

CONSTRUCTION PLANS  
FOR  
**THE RIDGE AT LORSON RANCH**  
SANITARY SEWER AND WATERMAIN  
CONSTRUCTION PLANS



Know what's below.  
Call before you dig.

CALL 2-BUSINESS DAYS IN ADVANCE  
BEFORE YOU DIG, GRADE OR  
EXCAVATE FOR THE MARKING OF  
UNDERGROUND MEMBER UTILITIES



VICINITY MAP  
NO SCALE

PREPARED FOR:  
**LORSON, LLC**  
N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, CO 80903  
719-635-3200  
CONTACT: JEFF MARK

PREPARED BY:  
**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNSVILLE, MN 55306  
719-570-1100  
CONTACT: RICHARD L. SCHINDLER P.E.

SHEET INDEX	
SHEET NO.	SHEET DESCRIPTION
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**DEVELOPER'S STATEMENT**

THE UNDERSIGNED OWNER/DEVELOPER HAS READ AND WILL COMPLY WITH ALL THE REQUIREMENTS SPECIFIED IN THESE CONSTRUCTION PLANS AND THE ACCOMPANYING DRAINAGE REPORT.

BUSINESS NAME LORSON, LLC

BY [Signature] DATE NOV 5, 2021

TITLE AUTHORIZED SIGNING AGENT

ADDRESS 212 N. WAHSATCH AVE. SUITE 301  
COLORADO SPRINGS, CO 80903

**FIRE DISTRICT APPROVAL**

THE NUMBER OF FIRE HYDRANTS AND HYDRANT LOCATIONS TOGETHER WITH THE MAIN SIZES INDICATED ON THIS WATER INSTALLATION PLAN ARE ADEQUATE TO SATISFY THE REQUIREMENTS OF THE SECURITY FIRE PROTECTION DISTRICT'S FIRE AND RESCUE DEPARTMENT. THIS APPROVAL IS BASED ON THE INFORMATION IN THESE PLANS, SPECIFICATIONS AND SUPPLEMENTAL INFORMATION PROVIDED BY THE DESIGN ENGINEER WHOSE SIGNATURE APPEARS IN THESE PLANS, AND THE WIDFIELD WATER AND SANITATION DISTRICT.

SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
BY FIRE PROTECTION CHIEF OR COORDINATOR

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

JENNIFER IRVINE, COUNTY ENGINEER/ECM ADMINISTRATOR DATE \_\_\_\_\_  
CONDITIONS: APPROVAL OF THESE PLANS IS ONLY FOR UTILITY CONSTRUCTION, NOT ROADS AT THIS TIME

**ENGINEER'S APPROVAL**

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

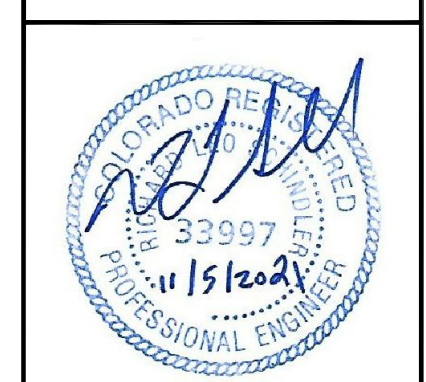
RICHARD L. SCHINDLER, P.E. # 33997  
FOR AND ON BEHALF OF CORE ENGINEERING GROUP

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
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PH: 719-570-1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
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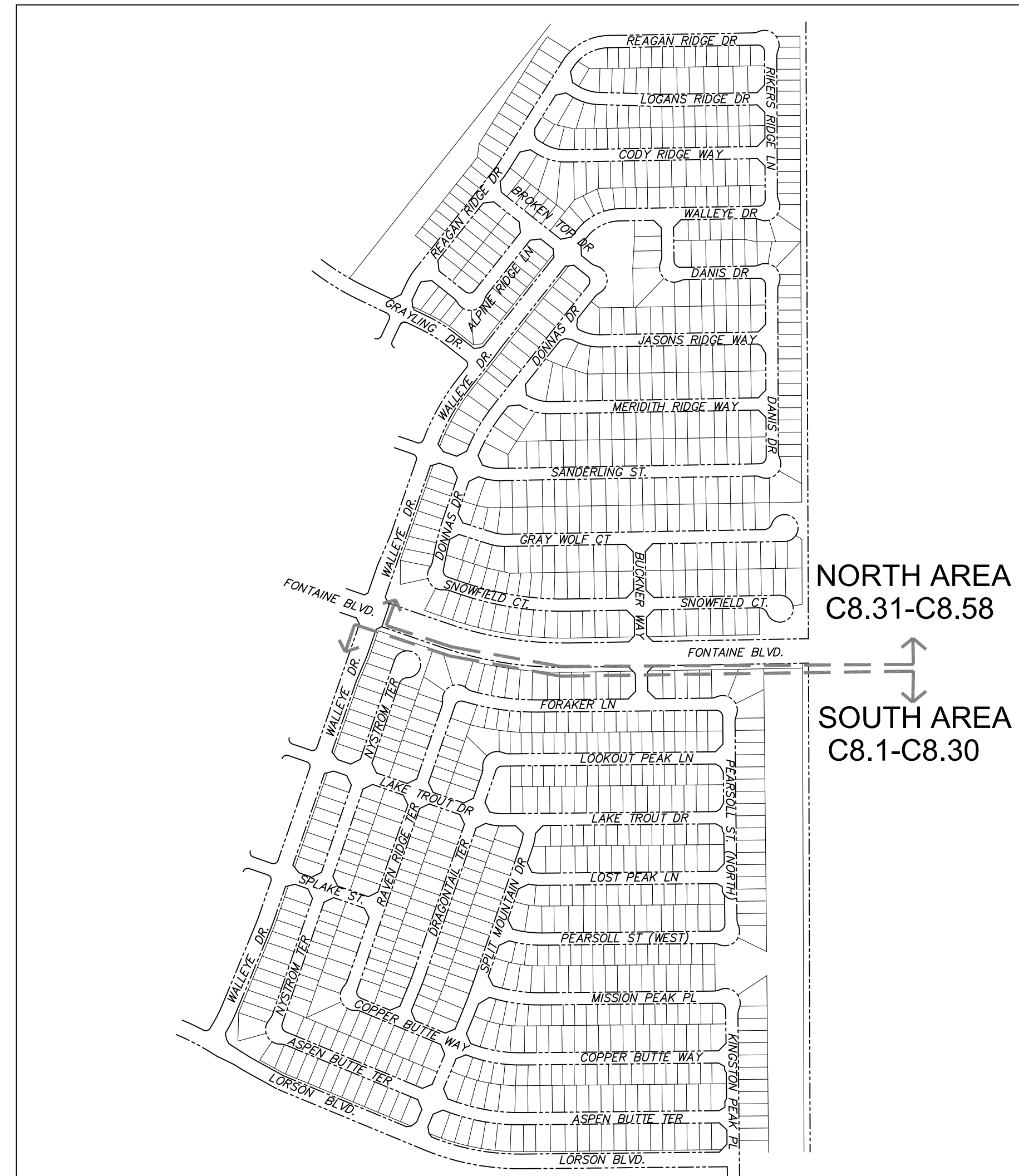
DATE \_\_\_\_\_  
DESCRIPTION \_\_\_\_\_  
NO. \_\_\_\_\_  
PREPARED FOR: **LORSON, LLC**  
212 N. WAHSATCH AVE. SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**THE RIDGE AT LORSON RANCH  
SANITARY / WATERMAIN  
CONSTRUCTION PLANS**



DATE: NOV 5, 2021  
PROJECT NO. 100.064  
SHEET NUMBER C0.1  
TOTAL SHEETS: 75



KEY MAP  
NO SCALE

**WATER / SANITARY**  
WIDFIELD WATER AND SANITATION DISTRICT  
8495 FONTAINE BLVD.  
COLORADO SPRINGS, CO 80925  
719-390-7111

**CABLE**  
COMCAST  
P.O. BOX 173838  
DENVER, CO 80217  
970-641-4774

**ELECTRIC**  
MOUNTAIN VIEW ELECTRIC  
11140 E. WOODMEN RD.  
COLORADO SPRINGS, CO 80831  
719-495-2283

**SECURITY FIRE PROTECTION DISTRICT**  
400 SECURITY BOULEVARD  
SECURITY, CO 80911  
719-392-7121

**TELEPHONE**  
CENTURYLINK  
7925 INDUSTRY ROAD  
COLORADO SPRINGS, CO 80939  
719-278-4651

**GAS**  
BLACK HILLS ENERGY  
7060 ALLEGRE ST.  
FOUNTAIN, CO 80817  
719-393-6639

**EL PASO COUNTY**  
PLANNING AND COMMUNITY DEVELOPMENT  
2880 INTERNATIONAL CIRCLE  
COLORADO SPRINGS, CO 80910  
719-520-6300

**BASIS OF BEARING**  
BEARINGS ARE BASED ON THE SOUTH LINE OF THE NORTH HALF OF SECTION 23, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN AS BEING SOUTH 8941'52" WEST. THE EAST QUARTER CORNER OF SAID SECTION 23 IS A FOUND 3-1/2" ALUMINUM CAP MONUMENT AND THE WEST QUARTER CORNER OF SAID SECTION 23 IS A FOUND 2-1/2" ALUMINUM CAP MONUMENT

**BENCHMARK**  
FIMS MONUMENT F204 LOCATED AT THE NORTHWEST CORNER OF FONTAINE BLVD AND COTTONWOOD GROVE DR. ELEVATION 5724.072 (N.G.V.D. 29)

**TRAFFIC CONTROL NOTE**  
THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL DEVICES AND MONITORING NECESSARY TO SAFELY COMPLETE THE WORK SHOWN IN THESE CONSTRUCTION DOCUMENTS IN CONFORMANCE WITH M.U.T.C.D. GUIDELINES. THE CONTRACTOR SHALL COMPLETE ALL NECESSARY WORK FOR PLAN REVIEW, PERMITS AND PROCESSING. TRAFFIC CONTROL WILL NOT BE PAID SEPARATELY BUT IS INCLUDED IN THE COST OF THE PROJECT.

**DISTRICT APPROVAL (WATER)**

THE WIDFIELD WATER AND SANITATION DISTRICT RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE WIDFIELD WATER AND SANITATION DISTRICT HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

WIDFIELD WATER AND SANITATION DISTRICT  
WATER DESIGN APPROVAL  
DATE \_\_\_\_\_ BY \_\_\_\_\_  
PROJECT NO. \_\_\_\_\_

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

APPROVAL EXPIRES 180 DAYS FROM DESIGN APPROVAL

**DISTRICT APPROVAL (WASTEWATER)**

THE WIDFIELD WATER AND SANITATION DISTRICT RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE WIDFIELD WATER AND SANITATION DISTRICT HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

WIDFIELD WATER AND SANITATION DISTRICT  
WATER DESIGN APPROVAL  
DATE \_\_\_\_\_ BY \_\_\_\_\_  
PROJECT NO. \_\_\_\_\_

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

APPROVAL EXPIRES 180 DAYS FROM DESIGN APPROVAL

PUDSP-21-006

**CONSTRUCTION NOTES**

- ALL WORK SHALL COMPLY WITH THE CODES AND POLICIES FOR EL PASO COUNTY.
- EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THIS GRADING PLAN WAS OBTAINED FROM DREXEL, BARRELL & CO., JULY, 2005. SUPPLEMENTAL SURVEY DATA WAS OBTAINED FOR MARKSHEFFEL ROAD FROM M&S CIVIL GROUP IN NOVEMBER, 2016. THE CONTRACTOR SHALL BE RESPONSIBLE TO EXAMINE THE SITE AND BE FAMILIAR WITH THE EXISTING CONDITIONS.
- DEPTH OF MOISTURE-DENSITY CONTROL FOR THIS PROJECT SHALL BE AS FOLLOWS:  
BASE OF ALL CUTS AND FILLS - 12 INCHES,  
FULL DEPTH OF ALL EMBANKMENTS
- THE CONTRACTOR IS RESPONSIBLE FOR THE RE-ESTABLISHMENT OF ALL SURVEY MONUMENTS DISTURBED WITHIN THE PROJECT LIMITS.
- THE CONTRACTOR SHALL PROTECT ALL WORK AREAS AND FACILITIES FROM FLOODING AT ALL TIMES. AREAS AND FACILITIES SUBJECTED TO FLOODING, REGARDLESS OF THE SOURCE OF WATER, SHALL BE PROMPTLY DEWATERED AND RESTORED.
- PRIOR TO PAVING OPERATIONS, THE ENTIRE SUBGRADE SHALL BE PROOF-ROLLED WITH A LOADED 988 FRONT-END LOADER OR SIMILAR HEAVY RUBBER Tired VEHICLE (GVW OF 50,000 POUNDS WITH 18 KIP PER AXLE AT TIRE PRESSURES OF 90 PSI) TO DETECT ANY SOFT OR LOOSE AREAS. IN AREAS WHERE SOFT OR LOOSE SOILS, PUMPING OR EXCESSIVE MOVEMENT IS OBSERVED, THE EXPOSED MATERIALS SHALL BE OVER-EXCAVATED TO A MINIMUM DEPTH OF TWO FEET BELOW PROPOSED FINAL GRADE OR TO A DEPTH AT WHICH SOILS ARE STABLE. AFTER THIS HAS BEEN COMPLETED, THE EXPOSED MATERIALS SHALL BE SCARIFIED TO A DEPTH OF 12 INCHES AND MOISTURE CONDITIONED. THE SUBGRADE SHALL THEN BE UNIFORMLY COMPACTED TO A MINIMUM OF 95% OF STANDARD PROCTOR DENSITY (ASTM D-698) AT 0 TO +4.0% OF OPTIMUM MOISTURE CONTENT FOR A-6 AND A-7-6 SOILS ENCOUNTERED. OTHER SUBGRADE TYPES SHALL BE UNIFORMLY COMPACTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR DENSITY (ASTM D-1557) AT PLUS OR MINUS 2.0% OF OPTIMUM MOISTURE CONTENT. AREAS WHERE STABLE NATURAL SOILS ARE ENCOUNTERED AT PROPOSED SUBGRADE ELEVATION SHALL ALSO BE SCARIFIED (18 INCHES FOR A-7-6 SOILS BELOW FULL-DEPTH ASPHALT CONCRETE) AND COMPACTED AS OUTLINED ABOVE PRIOR TO PAVING OPERATIONS. SUBGRADE FILL SHALL BE PLACED IN SIX-INCH LIFTS AND UNIFORMLY COMPACTED, MEETING THE REQUIREMENTS AS PREVIOUSLY DESCRIBED.
- SUBGRADE MATERIALS DEEMED UNSUITABLE BY THE ENGINEER SHALL BE EXCAVATED, DISPOSED OF AND REPLACED WITH APPROVED MATERIALS.
- FILL SHALL BE PLACED IN 8-INCH MAXIMUM LOOSE LIFTS AND SHALL BE COMPACTED PRIOR TO SUCCESSIVE LIFTS.
- THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DURING CONSTRUCTION ACTIVITIES AT ALL TIMES DURING GRADING AND CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING EROSION AND SEDIMENT CONTROL MEASURES:
  - HAY BALE BARRIERS WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.
  - SILT FENCE WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.
  - TEMPORARY SEDIMENTATION BASINS WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.
  - MULCHING AND SEEDING OF EXCESSIVE SLOPED AREAS AS NEEDED OR AS DIRECTED BY THE ENGINEER.
  - TEMPORARY VEHICLE TRACKING CONTROL AS NEEDED AND/OR DIRECTED BY THE ENGINEER.
  - CONCRETE WASH AREAS.
  - INLET PROTECTION.
 THESE AND ALL EROSION CONTROL BEST MANAGEMENT PRACTICES AS SHOWN IN THE GRADING AND EROSION CONTROL PLANS SHALL BE STRICTLY ADHERED TO.
- FINISHED CONTOURS/SPOT ELEVATIONS SHOWN HEREON REPRESENT FINISHED GRADES. ALL PAVEMENT SUBGRADES ARE BASED ON THE COMPOSITE ASPHALT PAVEMENT RECOMMENDATIONS MADE IN THE "GEOTECHNICAL STUDY" FOR LORSON RANCH.

**WIDEFIELD WATER AND SANITATION DISTRICT GENERAL NOTES**

- ALL UTILITY CONSTRUCTION TO BE CONDUCTED IN CONFORMANCE WITH THE CURRENT WIDEFIELD WATER AND SANITATION DISTRICT SPECIFICATIONS. COMPACTION REQUIREMENTS SHALL BE 95% STANDARD PROCTOR AS DETERMINED BY ASTM D698, UNLESS OTHERWISE APPROVED BY THE WIDEFIELD WATER AND SANITATION DISTRICT OR A HIGHER STANDARD IS IMPOSED BY ANOTHER AGENCY HAVING RIGHT-OF-WAY JURISDICTION.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE WIDEFIELD WATER AND SANITATION DISTRICT. THE WIDEFIELD WATER AND SANITATION DISTRICT RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
- THE DEVELOPER OR HIS ENGINEER HAS LOCATED ALL FIRE HYDRANTS AND FUTURE SERVICE STUBS. ANY REQUIRED REALIGNMENT, EITHER HORIZONTAL OR VERTICAL, SHALL BE AT THE EXPENSE OF THE DEVELOPER.
- ALL DUCTILE IRON PIPE, TO INCLUDE FITTINGS, VALVES AND FIRE HYDRANTS WILL BE WRAPPED WITH POLYETHYLENE TUBING, BONDED AT EACH JOINT AND ELECTRICALLY ISOLATED.
- ALL DUCTILE IRON PIPE SHALL BE DOUBLE BONDED. DIP SHALL HAVE CATHODIC PROTECTION USING NO. 6 WIRE WITH 17 LB. MAGNESIUM ANODES EVERY 400 FEET.
- PVC MAIN LINES SHALL BE INSTALLED WITH COATED NO. 12 TRACER WIRE.
- ALL FITTINGS SHALL BE DUCTILE IRON -MECHANICAL JOINT AND HAVE 9 LB. MAGNESIUM ANODES AT EVERY FITTING.
- THE CONTRACTOR IS REQUIRED TO NOTIFY THE WIDEFIELD WATER AND SANITATION DISTRICT (390-7111) A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO NOTIFY AFFECTED UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION ADJACENT TO THE KNOWN UTILITY LINES.
- THE LOCATION OF ALL UTILITIES AS SHOWN ON THESE DRAWINGS ARE APPROXIMATE ONLY. THE LOCATION OF ALL UTILITIES SHALL BE VERIFIED PRIOR TO CONSTRUCTION BY THE CONTRACTOR.
- THE CONTRACTOR SHALL FIELD EXCAVATE AND VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF ALL TIE-INS. CONTRACTOR SHALL NOTIFY THE WIDEFIELD WATER AND SANITATION DISTRICT AND THE ENGINEER OF THE FIELD VERIFIED INFORMATION PRIOR TO CONSTRUCTION.
- ALL BENDS SHALL BE FIELD STAKED PRIOR TO CONSTRUCTION.
- ANY WATER UTILITY MATERIAL REMOVED AND NOT REUSED SHALL BE RETURNED TO THE WIDEFIELD WATER AND SANITATION DISTRICT IF THE DISTRICT SO REQUESTS.
- THE CONTRACTOR SHALL AT HIS EXPENSE SUPPORT AND PROTECT ALL UTILITY MAINS SO THAT THEY WILL FUNCTION CONTINUOUSLY DURING CONSTRUCTION. SHOULD A UTILITY MAIN FAIL AS A RESULT OF THE CONTRACTOR'S OPERATION, IT WILL BE REPLACED IMMEDIATELY BY EITHER THE CONTRACTOR OR THE WIDEFIELD WATER AND SANITATION DISTRICT AT FULL COST OF LABOR AND MATERIALS TO THE CONTRACTOR.
- ANY PUMPING OR BYPASS OPERATIONS MUST BE REVIEWED AND APPROVED PRIOR TO EXECUTION BY BOTH THE WIDEFIELD WATER AND SANITATION DISTRICT AND THE ENGINEER.
- DISINFECTION SHALL BE ACCOMPLISHED BY GLUING TABLETS TO THE TOP OF THE LINE. POWDER OR GRANULER HTH SHALL NOT BE USED. SEE WIDEFIELD SPECS FOR FURTHER DEFINITION OF DISINFECTION TECHNIQUES.
- CONTRACTOR MUST REPLACE OR REPAIR ANY DAMAGE TO ALL SURFACE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO FENCES, CURB AND GUTTER AND/OR ASPHALT THAT MAY BE CAUSED DURING CONSTRUCTION.
- ALL WATER LINES 6" AND LARGER, AND ALL SEWER LINES 8" AND LARGER, SHALL HAVE AS "AS-BUILT" PLANS PREPARED AND APPROVED PRIOR TO FINAL ACCEPTANCE BY THE WIDEFIELD WATER AND SANITATION DISTRICT.
- PRIOR TO CONSTRUCTION, A PRE-CONSTRUCTION CONFERENCE IS REQUIRED A MINIMUM OF 72 HOURS IN ADVANCE OF COMMENCEMENT OF WORK. TO SET THE PRE-CONSTRUCTION CONFERENCE, CONTACT BRANDON BERNARD-WATER DEPARTMENT MANAGER AND/OR JASON DREESEN, WASTEWATER DEPARTMENT MANAGER OF THE WIDEFIELD WATER AND SANITATION DISTRICT AT 719-955-0548 FOR A TIME. NO PRE-CONSTRUCTION CONFERENCE TIMES WILL BE SET UNTIL 4 SETS OF SIGNED DRAWINGS ARE RECEIVED BY THE WIDEFIELD W & S DISTRICT. PRE-CONSTRUCTION DATE /INITIALS

**WIDEFIELD WATER AND SANITATION DISTRICT UTILITY CONSTRUCTION NOTES**

- ALL DUCTILE IRON PIPE AND FITTINGS SHALL HAVE CATHODIC PROTECTION AND 9 LB MAGNESIUM ANODES AT EVERY FITTING.
- ALL FIRE HYDRANTS SHALL BE GUARDIAN K-81D HYDRANT KENNEDY VALVE OR AMERICAN AVK SERIES 2700, (MODERN)

**UNDERDRAIN CONSTRUCTION NOTES**

- SUMP PUMP DISCHARGES FROM HOUSES MUST DISCHARGE TO UNDERGROUND UNDERDRAIN LATERALS, OPEN SPACE, PONDS, OR SWALES AND ARE NOT ALLOWED TO FLOW OVER PUBLIC SIDEWALK OR CURB/GUTTER.
- ALL PVC UNDERDRAIN MAINS SHALL BE 4" PVC, SDR 35.
- UNDERDRAIN LATERALS SHALL BE 3" PVC, SDR 35
- UNDERDRAIN CLEANOUT BOXES ON THE MAINS SHALL BE A CAST IRON TWO PIECE HEAVY DUTY VALVE BOX MANUFACTURED BY STAR PIPE PRODUCTS OR APPROVED EQUAL. THE TOP PIECE SHALL BE 16" TALL AND THE BOTTOM PIECE SHALL BE 36" TALL.
- PVC MAIN LINES SHALL BE INSTALLED WITH COATED NO. 12 TRACER WIRE.
- ALL FITTINGS SHALL BE DUCTILE IRON -MECHANICAL JOINT AND HAVE 1 LB. MAGNESIUM ANODES AT EVERY FITTING.
- THE LOCATION OF ALL UTILITIES AS SHOWN ON THESE DRAWINGS ARE APPROXIMATE ONLY. THE LOCATION OF ALL UTILITIES SHALL BE VERIFIED PRIOR TO CONSTRUCTION BY THE CONTRACTOR.
- THE CONTRACTOR SHALL FIELD EXCAVATE AND VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF ALL TIE-INS. CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE FIELD VERIFIED INFORMATION PRIOR TO CONSTRUCTION.
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EMAIL: Rls@cegi.com

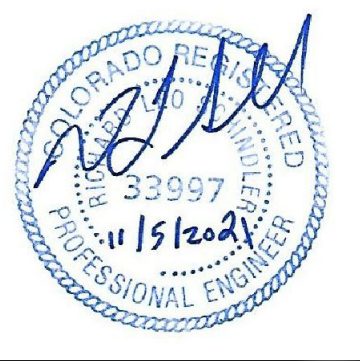
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PREPARED FOR:  
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212 N. WASHCATCH AVE., SUITE 301  
COLORADO SPRINGS, CO 80903  
CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
FONTAEN BLVD. - WALLEYE DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**THE RIDGE AT LORSON RANCH**  
**SANITARY SEWER / WATERMAIN**  
**NOTES**

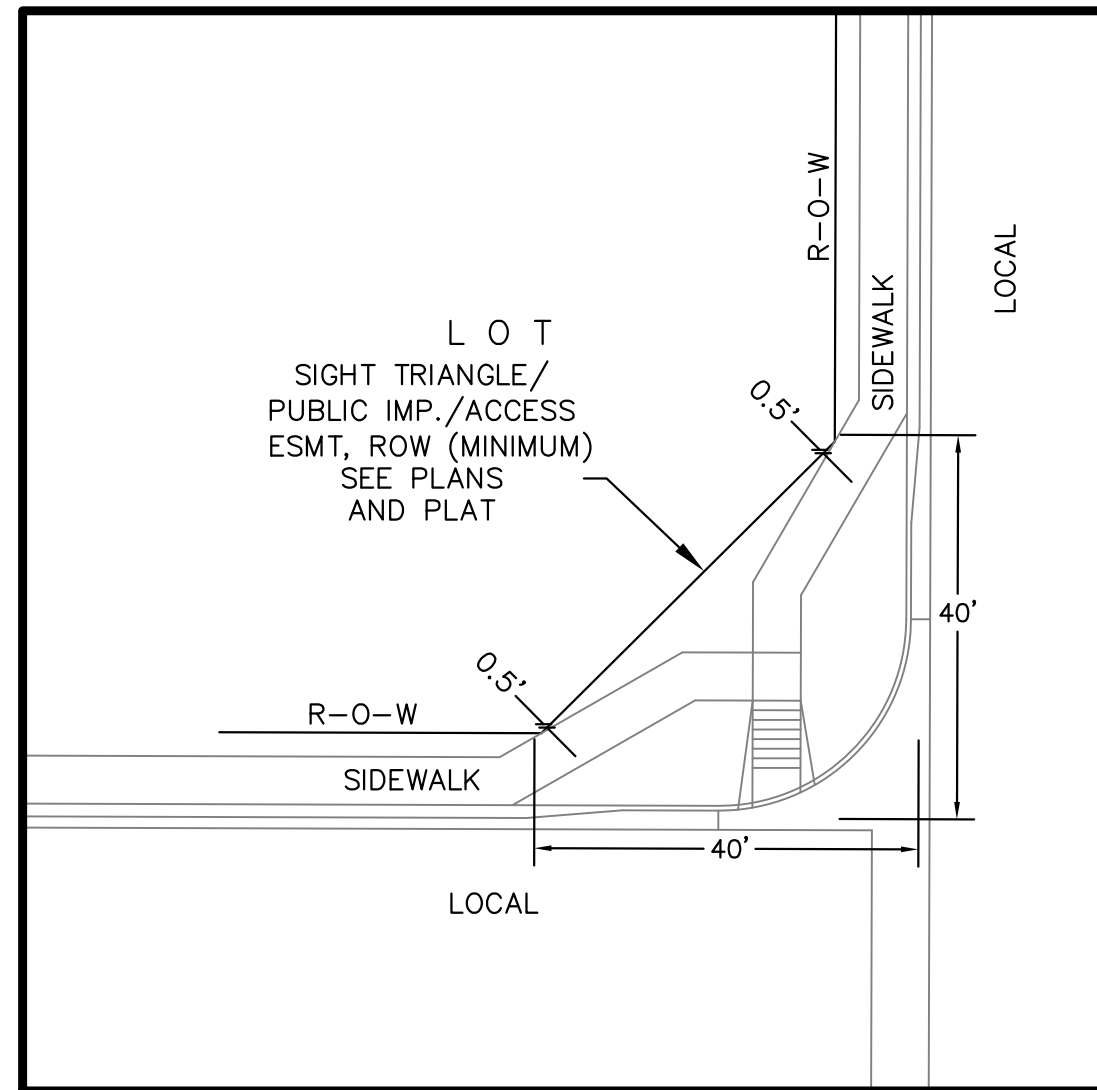


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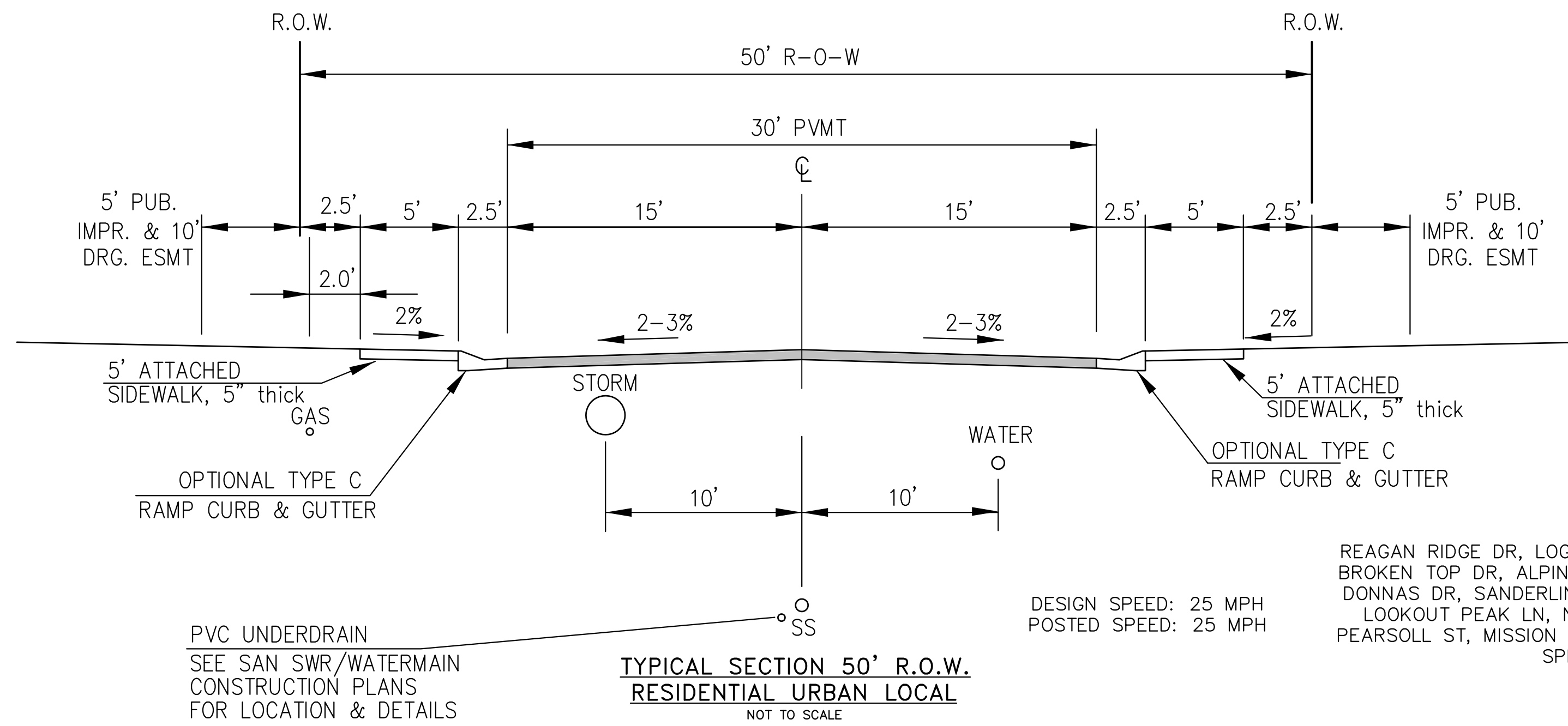
SHEET NUMBER  
C1.2

TOTAL SHEETS: 75



LOCAL ROADWAY SIGHT TRIANGLE  
PUBLIC IMPROVEMENT ESMT.  
NOT TO SCALE

NOTE:  
ADDITIONAL PUBLIC IMPROVEMENT EASEMENTS ARE REQUIRED WHERE  
SIDEWALK ENCLOSES INTO THE PRIVATE LOTS. SEE CONSTRUCTION DRAWINGS  
AND THE FINAL PLAT. SEE CONSTRUCTION DRAWINGS AND PLAT FOR SIGHT TRIANGLES

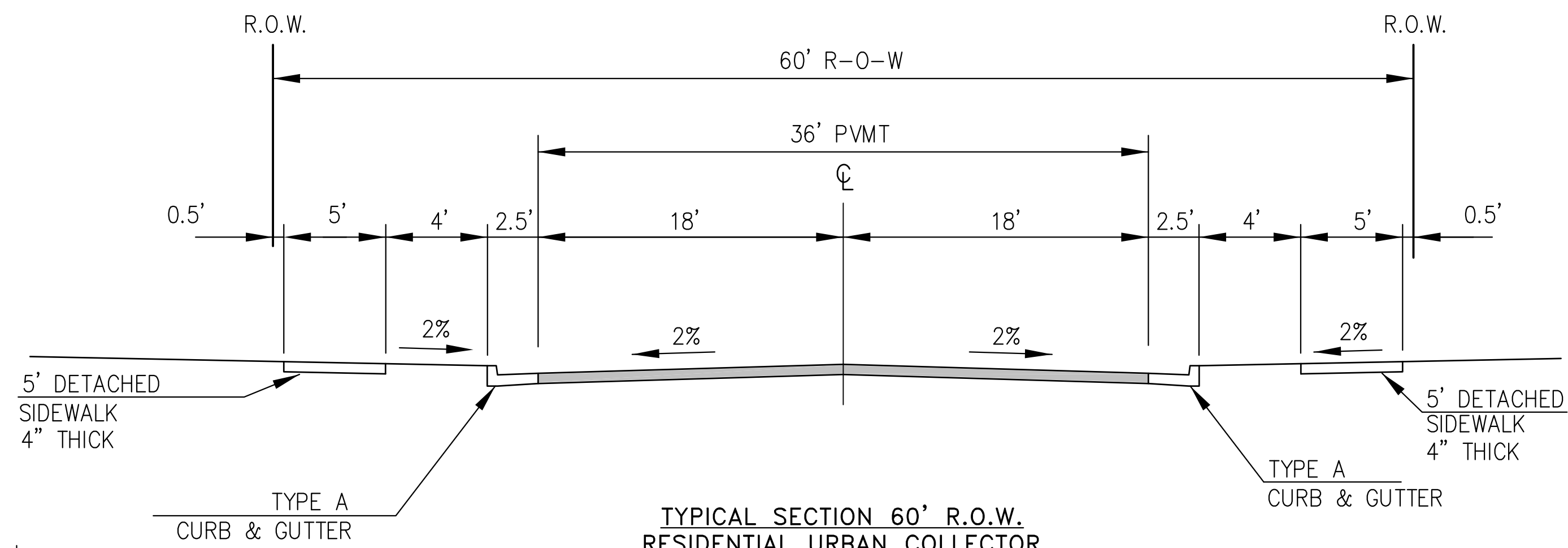


TYPICAL SECTION 50' R.O.W.  
RESIDENTIAL URBAN LOCAL  
NOT TO SCALE

DESIGN SPEED: 25 MPH  
POSTED SPEED: 25 MPH

NOTE:  
Pavement section to be determined  
by Hveem analysis and design. Design  
to be approved by El Paso County PCD Engineering

