## FILE NO.: PPR-2254

## CHEROKEE METROPOLITAN DISTRICT LIFT STATION NO. 1 ADDITIONS

6657 E PLATTE AVE, PARCEL NO. 5418000080

COLORADO SPRINGS, COLORADO

SITE DEVELOPMENT PERMIT: PPR-2254

## CONTACTS

CONTRACTOR:

SURVEYOR:

CHEROKEE METROPOLITAN DISTRICT 6250 PALMER BARK BOULEVARD

(719) 597-7411 JMUNGER@CHEROKEEMETRO.ORG

JVA, INC CIVIL ENGINEER

NATHAN SKALAK, P.E. (303) 565-4930

THOMAS SHAUGHNESSY, PLS

(719) 304-4480

FORT COLLINS

BOULDER

WINTER PARK

TOMS@EJSURVEYING.COM

COVER SHEET

TITLE

1319 SPRUCE STREET (PLAN PREPARER): BOULDER, CO 80302 NSKALAK@JVAJVA.COM

COLORADO SPRINGS, CO 80915

CO.1 LEGEND, NOTES, AND ABBREVIATIONS

DRAWING INDEX

SHEET NO.

ENVIRONMENTAL ENGINEER: JVA. INC MICHAEL KATALINICH, P.E. CL1.0 LANDSCAPE PLAN SITE DEVELOPMENT PLAN

1319 SPRUCE STREET (303) 565-4952BOULDER, CO 80302 MKATALINICH@JVAJVA.COM CIVIL DETAILS

EDWARD-JAMES SURVEYING, INC.

COLORADO SPRINGS, CO 80907

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Boulder • Fort Collins • Winter Park Glenwood Springs • Denver

CONSULTING ENGINEERS

OCTOBER 2022

SITE DATA:

LOT/PARCEL SIZE: 53.38 ACRES EXISTING/PROPOSED LAND USE: POLITICAL SUBDIVISION

BUILDING FOOTPRINT: 782 SF WET WELL FOOTPRINT: 5.387 SF EXISTING BUILDINGS TOTAL AREA: 20,000 SF

LAGOON COVERAGE: 272,000 SF OPEN/LANDSCAPED AREA COVERAGE: 46.44 ACRES

We understand the new pump station will have a base elevation of about 6224 feet to match the elevation of the existing wet well. If this is the case, the structure will be constructed at or near the groundwater level, and also at or near the layer of fat clay encountered in our field exploration. Although the very moist clay was not found to possess significant swell potential at it's current moisture content, these soils are known to exhibit significant volume change with changes in moisture content, and will offer poor support to shallow foundations when overly moist. Considering the proximity of the base of the structure to these conditions, we recommend the use of deep foundations for the

Shallow foundations may be feasible at this site for structures founded at elevations at least 5 feet

above groundwater, but the existing fill should be removed, moisture conditioned, and

construction of the proposed pump station and equalization tank.

recompacted where it is found below the construction envelope.

PREPARED UNDER THE SUPERVISION OF

THE PROPERTY IS ZONED AS RR-5 (RESIDENTIAL RURAL DISTRICT) AND CAD-0 (COMMERCIAL AIRPORT OVERLAY DISTRICT). THE PROPOSED PROJECT

103.54 FT, TH N 00<46'48" E 1108.57 TO POB

WILL NOT CHANGE THE ZONING DESIGNATION.

**LEGAL DESCRIPTION:** 

A C/A OF 6<33'34" AN ARC DIST OF 395.22 FT. TH N 32<44'28" E 9.33

FT TO A PT ON THE SLY R/W LN O US HWY 24, TH S 89<55'03" E 296.95

127.67 FT TO A PT ON E LN W2NE4 SD SEC 18 & NE COR OF TR DESC BY

BK (3156-91), TH S 00<47'32" W 2317.14 FT TO A PT ON N LN OF TR C

DESC BY REC 206167022, TH 88<51'08" W 1259.94 FT, S 39<23'57" W

JVA, Inc.

THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR SITE DEVELOPMENT PLANS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS

4,000 SF

-parking computations, required vs



IMPERMEABLE SURFACE COVERAGE:

**OWNER'S STATEMENT:** 

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE SITE DEVELOPMENT PLAN.

