#### WASTEWATER PLAN NOTES

THE CONTRACTOR SHALL NOTIFY COLORADO SPRINGS UTILITIES' INSPECTIONS OFFICE (NORTH: 668-4396 OR SOUTH: 668-4658) A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

#### **GENERAL:**

- 1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET COLORADO SPRINGS UTILITIES' WASTEWATER LINE EXTENSION AND SERVICE STANDARDS (WASTEWATER STANDARDS).
- 2. THE CONTRACTOR SHALL OBTAIN LOCATES PRIOR TO ANY EXCAVATION.
- 3. COLORADO SPRINGS UTILITIES DOES NOT GUARANTEE THE ACCURACY OF LOCATIONS OF EXISTING PIPELINES, MANHOLES AND SERVICE LINES. IF FIELD CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE INSPECTOR AND THE ENGINEER OF RECORD IMMEDIATELY.
- 4. NO TREES OR STRUCTURES ARE PERMITTED WITHIN FIFTEEN FEET (15') OF A WASTEWATER MAIN.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY FACILITIES AS A RESULT OF HIS ACTIONS. THE CONTRACTOR SHALL MAKE ALL THE REQUIRED REPAIRS IMMEDIATELY TO THE SATISFACTION OF COLORADO SPRINGS UTILITIES.
- 6. ALL FIELD STAKING SHALL COMPLY WITH THE WASTEWATER STANDARDS.
- 7. THE CONTRACTOR SHALL ENSURE THAT WASTEWATER SERVICE TO ADJACENT PROPERTIES IS MAINTAINED DURING CONSTRUCTION.
- 8. ALL MANHOLES LOCATED WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO FINISH GRADE. IF MANHOLES ARE IN POOR CONDITION OR IF THE DISTANCE BETWEEN THE RING/COVER AND CONE OF THE MANHOLE EXCEEDS THE WASTEWATER STANDARDS, THE CONTRACTOR MAY BE REQUIRED TO REPLACE PART OR ALL OF THE EXISTING MANHOLES.
- 9. REUSE OR SALVAGE OF ANY MATERIAL IS LEFT TO THE DISCRETION OF THE COLORADO SPRINGS UTILITIES INSPECTOR.
- 10. ALL TRENCH BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS MANUAL.

#### WASTEWATER PROJECT—SPECIFIC NOTES:

CORROSION PROTECTION IS REQUIRED FOR ALL DUCTILE IRON PIPE. ALL PROTECTION SHALL COMPLY WITH THE WASTEWATER STANDARDS.

THIS PROJECT IS CONNECTING TO AN EXISTING MANHOLE. A MANHOLE ASSESSMENT HAS BEEN COMPLETED FOR THIS PROJECT. THE FOLLOWING CHECKED ITEMS ARE REQUIRED:

> THE CONTRACTOR SHALL PROVIDE A BYPASS PUMPING PLAN FOR APPROVAL BY COLORADO SPRINGS UTILITIES AND COMPLY WITH ALL THE REQUIREMENTS THEREIN.

REPAIR THE EXISTING MANHOLE (REFER TO PLAN AND PROFILE FOR REQUIREMENTS). REPLACE THE EXISTING MANHOLE (REFER TO PLAN AND PROFILE

FOR REQUIREMENTS.

MANHOLES ARE BEING ABANDONED, THE CONTRACTOR SHALL:

· PLUG THE "IN" AND "OUT" INVERTS WITH A WATERTIGHT MECHANICAL PLUG AND GROUT WITH APPROVED MATERIAL.

\*REMOVE AND DISPOSE OF THE CONE SECTION.

REMOVE THE RING AND COVER AND RETURN THEM TO COLORADO SPRINGS

• FILL THE MANHOLE WITH APPROVED MATERIAL.

WASTEWATER MAINS EXISTS UNDERNEATH A PROPOSED STRUCTURE,

REMOVE IT

GROUT IT FULL

WASTEWATER MAIN TO BE ABANDONED EXISTS WITHIN RIGHT-OF-WAY, THE CONTRACTOR SHALL:

☐ REMOVE IT

GROUT IT FULL

PIPELINES LESS THAN 1.04% GRADE ARE PROPOSED. THE CONTRACTOR SHALL COMPLY WITH THE ADDITIONAL REQUIREMENTS AS SPECIFIED WITHIN THE WASTEWATER STANDARDS.

THIS PROJECT IS UTILIZING EXISTING WASTEWATER STUB(S) IN AN "AS-IS" CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE STUB(S), CONNECTION, AND SUBSEQUENT EXTENSION MEET ALL CURRENT WASTEWATER STANDARDS AND DO NOT HAVE ANY DEFECTS.

COLORADO SPRINGS UTILITIES DOES NOT GUARANTEE THE ACCURACY OF THE DEPTH, LOCATION, OR CONDITION OF ANY EXISTING STUB(S) SHOWN ON ANY "AS CONSTRUCTED" DRAWINGS. FURTHER, THE EXISTING STUB SHALL

BE INCLUDED IN THE TWO-YEAR WARRANTY PERIOD FOR THIS PROJECT.