REAGAN RIDGE DR, LOGANS RIDGE LN, CODY RIDGE WAY, WALLEYE DR, RIKERS RIDGE LANE,  
BROKEN TOP DR, ALPINE RIDGE LANE, DANIS DR, JASONS RIDGE WAY, MERIDITH RIDGE WAY,  
DONNAS DR, SANDERLING ST, GRAY WOLF CT, SNOWFIELD CT, BUCKNER WAY, FORAKER LN,  
LOOKOUT PEAK LN, NYSTROM TER, LAKE TROUT DR, RAVEN RIDGE TER, LOST PEAK LN,  
PEARSOLL ST, MISSION PEAK PL, COPPER BUTTE WY, APEN BUTTE TER, KINGSTON PEAK PL,  
SPLIT MOUNTAIN DR, DRAGONTAIL TER, SPLAKE ST

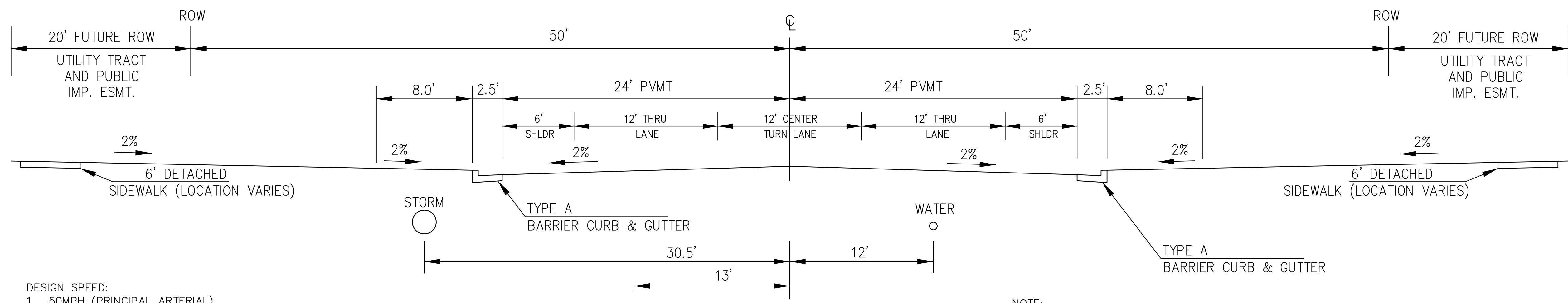


TYPICAL SECTION 60' R.O.W.  
RESIDENTIAL URBAN COLLECTOR  
NOT TO SCALE

LORSON BLVD

DESIGN SPEED: 40 MPH  
POSTED SPEED: 35 MPH

NOTE:  
Pavement section to be determined  
by Hveem analysis and design. Design  
to be approved by PCD Engineering



TYPICAL SECTION 100' R.O.W.  
FONTAINE BLVD  
NOT TO SCALE

DESIGN SPEED:  
1. 50MPH (PRINCIPAL ARTERIAL)  
2. 40MPH FOR TAPERS (WESTBOUND) (NON-RES COLLECTOR)

NOTE:  
Pavement section to be determined  
by Hveem analysis and design. Design  
to be approved by El Paso County PCD and Engineering

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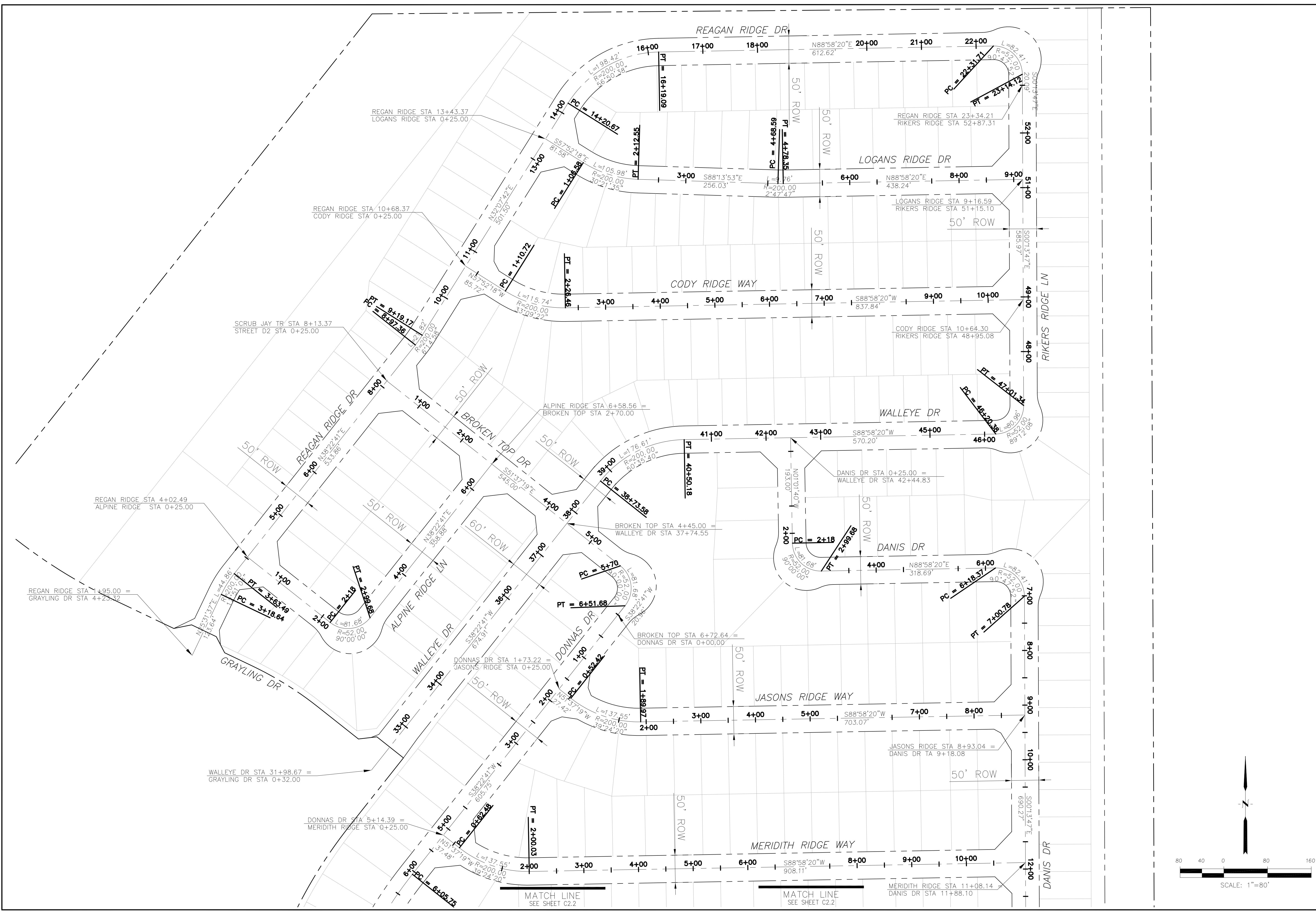
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DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**TYPICAL SECTIONS**

PROF. ENGINEER  
NOV 5 2021  
33997  
11/5/2021

DATE: NOV 5, 2021  
PROJECT NO. 100.064  
SHEET NUMBER C1.3  
TOTAL SHEETS: 75



**CORE**  
**ENGINEERING GROUP**  
 15004 1ST AVENUE S,  
 BIRCH CREEK, CO 80150  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
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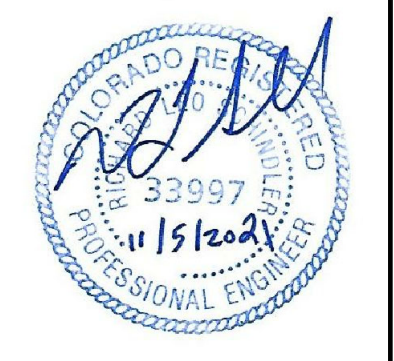
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 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**THE RIDGE AT LORSON RANCH**  
**HORIZONTAL CONTROL PLAN**

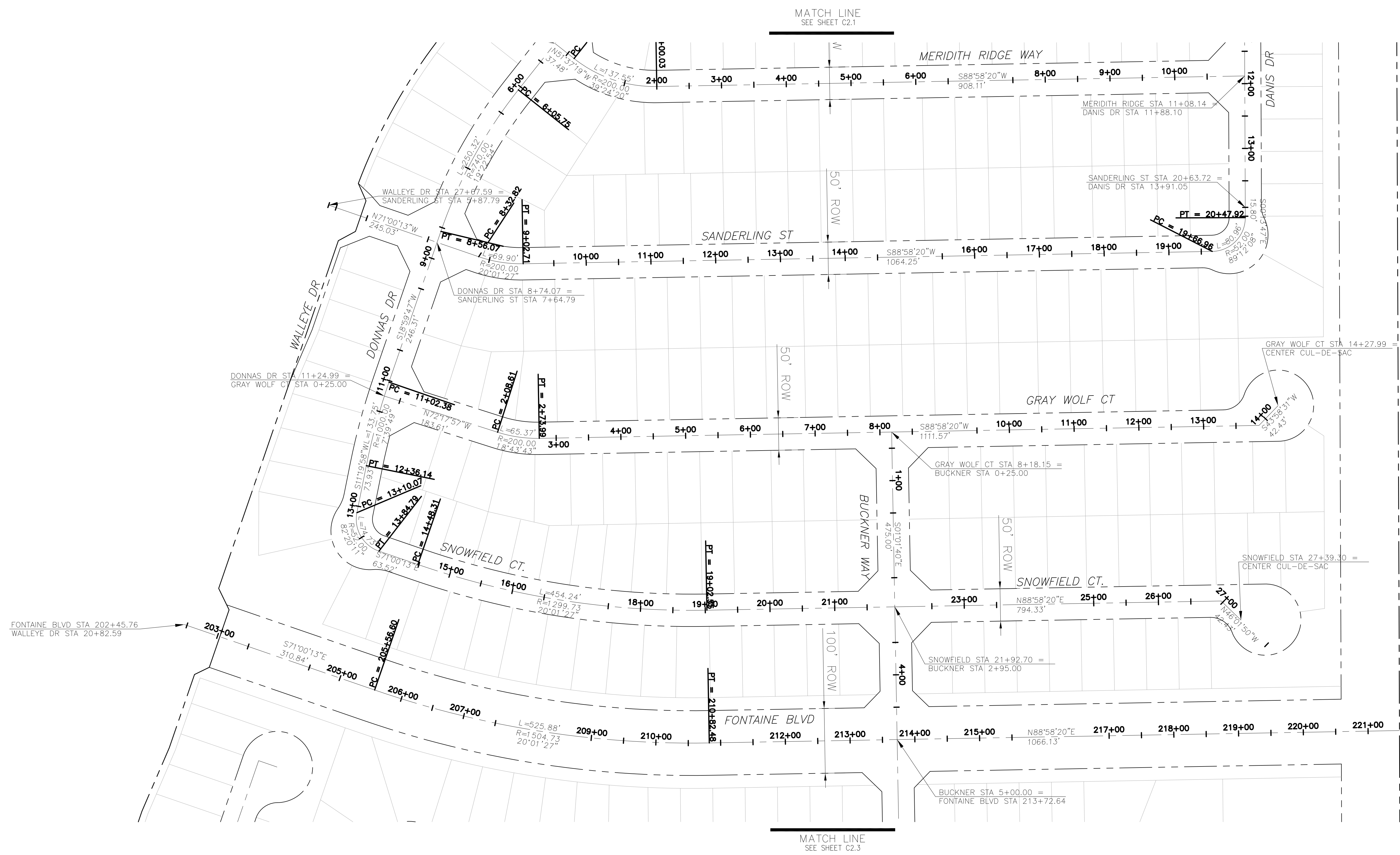


DATE:  
 NOV 5, 2021

PROJECT NO.  
 100.064

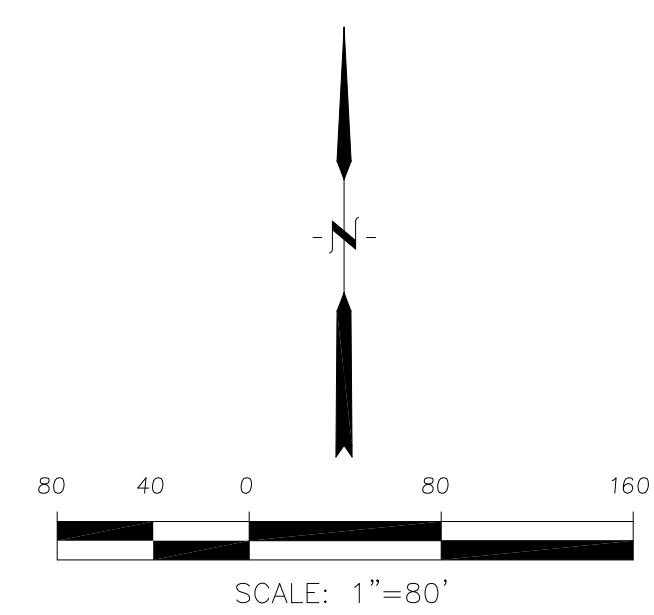
SHEET NUMBER  
**C2.1**

TOTAL SHEETS: 75



MATCH LINE  
SEE SHEET C2.1

MATCH LINE  
SEE SHEET C2.3

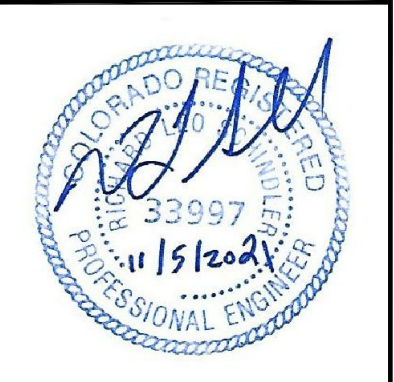


**CORE**  
**ENGINEERING GROUP**  
15004 1ST AVENUE S,  
DENVER, CO 80202  
PH: 303.750.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@ceg1.com

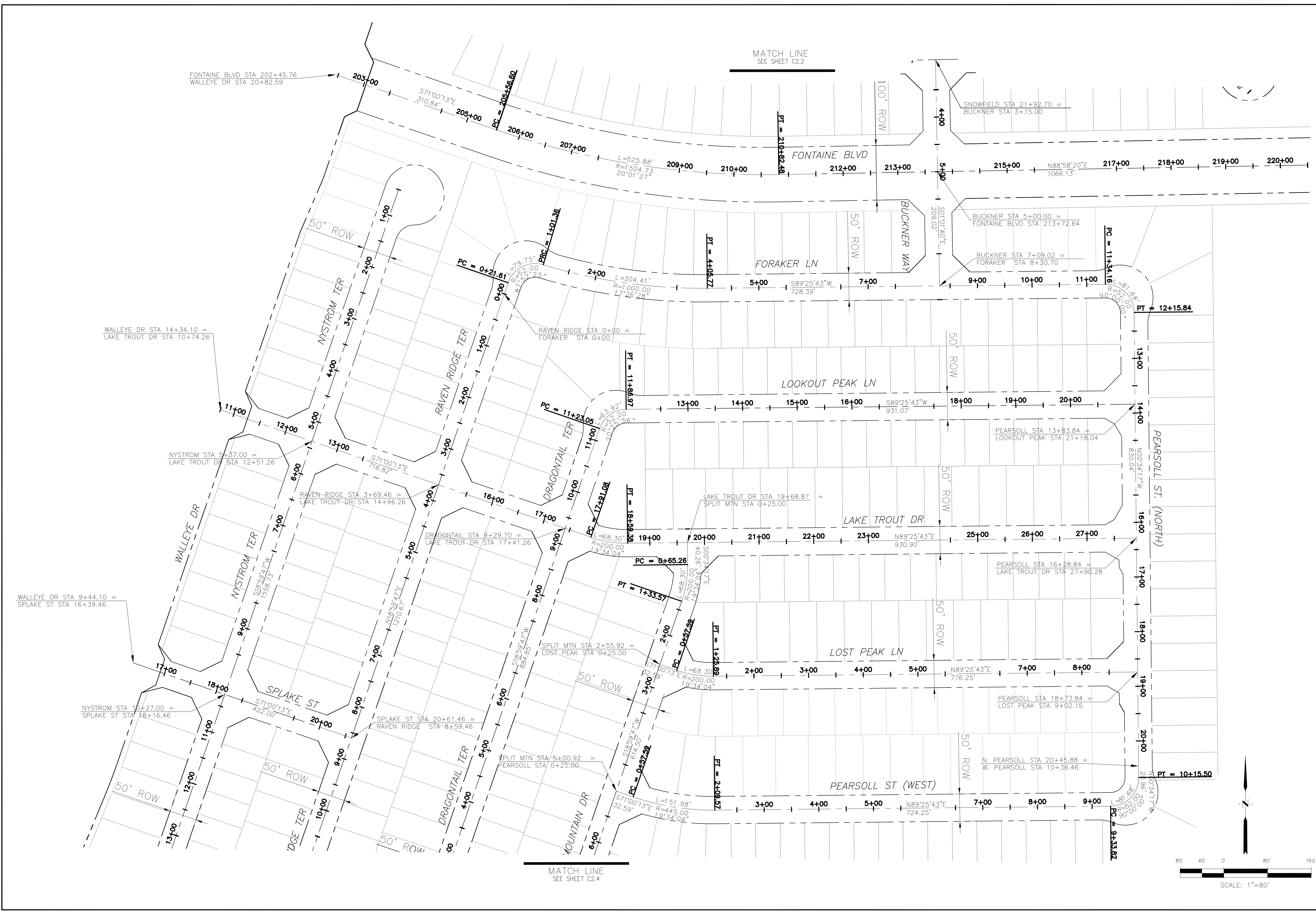
DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT FOR:  
**THE RIDGE AT LORSON RANCH**  
212 N. WAHSATCH AVE, SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**THE RIDGE AT LORSON RANCH**  
**HORIZONTAL CONTROL PLAN**



DATE:  
NOV 5, 2021  
PROJECT NO.  
100.064  
SHEET NUMBER  
**C2.2**  
TOTAL SHEETS: 75



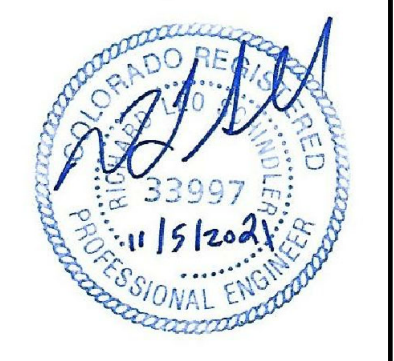
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S,  
 BIRCH CREEK, CO 80150  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@ceg1.com

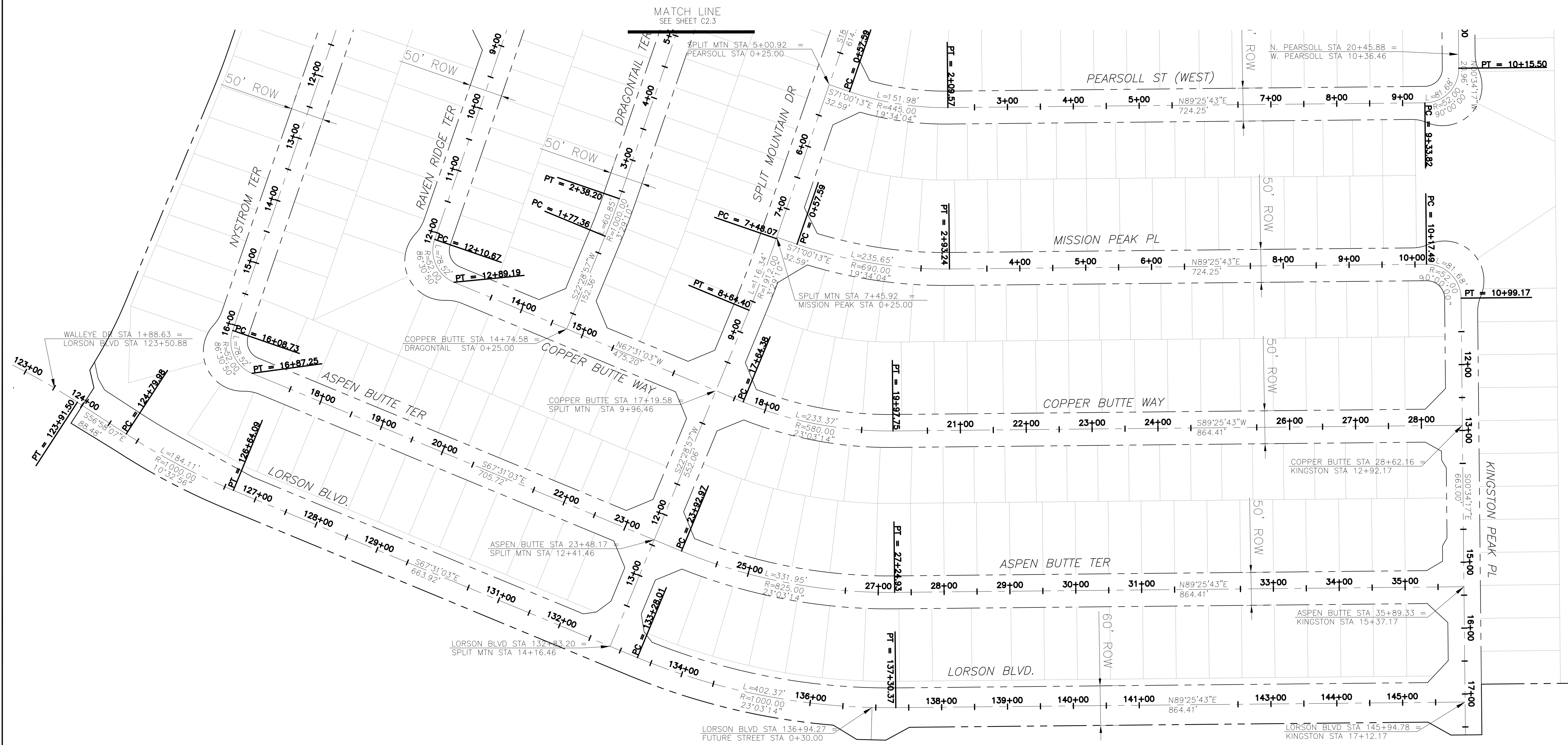
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE, SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**THE RIDGE AT LORSON RANCH  
 HORIZONTAL CONTROL PLAN**

DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER **C2.3**  
 TOTAL SHEETS: 75





MATCH LINE  
SEE SHEET C2.3

**CORE**  
**ENGINEERING GROUP**  
15004 1ST AVENUE S,  
SUITE 100, BOULDER, CO 80506  
PHONE: 719.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@ceg1.com

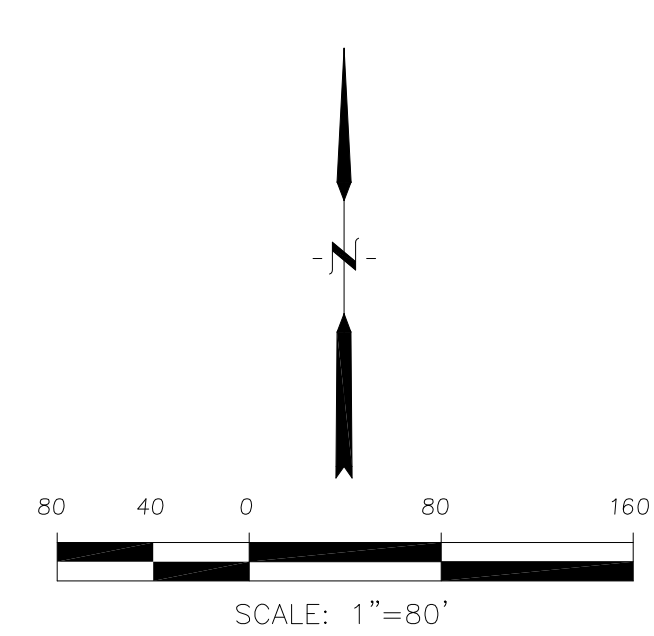
DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO: \_\_\_\_\_  
PROJECT: **THE RIDGE AT LORSON RANCH**  
PREPARED FOR: **LORSON, LLC**  
212 N. WAHSATCH AVE, SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: JEFF MARK  
(719) 635-3200

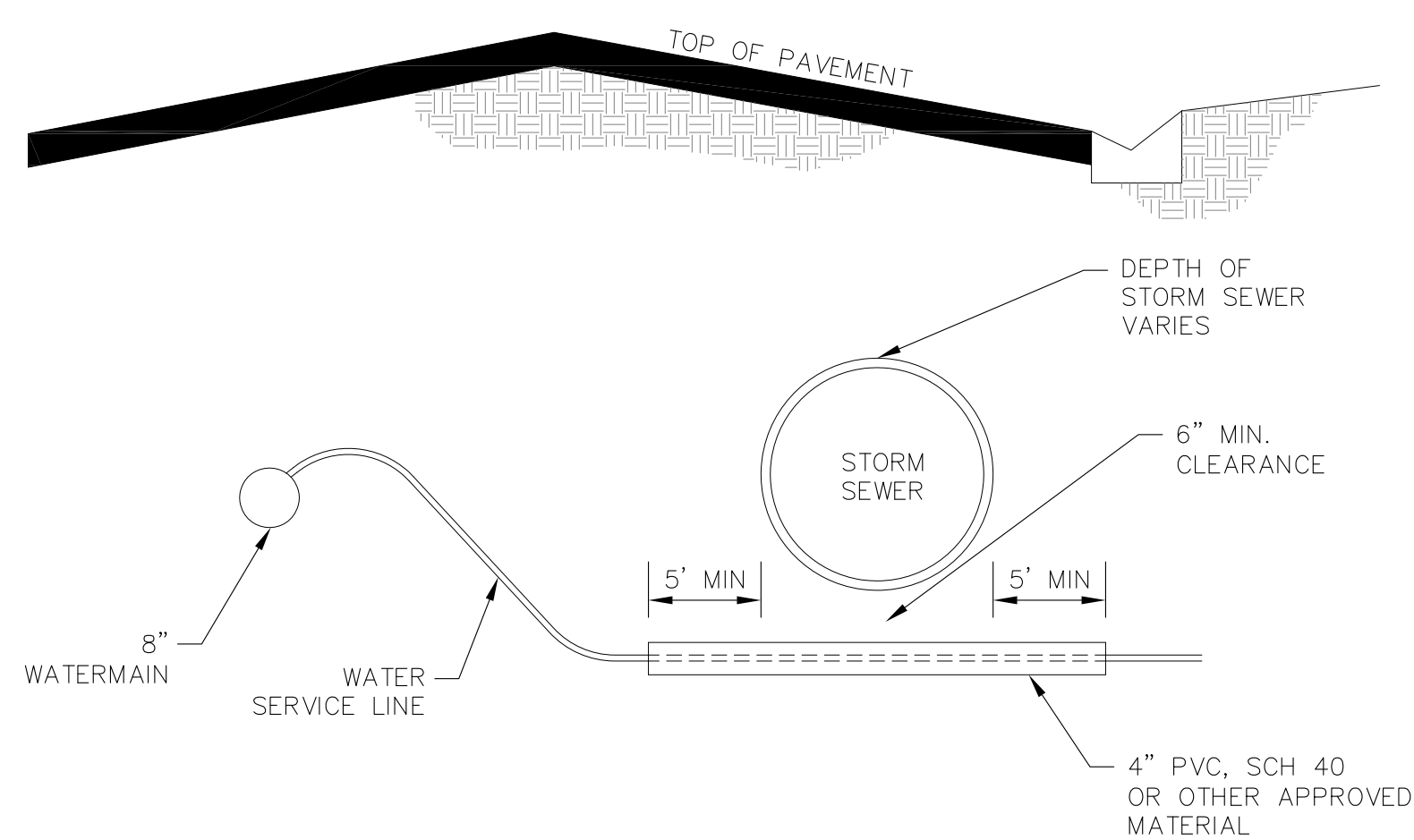
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DESIGNED: RLS  
CHECKED: RLS

**THE RIDGE AT LORSON RANCH**  
**HORIZONTAL CONTROL PLAN**



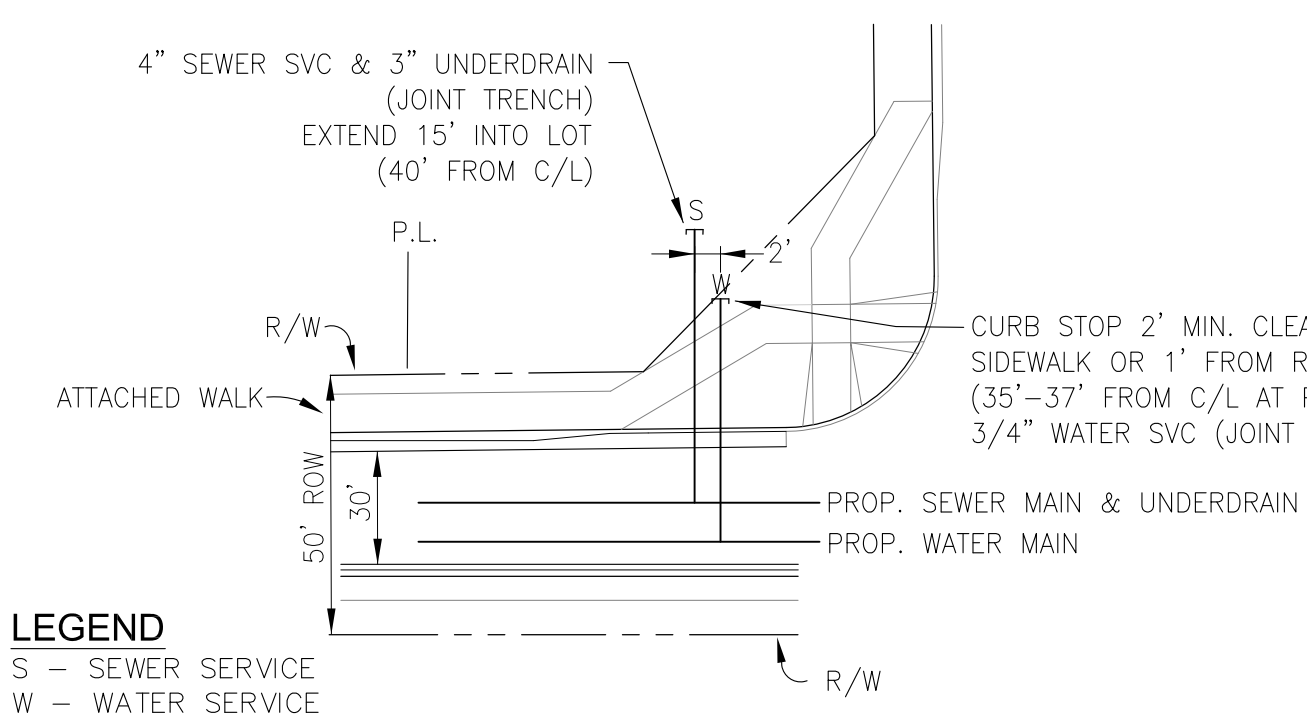
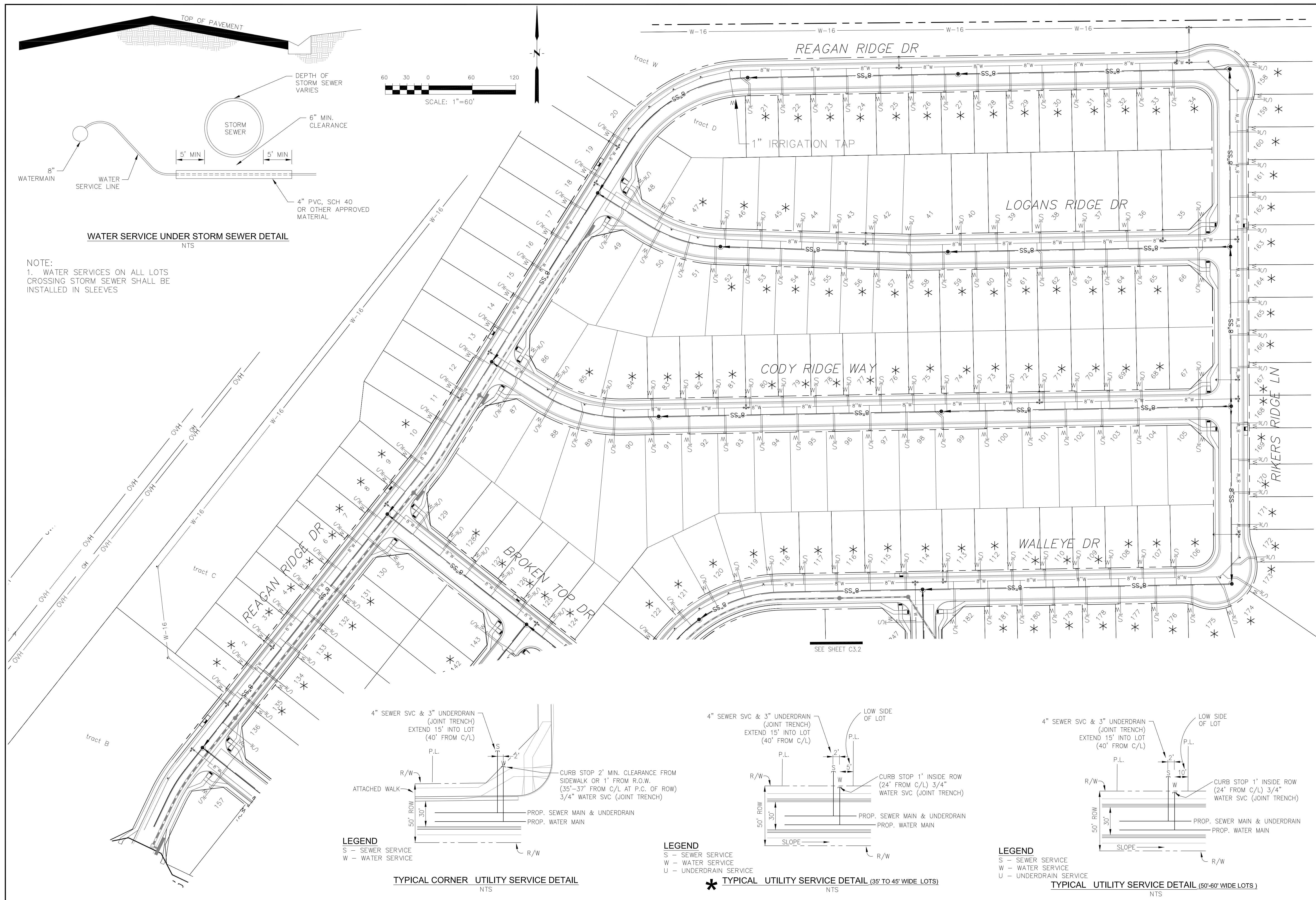
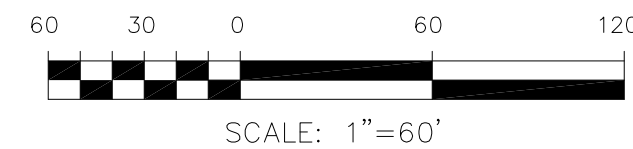
DATE: NOV 5, 2021  
PROJECT NO. 100.064  
SHEET NUMBER C2.4  
TOTAL SHEETS: 75



