0	1,000	0	
44220 PUBLIC NOTICES	1,159	1,799	888	2,000	0	1,500	0	
44230 TRAVEL	1,850	723	300	2,000	0	1,000	0	
44240 OFFICE EXPENSE & SUPPLIES	978	1,657	1,273	1,500	0	1,500	0	
44280 TELEPHONE	1,964	2,864	2,357	2,500	0	2,500	0	
44310 GARNISHMENT	0	0	1,353	0	0	0	0	
44480 MASTER PLAN	0	86,727	18,000	60,000	0	0	0	

Panguitch City
Budgeting Worksheet
10 General Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
44510 INSURANCE	44,525	43,317	38,419	44,000	0	44,000	0	
44600 MISCELLANEOUS EXPENSES	10,351	13,714	10,352	9,000	0	10,000	0	
44610 MISCELLANEOUS SUPPLIES	3,246	6,106	746	5,000	0	4,000	0	
44620 CARES ACT - MONEY	0	7,308	135,000	0	0	0	0	
64150 CONTRACT LABOR - SOCIAL HALL	0	0	3,135	0	0	0	0	
Total Administrative	151,322	257,572	302,904	234,600	0	238,900	0	
Elections								
50610 ELECTION SUPPLIES	0	3,720	0	2,500	0	2,500	0	
50620 ELECTION SERVICES	80	0	0	0	0	0	0	
Total Elections	80	3,720	0	2,500	0	2,500	0	
Buildings and grounds								
51110 CITY OFFICE REMODEL	0	128,398	0	0	0	0	0	
51130 CHILDRENS JUSTICE CENTER	56	0	1,524	0	0	0	0	
51250 EQUIPMENT - SUPPLIES & MAINT	2,167	1,647	1,519	1,500	0	4,000	0	
51270 UTILITIES	12,271	12,595	9,331	14,500	0	12,500	0	
51480 FIRE STATION MAINTENANCE	3,350	31,095	0	1,000	0	1,000	0	
51510 SOCIAL HALL MAINTENANCE	41,351	113,022	1,335	1,500	0	1,500	0	
51610 PARK MAINTENANCE	105	4,297	0	5,000	0	5,000	0	
51720 CITY OFFICE MAINTENANCE	6,145	5,735	9,183	7,000	0	19,350	0	
51740 CAPITAL OUTLAY - PROPERTY	121,903	0	0	0	0	0	0	
Total Buildings and grounds	187,348	296,789	22,892	30,500	0	43,350	0	
Total General government	363,692	584,473	346,232	297,500	0	313,650	0	
Public safety								
Police								
53620 MISCELLANEOUS SERVICES	105,500	105,500	55,000	105,500	0	105,500	0	
Total Police	105,500	105,500	55,000	105,500	0	105,500	0	
Liquor law enforcements								
54110 MISCELLANEOUS SERVICES	4,500	4,500	0	6,500	0	6,500	0	
Total Liquor law enforcements	4,500	4,500	0	6,500	0	6,500	0	
Fire								
55110 SALARIES AND WAGES	4,500	4,500	3,846	4,650	0	4,500	0	
55130 EMPLOYEE BENEFITS	599	388	412	550	0	550	0	
55150 CONTRACT LABOR	2,700	2,700	1,825	2,550	0	2,400	0	
55200 FIRE FIGHTER INCENTIVE	7,368	7,807	(300)	9,000	0	9,000	0	
55230 TRAINING	1,258	1,877	0	2,000	0	2,000	0	
55250 EQUIPMENT - SUPPLIES & MAINT	12,645	13,887	5,973	11,000	0	11,000	0	
55260 FUEL	1,315	760	628	1,500	0	1,500	0	
55270 UTILITIES	2,338	2,780	2,531	2,500	0	2,500	0	
55280 TELEPHONE	973	41	230	500	0	500	0	
55480 FIREMAN DUES	315	350	340	350	0	350	0	
55510 INSURANCE	5,500	5,499	3,737	6,000	0	6,000	0	
55620 MISC SERVICES	1,241	1,308	754	1,500	0	1,500	0	
55740 EQUIPMENT / FIRE DEPT GRANT	0	0	12,804	0	0	0	0	
Total Fire	40,752	41,897	32,780	42,100	0	41,800	0	

