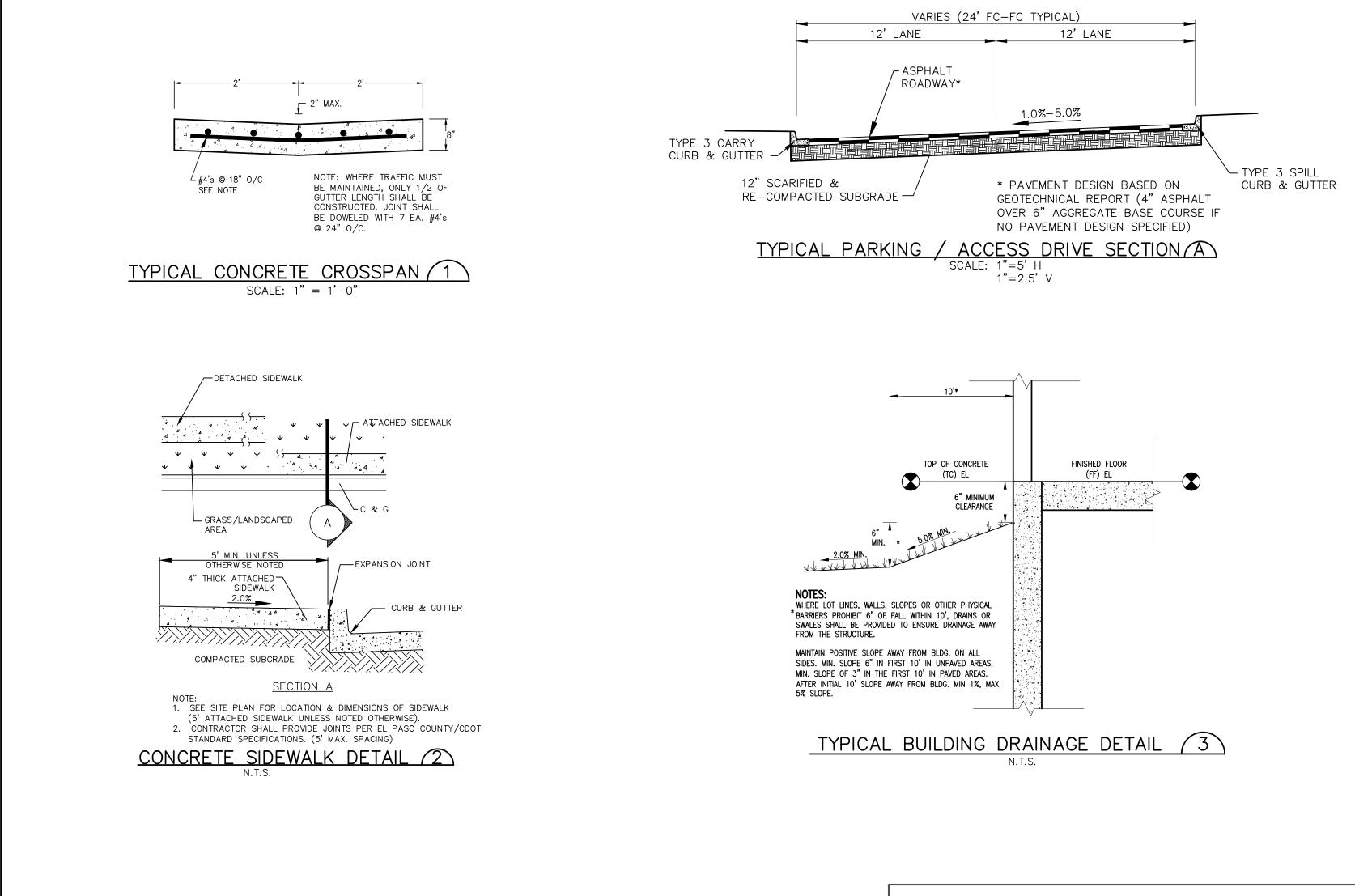
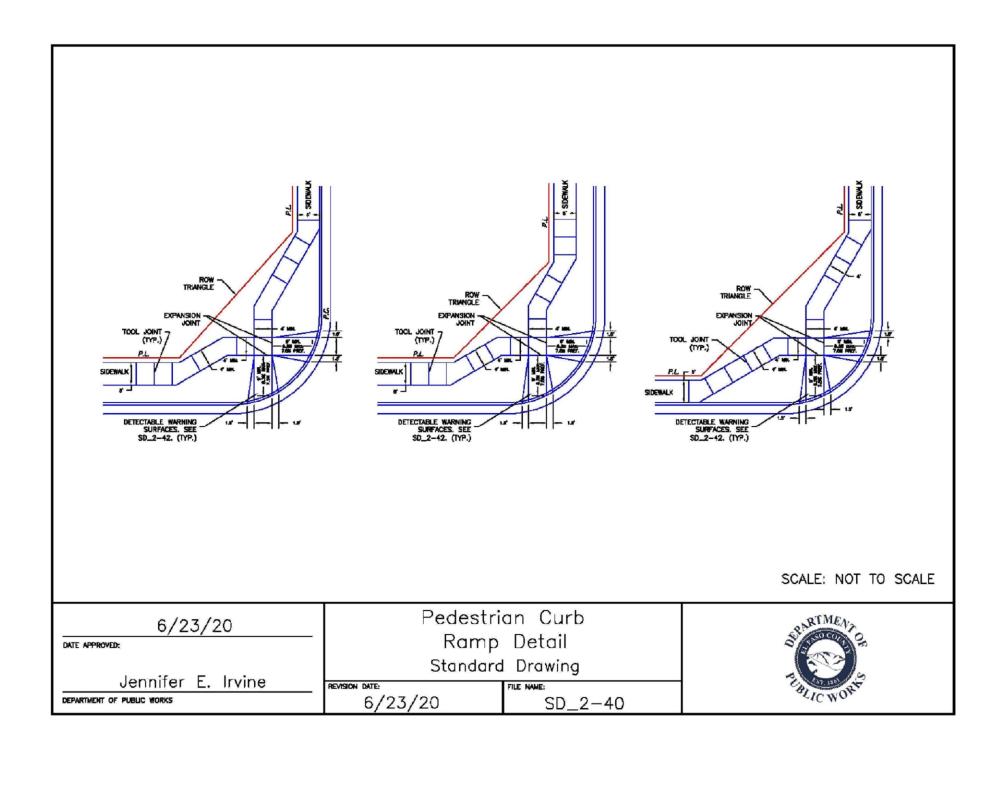