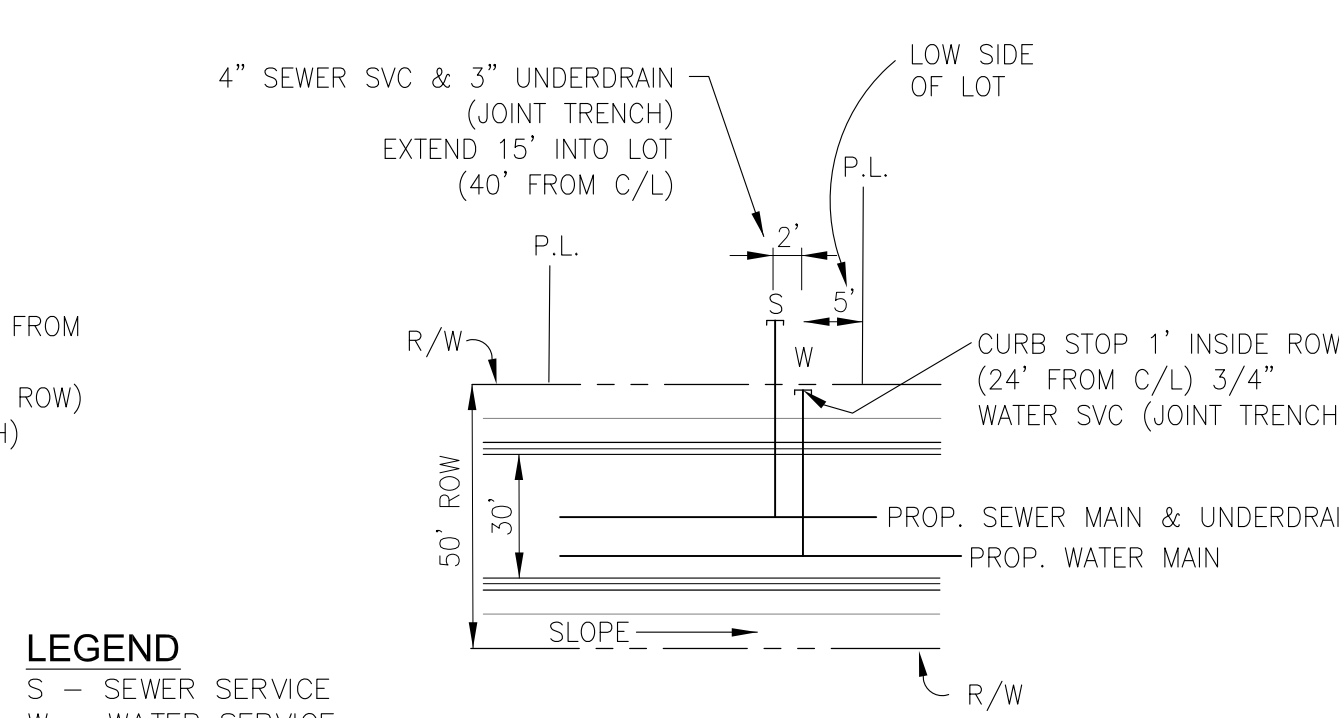


**WATER SERVICE UNDER STORM SEWER DETAIL**  
NTS

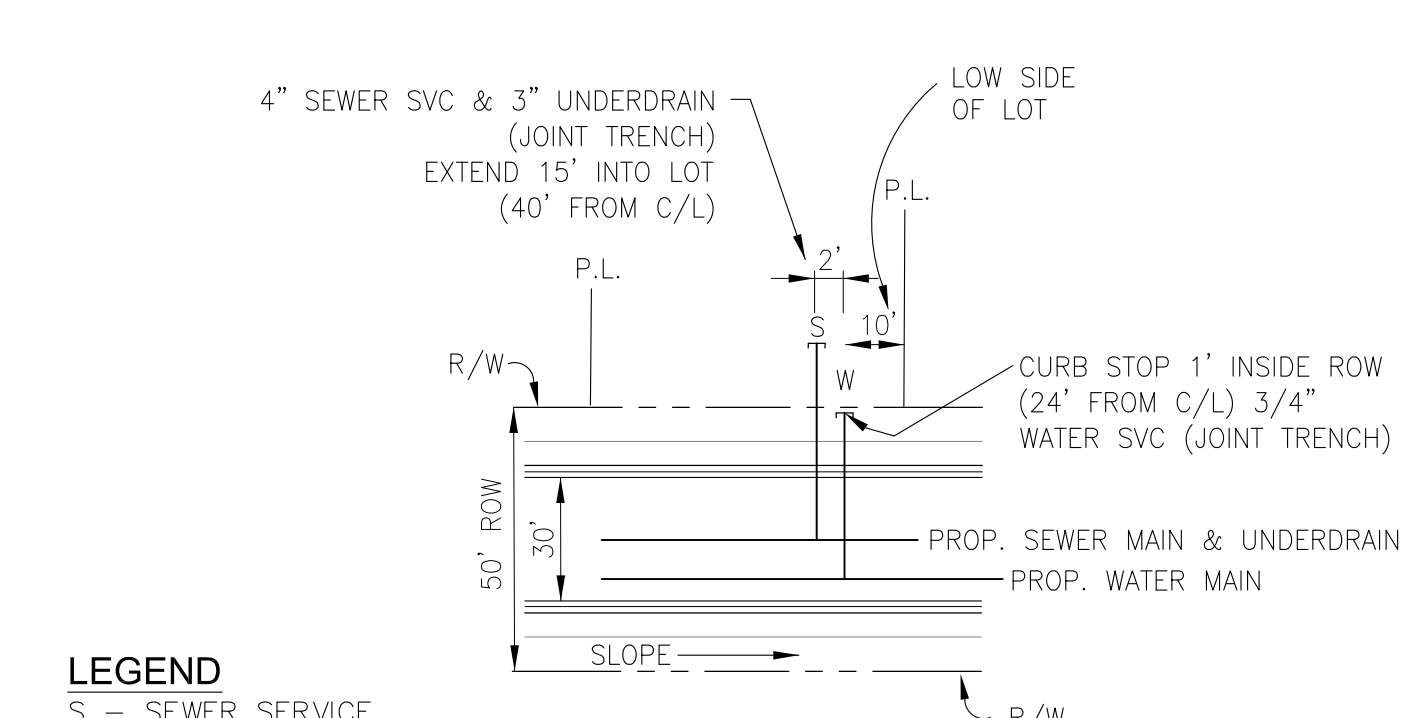
NOTE:  
1. WATER SERVICES ON ALL LOTS CROSSING STORM SEWER SHALL BE INSTALLED IN SLEEVES



**TYPICAL CORNER UTILITY SERVICE DETAIL**  
NTS



**TYPICAL UTILITY SERVICE DETAIL (35' TO 45' WIDE LOTS)**  
NTS



**TYPICAL UTILITY SERVICE DETAIL (50'-60' WIDE LOTS)**  
NTS

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNSVILLE, MN 55306  
PH: 719.579.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: rich@cegi.com

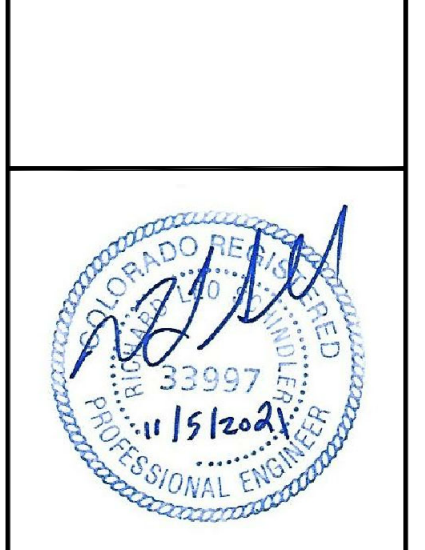
DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

PREPARED FOR:  
**LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
FONTAINE BLVD. - WALLEYE DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**THE RIDGE AT LORSON RANCH**  
**UTILITY SERVICES PLAN**  
**NORTH HALF**



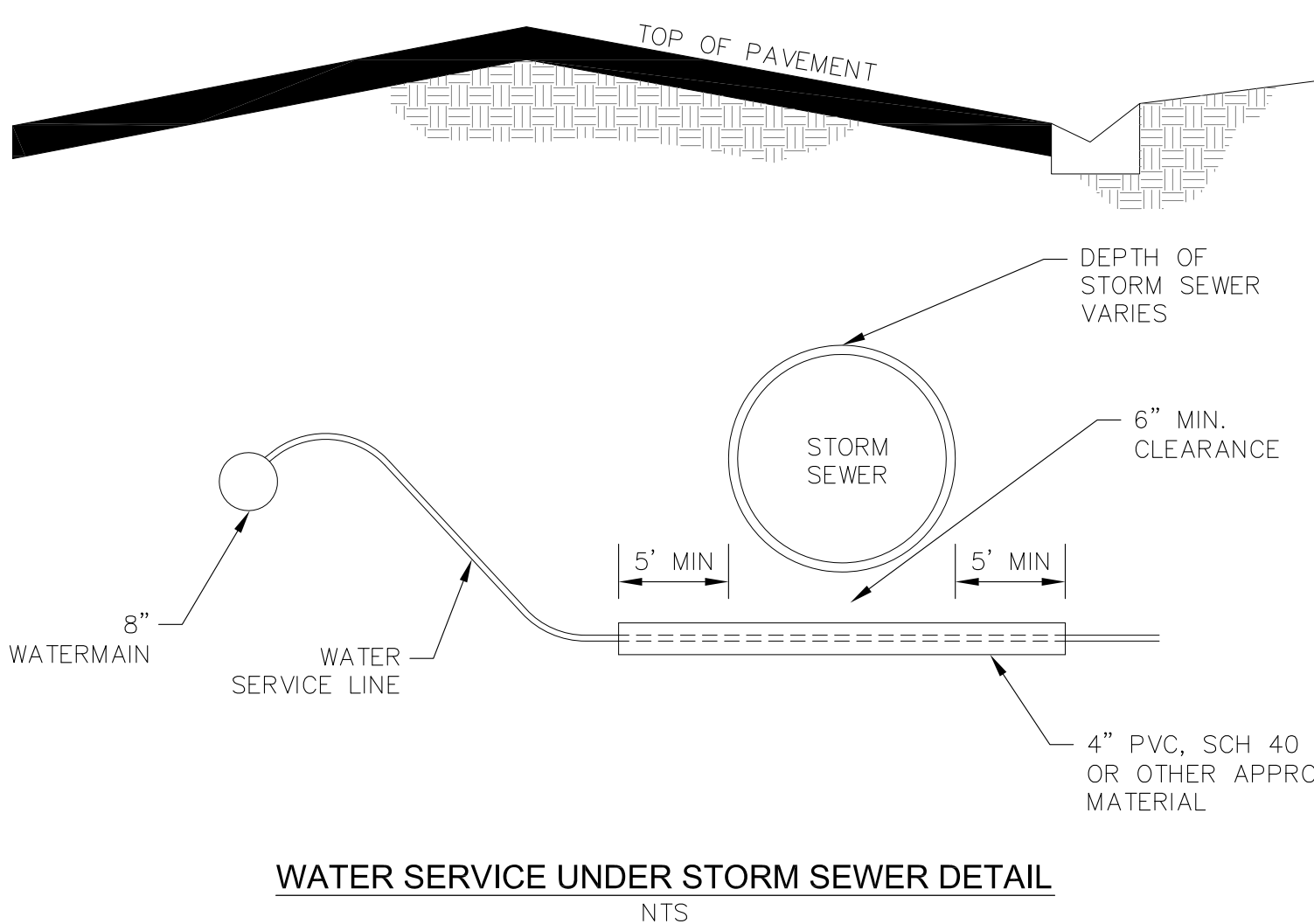
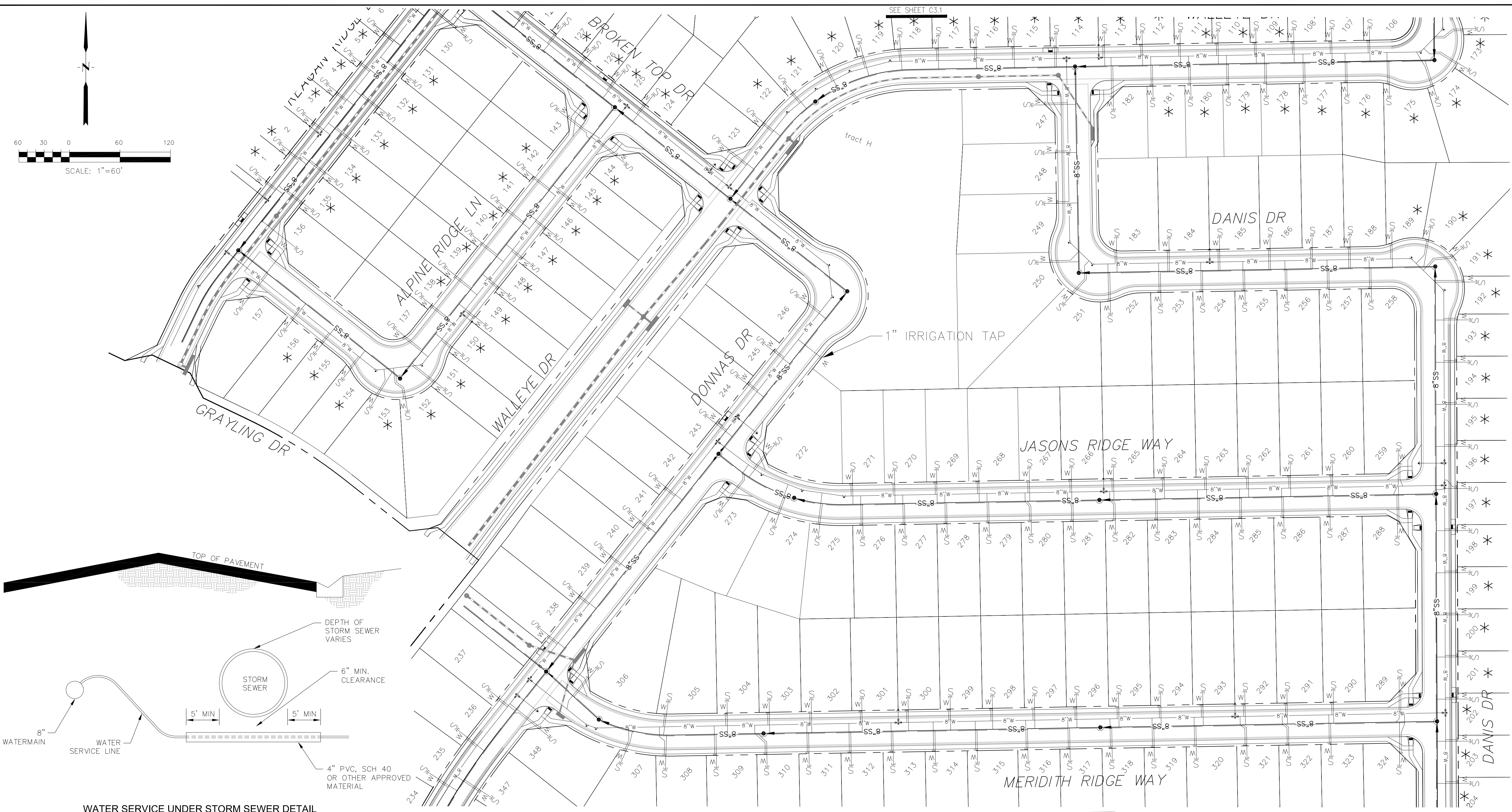
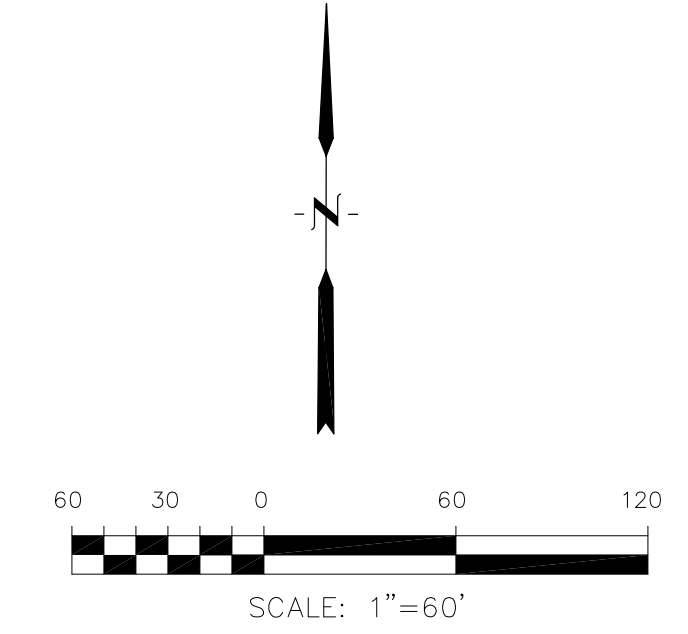
DATE:  
NOV 5, 2021

PROJECT NO.  
100.064

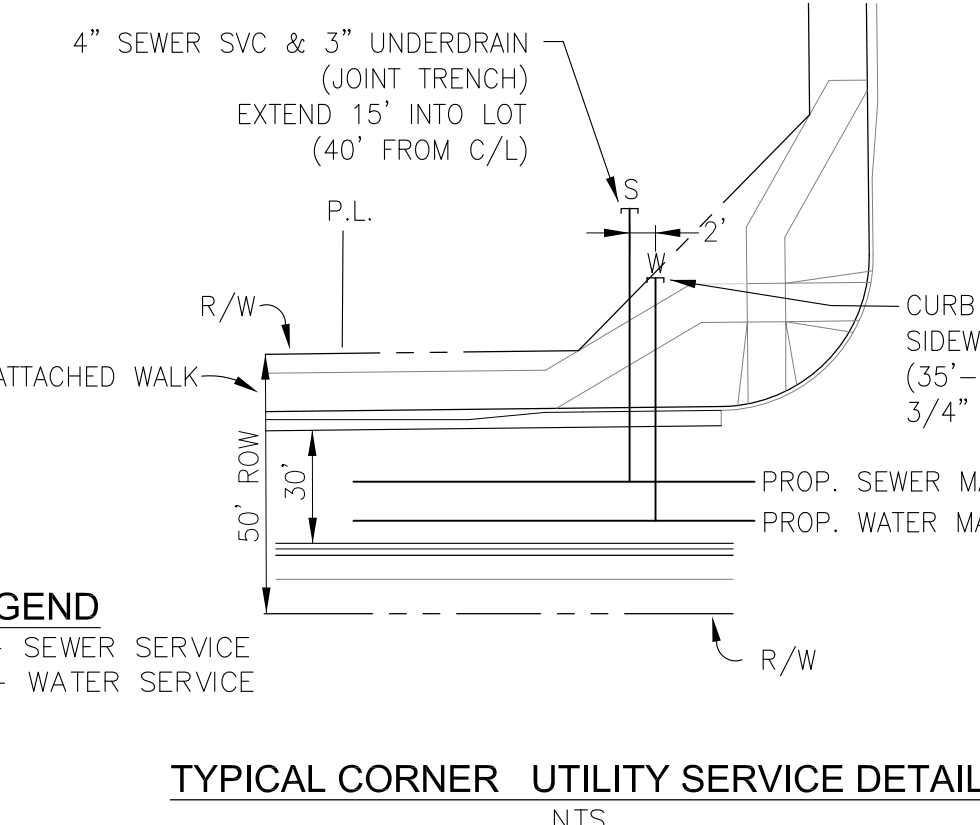
SHEET NUMBER  
**C3.1**

TOTAL SHEETS: 75

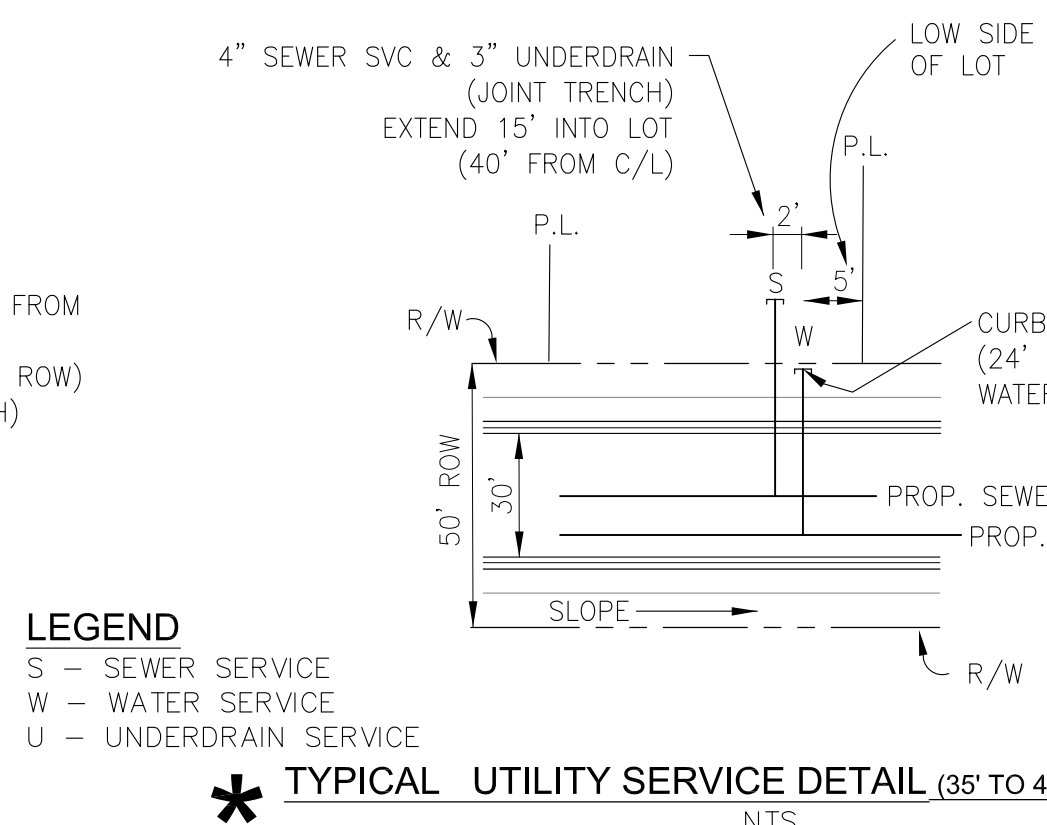




NOTE:  
1. WATER SERVICES ON ALL LOTS CROSSING STORM SEWER SHALL BE INSTALLED IN SLEEVES

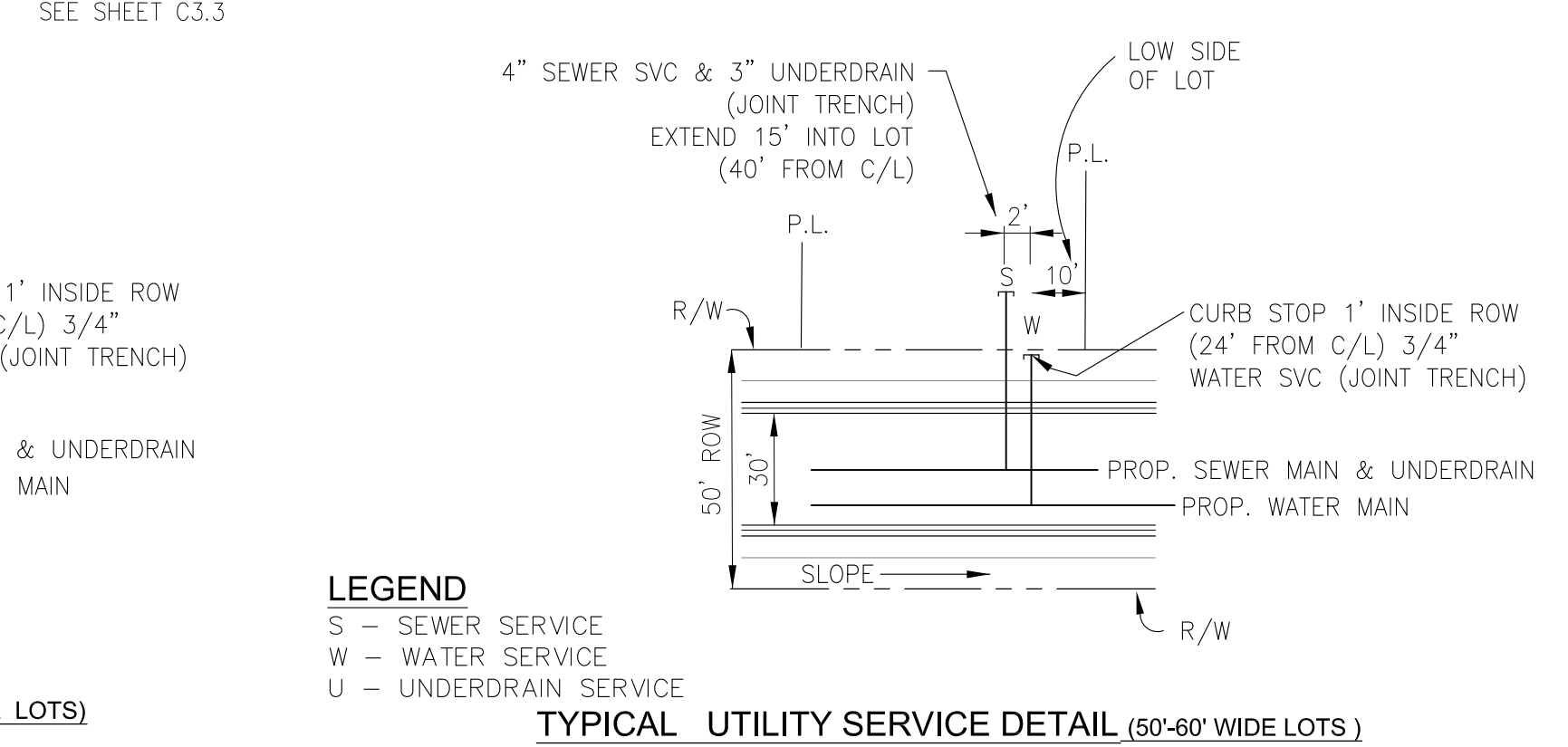


LEGEND  
S - SEWER SERVICE  
W - WATER SERVICE



LEGEND  
S - SEWER SERVICE  
W - WATER SERVICE  
U - UNDERDRAIN SERVICE

\* TYPICAL UTILITY SERVICE DETAIL (35' TO 45' WIDE LOTS)  
NTS



LEGEND  
S - SEWER SERVICE  
W - WATER SERVICE  
U - UNDERDRAIN SERVICE

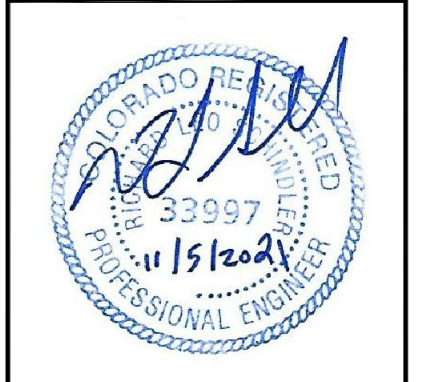
TYPICAL UTILITY SERVICE DETAIL (50'-60' WIDE LOTS)  
NTS

**CORE**  
**ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNSVILLE, MN 55306  
PH: 719.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: rich@cegi.com

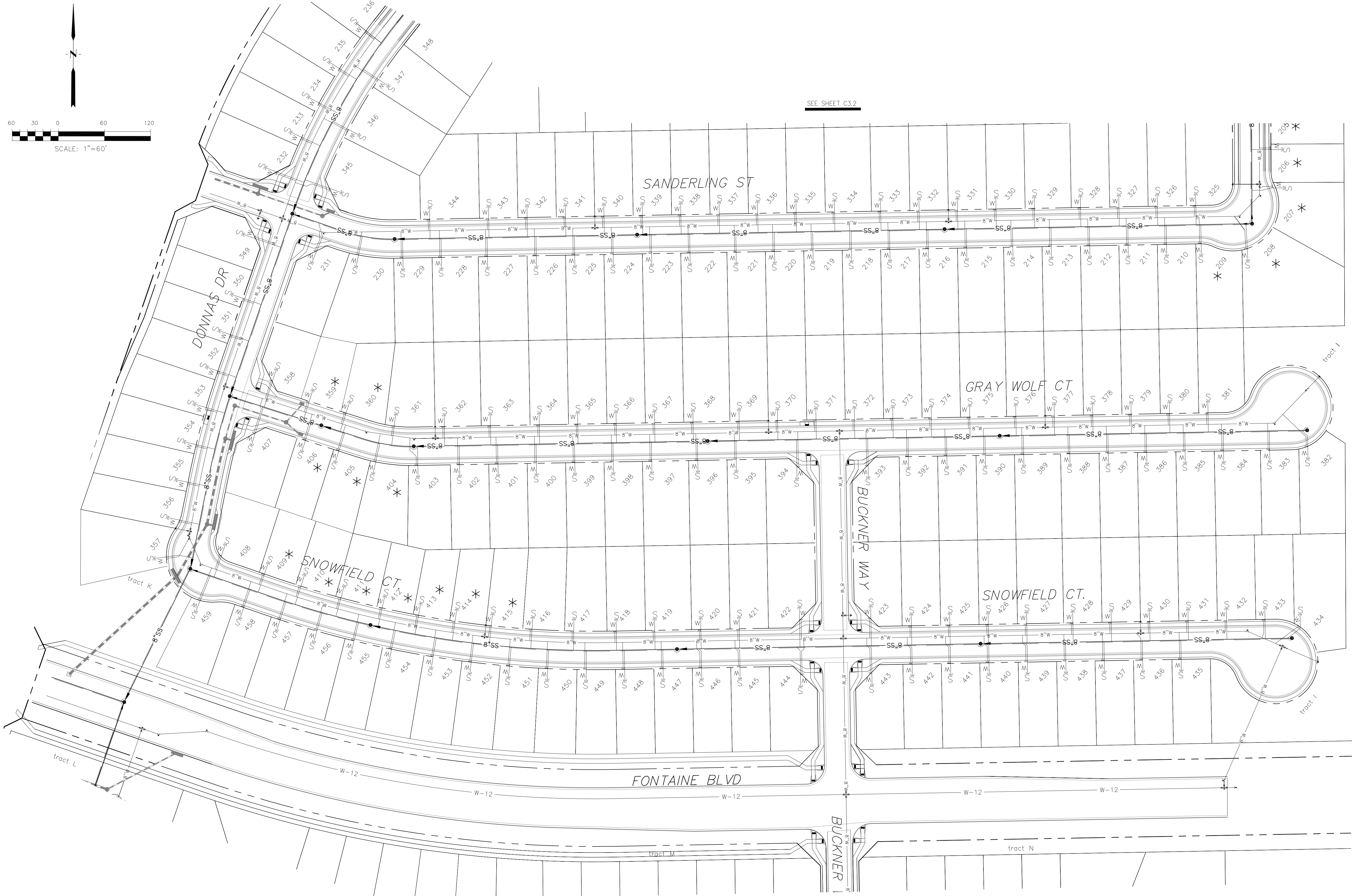
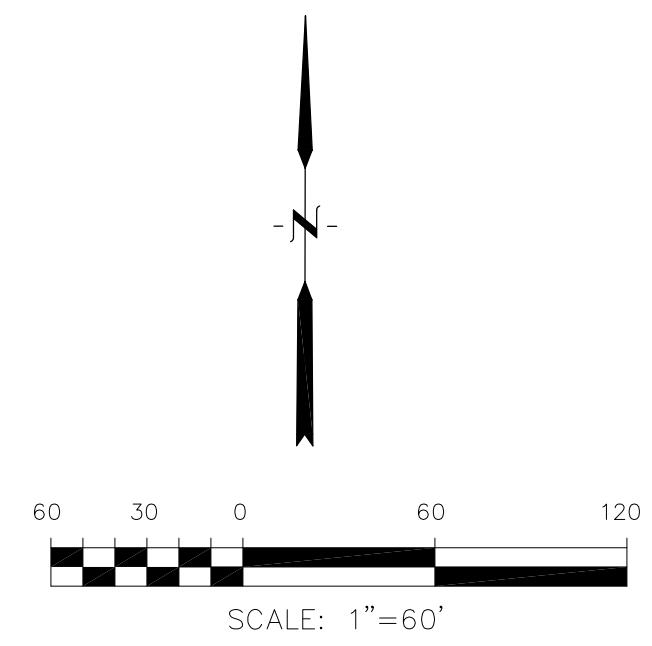
DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS  
PREPARED FOR:  
**LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
FONTAINE BLVD. - WALLEYE DR  
COLORADO SPRINGS, COLORADO

**THE RIDGE AT LORSON RANCH**  
**UTILITY SERVICES PLAN**  
**NORTH HALF**



DATE:  
NOV 5, 2021  
PROJECT NO.  
100.064  
SHEET NUMBER  
**C3.2**  
TOTAL SHEETS: 75



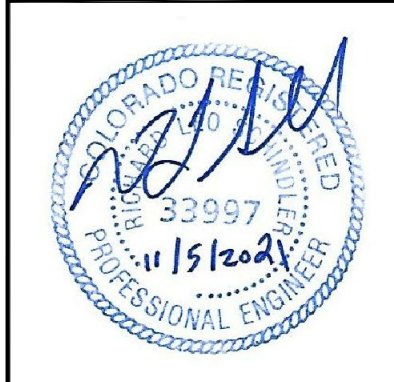
**CORE**  
**ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNSVILLE, MN 55306  
 PH: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD. - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

**THE RIDGE AT LORSON RANCH**  
**UTILITY SERVICES PLAN**  
**NORTH HALF**



DATE:  
 NOV 5, 2021

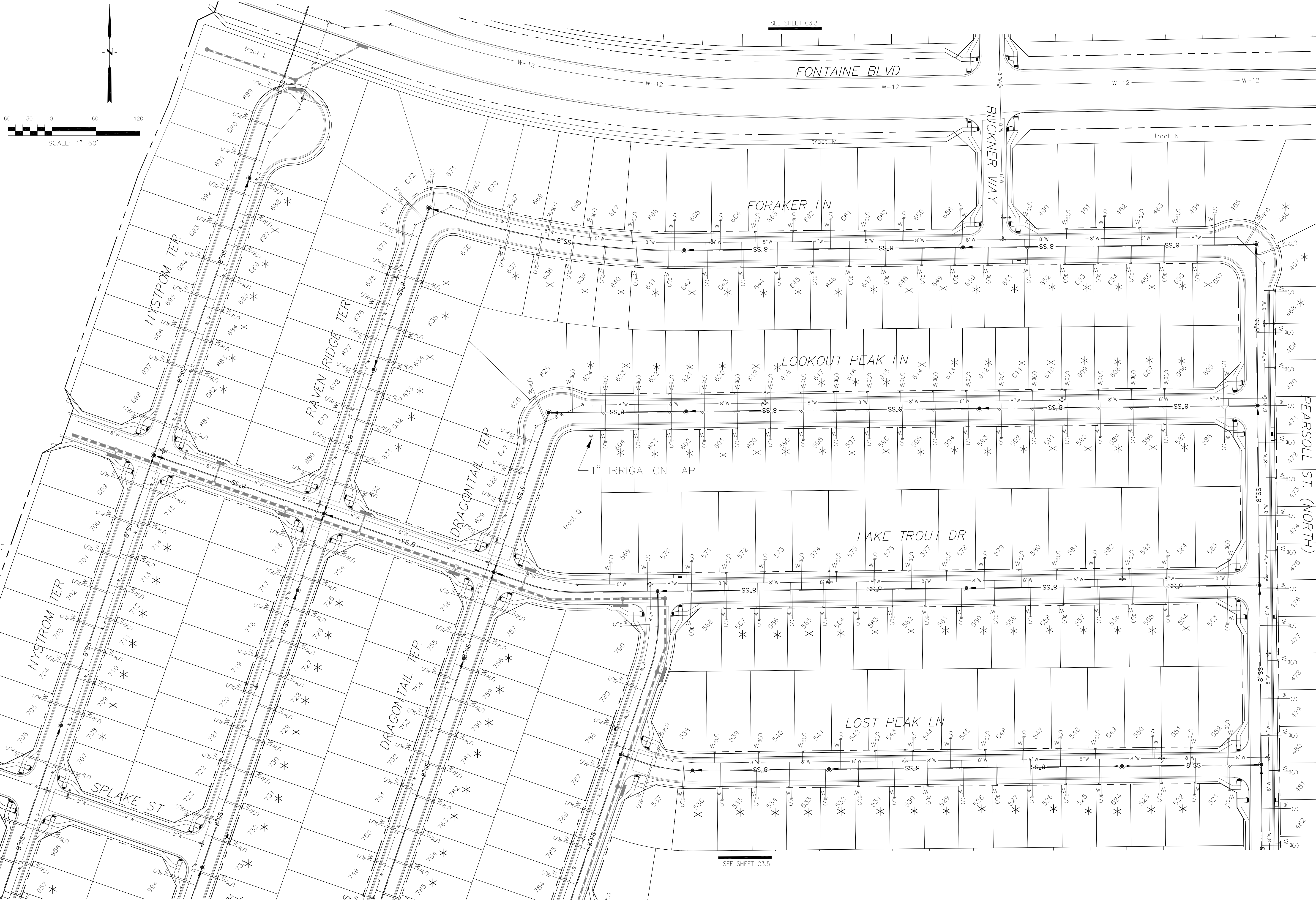
PROJECT NO.  
 100.064

SHEET NUMBER  
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TOTAL SHEETS: 75