Panguitch City
Budgeting Worksheet
10 General Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
Inspections								
56310 PROFESSIONAL & TECHNICAL SERV	4,390	4,310	4,470	5,000	0	5,000	0	
Total Inspections	4,390	4,310	4,470	5,000	0	5,000	0	
Animal control								
57110 SALARIES AND WAGES	9,475	10,028	8,308	10,000	0	19,000	0	
57130 EMPLOYEE BENEFITS	7,375	3,105	2,144	3,700	0	7,000	0	
57250 EQUIPMENT - SUPPLIES & MAINT	541	785	730	1,000	0	1,000	0	
57270 UTILITIES	793	940	615	800	0	800	0	
Total Animal control	18,184	14,858	11,797	15,500	0	27,800	0	
Total Public safety	173,326	171,065	104,047	174,600	0	186,600	0	
Highways and public improvements								
Streets and highways								
60110 SALARIES AND WAGES	9,474	3,852	7,924	15,000	0	18,000	0	
60120 CONTRACT LABOR - CROSSING GUARD	0	1,066	0	0	0	0	0	
60130 EMPLOYEE BENEFITS	7,374	1,609	2,144	3,700	0	7,000	0	
60250 EQUIPMENT - SUPPLIES & MAINT	6,628	4,356	4,516	5,000	0	5,000	0	
60270 UTILITIES	7,808	5,585	6,637	15,000	0	7,000	0	
60400 STREETS - CHIP SEAL	1,944	143,861	31,710	20,000	0	125,000	0	
60410 ROAD PROJECTS SAVINGS	0	0	0	110,000	0	0	0	
60610 MISCELLANEOUS SUPPLIES	12,303	5,612	2,158	2,000	0	2,000	0	
60620 MISCELLANEOUS SERVICES	1,422	3,377	3,292	5,000	0	5,000	0	
60740 CAPITAL PURCHASE - TRUCKS	5,341	0	0	0	0	10,000	0	
Total Streets and highways	52,294	169,318	58,381	175,700	0	179,000	0	
Landfill								
62450 WASTE MANAGEMENT	0	17,206	1,745	0	0	0	0	
62460 SOURCE REDUCTION CLOSURE	9,212	599	1,423	6,000	0	3,000	0	
62620 MISC SERVICES-HUGHES WASTE HAULERS	8,460	308	330	250	0	500	0	
Total Landfill	17,672	18,113	3,498	6,250	0	3,500	0	
Total Highways and public improvements	69,966	187,431	61,879	181,950	0	182,500	0	
Parks, recreation, and public property								
Multi-purpose center								
63110 SALARIES AND WAGES	61,749	63,069	54,396	65,000	0	83,000	0	
63130 EMPLOYEE BENEFITS	46,608	39,296	32,421	45,900	0	76,000	0	
63210 BANNERS	17,863	12,089	376	11,000	0	11,000	0	
63220 PUBLIC NOTICES/ ADVERTISING	3,787	1,653	2,057	4,500	0	2,000	0	
63230 TRAVEL	0	0	139	500	0	500	0	
63250 EQUIPMENT - SUPPLIES & MAINT	3,792	2,240	1,934	4,000	0	4,000	0	
63270 UTILITIES	23,548	23,725	18,385	25,000	0	25,000	0	
63280 TELEPHONE	3,306	3,801	2,216	3,000	0	3,000	0	
63510 INSURANCE	4,000	4,000	0	4,000	0	4,000	0	
63610 MISCELLANEOUS SUPPLIES	7,485	8,741	9,528	8,000	0	8,000	0	
63620 MISC SERVICES-SHOWS	43,903	29,896	29,844	50,000	0	50,000	0	
63740 CAPITAL OUTLAY - EQUIPMENT	3,231	13,248	10,764	6,000	0	17,000	0	
63745 TRIPLE C CONCESSIONS	0	0	0	100	0	500	0	