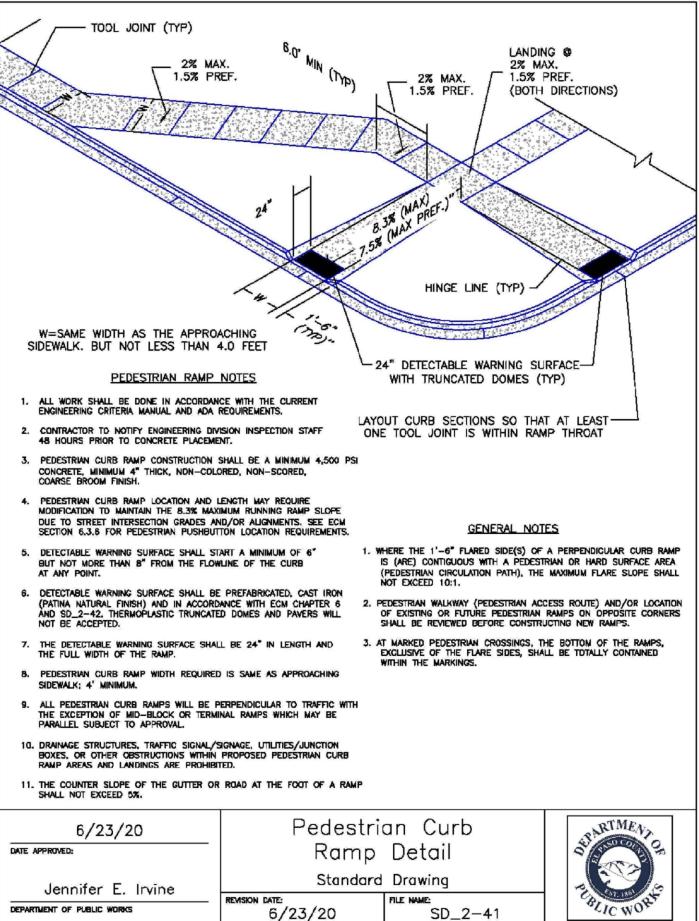