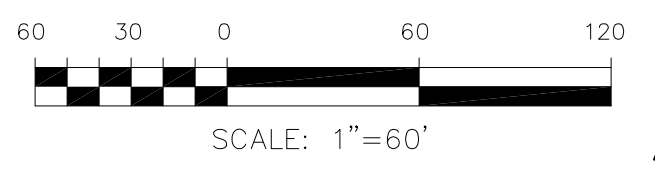
SEE SHEET C3.4

SEE SHEET C3.2

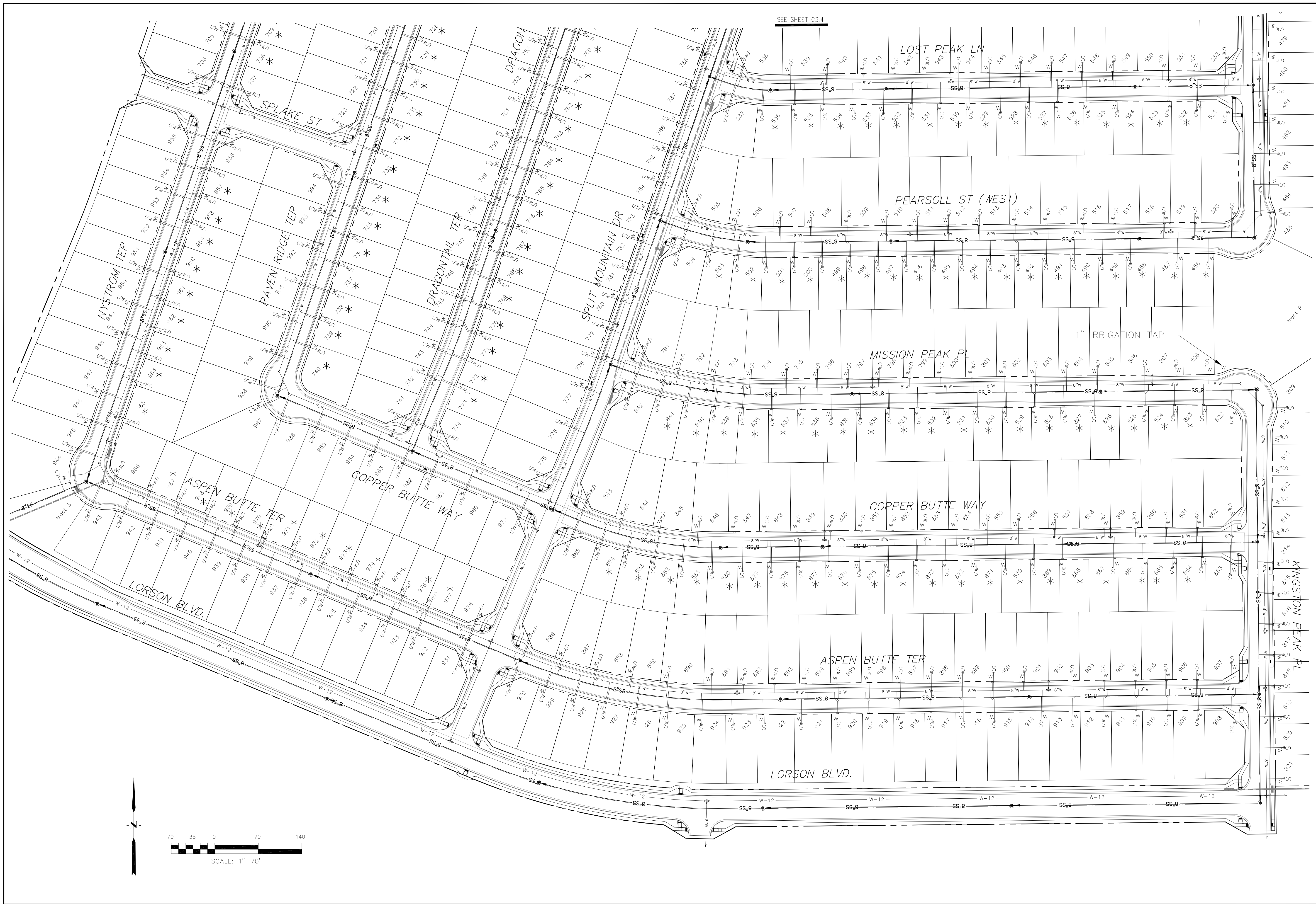


SEE SHEET C3.3

SEE SHEET C3.5



<b>CORE</b> ENGINEERING GROUP	
15004 1ST AVENUE S. BURNSVILLE, MN 55306 PH: 719.570.1100 CONTACT: RICHARD L. SCHINDLER, P.E. EMAIL: rich@cegi.com	
PREPARED FOR: <b>LORSON, LLC</b> 212 N. WAHSATCH AVE., SUITE 301 COLORADO SPRINGS, COLORADO 80903 CONTACT: JEFF MARK	PROJECT: <b>THE RIDGE AT LORSON RANCH</b> FONTAINE BLVD. - WALLEYE DR COLORADO SPRINGS, COLORADO
DRAWN: RLS DESIGNED: RLS CHECKED: RLS	DATE: _____ DESCRIPTION: _____ NO. _____
<b>THE RIDGE AT LORSON RANCH</b> <b>UTILITY SERVICES PLAN</b> <b>SOUTH HALF</b>	
DATE: NOV 5, 2021	
PROJECT NO. 100.064	
SHEET NUMBER <b>C3.4</b>	
TOTAL SHEETS: 75	



**CORE**  
**ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNSVILLE, MN 55306  
 PH: 719.579.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: rich@cegi.com

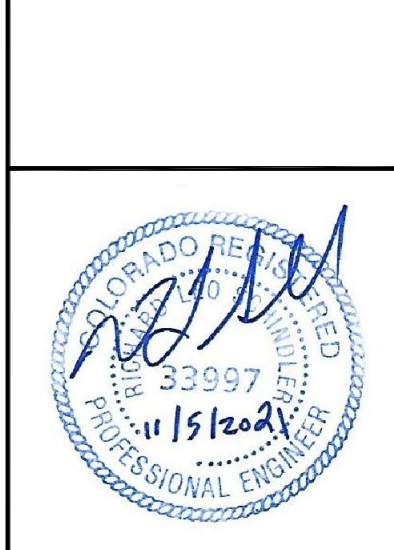
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD. - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**THE RIDGE AT LORSON RANCH**  
**UTILITY SERVICES PLAN**  
**SOUTH HALF**



DATE:  
 NOV 5, 2021

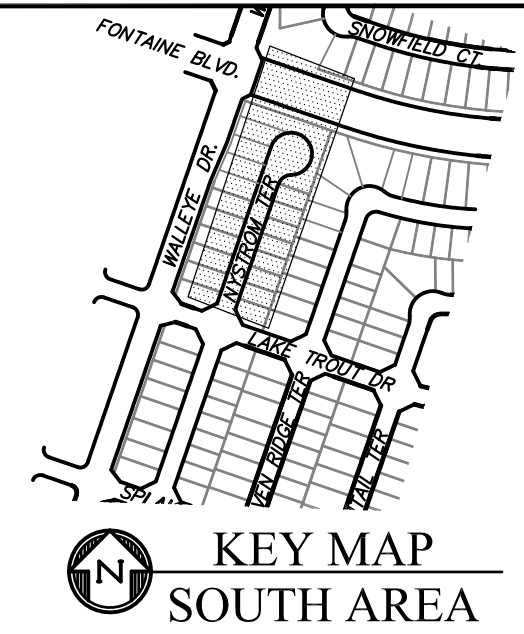
PROJECT NO.  
 100.064

SHEET NUMBER  
**C3.5**

TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



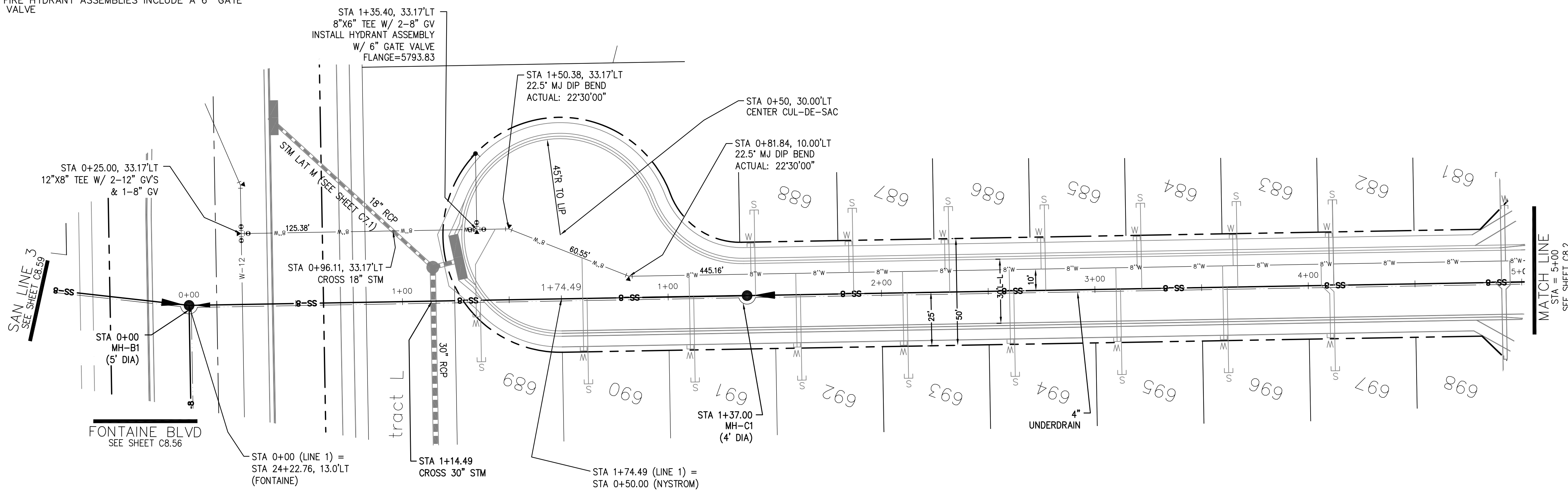
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 700, SUITE 5506  
 DENVER, CO 80231  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_

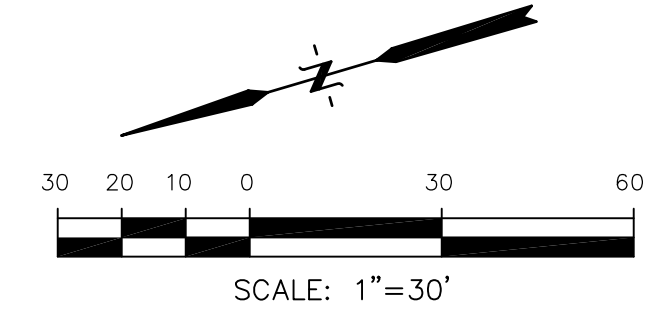
PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

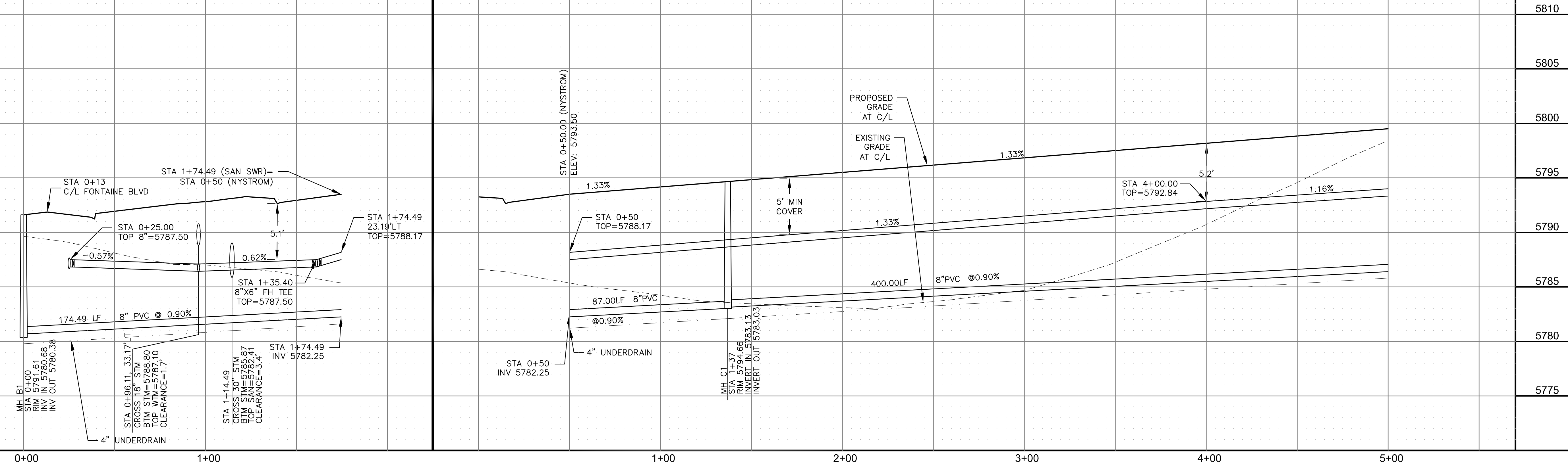


**NYSTROM TERRACE**



**SAN LINE 1 PROFILE**

SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'



**SAN / WATERMAIN - SOUTH AREA**  
**NYSTROM TERRACE**  
**STA 0+50 TO 5+00**



DATE:  
 NOV 5, 2021

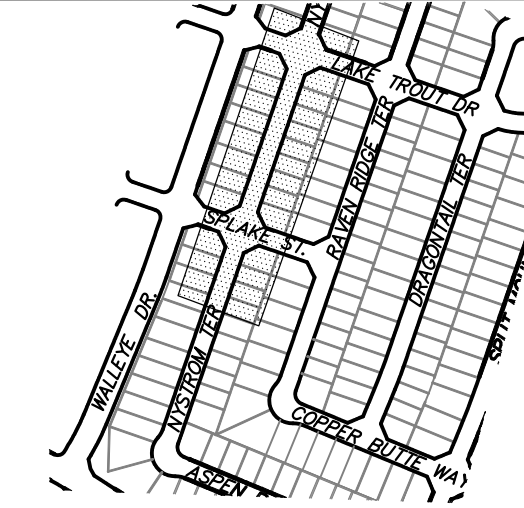
PROJECT NO.  
 100.064

SHEET NUMBER  
 C8.1

TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE

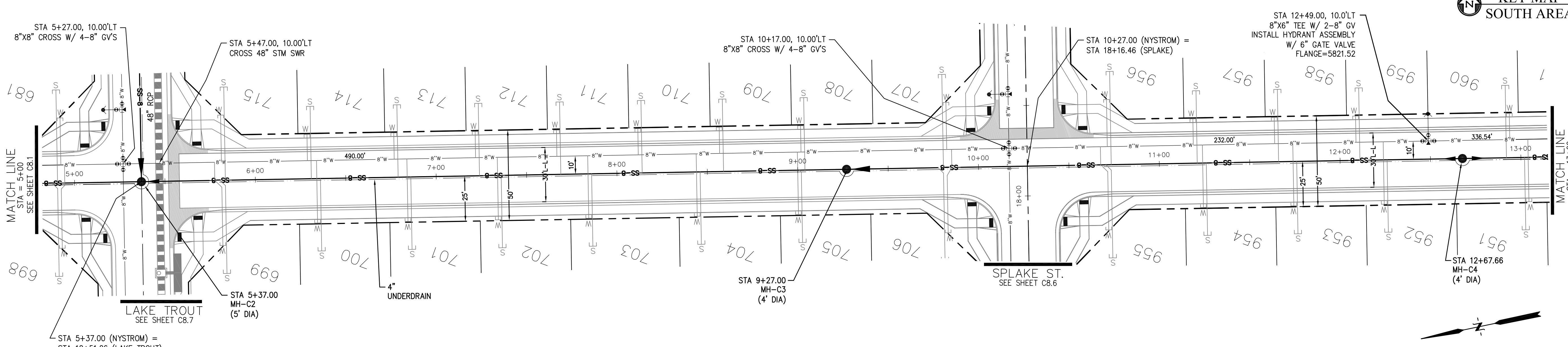


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRMGHAM, AL 35206  
 PH: 205 970 1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

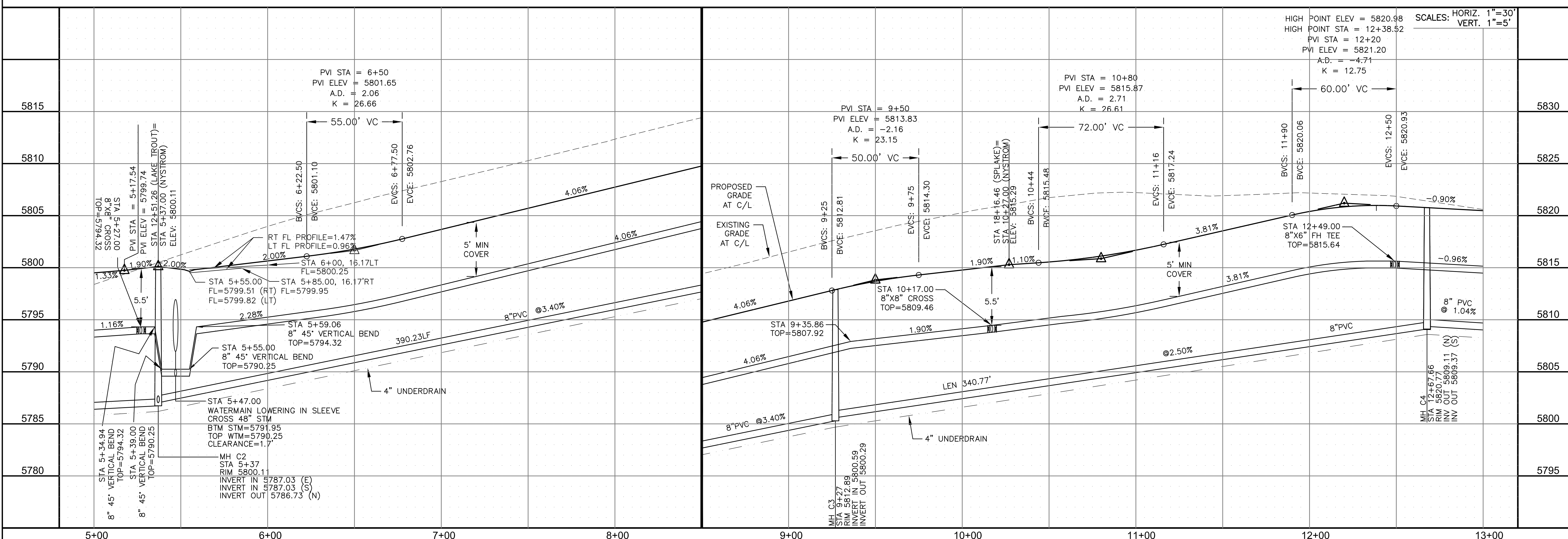
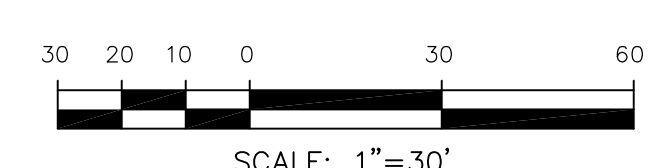
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 (719) 635-3200  
 CONTACT: JEFF MARK

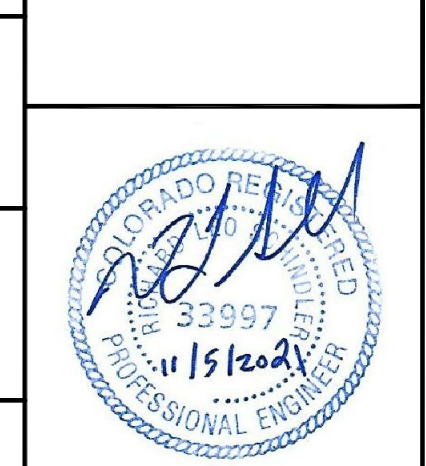
PROJECT:  
**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO



**NYSTROM TERRACE**



**SAN / WATERMAIN - SOUTH AREA**  
**NYSTROM TERRACE**  
**STA 5+00 TO 13+00**



DATE:  
 NOV 5, 2021

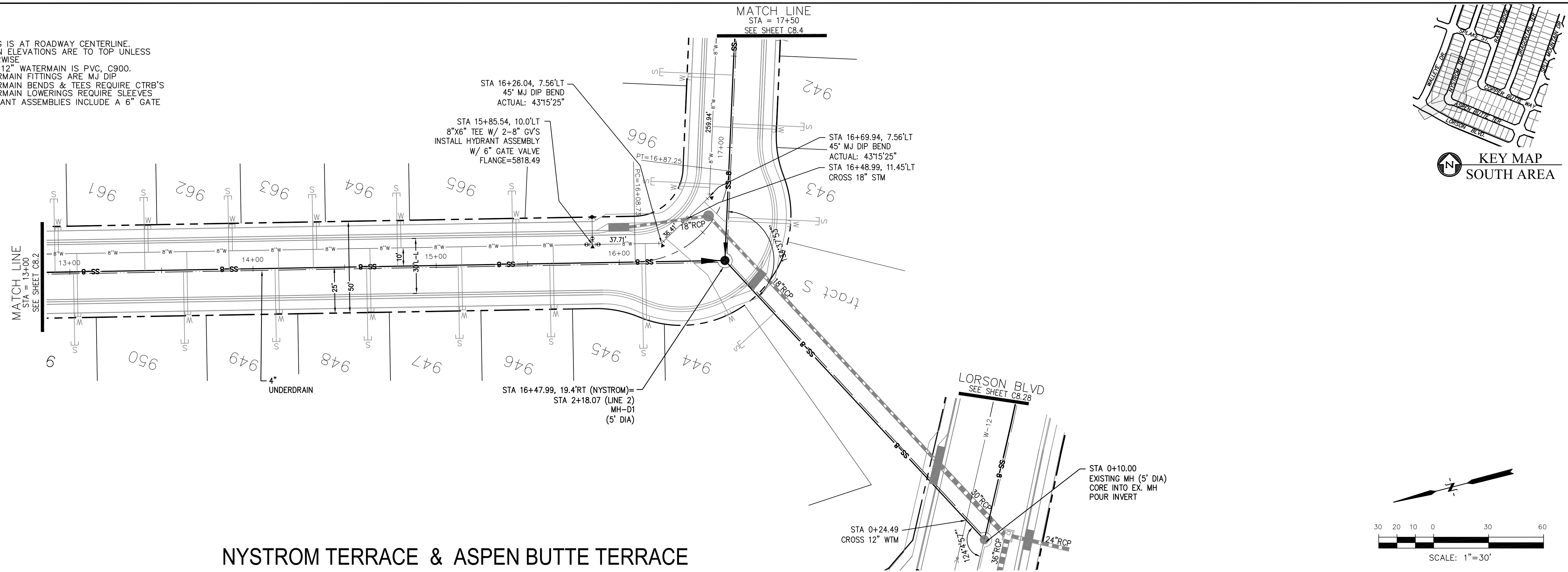
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SHEET NUMBER  
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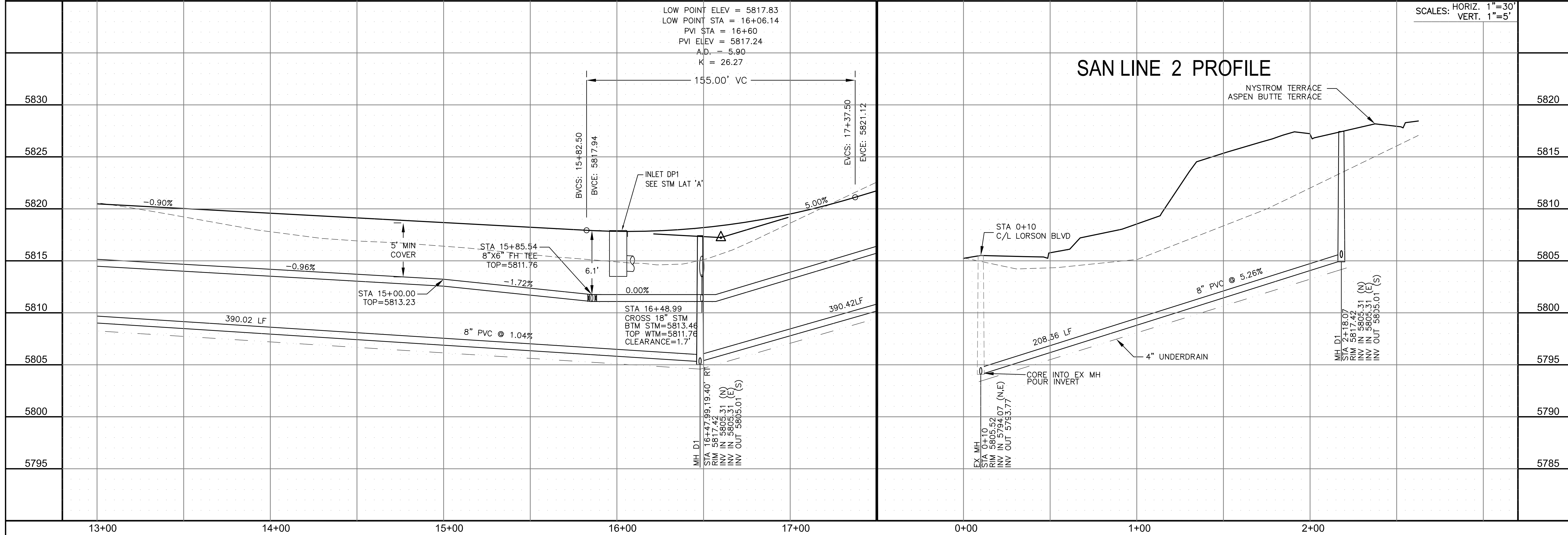
TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**NYSTROM TERRACE & ASPEN BUTTE TERRACE**



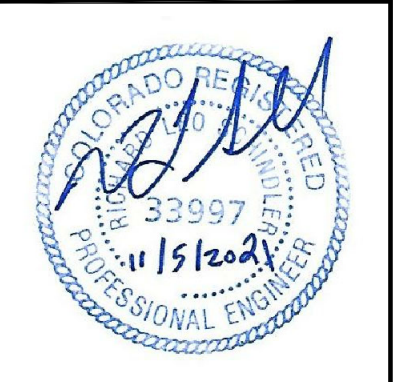
SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80232  
PHONE: 727.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT: **THE RIDGE AT LORSON RANCH**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**NYSTROM TERRACE**  
**STA 13+00 TO 17+50**



DATE: NOV 5, 2021

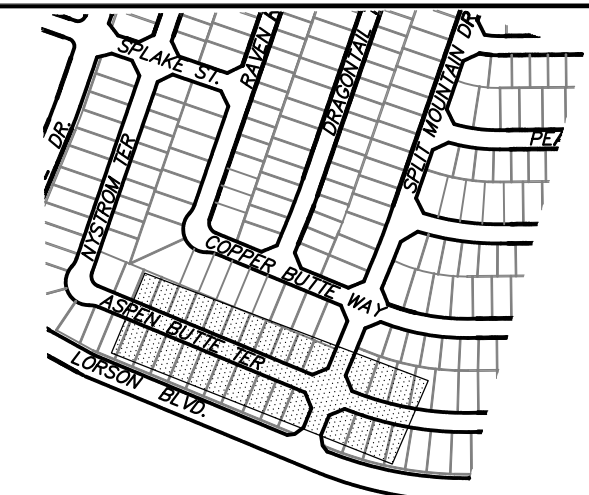
PROJECT NO. 100.064

SHEET NUMBER C8.3

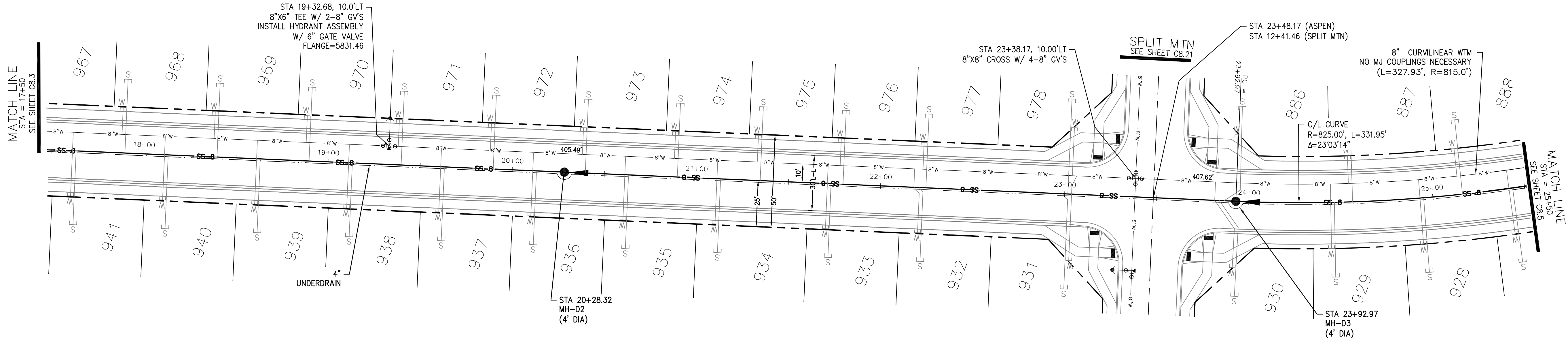
TOTAL SHEETS: 75

**NOTES**

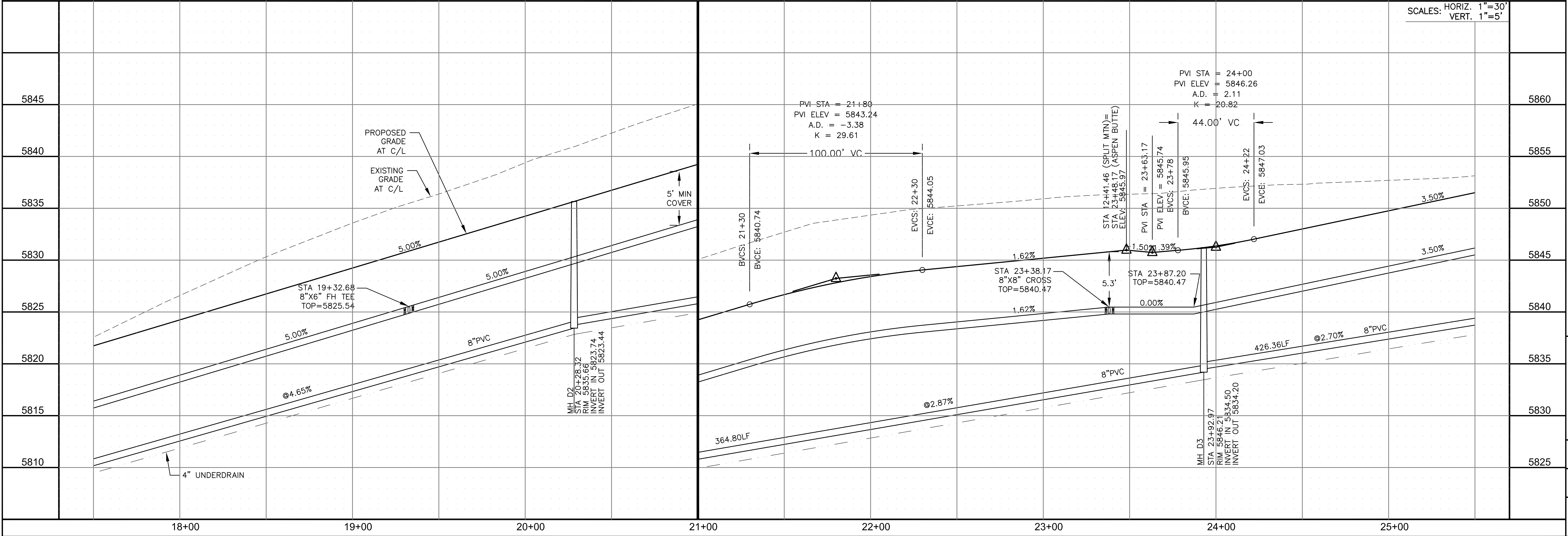
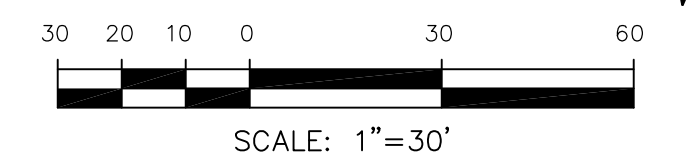
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



KEY MAP  
SOUTH AREA



**ASPEN BUTTE TERRACE**



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNING WOODS, CO 80906  
PH: 719.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT: **AT THE RIDGE LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**ASPEN BUTTE TERRACE**  
**STA 17+50 TO 25+50**