OWNER SIGNATURE

## EL PASO COUNTY:

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH THE 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

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, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

County Engineer/ECM Administrator

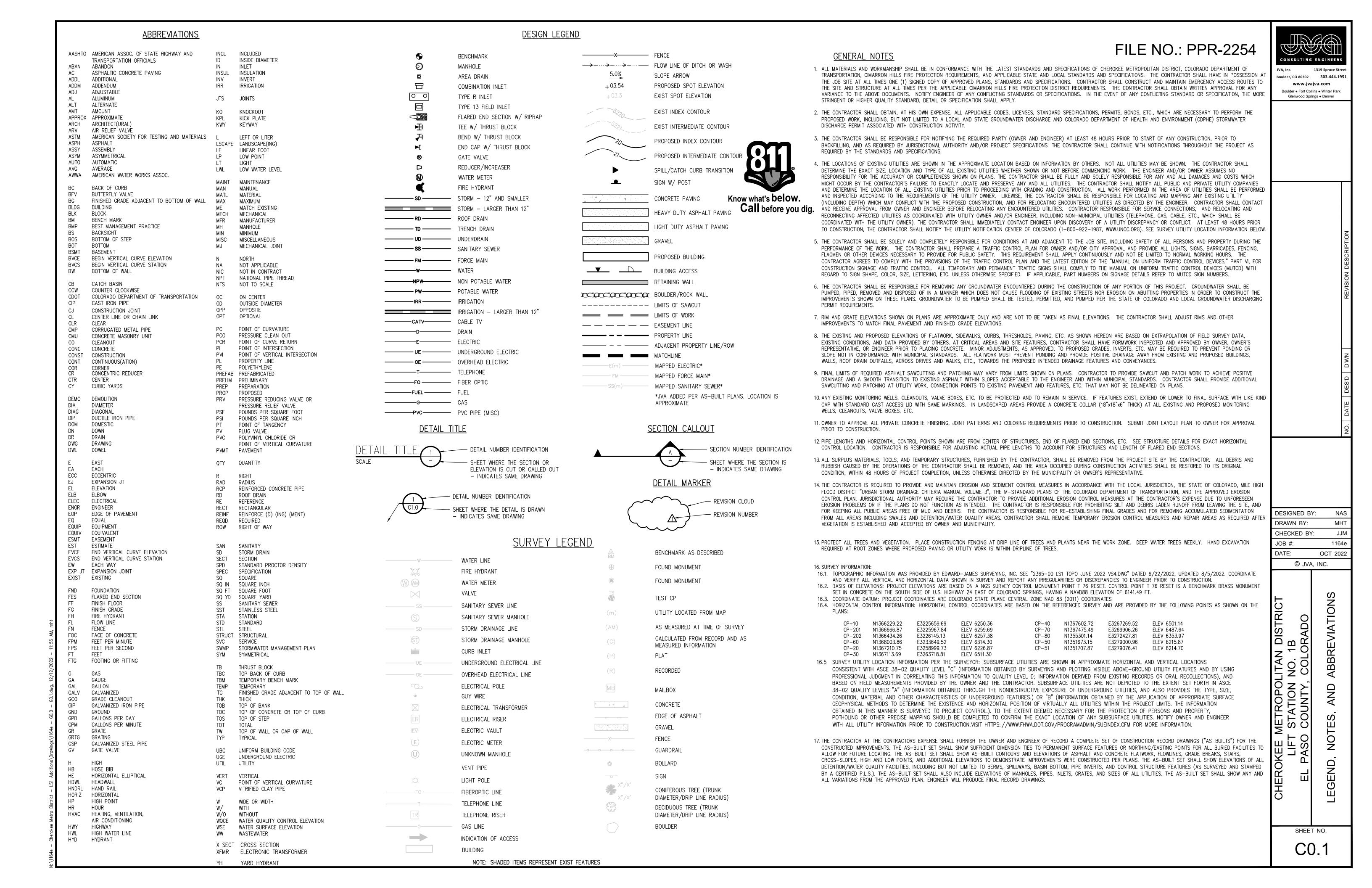
E PLATTE AVE SPACE VILLAGE AVE ease move the the GEC plan and move from SDP