Panguitch City
Budgeting Worksheet
10 General Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
63750 LIGHTING PROJECT - ARENA	0	0	4,218	0	0	0	0	
63810 Debt Service - Principal	28,350	407,400	32,550	28,500	0	33,000	0	
63811 Debt Service - Interest	14,496	11,204	7,797	14,500	0	9,000	0	
63820 INMATE LABOR	1,999	2,215	820	3,000	0	3,000	0	
Total Multi-purpose center	264,117	622,577	207,445	273,000	0	329,000	0	
Parks and recreation								
64110 SALARIES AND WAGES	62,537	60,934	50,567	67,000	0	72,000	0	
64120 SALARIES AND WAGES - COVID 19 MONEY	0	1,211	1,965	0	0	0	0	
64130 EMPLOYEE BENEFITS	34,893	36,430	31,438	44,550	0	45,000	0	
64140 CONTRACT LABOR - SOCIAL HALL	0	0	0	0	0	6,000	0	
64210 FIREWORKS	4,351	4,751	0	4,500	0	5,000	0	
64250 EQUIPMENT - SUPPLIES & MAINT	1,953	2,257	2,030	2,500	0	2,500	0	
64270 PARK UTILITIES	3,871	5,578	3,319	12,000	0	7,000	0	
64280 BASEBALL - UTILITIES	3,296	3,318	2,795	3,500	0	3,500	0	
64281 BASEBALL BANNER	0	0	0	500	0	1,000	0	
64285 SPLASHPAD/PICKLEBALL - MAINTENANCE	85,863	27,579	1,565	1,000	0	1,000	0	
64290 LIGHTING PROJECT	0	212,073	2,093	0	0	0	0	
64480 CAPITAL OUTLAY - PAVILION	0	0	0	5,000	0	5,000	0	
64600 OUTDOOR CLASSROOM	0	0	623	0	0	0	0	
64610 MISCELLANEOUS SUPPLIES/LIGHTS	7,702	8,478	4,753	8,000	0	8,000	0	
64620 MISC SERVICES	1,021	6,185	3,443	10,000	0	5,000	0	
64730 IMPROVEMENTS - BALLFIELDS	3,686	5,638	23,500	5,500	0	5,500	0	
64740 BASEBALL CONCESSIONS	0	0	0	100	0	100	0	
64920 CONTRIBUTIONS	6,781	5,716	3,672	7,000	0	7,000	0	
Total Parks and recreation	215,954	380,148	131,763	171,150	0	173,600	0	
Airport								
65112 MAINTENANCE	0	0	800	1,000	0	1,000	0	
65130 AWOS MAINT	1,775	6,698	5,400	3,500	0	5,500	0	
65230 CARES ACT - AIRPORT	0	0	19,850	0	0	0	0	
65250 EQUIPMENT - SUPPLIES & MAINT	1,201	458	855	1,000	0	1,000	0	
65270 UTILITIES	2,616	2,883	2,769	3,000	0	3,500	0	
65280 TELEPHONE	672	1,550	1,386	1,000	0	1,500	0	
65510 INSURANCE	2,000	1,830	2,100	2,000	0	2,000	0	
65730 IMPROVEMENTS	410,189	584,106	0	0	0	0	0	
Total Airport	418,453	597,525	33,160	11,500	0	14,500	0	
Library								
66110 SALARIES AND WAGES	19,076	17,027	17,059	24,000	0	24,000	0	
66130 EMPLOYEE BENEFITS	1,987	1,375	1,340	2,900	0	2,900	0	
66210 BOOK, SUBSCRIPTIONS/MEMBERSHIP	3,532	3,095	2,934	3,500	0	4,000	0	
66230 TRAVEL	472	110	0	500	0	500	0	
66240 OFFICE EXPENSE & SUPPLIES	583	980	56	1,000	0	1,000	0	
66270 UTILITIES	14,777	12,745	13,210	17,000	0	17,000	0	
66610 MISCELLANEOUS SUPPLIES	4	0	0	0	0	500	0	
66620 MISCELLANEOUS SERVICES	3,360	3,419	467	4,000	0	3,000	0	
66720 LIBRARY INTERNET	1,700	2,886	1,367	2,000	0	2,000	0	
66725 LIBRARY FLIP EXPENSES	0	2,977	0	0	0	0	0	