DATE:  
NOV 5, 2021

PROJECT NO.  
100.064

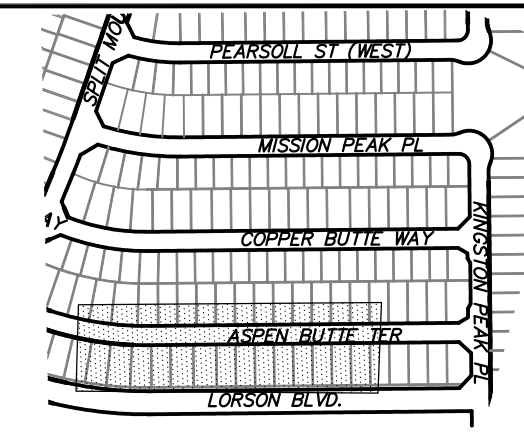
SHEET NUMBER  
C8.4

TOTAL SHEETS: 75

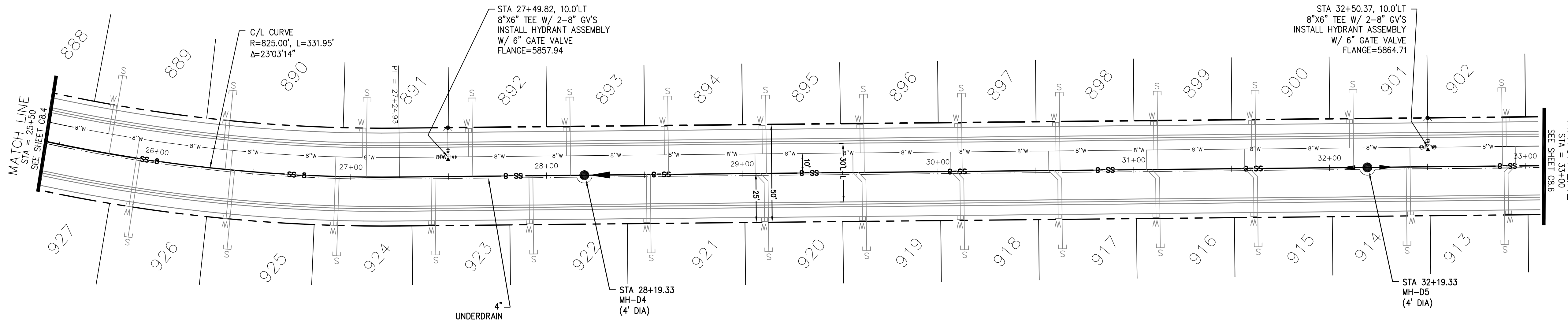


**NOTES**

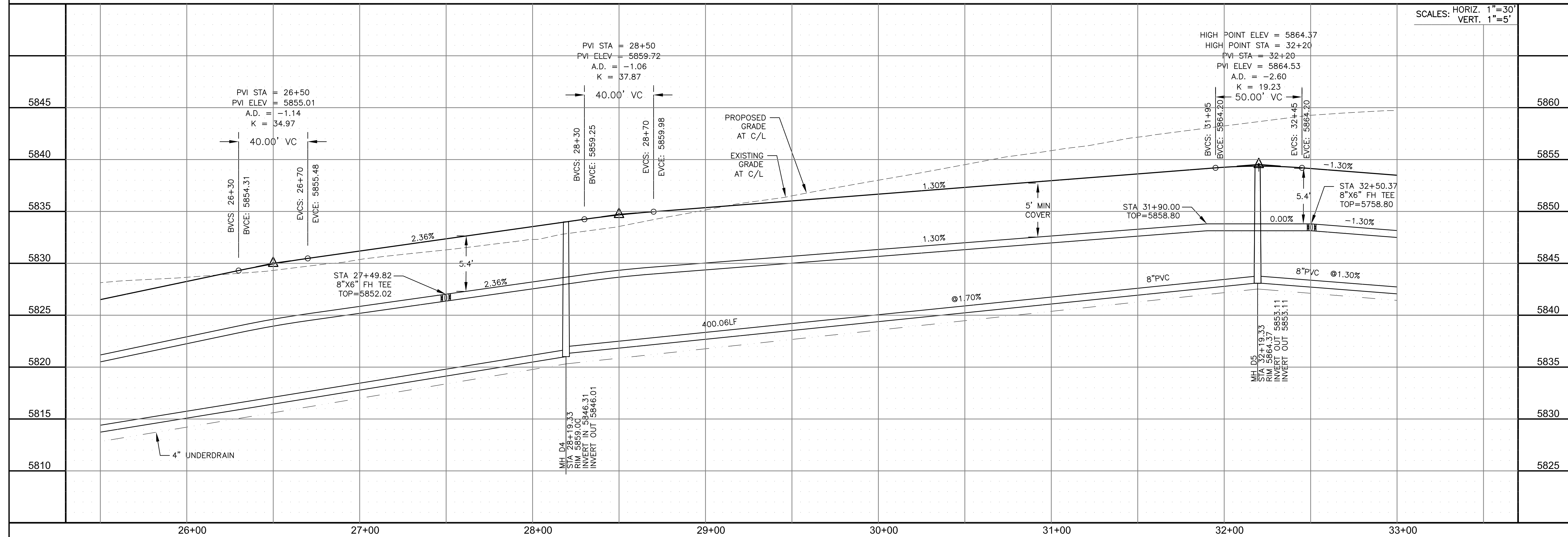
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



KEY MAP  
SOUTH AREA



**ASPEN BUTTE TERRACE**

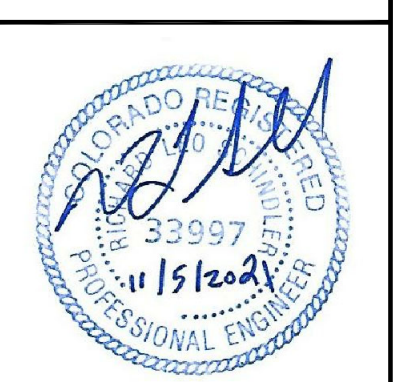


**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80202  
PHONE: 720.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT: **THE RIDGE AT LORSON RANCH**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**ASPEN BUTTE TERRACE**  
**STA 25+50 TO 33+00**

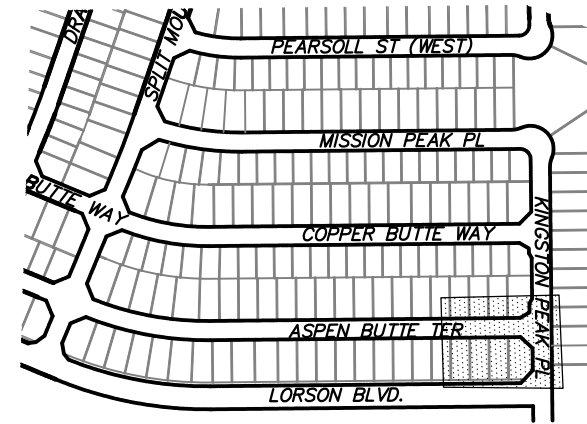
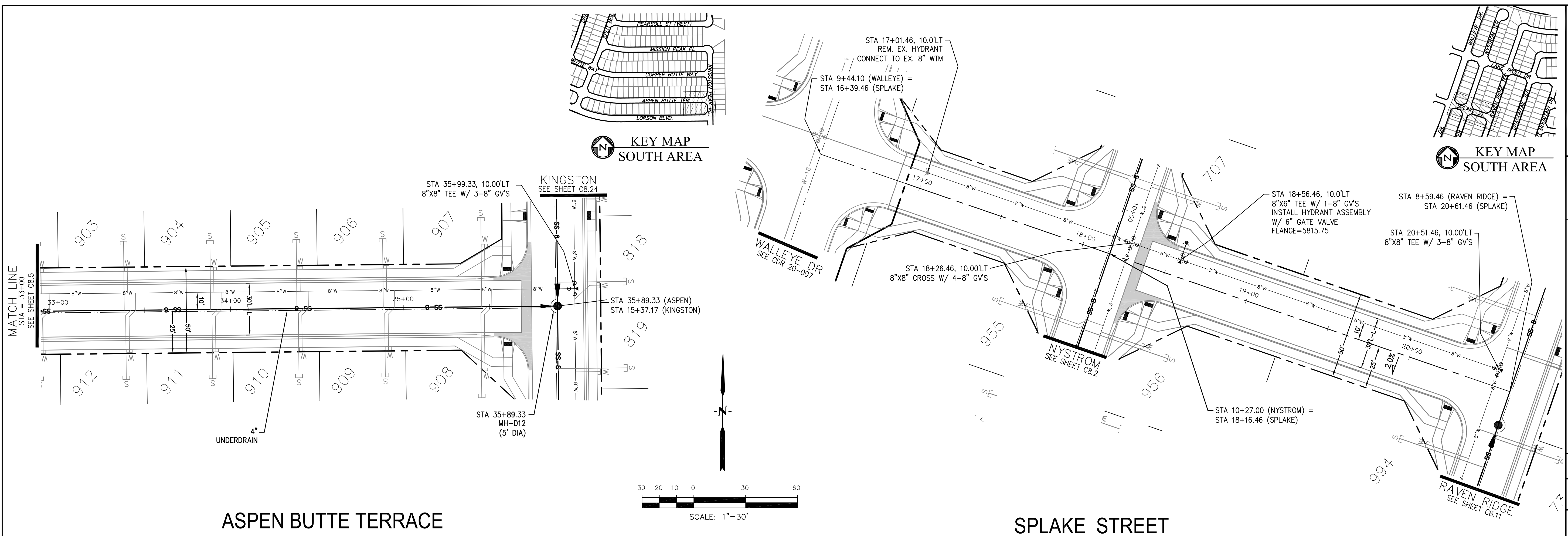


DATE:  
NOV 5, 2021

PROJECT NO.  
**100.064**

SHEET NUMBER  
**C8.5**

TOTAL SHEETS: 75

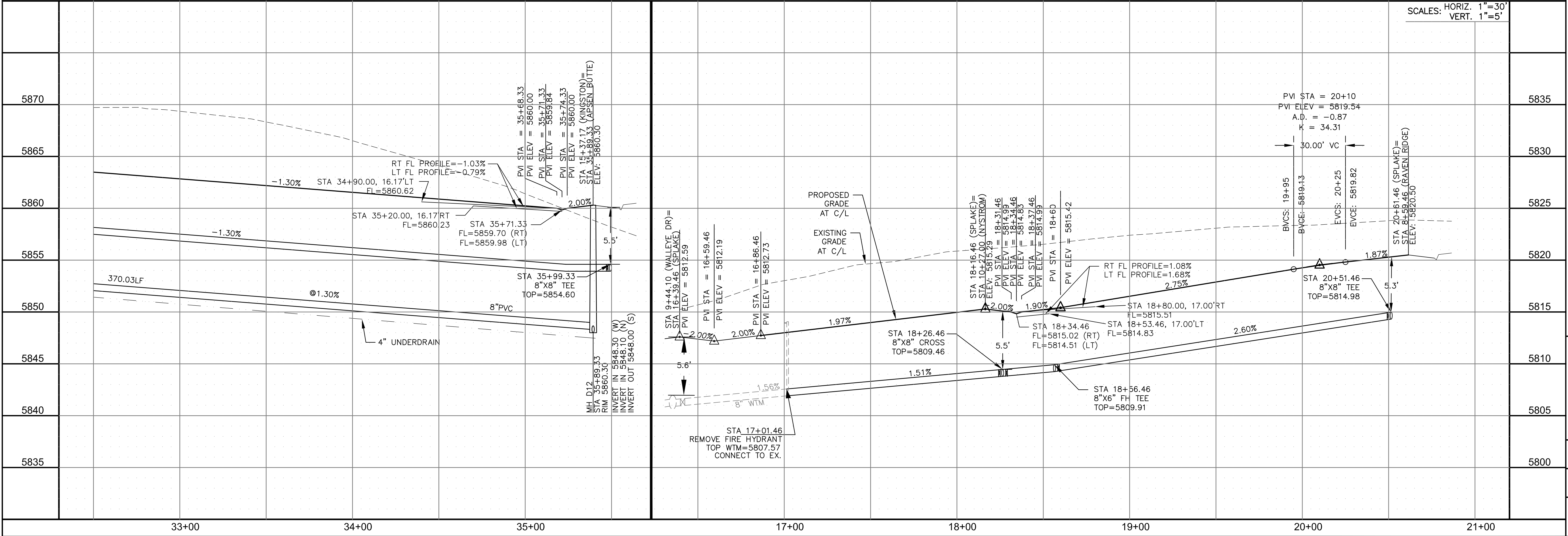


**CORE**  
**ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 700, SUITE 55506  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

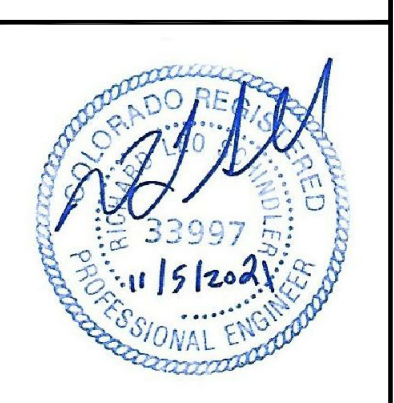
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO.: \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE**  
**AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO



SAN / WATERMAIN - SOUTH AREA  
 ASPEN BUTTE TERRACE & SPLAKE ST  
 STA 33+00 TO 35+89

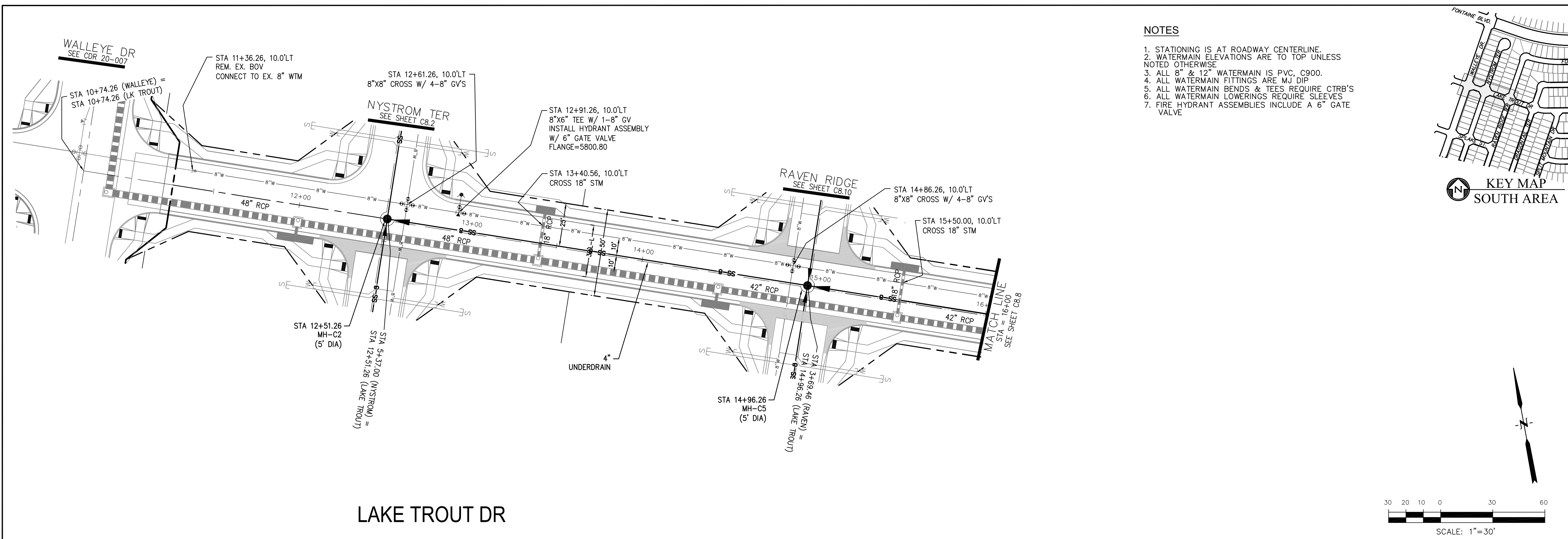


DATE:  
 NOV 5, 2021

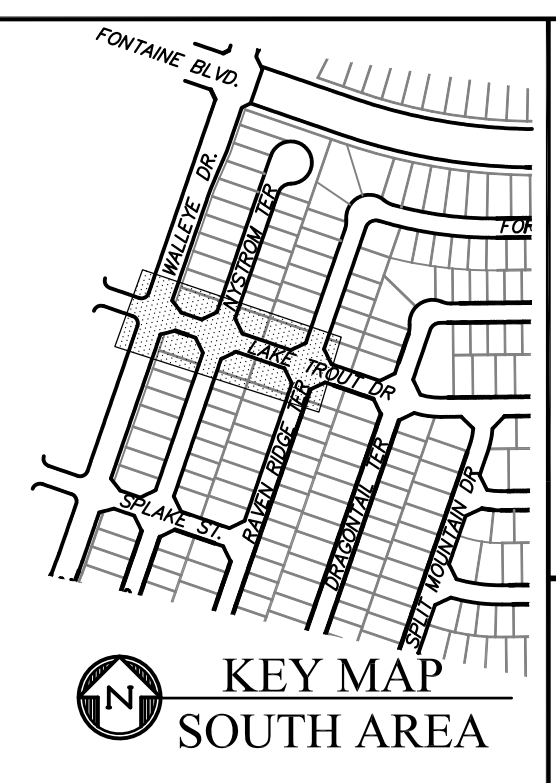
PROJECT NO.  
 100.064

SHEET NUMBER  
 C8.6

TOTAL SHEETS: 75



- NOTES**
1. STATIONING IS AT ROADWAY CENTERLINE.
  2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
  3. ALL 8" & 12" WATERMAIN IS PVC C900.
  4. ALL WATERMAIN FITTINGS ARE MJ DIP.
  5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
  6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
  7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



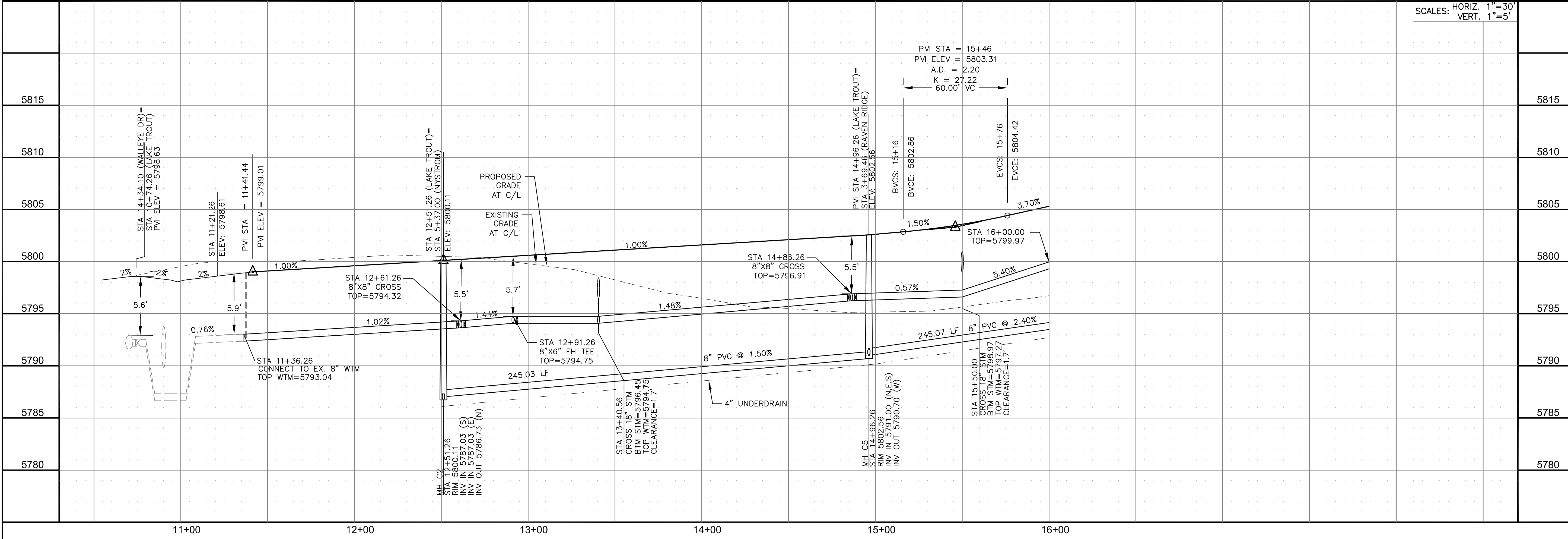
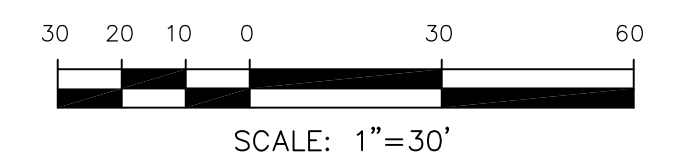
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRCH CREEK, CO 80150  
 PHONE: 303.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

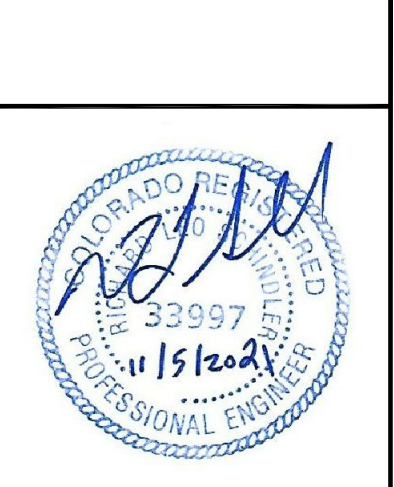
DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

LAKE TROUT DR



SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'

SAN / WATERMAIN - SOUTH AREA  
 LAKE TROUT DRIVE  
 STA 11+21 TO 16+00

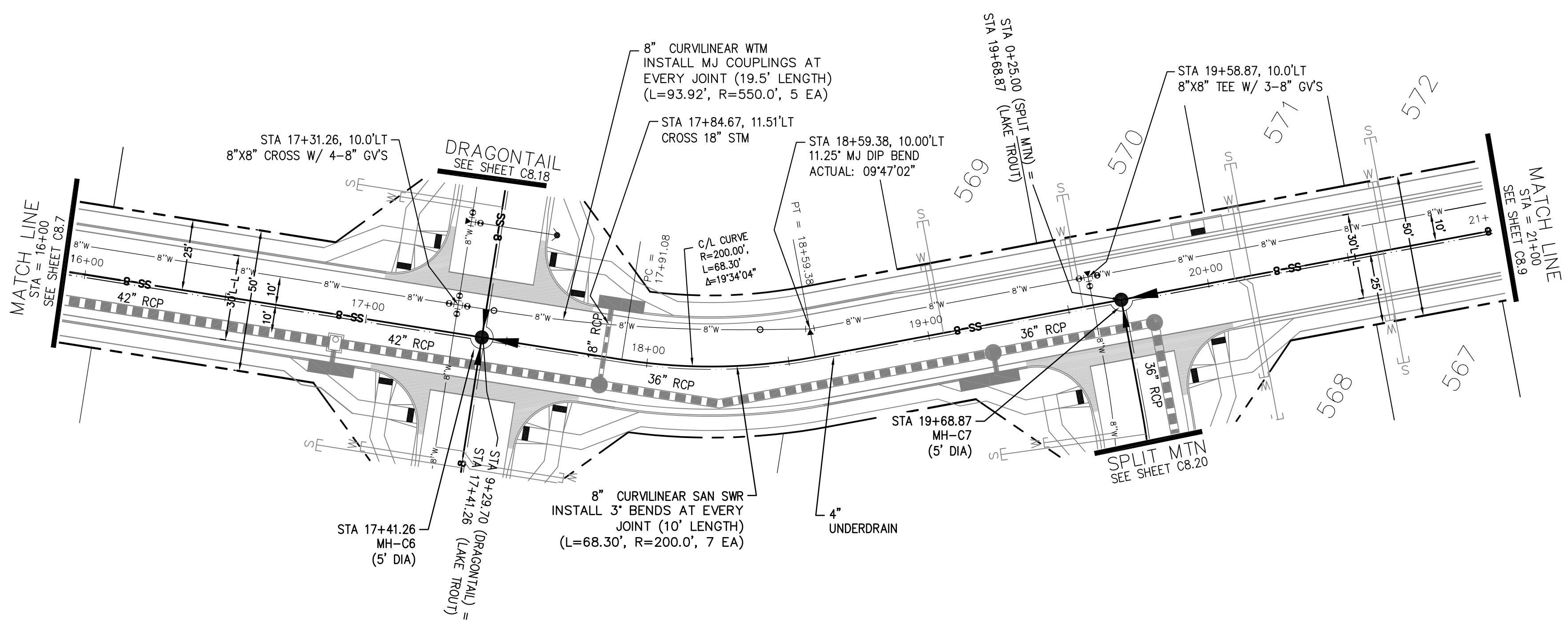


DATE:  
 NOV 5, 2021

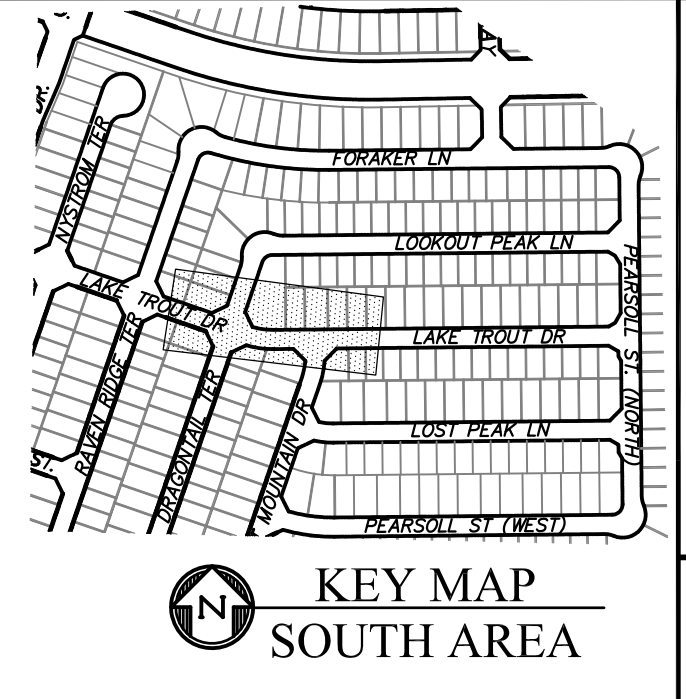
PROJECT NO.  
 100.064

SHEET NUMBER  
 C8.7

TOTAL SHEETS: 75

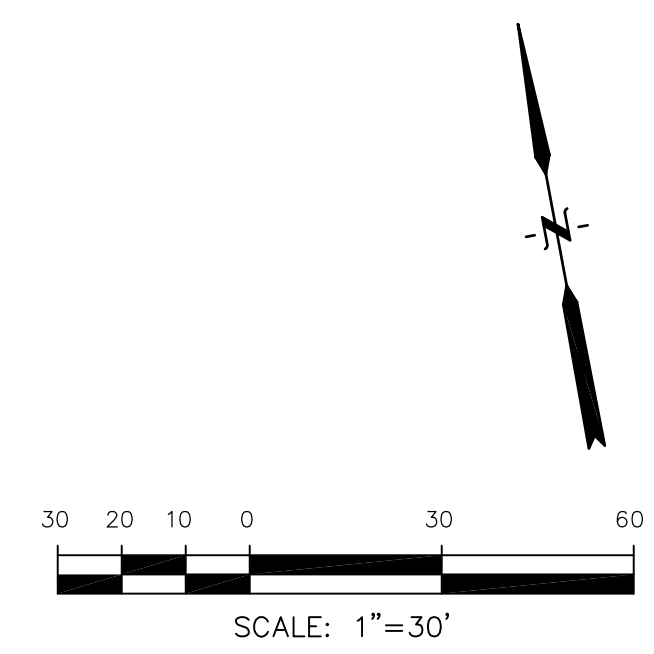


- NOTES**
1. STATIONING IS AT ROADWAY CENTERLINE.
  2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
  3. ALL 8" & 12" WATERMAIN IS PVC, C900.
  4. ALL WATERMAIN FITTINGS ARE MJ DIP.
  5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
  6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
  7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.

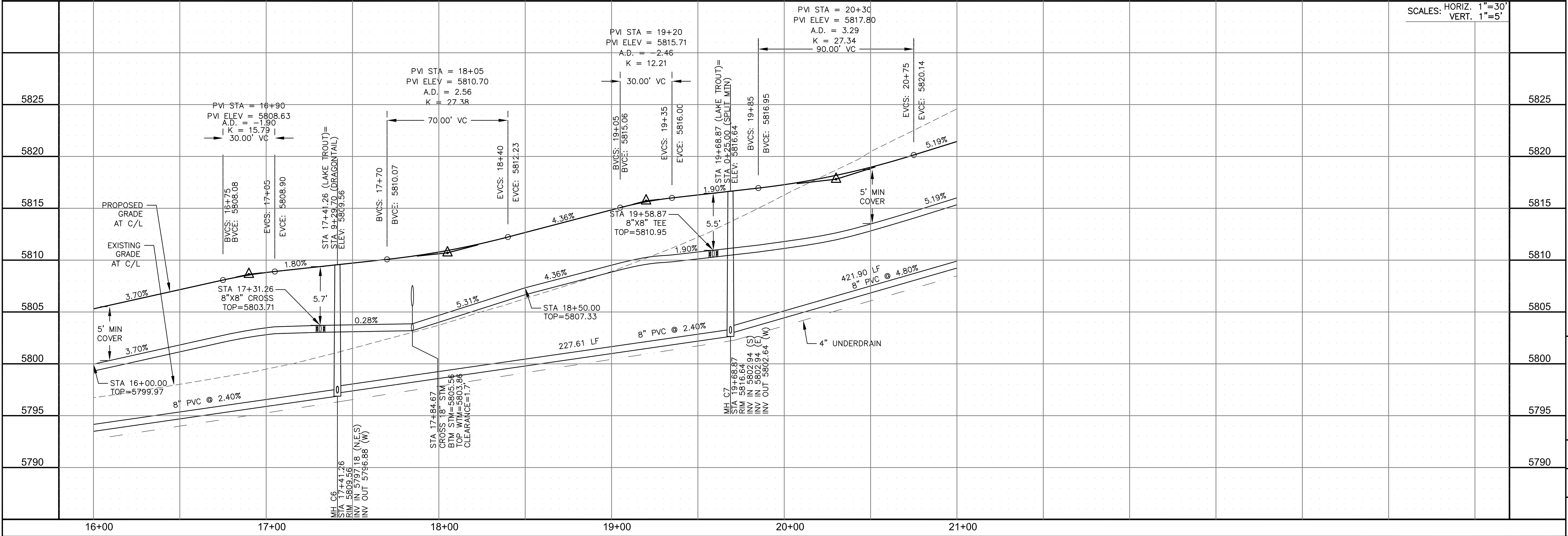


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 1000  
 PLAZA 970 1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK



**LAKE TROUT DR**



**SAN / WATERMAIN - SOUTH AREA**  
**LAKE TROUT DRIVE**  
**STA 16+00 TO 21+00**

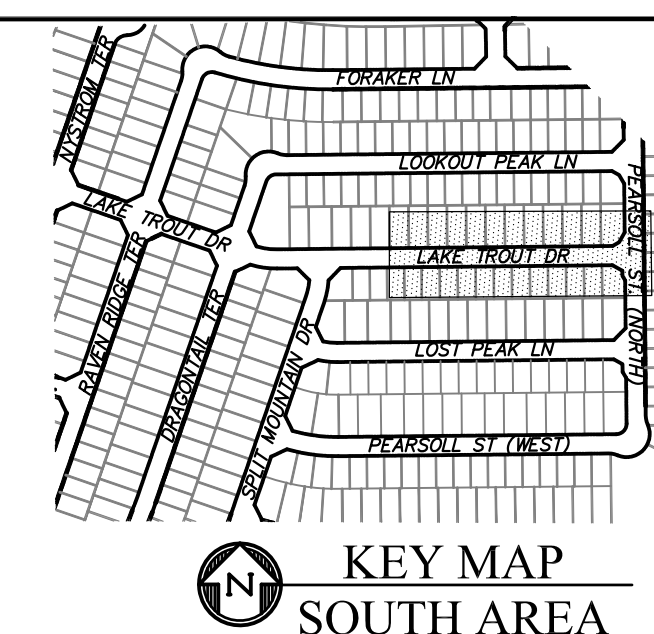
SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'

DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.8  
 TOTAL SHEETS: 75



**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.

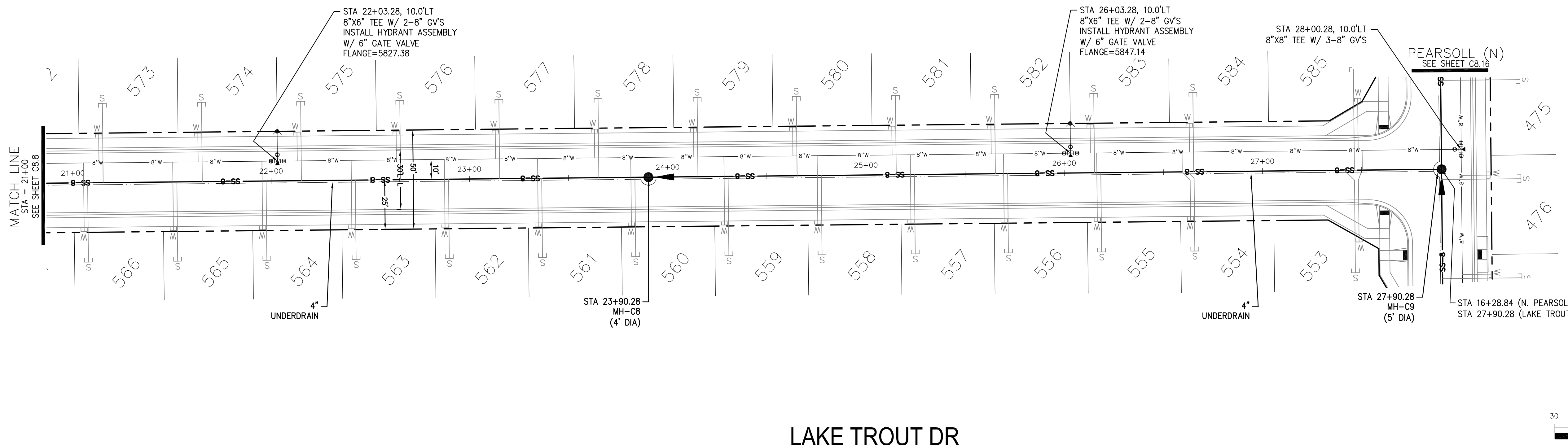


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRMGHAM, AL 35206  
 PH: 205 970 1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

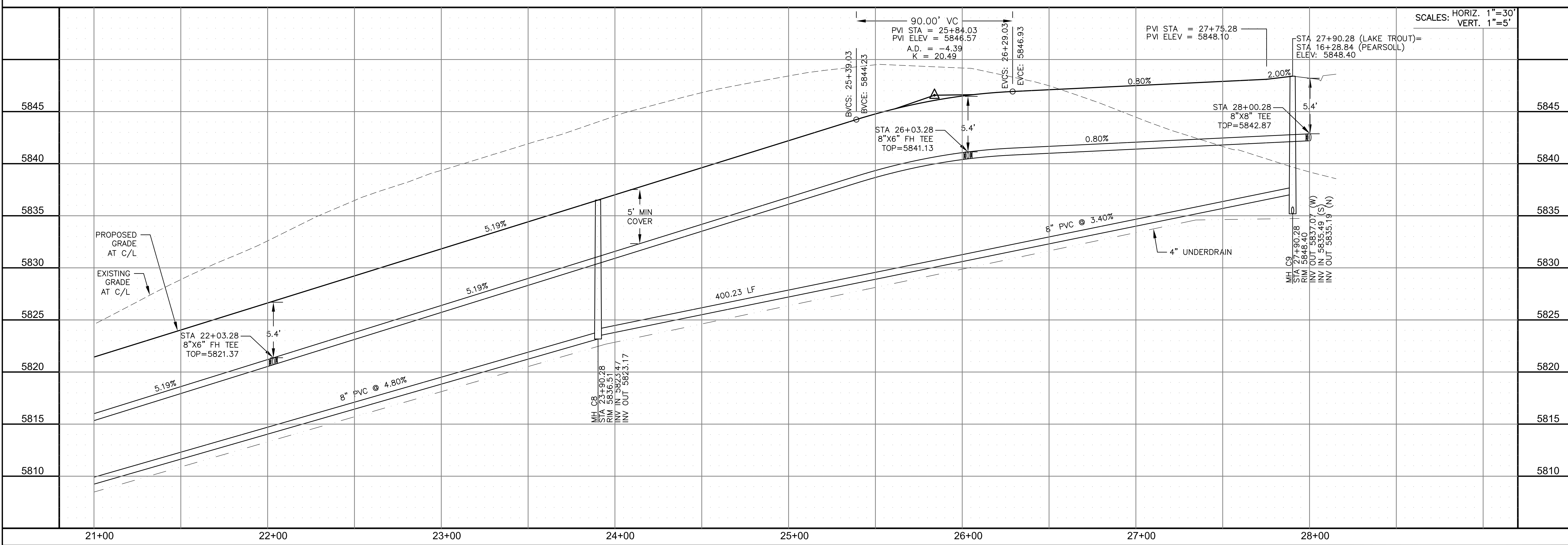
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