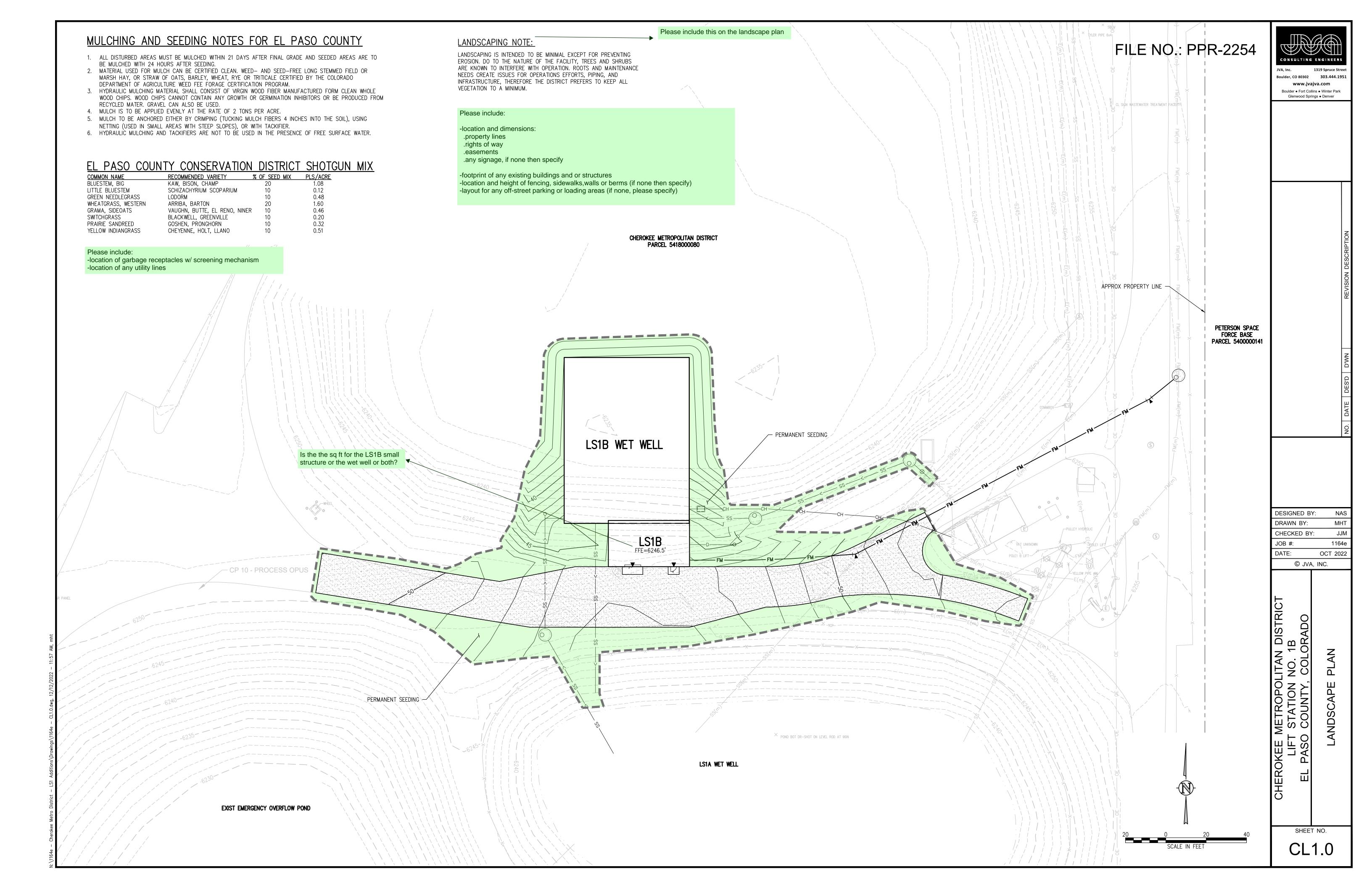
LENWOOD SPRINGS GRAND JUNCTION COLORADO SPRINGS **DURANGO** 