Panguitch City
Budgeting Worksheet
10 General Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
66730 CLEF GRANT EXPENSES	4,899	5,864	3,644	5,000	0	5,000	0	
66735 CARES ACT MONEY - LIBRARY	0	0	1,851	0	0	0	0	
Total Library	50,390	50,478	41,928	59,900	0	59,900	0	
Total Parks, recreation, and public property	948,914	1,650,728	414,296	515,550	0	577,000	0	
Economic development								
68110 SALARIES AND WAGES	19,081	34,989	36,585	51,000	0	39,000	0	
68130 EMPLOYEE BENEFITS	6,299	16,809	25,401	36,000	0	37,000	0	
68220 MAIN STREET EVENTS	0	2,562	683	2,000	0	3,000	0	
68230 TRAVEL	605	136	0	500	0	500	0	
68240 OFFICE EXPENSE & SUPPLIES	640	1,675	139	1,000	0	1,000	0	
68250 EVENT MONEY	16,300	26,300	3,250	20,000	0	20,000	0	
68400 PANG BROCHURE/MISC ADVERTISING	19,576	25,497	6,745	9,000	0	9,000	0	
68630 MAIN STREET-BALLOON FESTIVAL	23,021	12,696	10,000	10,000	0	10,000	0	
68635 PHONE - EVENTS	0	1,013	697	1,000	0	1,000	0	
68740 TRAILS MASTER PLAN	12,560	5,181	800	0	0	1,000	0	
Total Economic development	98,082	126,858	84,300	130,500	0	121,500	0	
Debt service								
80810 PRINCIPAL ON BONDS - DEBT REDUCTION	10,500	6,000	0	6,000	0	6,000	0	
Total Debt service	10,500	6,000	0	6,000	0	6,000	0	
Transfers								
40800 CONTRIBUTIONS	0	0	(20)	0	0	0	0	
40950 TRANSFERS TO FIRE DEPARTMENT EQUIP	0	10,167	0	3,500	0	3,500	0	
44910 TRANSFER CAPITAL PROJECTS - INFASITRUC	0	29,034	0	0	0	0	0	
49900 TRANSFERS TO LIGHTS REPAYMENT	0	64,500	0	0	0	0	0	
Total Transfers	0	103,701	(20)	3,500	0	3,500	0	
Total Expenditures:	1,664,480	2,830,256	1,010,734	1,309,600	0	1,390,750	0	
Total Change in Net Position	130,862	(184,249)	509,687	0	0	0	0	

Panguitch City
Budgeting Worksheet
40 Capital Projects Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
Change In Net Position								
Revenue:								
Interest								
36100 INTEREST INCOME	1,459	427	43	0	0	0	0	
Total Interest	1,459	427	43	0	0	0	0	
Contributions and transfers								
39050 TRANSFERS FROM GEN FUND- FIRE DEPT E	0	10,167	0	0	0	0	0	
39060 TRANSFERS FROM GEN FUND- INFRASTRUC	0	29,034	0	0	0	0	0	
Total Contributions and transfers	0	39,201	0	0	0	0	0	
Total Revenue:	1,459	39,628	43	0	0	0	0	
Total Change In Net Position	1,459	39,628	43	0	0	0	0	