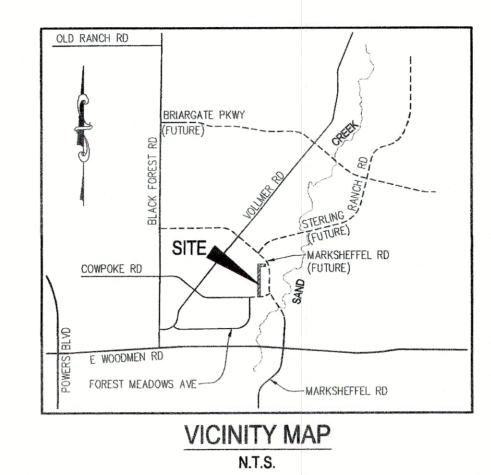
A WASTEWATER STUB OR STUBS ARE PROPOSED WITH THIS PROJECT. COLORADO SPRINGS UTILITIES WILL INSPECT THE CONSTRUCTION BUT DOES NOT GUARANTEE THAT THE DESIGN OR INSTALLATION OF THE PROPOSED STUB(S) WILL MEET FUTURE DEVELOPMENT REQUIREMENTS. FURTHER, THE PROPOSED STUB(S) WILL NOT BE INCLUDED IN THE TWO-YEAR WARRANTY PERIOD FOR THIS PROJECT AND WILL NOT BE ACCEPTED OR OWNED BY

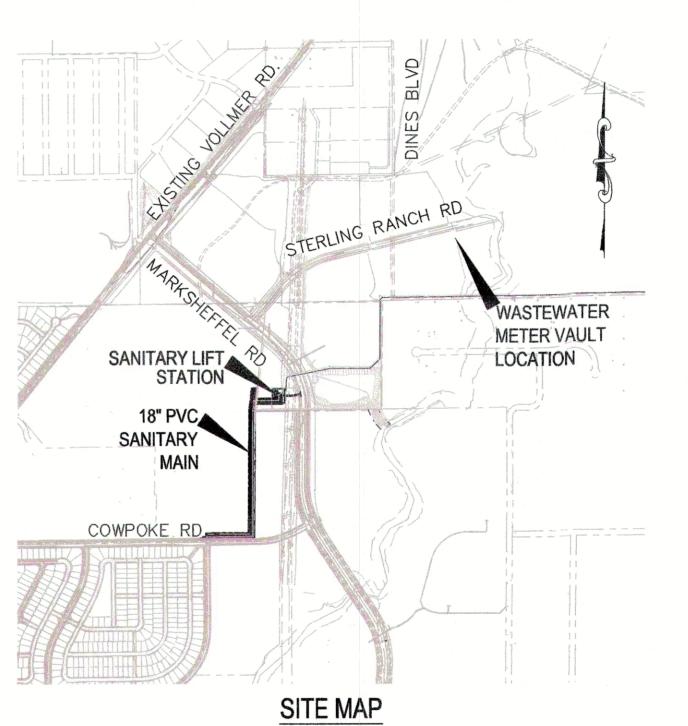
COLORADO SPRINGS UTILITIES.

# STERLING RANCH - SANITARY INFRASTRUCTURE

# COUNTY OF EL PASO, STATE OF COLORADO 18" PVC SANITARY SEWER

**AUGUST 2019** 





### **BENCHMARKS**

1. THE TOP OF AN ALUMINUM SURVEYORS CAP, STAMPED "9853", AT THE SOUTHEAST BOUNDARY CORNER OF BARBARICK SUBDIVISION NORTHING = 411416.273

EASTING = 235167.071ELEVATION = 7023.42

2. THE TOP OF A RED PLASTIC SURVEYORS CAP, ILLEGIBLE,

AT THE NORTHWEST BOUNDARY CORNER OF PAWNEE RANCHEROS SUBDIVISION

NORTHING = 410095.404EASTING = 235052.131

ELEVATION = 7000.40

3. THE TOP OF A RED PLASTIC SURVEYORS CAP, STAMPED "38141", AT THE SOUTHWEST BOUNDARY CORNER OF BARBARICK SUBDISION

NORTHING = 411399.962

EASTING = 233849.817

ELEVATION = 7030.82

FMS MAP NO. Q-19, Q-20, R-19 TAX SCHEDULE# 5300000222, 5300000173, 5233000013 PRESSURE ZONE N/A MAX STATIC PRESSURE N/A UDCF NO N/A UAP FILE NO N/A DEV. PLAN NO.\_\_ APPROVAL DATE: N/A PLAT NAME N/A PLAT REC NO\_\_\_\_N/A\_ EASMT REC. NO 219100021 EASMT REC. NO 219100022 EASMT REC. NO 219100023 EASMT REC. NO 219100024

#### SHEET INDEX

SHEET 1 TITLE SHEET

SHEET 2 SITE PLAN

SHEET 3 18" PVC SANITARY PLAN & PROFILE SHEET 4 18" PVC SANITARY PLAN & PROFILE

N.T.S.