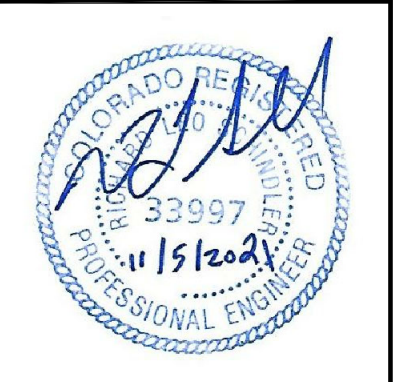
DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS



**LAKE TROUT DR**



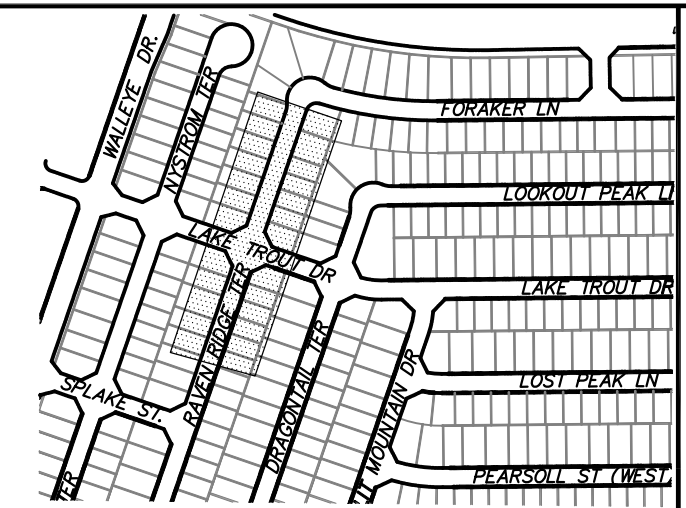
**SAN / WATERMAIN - SOUTH AREA**  
**LAKE TROUT DRIVE**  
**STA 21+00 TO 28+00**



DATE: **NOV 5, 2021**  
 PROJECT NO. **100.064**  
 SHEET NUMBER **C8.9**  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 790  
 DENVER, CO 80231  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

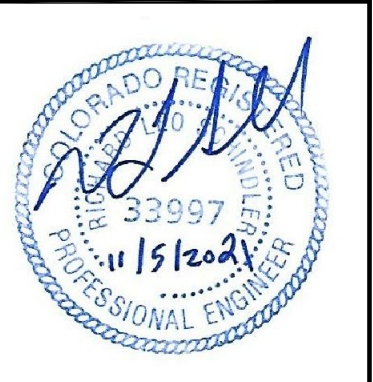
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE, SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**RAVEN RIDGE TERRACE**  
**STA 0+00 TO 7+50**

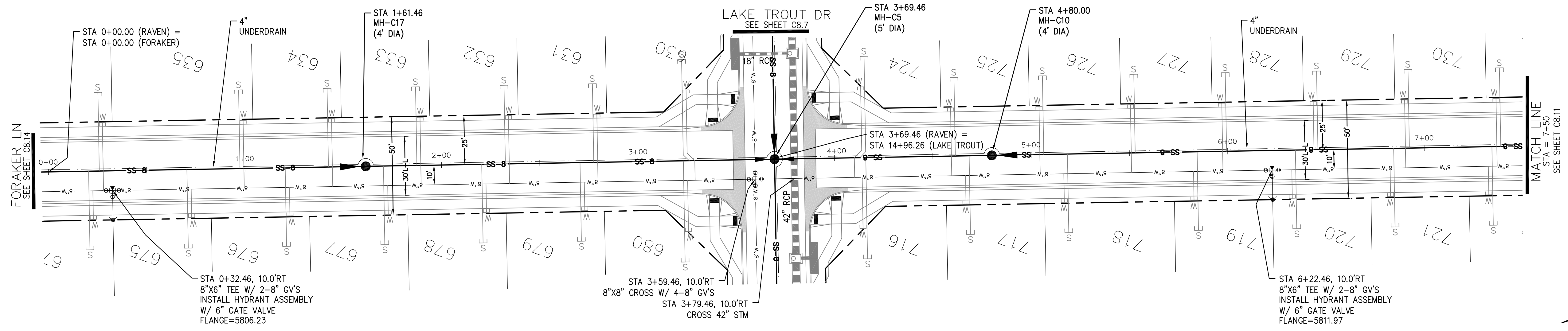


DATE:  
 NOV 5, 2021

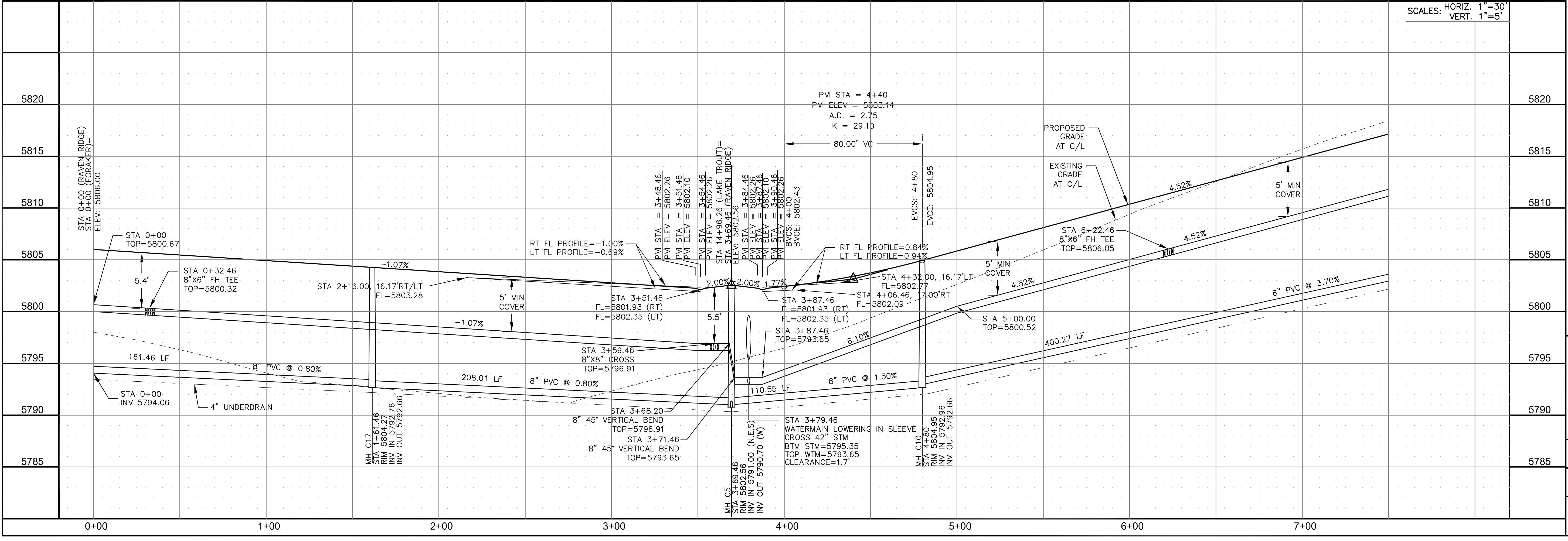
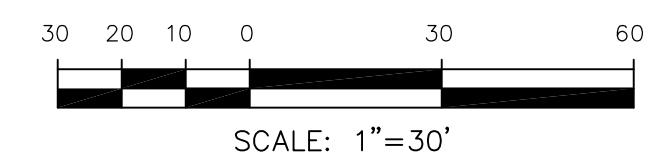
PROJECT NO.  
 100.064

SHEET NUMBER  
 C8.10

TOTAL SHEETS: 75



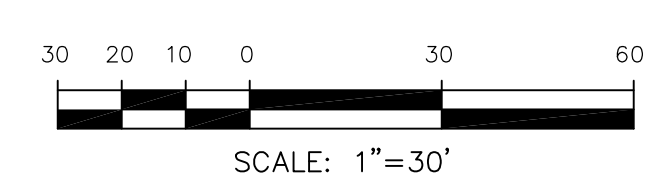
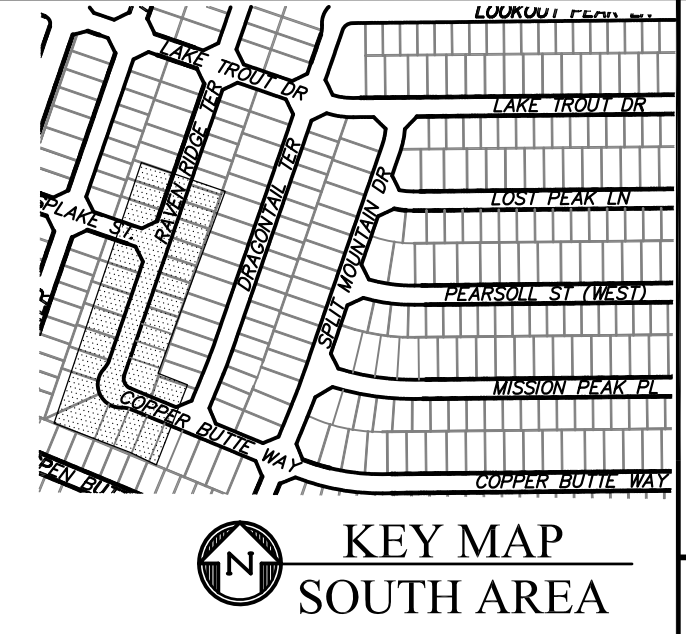
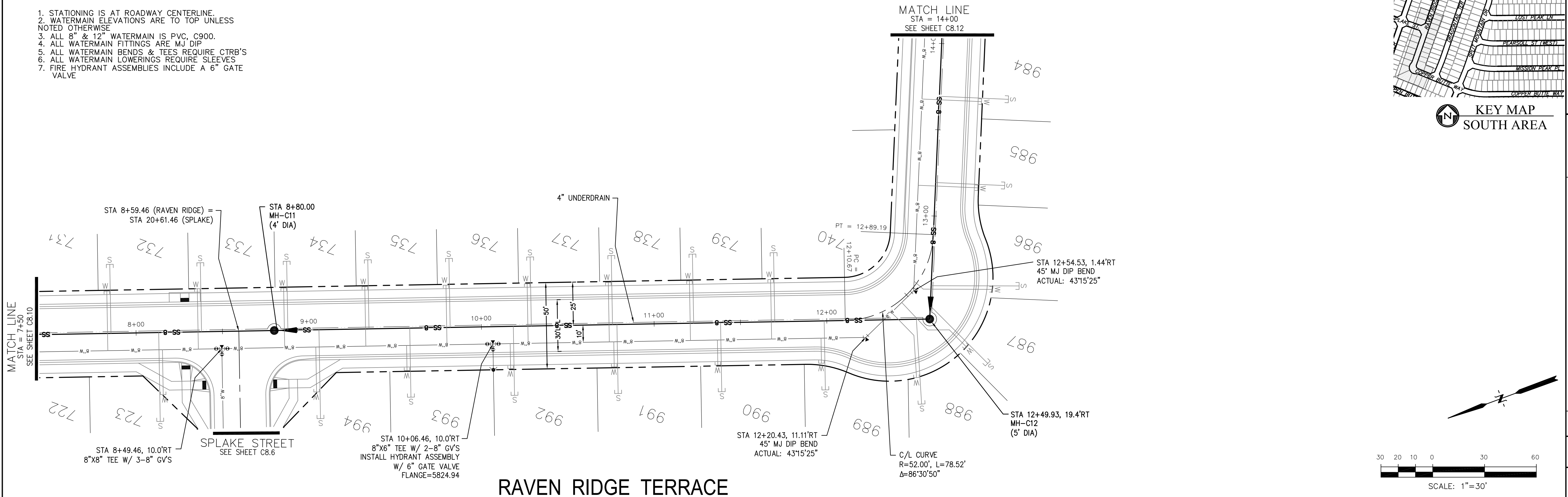
**RAVEN RIDGE TERRACE**



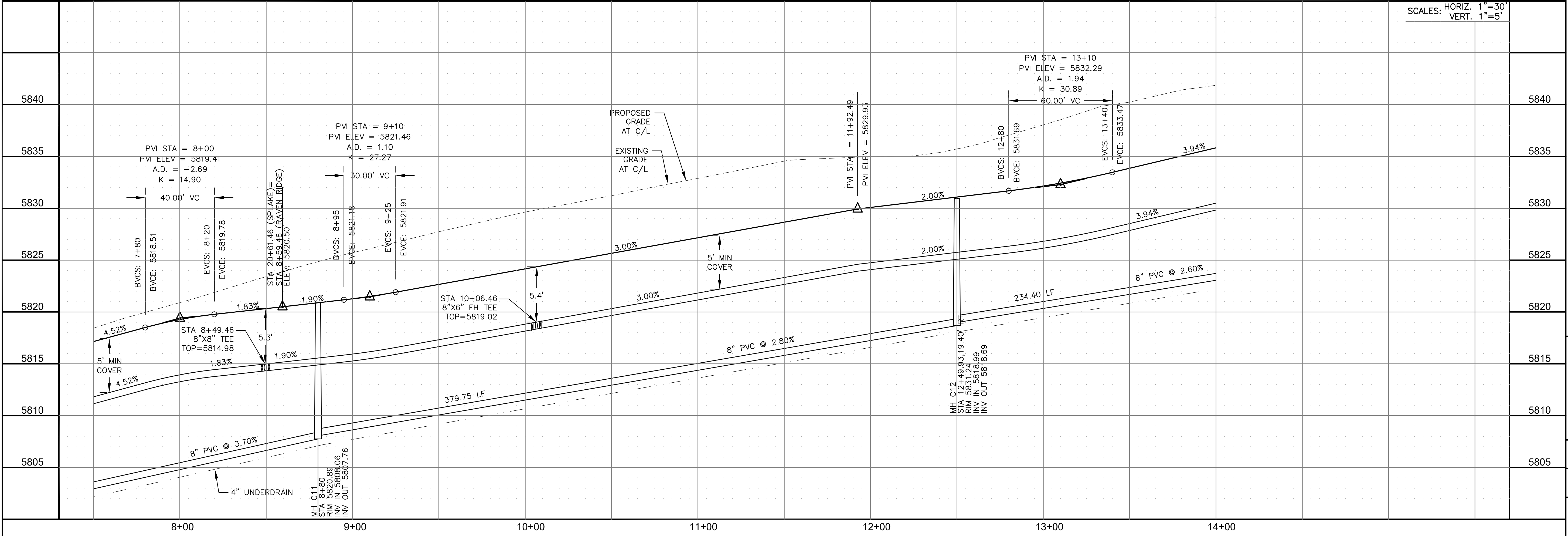
SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**RAVEN RIDGE TERRACE**

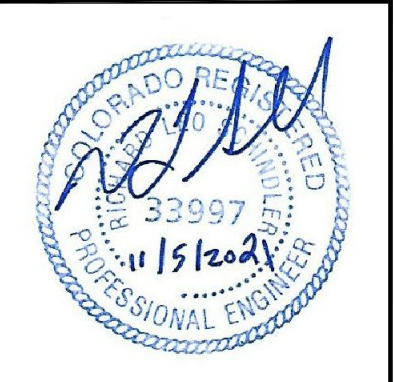


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRCHMOUNT, CO 80506  
 PH: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE, SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

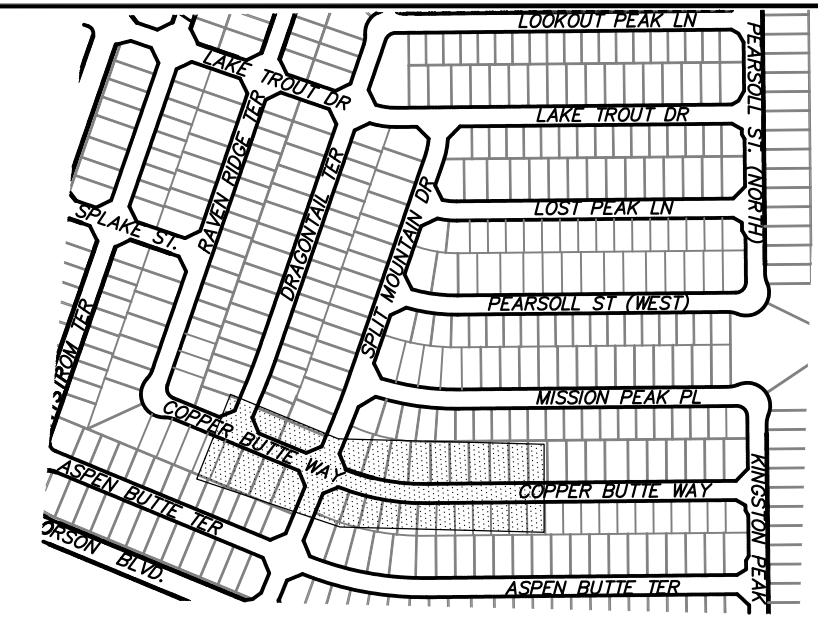
**SAN / WATERMAIN - SOUTH AREA**  
**RAVEN RIDGE / COPPER BUTTE**  
**STA 7+50 TO 14+00**



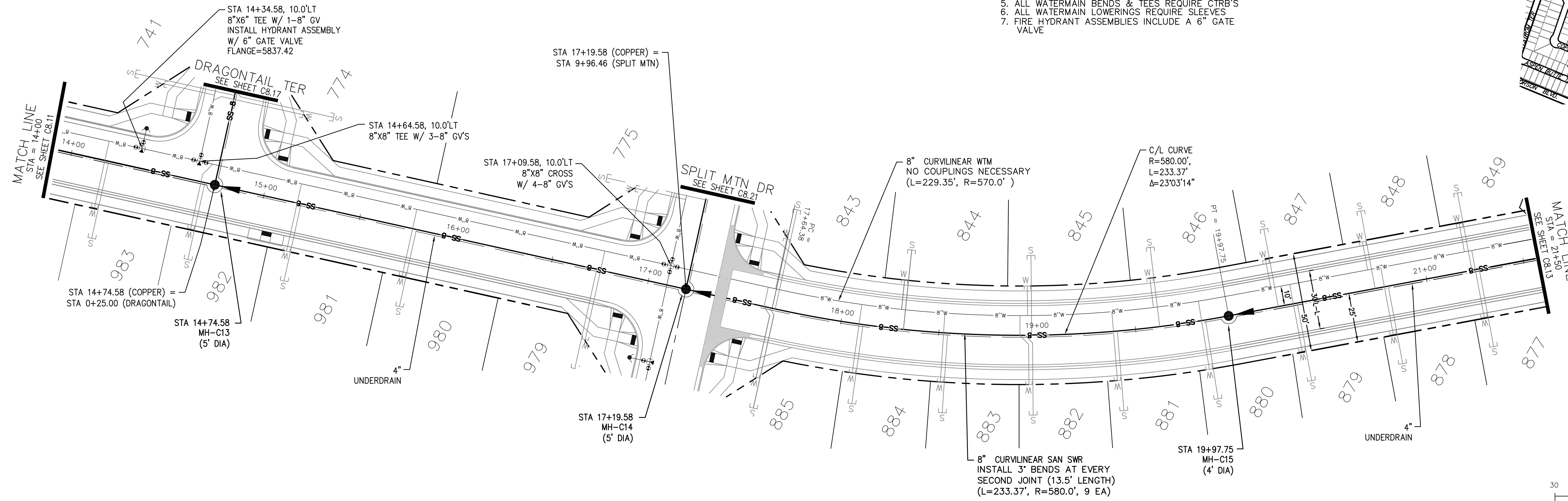
DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.11  
 TOTAL SHEETS: 75

**NOTES**

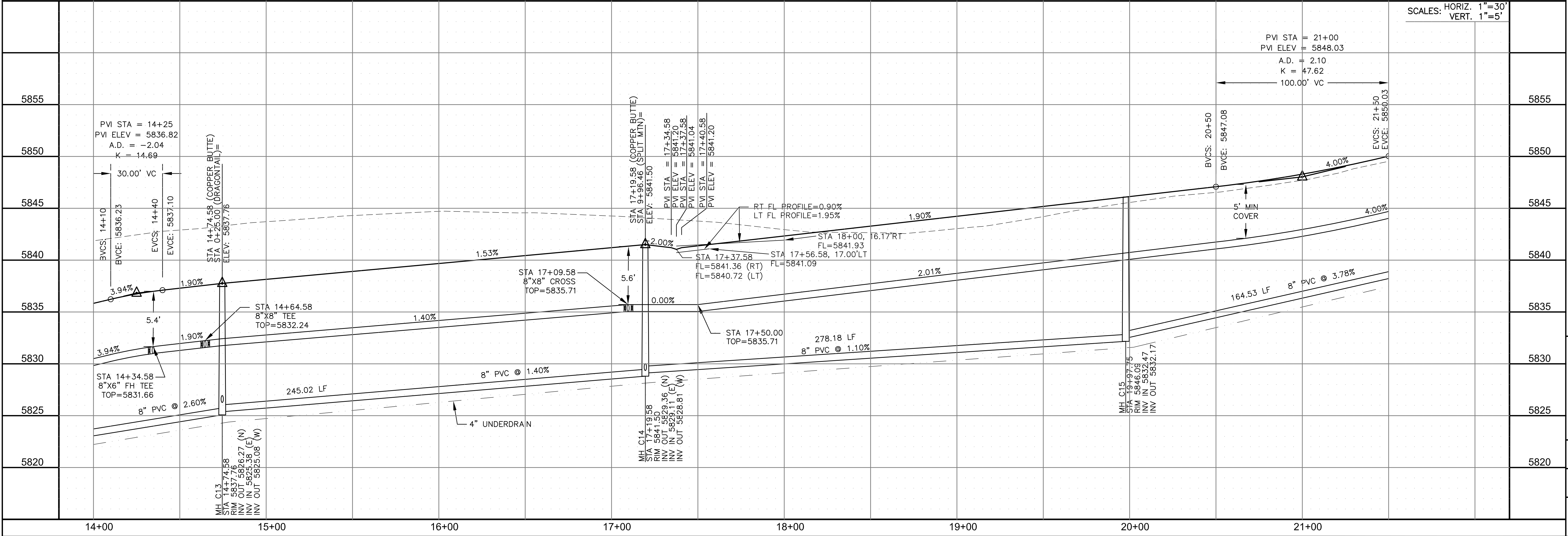
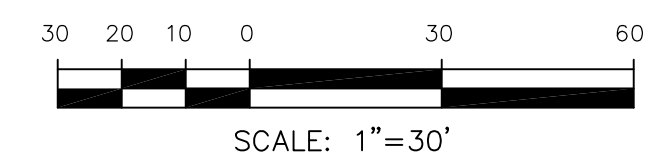
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



KEY MAP  
SOUTH AREA



**COPPER BUTTE WAY**



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOODS, CO 80906  
 PH: 719.576.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
**AT THE RIDGE**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**COPPER BUTTE WAY**  
**STA 14+00 TO 21+50**

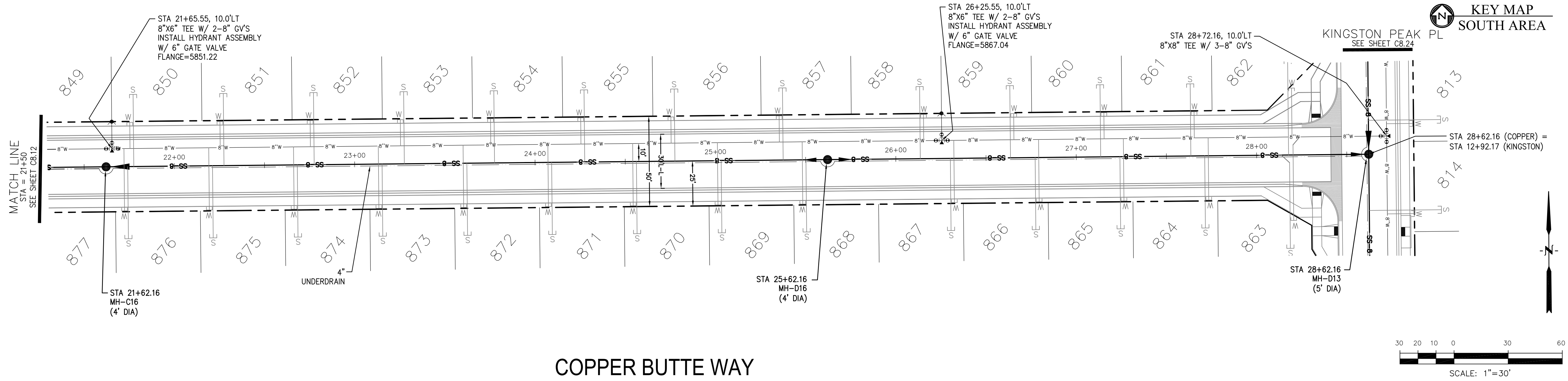
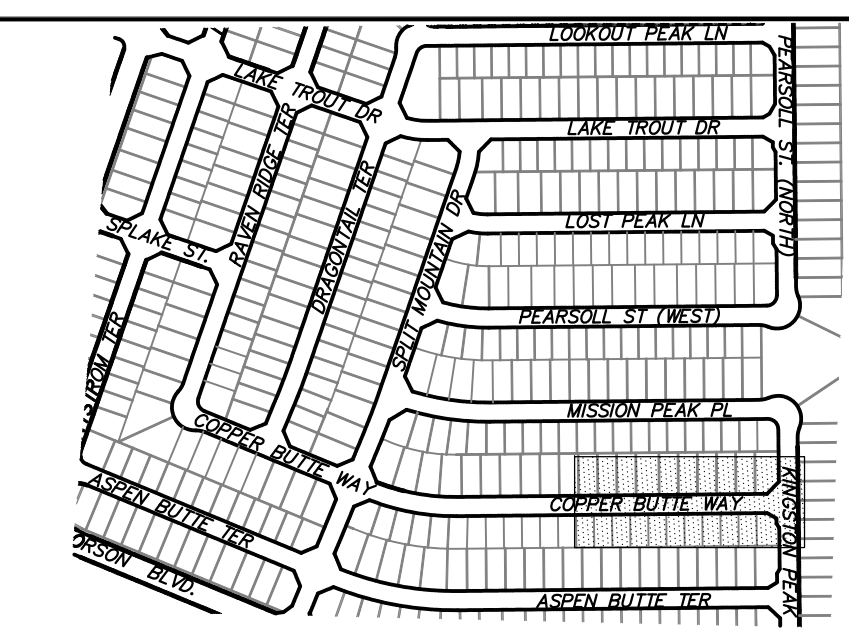


DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.12  
 TOTAL SHEETS: 75

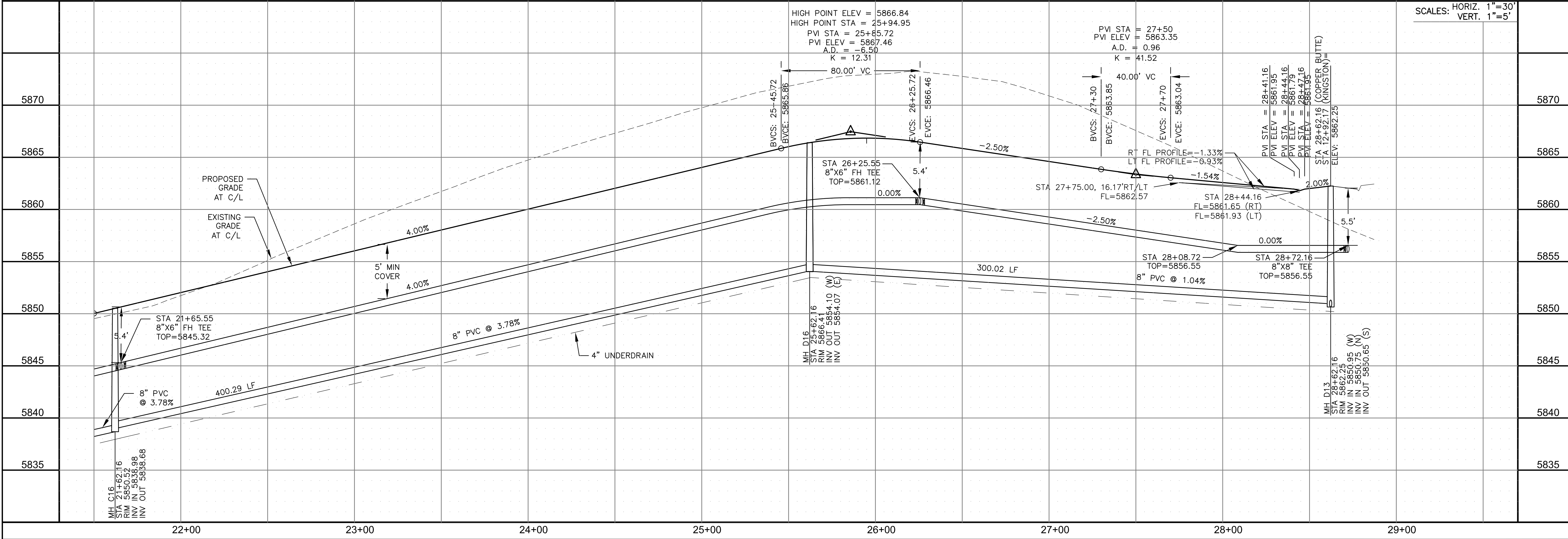


**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE M.J. DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**COPPER BUTTE WAY**

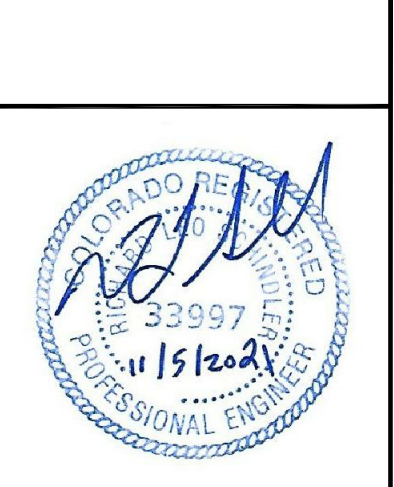


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRCH CREEK, CO 80506  
 PH: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

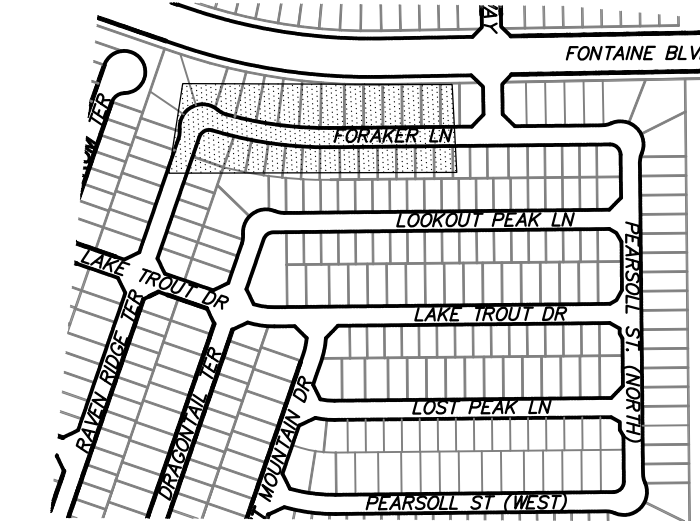
**SAN / WATERMAIN - SOUTH AREA**  
**COPPER BUTTE WAY**  
**STA 21+50 TO 28+72**



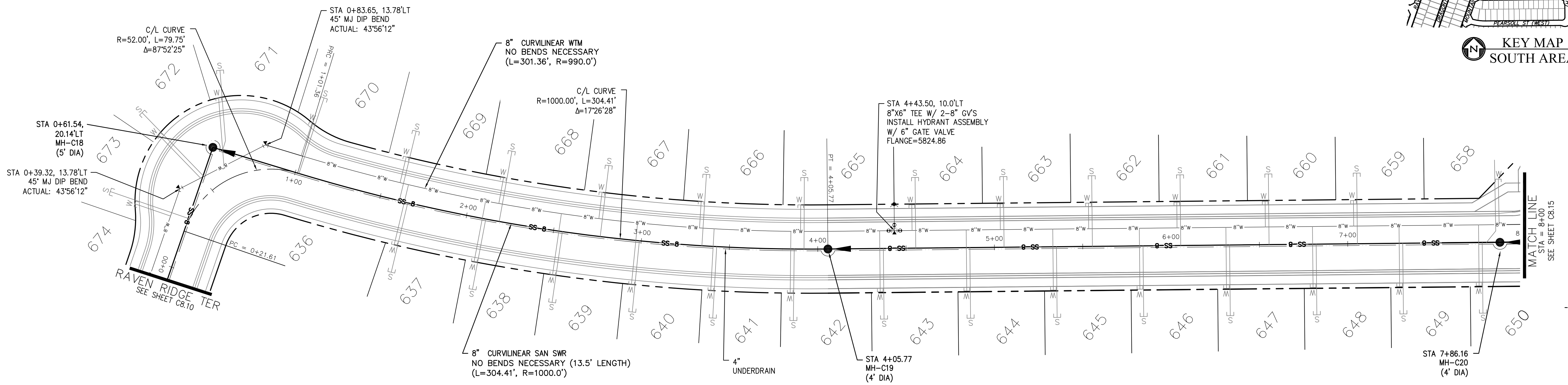
DATE: **NOV 5, 2021**  
 PROJECT NO. **100.064**  
 SHEET NUMBER **C8.13**  
 TOTAL SHEETS: 75