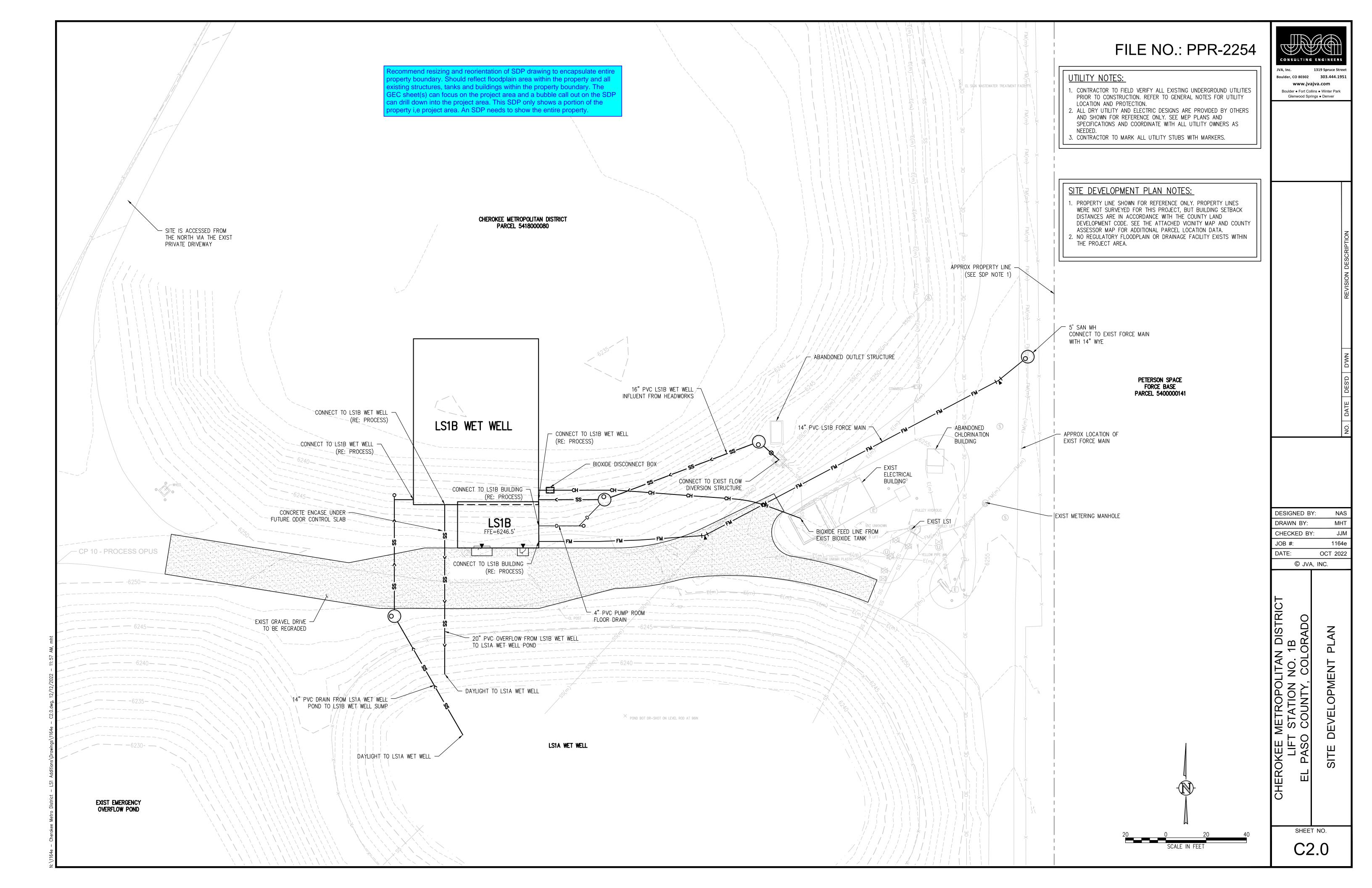
→ Please show how these concerns will be