Panguitch City
Budgeting Worksheet
51 Water Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
Income or Expense								
Income From Operations:								
Operating income								
30100 WATER OPERATIONS	376,363	386,279	326,362	353,000	0	386,000	0	0
30200 WATER TANK REHABILITATION	0	0	0	0	0	171,000	0	0
30250 CDBG LOAN - WATER TANK REHABILITATION	0	0	0	0	0	200,000	0	0
30300 CUSTOMER CONNECTS-DEPOSIT REF.	7,172	6,350	5,100	5,000	0	5,000	0	0
Total Operating income	383,535	392,629	331,462	358,000	0	762,000	0	
Operating expense								
40110 SALARIES AND WAGES	99,925	105,198	93,451	111,000	0	86,000	0	0
40130 EMPLOYEE BENEFITS	77,241	59,129	36,024	58,000	0	51,000	0	0
40210 MEMBERSHIP RURAL WATER	876	793	793	1,000	0	2,000	0	0
40230 TRAVEL	4,470	3,658	202	5,000	0	6,000	0	0
40240 OFFICE EXPENSE & SUPPLIES	2,542	5,359	2,335	5,000	0	7,000	0	0
40250 EQUIPMENT - SUPPLIES & MAINT	4,626	7,660	5,532	10,000	0	12,000	0	0
40270 UTILITIES	27,562	35,388	9,439	25,000	0	16,000	0	0
40280 TELEPHONE	2,287	3,552	2,469	3,000	0	4,000	0	0
40310 PROFESSIONAL & TECHNICAL SERV	19,227	18,586	13,317	17,000	0	18,000	0	0
40510 INSURANCE	7,012	2,768	2,243	6,000	0	7,000	0	0
40610 MISCELLANEOUS SUPPLIES	24,195	25,601	6,112	15,000	0	17,000	0	0
40620 MISCELLANEOUS SERVICES	6,812	12,034	14,541	10,000	0	15,000	0	0
40650 DEPRECIATION	65,358	68,873	0	0	0	0	0	0
40710 WATER STOCK ASSESSMENT	5,081	5,637	5,648	6,000	0	7,000	0	0
40750 CAPITAL PURCHASE - TRUCKS	0	0	13,809	10,000	0	11,000	0	0
40760 WATER TANK REHABILITATION	0	0	0	0	0	29,000	0	0
Total Operating expense	347,214	354,236	205,915	282,000	0	288,000	0	
Total Income From Operations:	36,321	38,393	125,547	76,000	0	474,000	0	
Non-Operating Items:								
Non-operating income								
30400 SALE OF MATERIALS	0	651	0	0	0	0	0	0
30550 STATE GRANTS	853,525	973,268	0	0	0	0	0	0
30600 INVESTMENT INCOME	750	548	0	0	0	0	0	0
30700 WATER IMPACT FEES	11,000	8,000	15,000	5,000	0	8,000	0	0
30750 CDBG LOAN - WATER TANK REHABILITATION	0	0	154,714	0	0	0	0	0
30800 MISCELLANEOUS REVENUE - W.P.	3,189	5,343	7,760	5,000	0	5,000	0	0
30950 TRANSFER FROM GENERAL FUND - LIGHTS	0	64,500	0	0	0	0	0	0
40890 Benefit expense due to pensions	13,775	6,537	0	0	0	0	0	0
Total Non-operating income	882,239	1,058,847	177,474	10,000	0	13,000	0	
Non-operating expense								
40810 PRINCIPAL ON BONDS	0	0	77,000	76,000	0	77,000	0	0
40820 INTEREST ON BONDS	11,535	9,161	7,433	10,000	0	10,000	0	0
40830 IMPACT FEES	0	5,339	4,909	0	0	0	0	0
40840 WATER TANK REHABILITATION	0	0	0	0	0	171,000	0	0
40845 CDBG LOAN - WATER TANK REHABILITATION	0	0	0	0	0	200,000	0	0
40891 Pension expense due to pensions	14,945	0	0	0	0	0	0	0

Panguitch City
Budgeting Worksheet
51 Water Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
40915 TRANSFER TO SEWER FUND	0	0	0	0	0	29,000	0	
Total Non-operating expense	26,480	14,500	89,342	86,000	0	487,000	0	
Total Non-Operating Items:	855,759	1,044,347	88,132	(76,000)	0	(474,000)	0	
Total Income or Expense	892,080	1,082,740	213,679	0	0	0	0	

Panguitch City
Budgeting Worksheet
52 Sewer Fund - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