POP POPERTY LINE POPOPSEI O MULCH POPO	י נ ד ד ד ד	REVIEND BY DATE BY EVALUATION COLORADO CALL JUNCTION AX: J19-477-9429 AX: J19-471-0766 MARKING OF COLORADO CALL 2-BUSINESS DAYS IN ADVANCE CALL 3-BUSINESS D
CRITERIA MANUAL VOLUME 1 AND 2 AS AMENDED.	WAREHOUSE BUILDING LOT 2, BLOCK 1, CIMA	GRADING AND Mo   GRADING AND Ma   CONTROL PLAN Ma
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 ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS 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 MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED. IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THEY WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION. JOSHUA PALMER, P.E., COUNTY ENGINEER / ECM ADMINISTRATOR	SURVEYED: RIDGEL CREATED: 10/05/ PROJECT NO: 062 SHEET:	I/A DESIGNED: JPS INE CHECKED: JPS LAST MODIFIED: /22 04/28/23 MODIFIED BY:







# **GENERAL CIVIL NOTES**

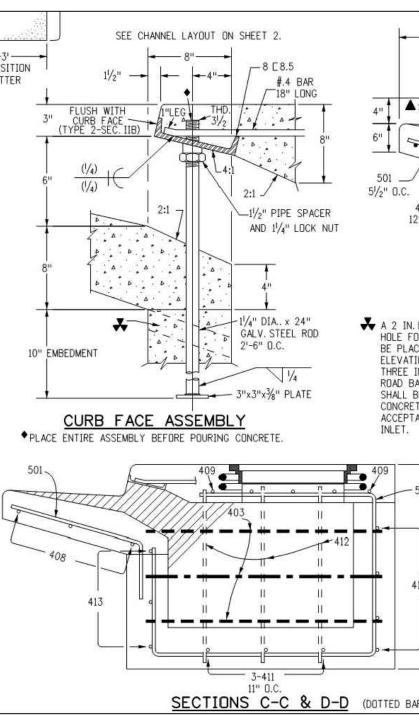
- 1. ALL CONSTRUCTION SHALL MEET THE FOLLOWING STANDARDS & SPECIFICATIONS \* INTERNATIONAL BUILDING CODE, LATEST EDITION ADOPTED BY LOCAL JURISDICTION \* PIKES PEAK REGIONAL BUILDING CODE, LATEST EDITION. \* EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM), LATEST EDITION. \* PROJECT GEOTECHNICAL REPORT.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD LOCATION OF ALL EXISTING
- A. EL PASO COUNTY ENGINEERING CRITERIA MANUAL B. CHEROKEE METROPOLITAN DISTRICT STANDARD SPECIFICATIONS
- PIPES ARE TO CENTER OF MANHOLE.
- FILL MATERIAL FOUND WITHIN THE LIMITS OF EXCAVATION.
- FINE GRADING IS COMPLETE ("FOOTHILLS SEED MIX").

- OF CONSTRUCTION AND EARTHWORK ACTIVITIES WITHIN THE PROJECT SITE.
- SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
- GEOTECHNICAL REPORT AND CITY\*SPECIFICATIONS. \*EI Paso County

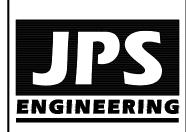
- 18. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO BEGINNING WORK.
- WORKS FOR ALL WORK IN THE RIGHT OF WAY.