**NOTES**

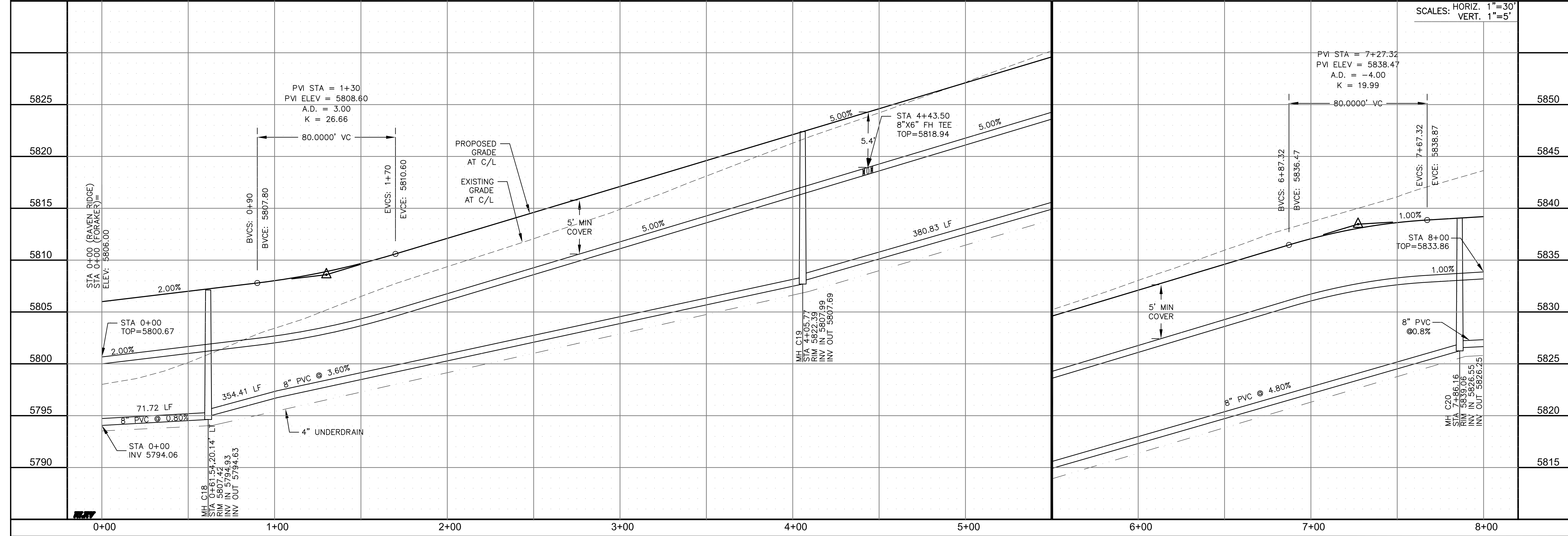
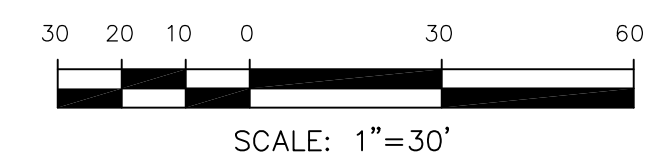
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 1000, SUITE 55506  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com



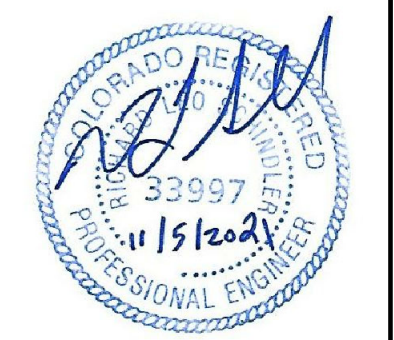
**FORAKER LANE**



DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

PROJECT: **AT THE RIDGE LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

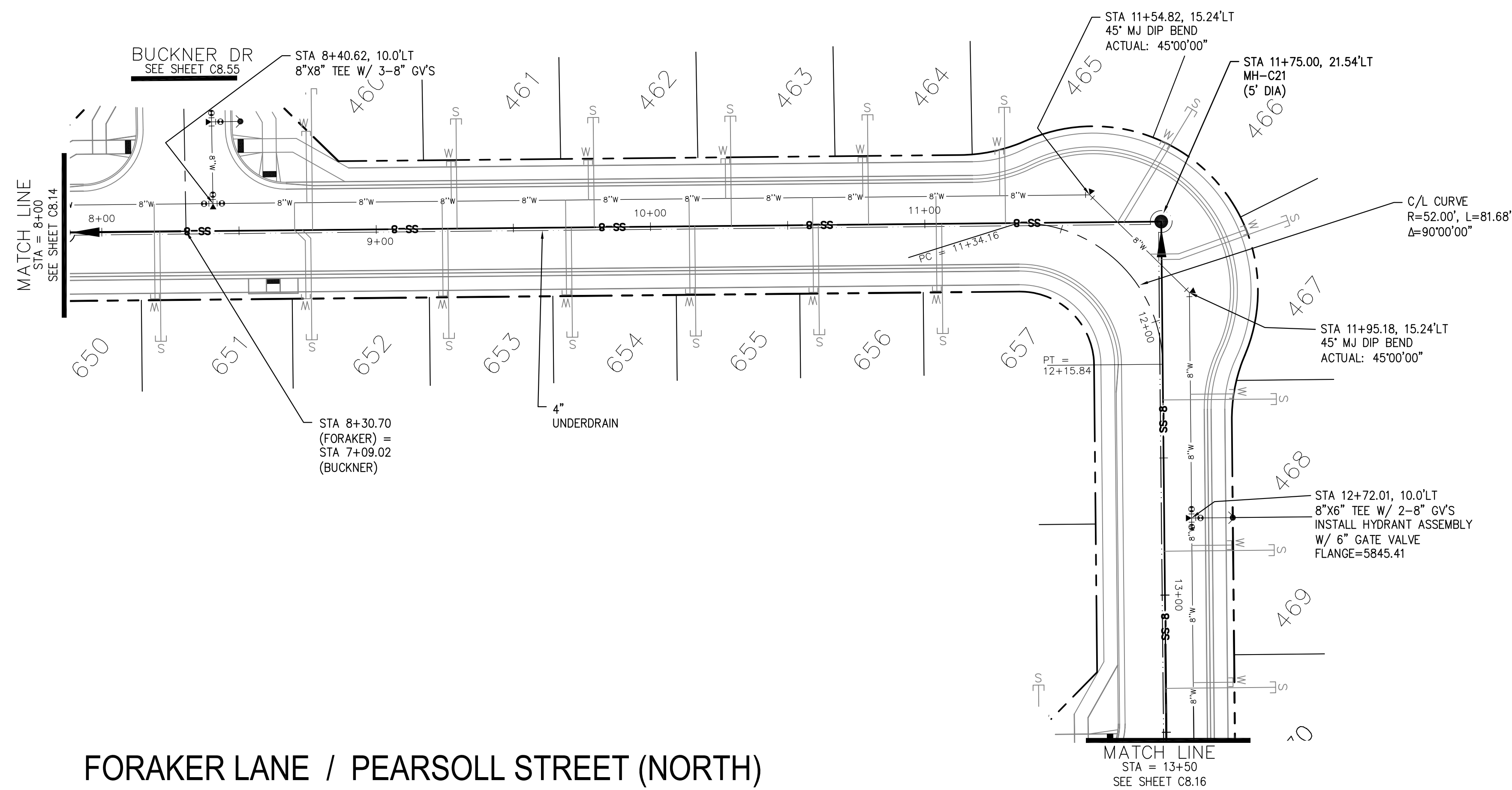
**SAN / WATERMAIN - SOUTH AREA**  
**FORAKER LANE**  
**STA 0+00 TO 8+00**



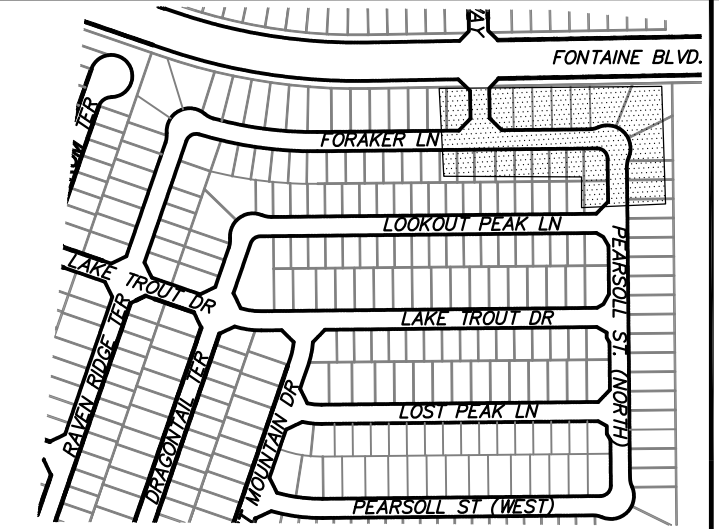
DATE: **NOV 5, 2021**  
 PROJECT NO. **100.064**  
 SHEET NUMBER **C8.14**  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**FORAKER LANE / PEARSOLL STREET (NORTH)**

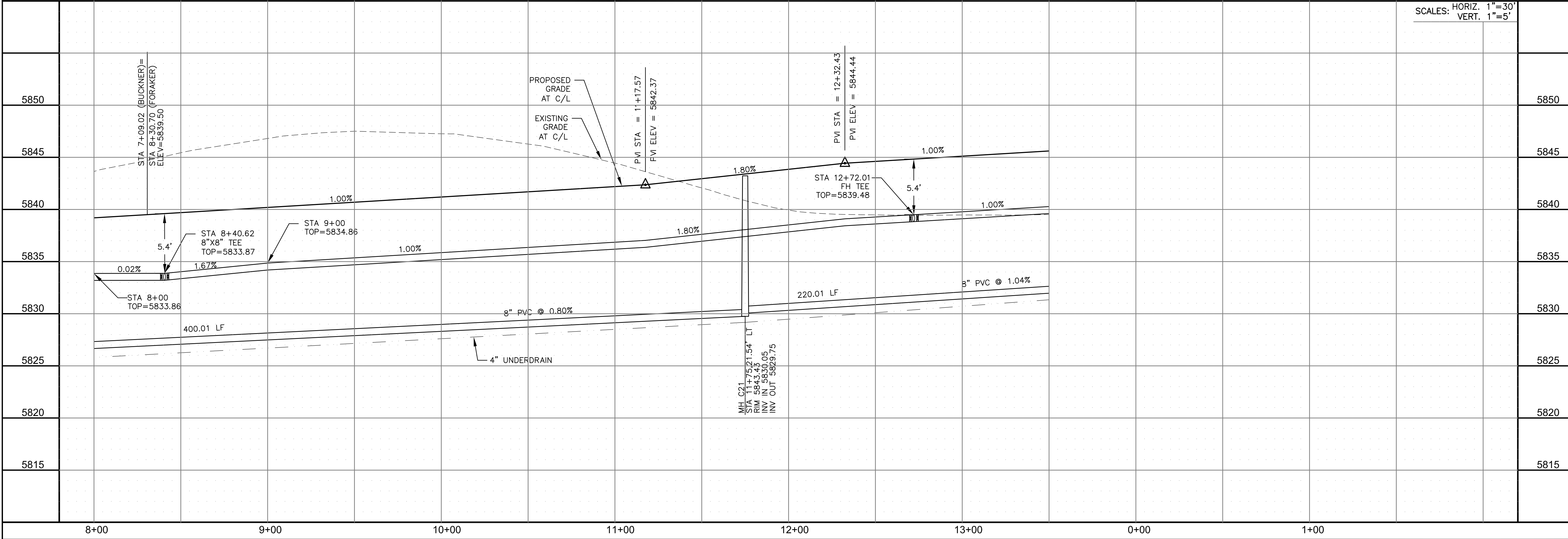
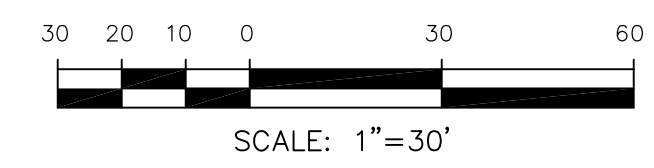


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 100, SUITE 5506  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS



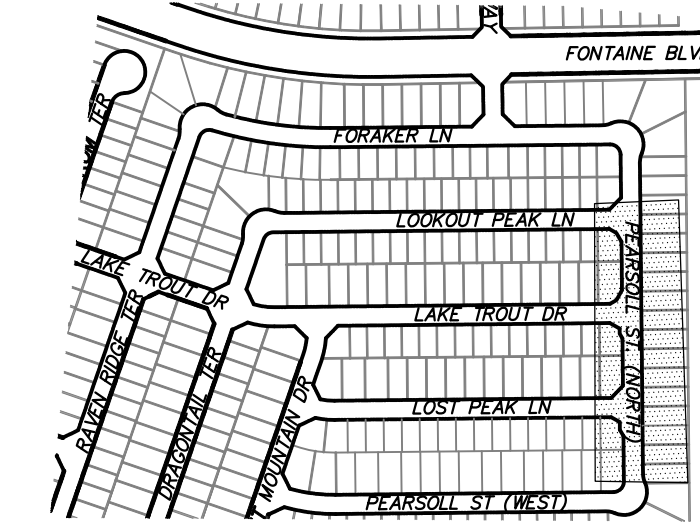
**SAN / WATERMAIN - SOUTH AREA**  
**FORAKER LANE**  
**STA 8+00 TO 13+50**



DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.15  
 TOTAL SHEETS: 75

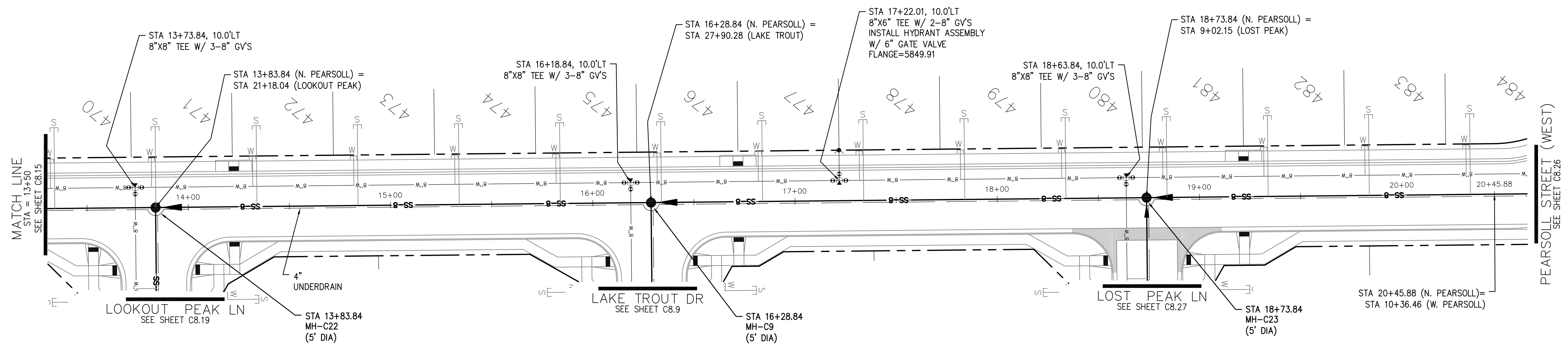
**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.

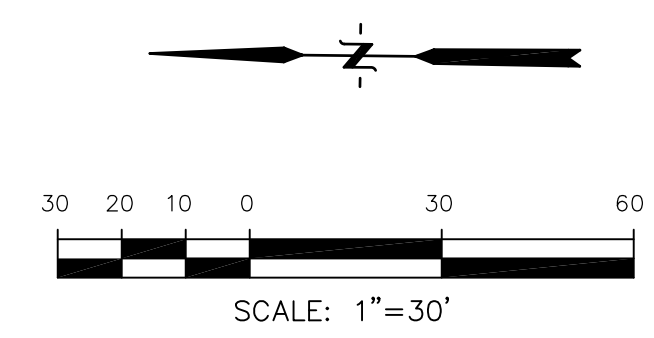


**KEY MAP**  
SOUTH AREA

**CORE**  
**ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNING WOODS, CO 80903  
PHONE: 719.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

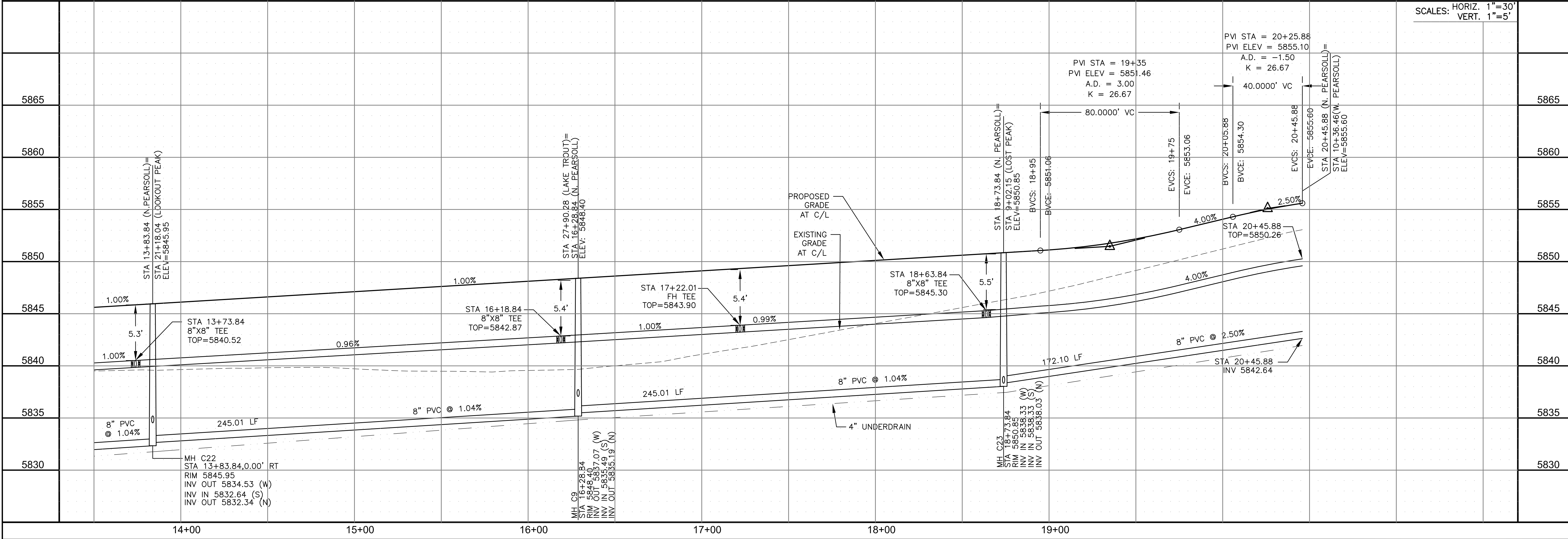


**PEARSOLL STREET (NORTH)**



DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT: **THE RIDGE AT LORSON RANCH**  
212 N. WAHSATCH AVE, SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

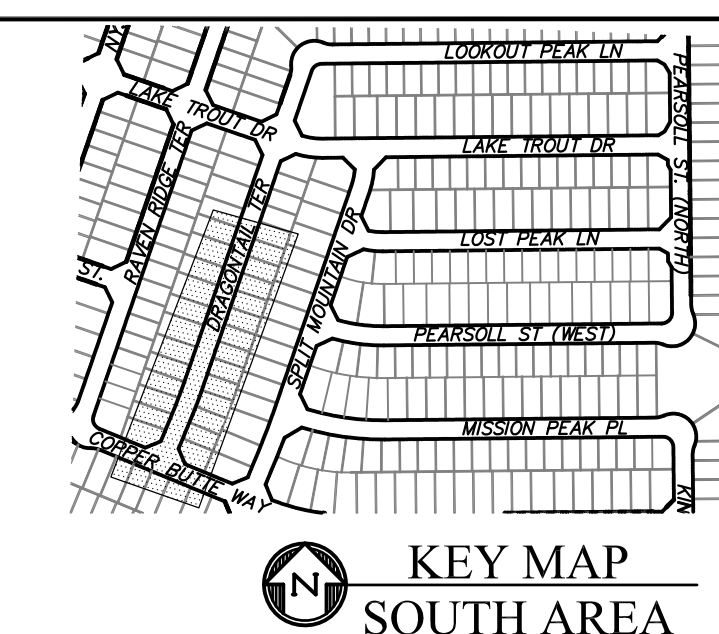
**SAN / WATERMAIN - SOUTH AREA**  
**PEARSOLL STREET (NORTH)**  
**STA 13+50 TO 20+45**



DATE: NOV 5, 2021  
PROJECT NO. 100.064  
SHEET NUMBER C8.16  
TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
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5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE

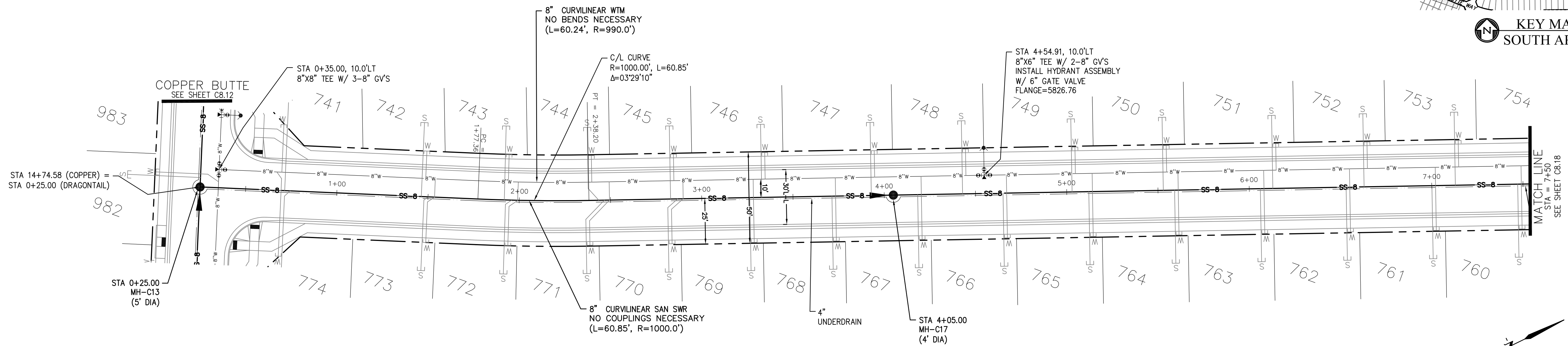


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRCH CREEK, CO 80150  
 PH: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

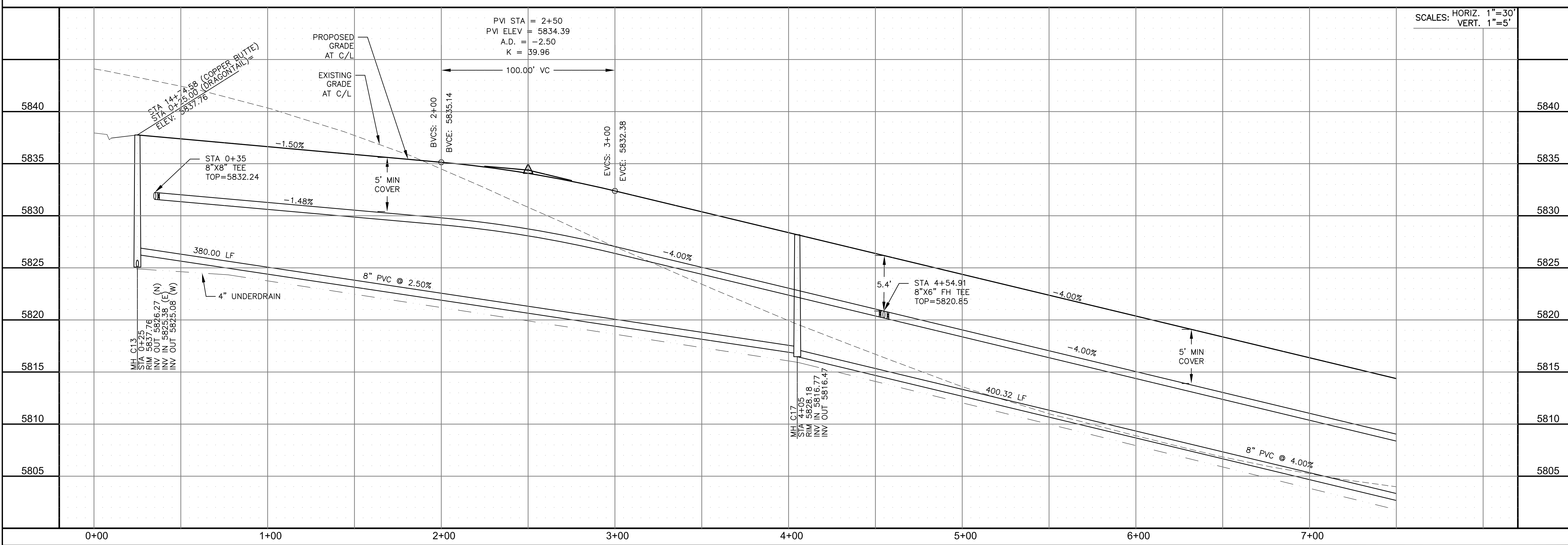
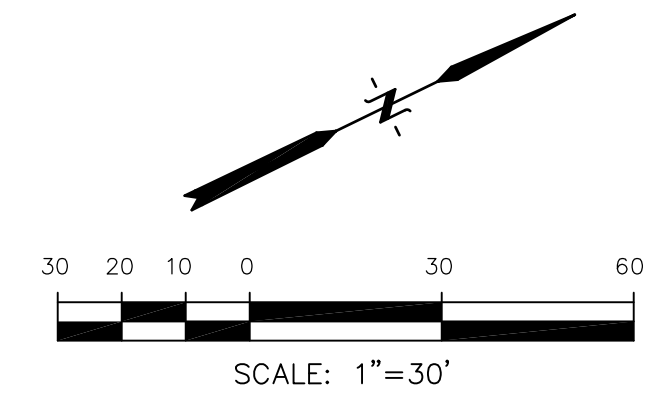
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

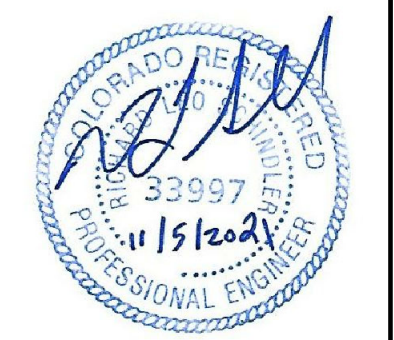
PROJECT:  
**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO



**DRAGONTAIL TERRACE**



**SAN / WATERMAIN - SOUTH AREA**  
**DRAGONTAIL TERRACE**  
**STA 0+00 TO 7+50**



DATE:  
NOV 5, 2021

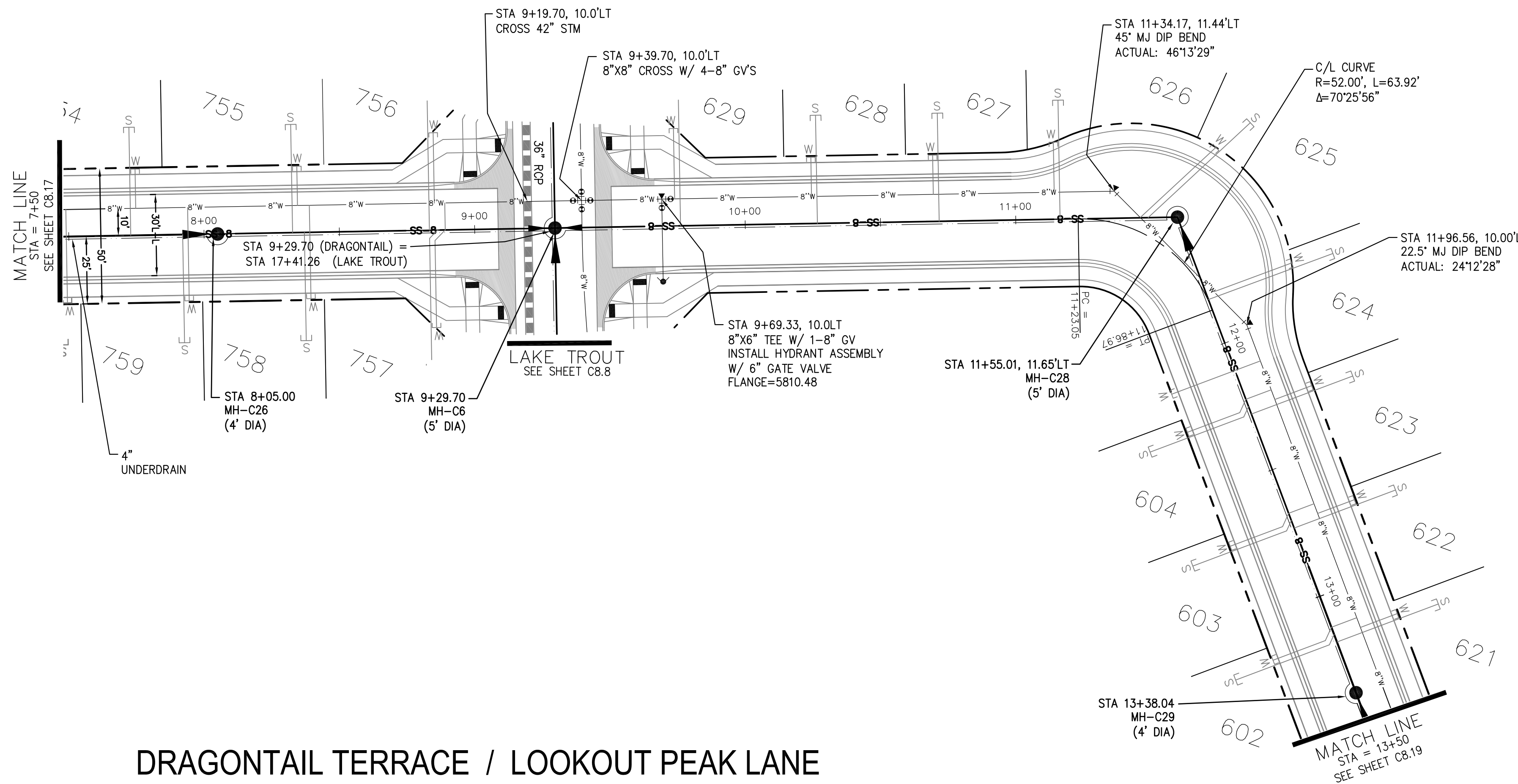
PROJECT NO.  
100.064

SHEET NUMBER  
C8.17

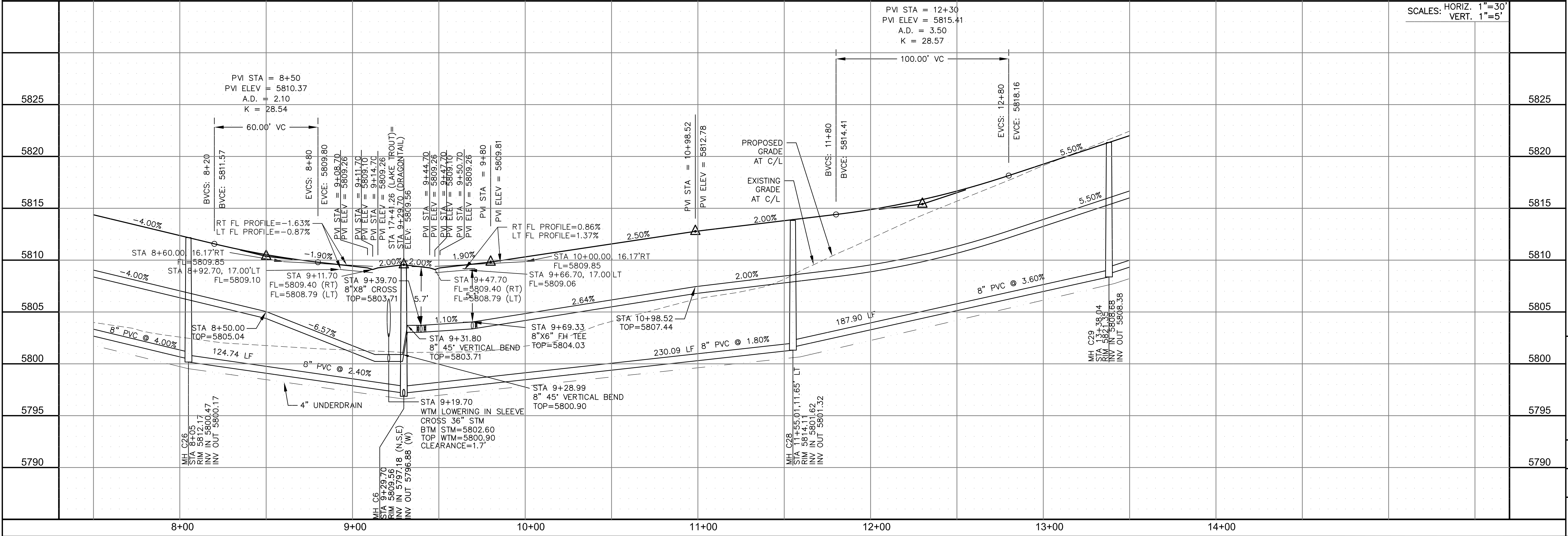
TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**DRAGONTAIL TERRACE / LOOKOUT PEAK LANE**



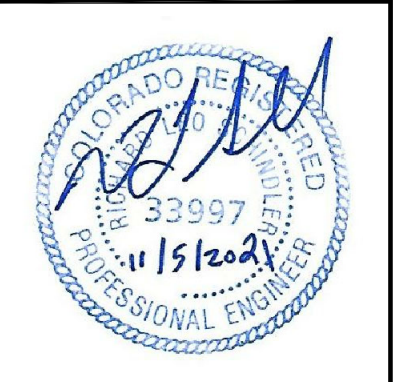
SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BIRCH CREEK, CO 80150  
PH: 303.576.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT: **THE RIDGE AT LORSON RANCH**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**DRAGONTAIL TER / LOOKOUT PEAK LN**  
**STA 7+50 TO 13+50**