Income or Expense	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
Income From Operations:								
Operating income								
30100 SEWER OPERATIONS	279,415	286,457	243,590	277,000	0	280,000	0	
30200 SEWER CONNECT FEES	8,000	6,000	10,000	6,000	0	6,000	0	
Total Operating income	287,415	292,457	253,590	283,000	0	286,000	0	
Operating expense								
40110 SALARIES AND WAGES	49,929	57,641	44,601	36,000	0	32,000	0	
40130 EMPLOYEE BENEFITS	20,456	21,841	17,661	24,000	0	21,000	0	
40240 OFFICE EXPENSE & SUPPLIES	1,832	2,027	2,146	2,000	0	3,000	0	
40250 EQUIPMENT - SUPPLIES & MAINT	173	0	0	0	0	0	0	
40270 UTILITIES	4,044	4,729	2,824	6,000	0	6,000	0	
40280 TELEPHONE	1,352	447	522	1,500	0	2,000	0	
40510 INSURANCE	1,500	348	0	1,500	0	2,500	0	
40610 MISCELLANEOUS SUPPLIES	6,744	2,769	11,918	4,000	0	10,000	0	
40620 MISCELLANEOUS SERVICES	5,441	4,037	648	3,000	0	4,000	0	
40650 DEPRECIATION	136,302	136,302	0	0	0	0	0	
40740 SEWER LINE - CLEANING	10,000	10,003	0	10,000	0	13,500	0	
40750 MASTER PLAN	0	15,273	0	0	0	0	0	
40805 IMPACT FEES	0	6,456	3,187	0	0	0	0	
Total Operating expense	237,773	261,873	83,507	88,000	0	94,000	0	
Total Income From Operations:	49,642	30,584	170,083	195,000	0	192,000	0	
Non-Operating Items:								
Non-operating income								
30300 IMPACT FEES - SEWER	10,000	9,000	16,250	5,000	0	8,000	0	
40890 Benefit expense due to pensions	6,785	0	0	0	0	0	0	
Total Non-operating income	16,785	9,000	16,250	5,000	0	8,000	0	
Non-operating expense								
40810 DEBT SERVICE - PRINCIPAL	0	0	113,450	150,000	0	150,000	0	
40820 DEBT SERVICE - INTEREST	34,169	41,212	18,321	50,000	0	50,000	0	
40891 Pension expense due to pensions	7,362	7,337	0	0	0	0	0	
Total Non-operating expense	41,531	48,549	131,771	200,000	0	200,000	0	
Total Non-Operating Items:	(24,746)	(39,549)	(115,521)	(195,000)	0	(192,000)	0	
Total Income or Expense	24,896	(8,965)	54,562	0	0	0	0	

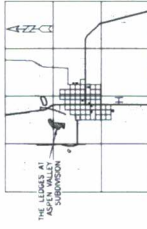
Panguitch City

Budgeting Worksheet

95 General Long-Term Debt - 07/01/2021 to 06/30/2022
100.00% of the fiscal year has expired

	2019 Actual	2020 Actual	2021 Actual	2021 Budget	2022 Actual	Original Budget	Revised Budget	Worksheet Notes
Change In Net Position								
Expenditures:								
General government								
Administrative								
44990 Admin Benefit/Pension expense (GASB 68)	2,849	1,833		0	0	0	0	0
Total Administrative	<u>2,849</u>	<u>1,833</u>		0	0	0	0	0
Total General government	2,849	1,833	0	0	0	0	0	0
Total Expenditures:	<u>2,849</u>	<u>1,833</u>	0	0	0	0	0	0
Total Change In Net Position	<u>(2,849)</u>	<u>(1,833)</u>	0	0	0	0	0	0

WITHIN SECTIONS 20 & 29, T. 34 S., R. 5 W., 5LB&M



VICINITY MAP
PANGUITCH, UTAH
NO SCALE



ENTRADA HOLDINGS GROUP, LLC
FUTURE DEVELOPMENT

NOTE: CONTOUR INTERVALS ARE TWO FOOT.

ENTRADA HOLDINGS GROUP, LLC
FUTURE DEVELOPMENT

PANGUITCH CREEK

ENTRADA HOLDINGS GROUP, LLC
FUTURE DEVELOPMENT

PLATT  **PLATT, INC.**



THE LEDGES AT ASPEN VALLEY
CHAIRLIFT TRAIL FOR
ASPEN VALLEY ESTATES PHASE 2

Farm Experience

Farm Stays and Mini Farm Store

Legend









PO Box 75 Panguitch, UT 84759 435-676-8585 panguitchcity@gmail.com

In accordance with the Panguitch Zoning Ordinance, individuals desiring to have a conditional use permit, or a home occupation permit, or a variance.