#### HANDICAP ACCESS NOTES:

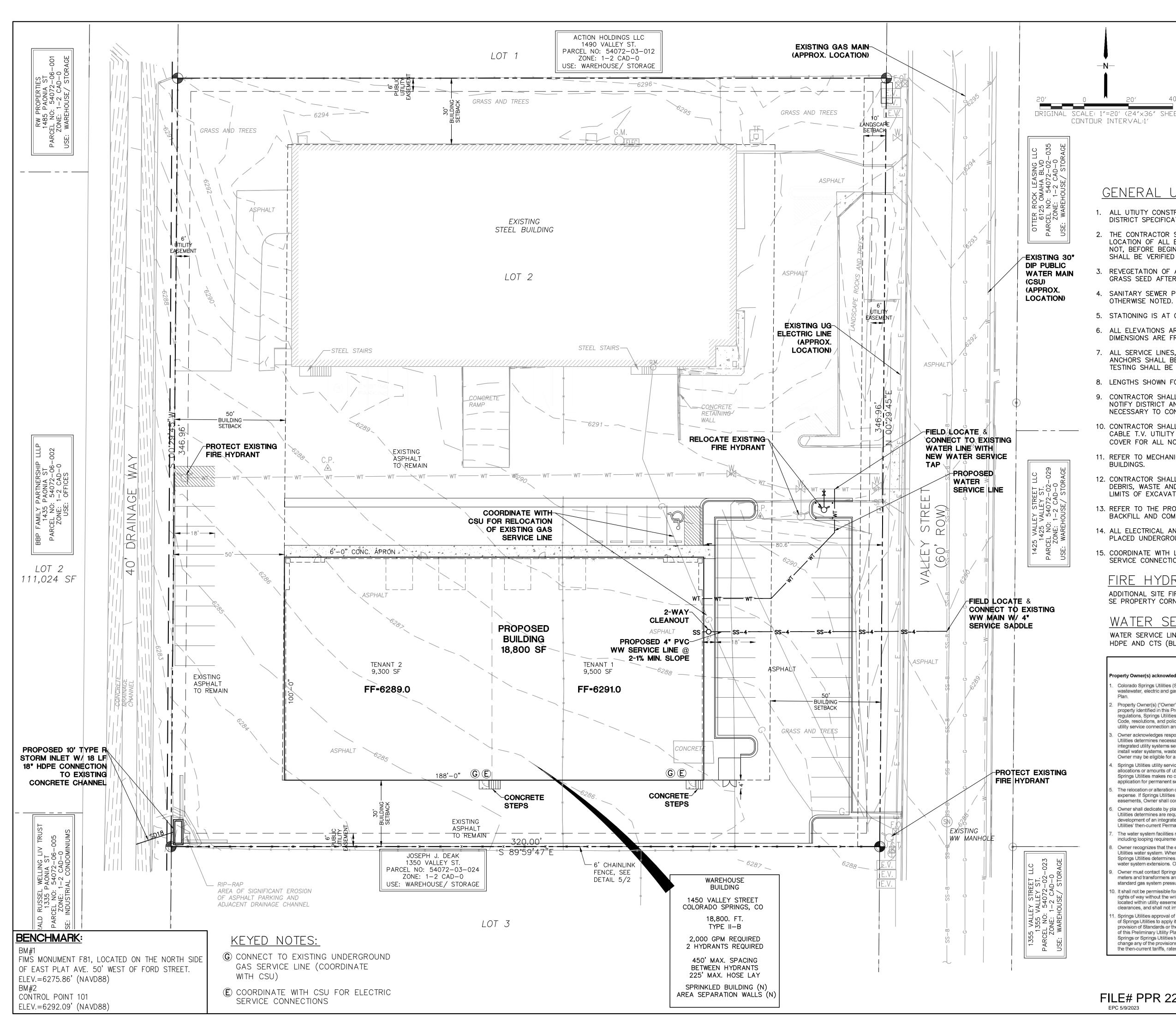
- 1. RAMPS ARE NOT TO BE PLACED IN HANDICAP ACCESS AISLES.
- 2. ACCESS AISLES MAY NOT EXCEED A 2% (1:48) SLOPE IN ANY DIRECTION. 3. HANDICAP RAMPS MAY NOT EXCEED A SLOPE OF 8% (1:12).
- NOT EXCEED A SLOPE OF 10% UNLESS PROTECTED WITH A HANDRAIL.



#### UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF Colorado Springs, CO 80903 EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION. PH: 719-477-9429 3. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THESE APPROVED PLANS AND ACCESS TO THE FAX: 719-471-0766 APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES: www.jpsengr.com 4. STORM DRAIN PIPE SHALL BE RCP CLASS III WITH CLASS C BEDDING UNLESS OTHERWISE NOTED. $\mathbf{\Gamma}$ 5. STATIONING IS AT CENTERLINE UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE AT FLOWLINE UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE FROM FACE OF CURB UNLESS OTHERWISE NOTED. LENGTHS SHOWN FOR STORM SEWER S N 6. CONTRACTOR SHALL COORDINATE WITH GAS, ELECTRIC, TELEPHONE AND CABLE T.V. UTILITY SUPPLIERS FOR INSTALLATION OF ALL UTILITIES. MINIMUM COVER FOR ALL DRY UTILITIES SHALL BE 36". 7. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, DEBRIS, WASTE AND OTHER UNSUITABLE O Ζ 8. MATCH INTO EXISTING GRADES AT 3:1 MAX CUT AND FILL SLOPES. Ш 9. REVEGETATION OF ALL DISTURBED AREAS SHALL BE DONE WITH 4" TOPSOIL AND DRY LAND GRASS SEED AFTER A 10. EROSION CONTROL SHALL CONSIST OF SILT FENCE AND HAY BALES AS SHOWN ON THE DRAWING, AND TOPSOIL WITH GRASS SEED, WHICH WILL BE WATERED UNTIL VEGETATION HAS BEEN RE-ESTABLISHED. 11. THE EROSION CONTROL MEASURES OUTLINED ON THIS PLAN ARE THE RESPONSIBILITY OF THE CONTRACTOR TO MONITOR AND REPLACE, REGRADE, AND REBUILD AS NECESSARY UNTIL VEGETATION IS RE-ESTABLISHED. $\geq$ 12. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES IN A MANNER THAT WILL PROTECT ADJACENT S PROPERTIES AND PUBLIC FACILITIES FROM THE ADVERSE EFFECTS OF EROSION AND SEDIMENTATION AS A RESULT O 13. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED BY SITE CONDITIONS. þ S 14. THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND ANY 4 15. ALL BACKFILL, SUB-BASE, AND/OR BASE COURSE MATERIAL SHALL BE COMPACTED PER THE PROJECT O 16. CONCRETE USED IN CURB AND GUTTER, SIDEWALK, AND CROSSPAN CONSTRUCTION SHALL MEET CHTY\*CRITERIA. 17. ALL FINISHED GRADES SHALL HAVE A MINIMUM 1.0% SLOPE TO PROVIDE POSITIVE DRAINAGE. (Г ſ -7 19. CONTRACTOR SHALL OBTAIN A WORK IN RIGHT OF WAY PERMIT FROM EI PASO COUNTY DEPARTMENT OF PUBLIC 5 **S** 4. THE MINIMUM WIDTH FOR HANDICAPPED RAMPS IS 36 INCHES. THE SIDES OF RAMPS MAY m 5. HANDICAPPED PARKING SHALL MEET ALL OTHER APPLICABLE CITY AND ADA CODE REQUIREMENTS. O S m C N SLOPE 2% TO GUTTER 11/4" R - 409. 8 D.C SLOPE = 1"/FT Z O — 2" CLR. REQ'D. FOR Ω H ≥ 3'-6" 503 -K 51/2" O.C. 408 S 12" O.C. S 6" MAX 3" CLR. 3 8" WALL (TYP.)----8" WING F 0 407 ⊢ 9" 0.C. Ζ A 2 IN. DIAMETER TEMPORARY 3 HOLE FOR DRAINAGE SHALL BE PLACED AT SUBGRADE 11" O.C. LEVATION OR A MINIMUM THREE INCHES BELOW ROAD BASE. THE HOLE Ш Z SHALL BE PLUGGED WITH CIV CONCRETE BEFORE ACCEPTANCE OF THE ?" ALL AROUND . . . . . - 406 405 — 3" CLR. 6" D.C. 6" D.C. SECTION B-B O REGI END VIEW ORZ. SCALE: DRAWN: N/A /ert. scale DESIGNED NOTE: MANHOLE RING AND COVER, STATION POINT 3/28/23 N/A AND DUTFLOW PIPE SHALL BE LOCATED 29891 AT THE SAME END OF THE INLET. IRVEYED: HECKED WATTS 10/05/22 L ROJECT NO: SECTIONS C-C & D-D (DOTTED BARS ARE IN SECTION D-D) 062201 **CDOT INLET TYPE R DETAIL** SHEET: C1.2FILE# PPR 2258 EPC 5/9/2023