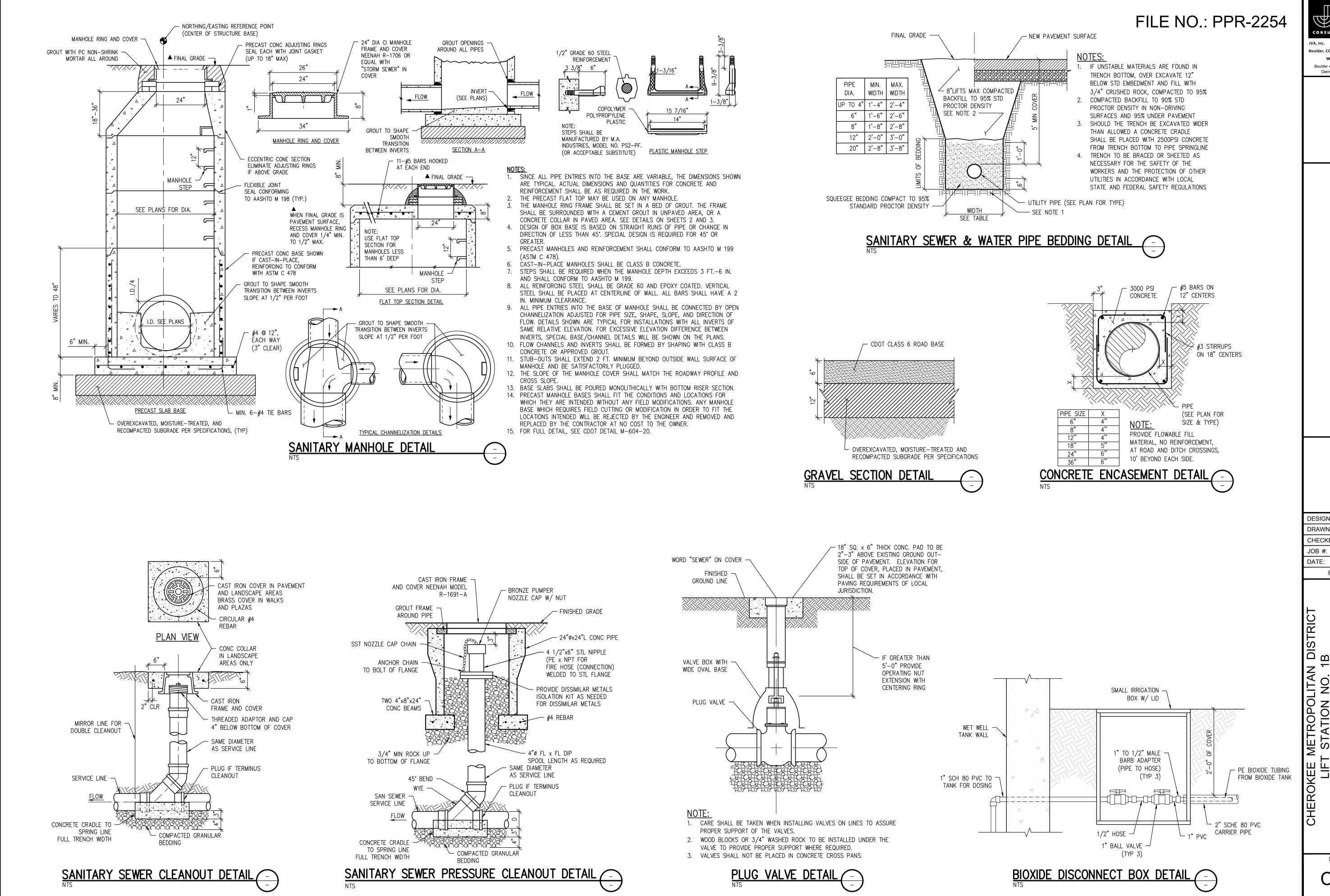
FORT MORGAN

PROJECT LOCATION MAP









CONSULTING ENGINEERS 1319 Spruce Stre Boulder, CO 80302 303.444.1951 www.jvajva.com Boulder • Fort Collins • Winter Park Glenwood Springs • Denver

DESIGNED BY: DRAWN BY: 1164e OCT 2022 © JVA, INC.

CHECKED BY: JOB #: DATE:

CD2.0

SHEET NO.