It is necessary for all neighbors **within 300 feet of the exterior boundaries of your property** to be made aware of this type of request.

NAME: ENTRADA ADDRESS: _____ Date 5-2021

EMAIL: _____ PHONE: _____

Is making application to have (Explain in detail) FARM EXPERIENCE

If this application is for animals: state number of animals, type of animal and approximant square footage of land being used. (No barn or coop shall be constructed closer than 50 to the nearest street or dwelling. One cow or one horse for each 10,000 square feet or one sheep for each 4,000 square feet. Pigs, billy goats, mink and other dangerous animals are not allowed.)

If this application is for a vacation rental, is there more than one structure on the premises? Y/N

If yes describe the secondary structure MULTIPLE SMALL FARMHOUSES

Located at DAVE DODDS FARM

It is not necessary that you approve; it is important that you sign this statement indicating that you are aware of the proposed request.

Signatures:

Comments if any:

Charles Cant

John Allen

John Orton

Baby Service

I Don't like it.

K & D Forest Products, Inc.

175 North 800 West

PO Box 312

Panguitch, UT 84759

Phone: (435) 676-8194

Email: kdforest@color-country.net

May 19, 2021

Panguitch City
Panguitch, UT 84759

Panguitch City:

K & D Forest Products would like to purchase the 3.65 acres on the northwest side adjoining our property for \$12,000. All of the ground is not usable because of the wash. We have purchased some additional equipment, and will need the extra area to expand.

We appreciate your consideration in this matter. Any questions or concerns, please contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kevin Frandsen".

Kevin Frandsen

FLOW MAG METER

To provide both accurate daily flow measurements in addition to providing useful instantaneous flow readings to verify the pumps are operating as designed, a flow mag meter is recommended to be installed on the discharge piping from the lift station. Parshall flumes are typically used where there is gravity flow, but several conditions can cause incorrect readings such as the flume not being level, sediment deposition on the flume, and high flows exceeding the measurable range. Therefore, a mag meter housed in a manhole is recommended as a double check to flow readings and help verify the pumps are sized to handle incoming flows. The estimated construction cost to install the meter is \$41,000. This does not include engineered plans if required.

WATER CONSERVATION EFFORTS

Where flows collected by the system appear to be higher than typical, water conservation efforts are recommended to help reduce the amount of wastewater that enter the systems. This will both decrease cost to the culinary water system as much as the sewer system. This can be accomplished by educating the public on the impacts to the culinary and wastewater system of excessive water usage.

FORCE MAIN TO SECONDARY CELL

The force main discharges into the primary cell which can then pass flows into the secondary cell via a transfer gate. Where the lagoons are 25 years old the primary is likely needed to be drained and standing sludge removed. The existing piping setup does not allow for inflows to be diverted directly into the secondary cell. The installation of a tee on the force main with two gate valves to allow flows to be diverted in the secondary cell is recommend. The estimated construction cost to install the force main diverting into the secondary cell is \$109,000.

UPSIZING SOUTHEAST PIPELINE TO 10" OR LIFT STATION

The existing 8" trunk line is nearing capacity and if development does occur in the southwest collection area serviced by this pipeline this will need to be upsized. As shown in Figure 6 5 this existing trunk line would need to be upsized to 10-inch diameter pipe to provide sufficient capacity. The cost to upsize this line is estimated at \$259,000. If the City chooses to provide the new mainline as shown in the exhibit all the way up 710 East there would be an additional cost of \$405,000 and have a total construction cost of \$664,000. The other option that was mentioned was a lift station which is estimated to cost \$1,469,000 and would not require the main line to be upsized. This cost for the lift station includes the gravity line up 710 East and a force main crossing at U.S. 89 to the sewer lagoons.

The Zubras are getting some chickens for our backyard. This is to inform you of that. Please sign, thank you!

1. KANGAROO
2. Bruce cult 13
3. KADEN HALL

Signed on 4/12/2021

Michelle Zubra
Uziel Zubra