#### CONSTRUCTION APPROVAL

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATION WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THESE DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUALS VOLUME 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

ON BEHALF OF THE COUNTY ENGINEER/ECM ADMINISTRATOR

DATE

#### **AGENCIES**

CIVIL ENGINEER:

**ENGINEERING DIVISION:** 

TRAFFIC ENGINEERING:

SR SEWER, LLC 20 BOULDER CRESCENT, SUITE 201 COLORADO SPRINGS, CO 80903

JIM MORLEY (719) 471-1742 M & S CIVIL CONSULTANTS, INC.

> 102 E. PIKES PEAK AVE, STE 500 COLORADO SPRINGS, CO 80903

VIRGIL A. SANCHEZ P.E. (719) 955-5485

CITY OF COLORADO SPRINGS

30 S. NEVADA AVE., SUITE 401 COLORADO SPRINGS, CO 80903

PATRICK MORRIS (719) 385-5075

CITY OF COLORADO SPRINGS 30 S. NEVADA AVE., SUITE 401

COLORADO SPRINGS, CO 80903 ZAKER ALAZZEH, P.E. (719) 385-5468

COLORADO SPRINGS UTILITIES DEVELOPMENT SERVICES:

1521 HANCOCK EXPRESSWAY COLORADO SPRINGS, CO 80903 MIKE GACKLE (719) 668-8262

GAS DEPARTMENT:

COLORADO SPRINGS UTILITIES 7710 DURANT DR. COLORADO SPRINGS, CO 80947 TIM WENDT (719) 668-3556

ELECTRIC DEPARTMENT

COLORADO SPRINGS UTILITIES 7710 DURANT DR. COLORADO SPRINGS, CO 80920 SARAH LABARRE (719) 668-4933

COMMUNICATIONS: **OWEST COMMUNICATIONS** 

> (U.N.C.C. LOCATORS) (800) 922-1987 AT&T (LOCATORS) (719) 635-3674

#### OWNER/DEVELOPER PLAN APPROVAL

THE UNDERSIGNED OWNER/DEVELOPER AGREES THAT THEY SHALL, AT THEIR EXPENSE, BE SOLELY RESPONSIBLE FOR 1) THE INSTALLATION OF THE PROPOSED UTILITY INFRASTRUCTURE IN ACCORDANCE WITH THESE PLANS, AND 2) ALL DAMAGES AND DEFECTS ARISING FROM, OR RELATED TO, THE INSTALLATION, MAINTENANCE OR OPERATION OF THE PUBLIC UTILITY INFRASTRUCTURE FROM THE DATE OF PRELIMINARY ACCEPTANCE FOR A PERIOD OF TWO YEARS, OR UNTIL FINAL ACCEPTANCE, WHICHEVER

THE UNDERSIGNED UNDERSTANDS THAT ALL PRIVATE UTILITY INFRASTRUCTURE, AS INDICATED ON THESE PLANS, SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE MAINTAINED BY THE OWNER, AS REQUIRED BY COLORADO SPRINGS UTILITIES' LINE EXTENSION AND SERVICE STANDARDS.

PUBLIC FACILITIES PROPOSED

PRIVATE FACILITIES PROPOSED

SIGNED OWNER/DEVELOPER

OWNER/DEVELOPER (PRINT NAME)

ADDRESS: SR SEWER, LLC 20 BOULDER CRESCENT, SUITE 201

COLORADO SPRINGS, CO 80903

(719) 471-1742

## DISTRICT APPROVALS

THE STERLING RANCH METROPOLITAN DISTRICT RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN AND HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

STERLING RANCH METROPOLITAN DISTRICT

IN CASE OF ERRORS OR OMISSIONS WITH THE WATER DESIGN AS SHOWN ON THIS DOCUMENT THE STANDARS AS DEFINED IN THE "RULES AND REGULATIONS FOR INSTALLATION OF WASTEWATER MAINS AND SERVICES"

STERLING RANCH - SANITARY INFRASTRUCTURE 18" PVC SANITARY MAIN

COLORADO SPRINGS UTILITIES WASTEWATER PLAN APPROVAL

NOT BEGIN DURING THIS PERIOD.

WORK ORDER NUMBER: 3479903 PROJECT NUMBER: 2019-S069 CSU SHEET OF \_\_\_\_OF\_\_\_\_

APPROVAL EXPIRES ONE (1) YEAR FROM THE DATE ABOVE. RESUBMITTAL OF

THESE PLANS FOR REVIEW AND APPROVAL IS REQUIRED IF CONSTRUCTION DOES

& MARKING GAS, ELECTRIC, WATER & TELEPHONE FOR BURIED UTILITY INFORMATION

48 HRS BEFORE YOU DIG CALL 1-800-922-1987

SEWER SANITARY

INFRASTRUCTUR

RANCH-00 Managema STERLING