19 E. Willamette Ave.





# VICINITY MAP

# GENERAL UTILITY NOTES:

- 1. ALL UTIUTY CONSTRUCTION SHALL CONFORM TO CHEROKEE METROPOLITAN DISTRICT SPECIFICATIONS.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD LOCATION OF ALL EXISTING UTILITIES, WEATHER SHOWN ON THE PLAN OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION.
- 3. REVEGETATION OF ALL DISTURBED SLOPES SHALL BE DONE WITH DRY LAND GRASS SEED AFTER FINE GRADING IS COMPLETE.
- 4. SANITARY SEWER PIPE SHALL BE PVC ASTM 03034-SDR35 UNLESS OTHERWISE NOTED.
- 5. STATIONING IS AT CENTERLINE UNLESS OTHERWISE NOTED.
- 6. ALL ELEVATIONS ARE AT FLOWLINE UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE FROM FACE OF CURB UNLESS OTHERWISE NOTED.
- 7. ALL SERVICE LINES, TRENCH BEDDING, THRUST BLOCKS AND REVERSE ANCHORS SHALL BE INSTALLED PER SACWSD STANDARDS. DISINFECTION AND TESTING SHALL BE COMPLETED PER SACWSD SPECIFICATIONS.
- 8. LENGTHS SHOWN FOR STORM SEWER PIPES ARE TO CENTER OF MANHOLE.
- 9. CONTRACTOR SHALL MAKE WATER CONNECTIONS WITHOUT SHUTDOWN OR NOTIFY DISTRICT AND AFFECTED RESIDENTS OF ANY SERVICE SHUTDOWNS NECESSARY TO CONNECT TO EXISTING LINES.
- 10. CONTRACTOR SHALL COORDINATE WITH GAS, ELECTRIC, TELEPHONE AND CABLE T.V. UTILITY SUPPLIERS FOR INSTALLATION OF ALL UTILITIES. MINIMUM COVER FOR ALL NON-CITY UTILITIES SHALL BE 36".
- 11. REFER TO MECHANICAL DRAWINGS FOR EXTENSION OF UTILITIES INTO BUILDINGS.
- 12. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, DEBRIS, WASTE AND OTHER UNSUITABLE FILL MATERIAL FOUND WITHIN THE LIMITS OF EXCAVATION.
- 13. REFER TO THE PROJECT GEOTECHNICAL REPORT & DISTRICT STANDARDS FOR BACKFILL AND COMPACTION SPECIFICATIONS.
- 14. ALL ELECTRICAL AND OTHER DRY UTILITIES SERVING THIS SITE MUST BE PLACED UNDERGROUND PER THE LAND DEVELOPMENT CODE.
- 15. COORDINATE WITH LOCAL UTILITIES FOR ELECTRIC, GAS & TELEPHONE SERVICE CONNECTIONS.

FIRE HYDRANT NOTE:

ADDITIONAL SITE FIRE HYDRANT IS LOCATED APPROXIMATELY 180' EAST OF SE PROPERTY CORNER OF THIS SITE

## WATER SERVICE NOTE:

WATER SERVICE LINE TO BE NON-COPPER. ACCEPTABLE MATERIALS INCLUDE HDPE AND CTS (BLUE)

### General Notes for Preliminary Utility Plans

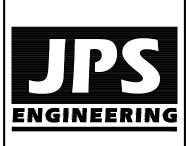
- Property Owner(s) acknowledge and agree to the following upon approval of Preliminary Utility Plan: Colorado Springs Utilities (Springs Utilities) shall make the final determination of the location of all water, wastewater, electric and gas facilities, which may not be the same location as shown on this Preliminary Utilit
- Property Owner(s) ("Owner") acknowledges that the connection and/or extension of utility services to the property identified in this Preliminary Utility Plan ("Property") shall be in accord with all applicable codes and regulations, Springs Utilities Line Extension & Service Standards ("Standards"), Tariffs, Colorado Springs City Code, resolutions, and policies, and Pikes Peak Regional Building Department codes, in effect at the time of utility service connection and/or extension.
- Owner acknowledges responsibility for the costs of extensions or utility system improvements that Springs Utilities determines necessary to provide utility services to the Property or to ensure timely development of integrated utility systems serving the Property and areas outside the Property (including the costs to design and install water systems, wastewater collection systems, and any gas or electric lines to and within the Property). Owner may be eligible for a cost Recovery Agreement as provided in Utilities' Rules and Regulations.
- Springs Utilities utility services are available on a "first-come, first-served" basis, and therefore no specific allocations or amounts of utility services, facilities, capacities or supplies are reserved for the Owner, and Springs Utilities makes no commitment as to the availability of any utility service until such time as an application for permanent service is approved by Springs Utilities.
- The relocation or alteration of any existing utility facilities within the Property will be at the Owner's sole cost and expense. If Springs Utilities determines that Owner's relocation or alteration requires new or updated easements, Owner shall convey those easements prior to relocating or altering the existing utility facilities. Owner shall dedicate by plat and/or convey by recorded document, all property and easements that Springs
- Utilities determines are required for all utility system facilities necessary to serve the Property or to ensure development of an integrated utility system. All easements granted by separate instrument shall utilize Springs Utilities' then-current Permanent Easement Agreement form. The water system facilities must meet Springs Utilities criteria for water quality, reliability and pressure,
- including looping requirements (see Springs Utilities Line Extension and Service Standards). Owner recognizes that the extension of water system facilities may affect the quality of water in the Springs Utilities water system. When water quality is affected, Owner acknowledges responsibility for any costs that Springs Utilities determines necessary in order to maintain water quality in its system as a result of Owner's water system extensions. Owner may be required to submit a Water Quality Plan for the project.
- Owner must contact Springs Utilities Field Engineering to determine the location of all natural gas and electric meters and transformers and to secure approval of gas-service-line pressures in excess of Springs Utilities standard gas system pressure. (Contact Field Engineering North 668-4985 or South 668-5564). ). It shall not be permissible for any person to modify the grade of the earth within any Springs Utilities easement or
- rights of way without the written approval of Springs Utilities. Improvements, structures and trees shall not be located within utility easement, shall not violate National Electric Safety Code (NESC) provisions and clearances, and shall not impair access or the ability to maintain utility facilities . Springs Utilities approval of this Preliminary Utility Plan shall not be construed as a limitation upon the authorit
- of Springs Utilities to apply its Standards; and if there are any conflicts between any approved drawings and any provision of Standards or the City Code, then the Standards or City Code shall apply. Springs Utilities' approva of this Preliminary Utility Plan shall not be construed as a limitation upon the authority of the City of Colorado Springs or Springs Utilities to adopt different ordinances, rules, regulations, resolutions, policies or codes which change any of the provisions of the Standards so long as these apply to the City generally and are in accord with the then-current tariffs, rates and policies of Springs Utilities.

NOTE, WATER & WW SERVICE

**IS PROVIDED BY CHEROKEE** 

METROPOLITAN DISTRICT

FILE# PPR 2258 EPC 5/9/2023



19 E. Willamette Ave. Colorado Springs, CO 80903 PH: 719-477-9429 FAX: 719-471-0766 www.jpsengr.com



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