DATE: NOV 5, 2021

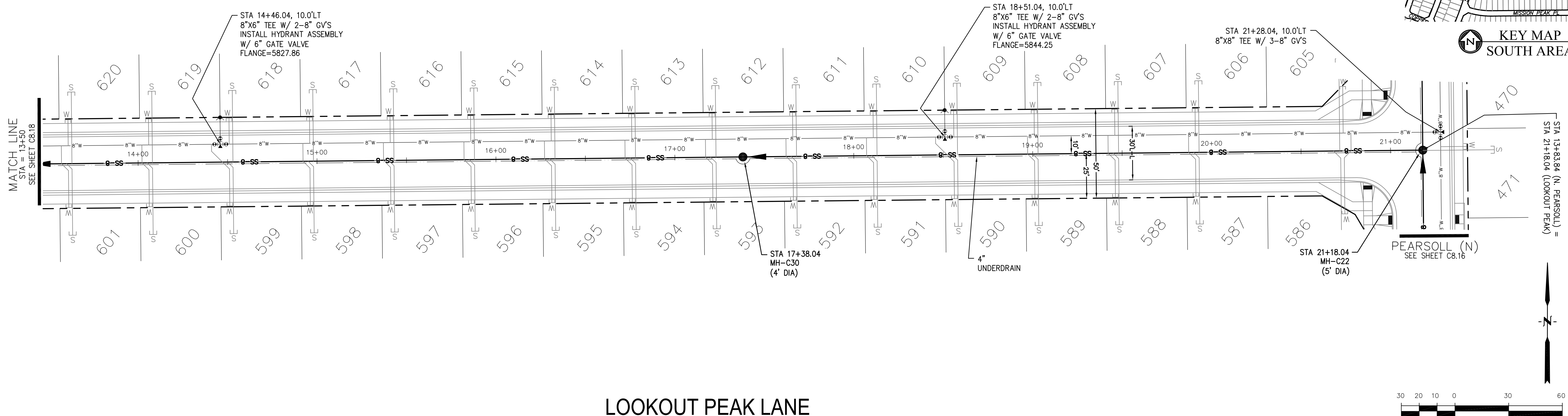
PROJECT NO. 100.064

SHEET NUMBER C8.18

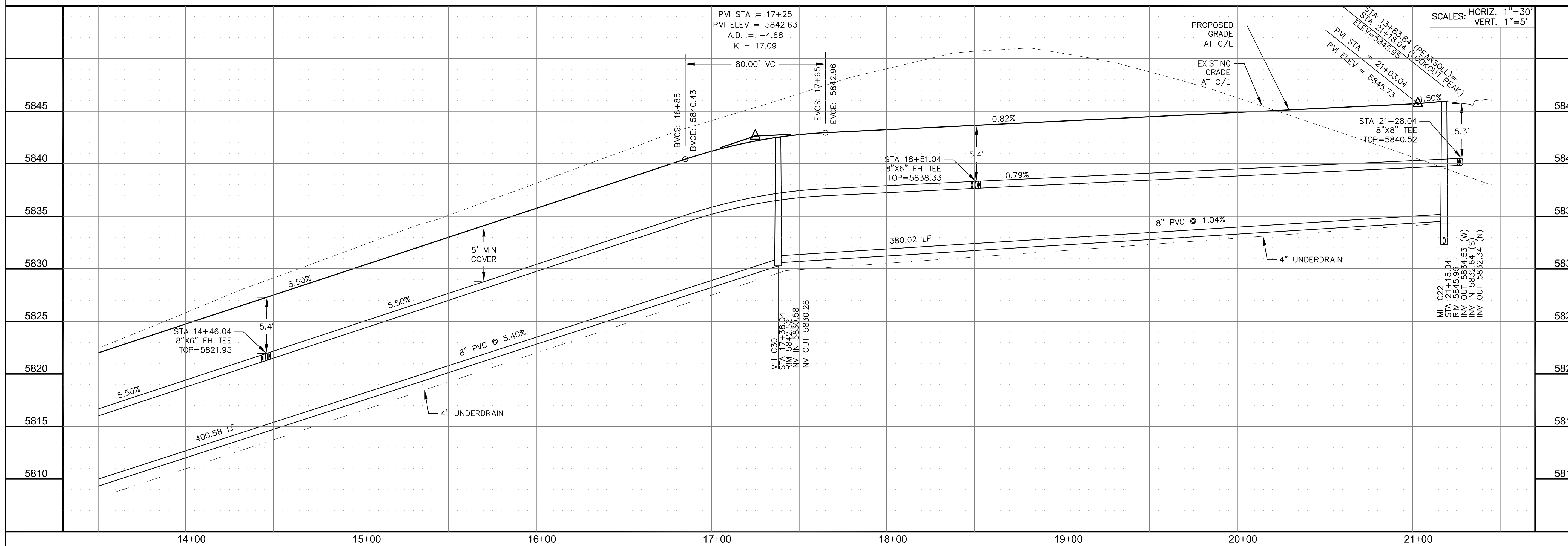
TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**LOOKOUT PEAK LANE**



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 700, SUITE 5506  
 DENVER, CO 80231  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

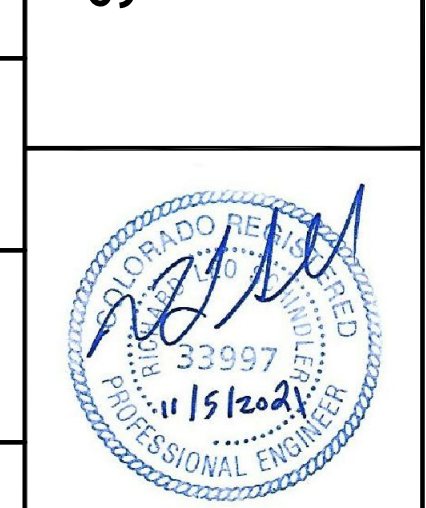
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**LOOKOUT PEAK LANE**  
**STA 13+50 TO 21+43**



DATE:  
 NOV 5, 2021

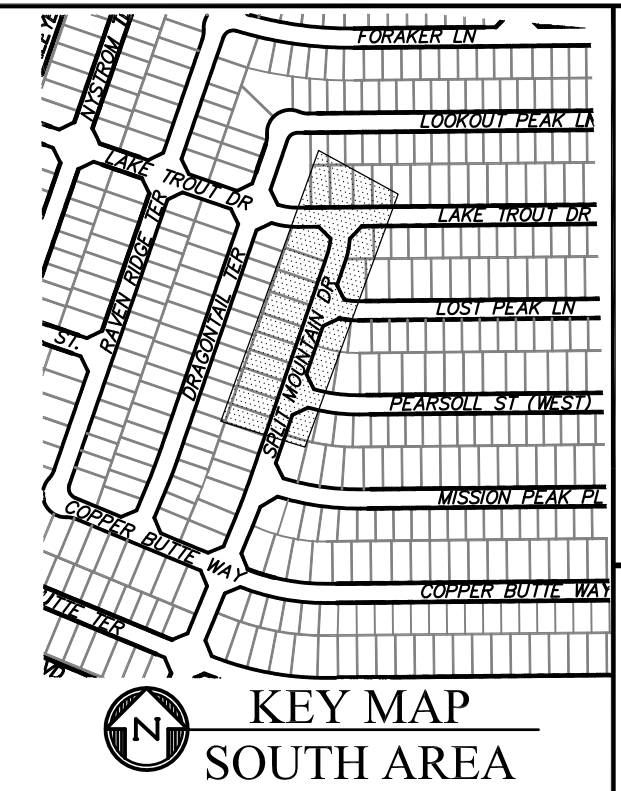
PROJECT NO.  
 100.064

SHEET NUMBER  
 C8.19

TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
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5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



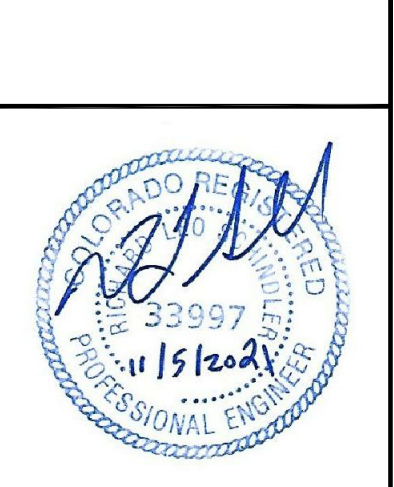
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRCH CREEK, CO 80150  
 PHONE: 303.799.5700  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

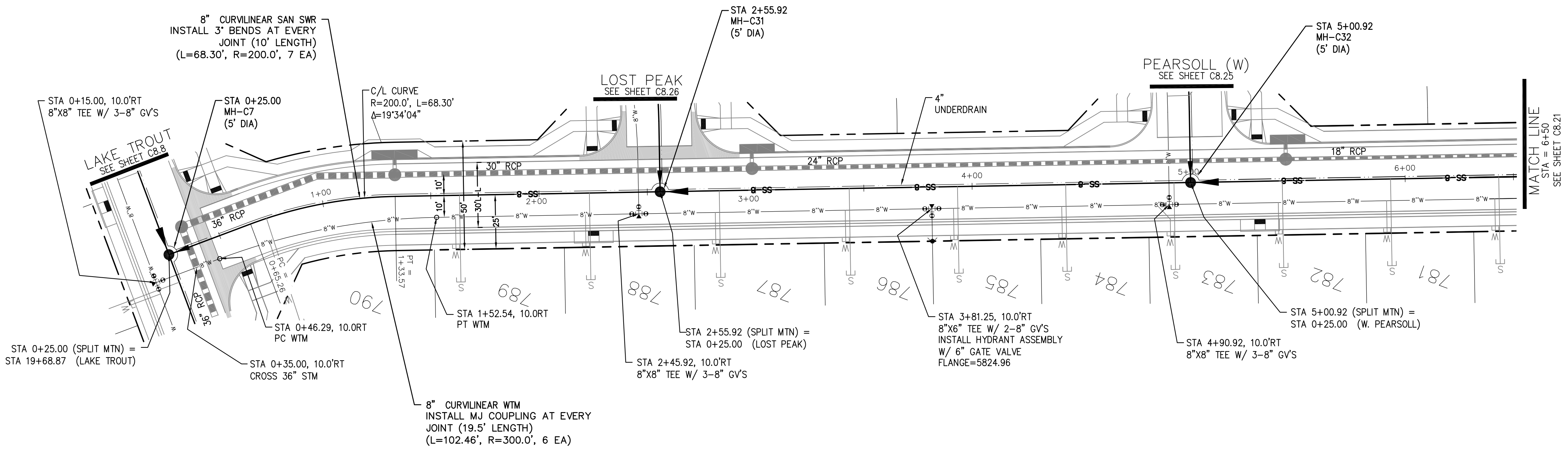
DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**SPLIT MOUNTAIN DRIVE**  
**STA 0+00 TO 6+50**

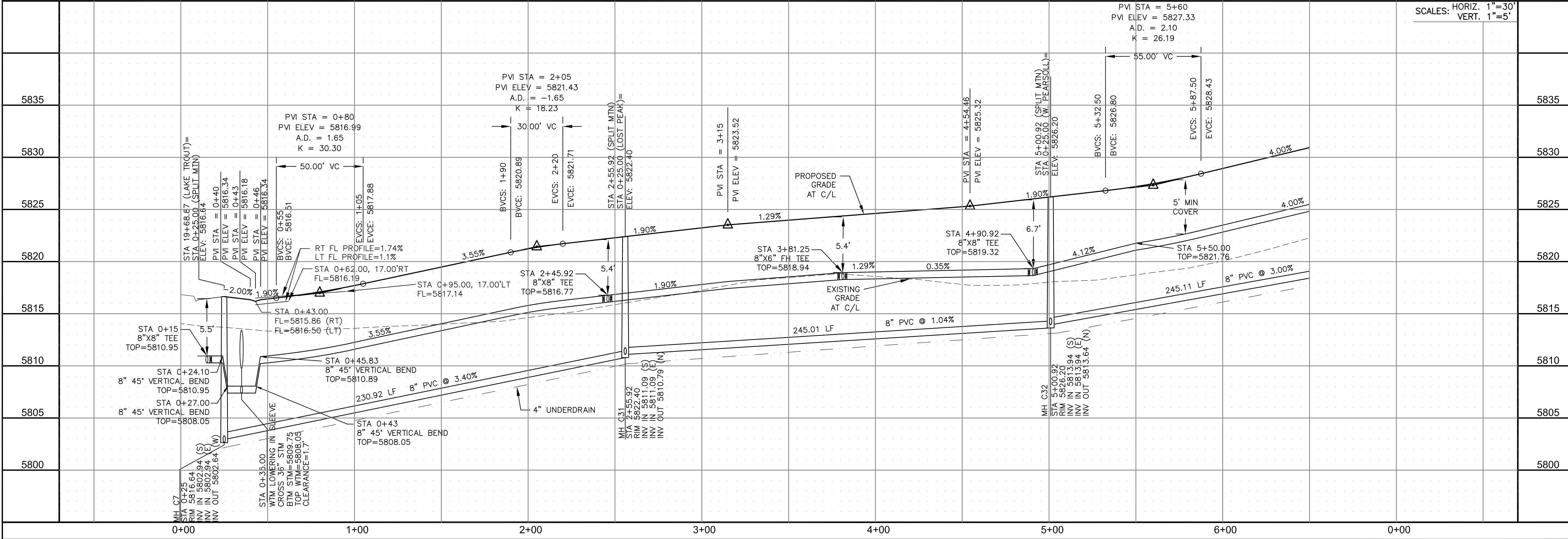
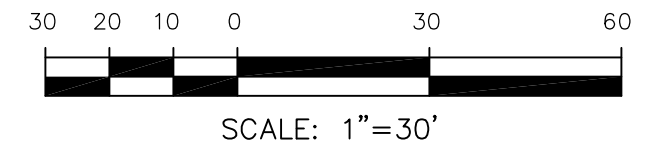


DATE:  
 NOV 5, 2021

PROJECT NO.  
 100.064  
 SHEET NUMBER  
 C8.20  
 TOTAL SHEETS: 75



**SPLIT MOUNTAIN DRIVE**

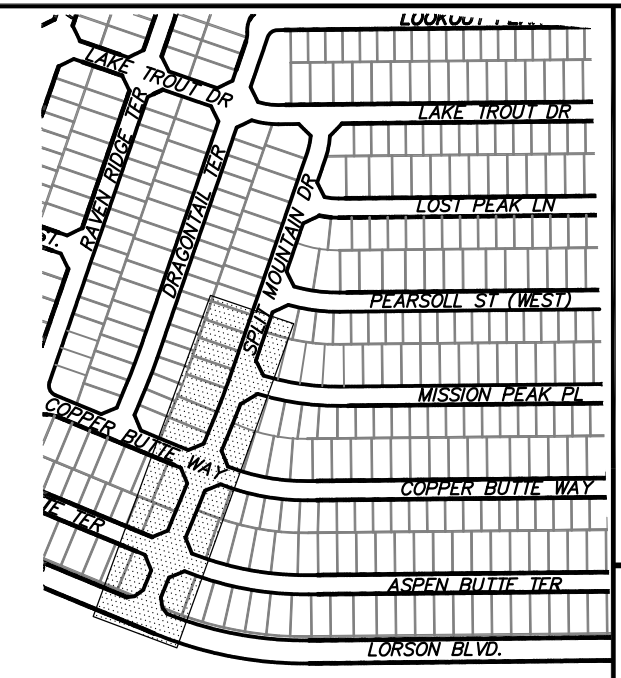


SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'



**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



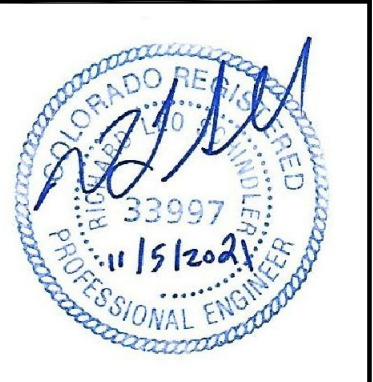
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRMGHAM, AL 35206  
 PH: 205.970.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_

PROJECT: **THE RIDGE AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**SPLIT MOUNTAIN DRIVE**  
**STA 6+50 TO 14+16**

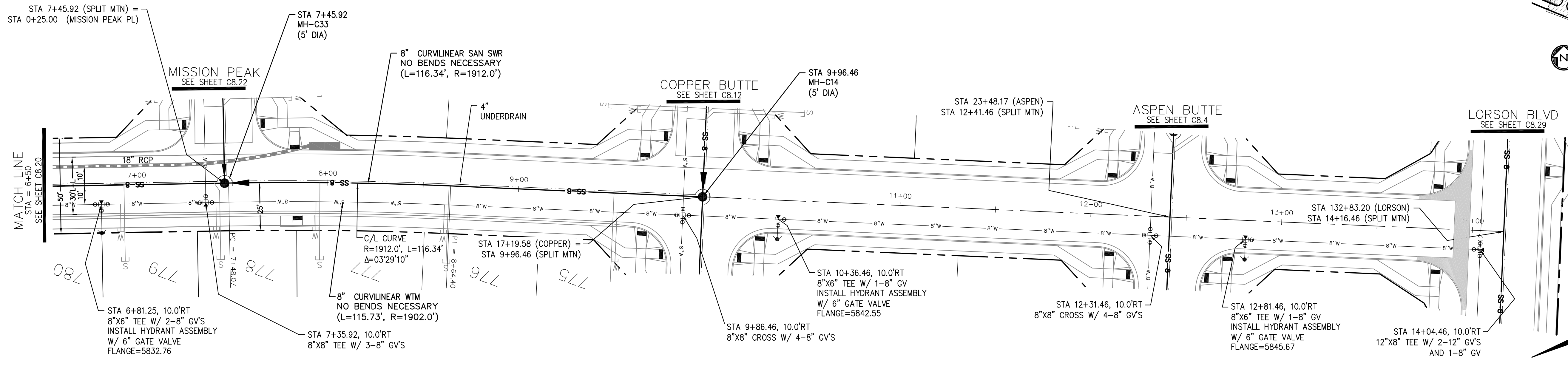


DATE: **NOV 5, 2021**

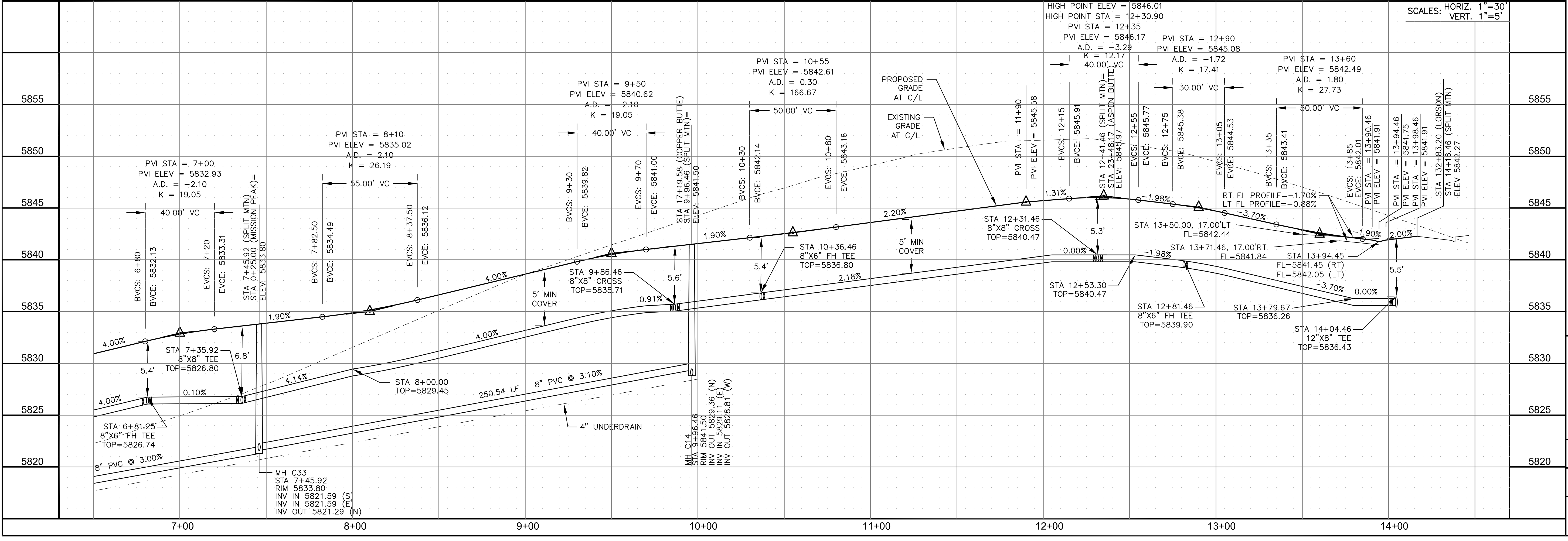
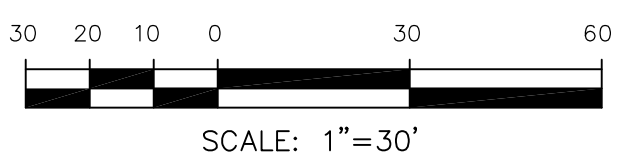
PROJECT NO. **100.064**

SHEET NUMBER **C8.21**

TOTAL SHEETS: 75



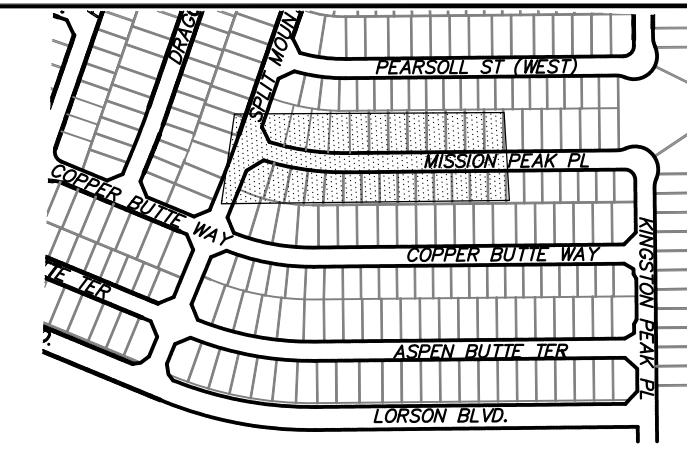
**SPLIT MOUNTAIN DRIVE**



SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'

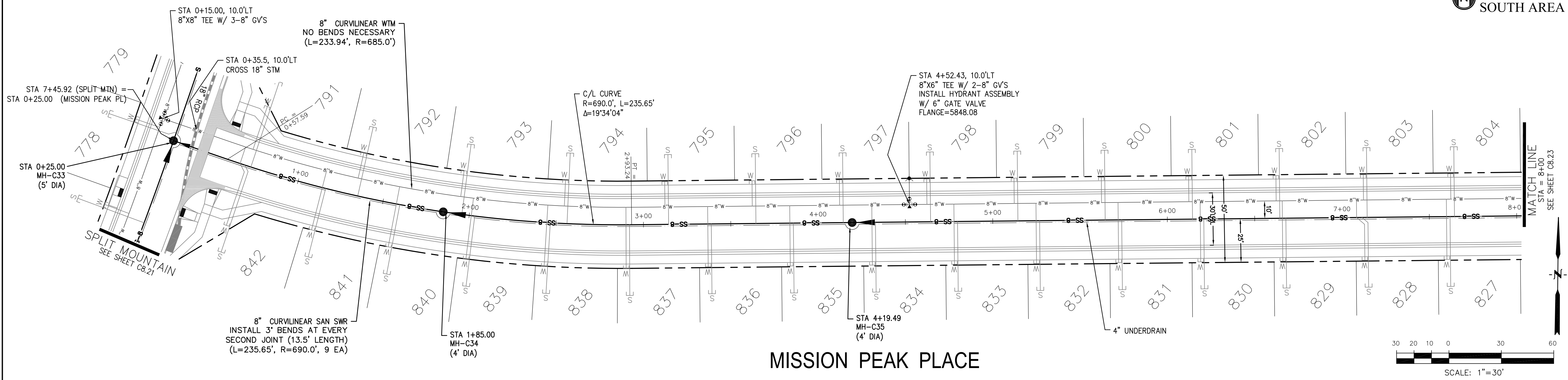
**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
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5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.

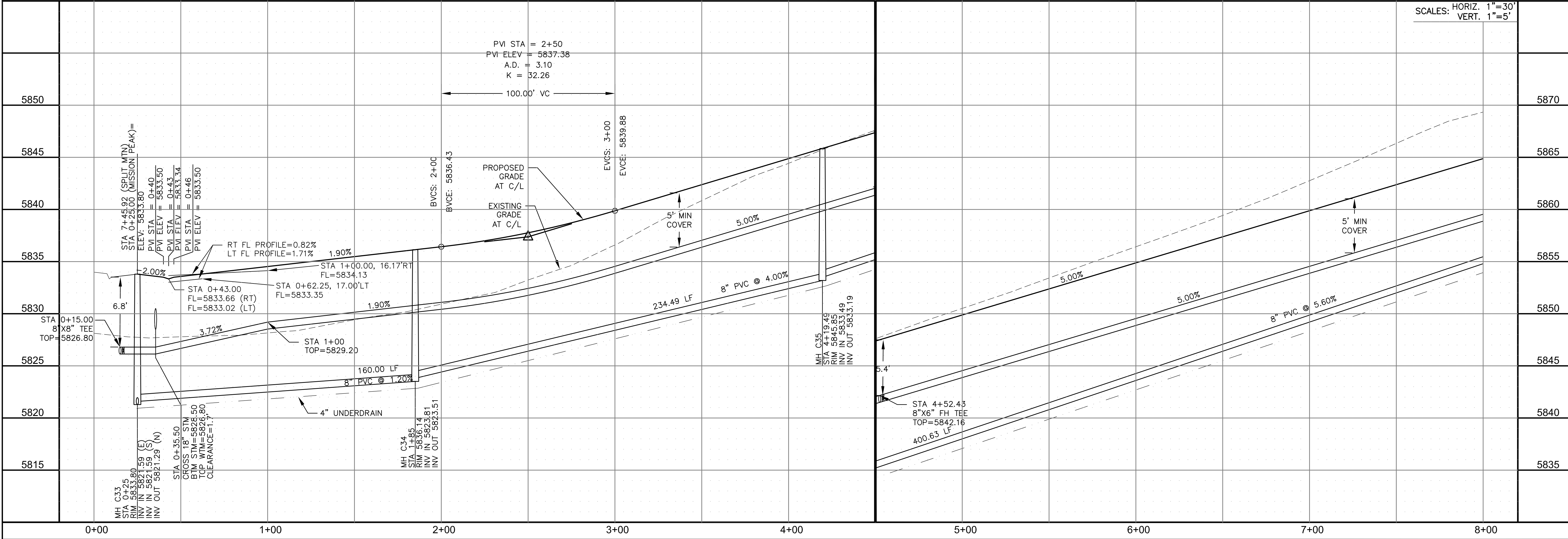


**KEY MAP**  
SOUTH AREA

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80202  
PHONE: 720.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com



**MISSION PEAK PLACE**



DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

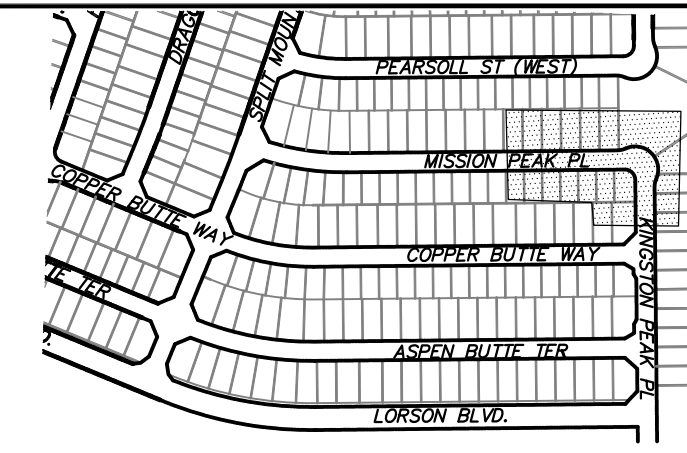
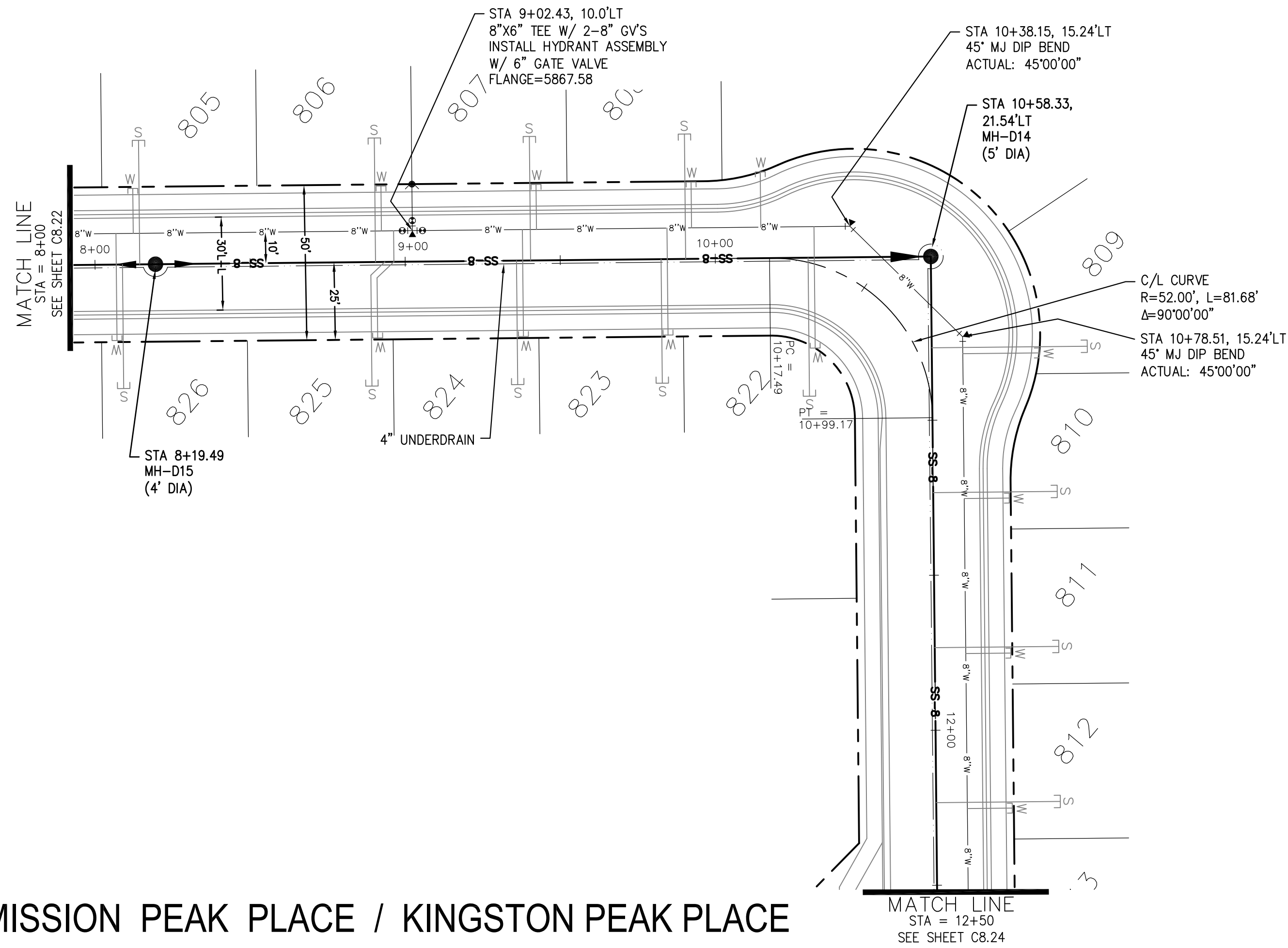
**SAN / WATERMAIN - SOUTH AREA**  
**MISSION PEAK PLACE**  
**STA 0+00 TO 8+00**

DATE: NOV 5, 2021  
PROJECT NO. 100.064  
SHEET NUMBER C8.22  
TOTAL SHEETS: 75

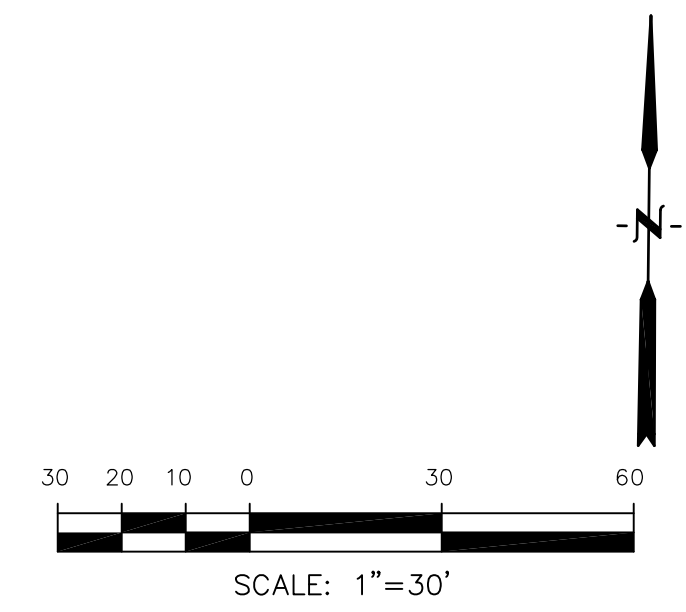


**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
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4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.

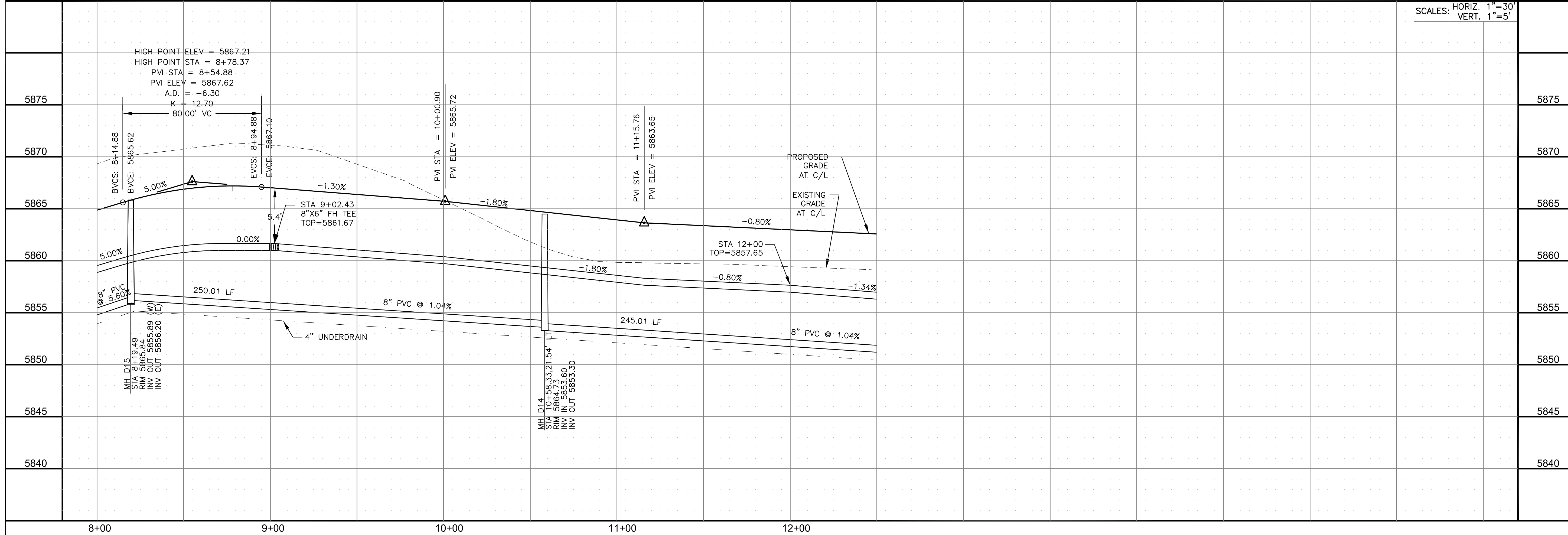


KEY MAP  
SOUTH AREA



**MISSION PEAK PLACE / KINGSTON PEAK PLACE**

MATCH LINE  
STA = 12+50  
SEE SHEET C8.24



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE**  
**ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80202  
PHONE: 303.750.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PREPARED FOR:  
**LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE**  
**AT LORSON RANCH**  
FONTAINE BLVD - WALLEYE DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**MISSION PEAK PL / KINGSTON PEAK PL**  
**STA 8+00 TO 12+50**



DATE:  
NOV 5, 2021

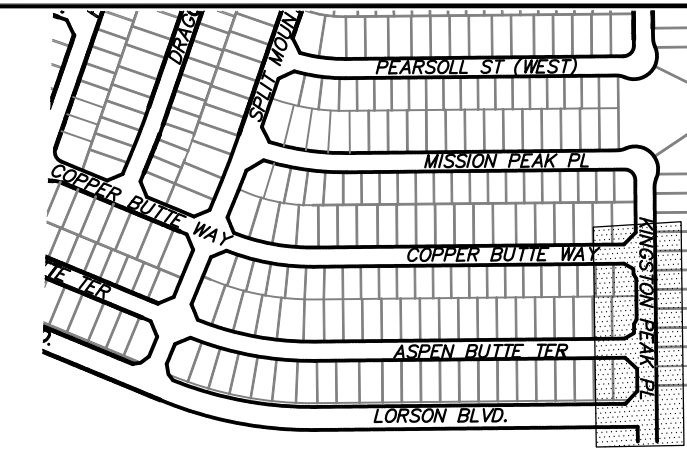
PROJECT NO.  
100.064

SHEET NUMBER  
C8.23

TOTAL SHEETS: 75

**NOTES**

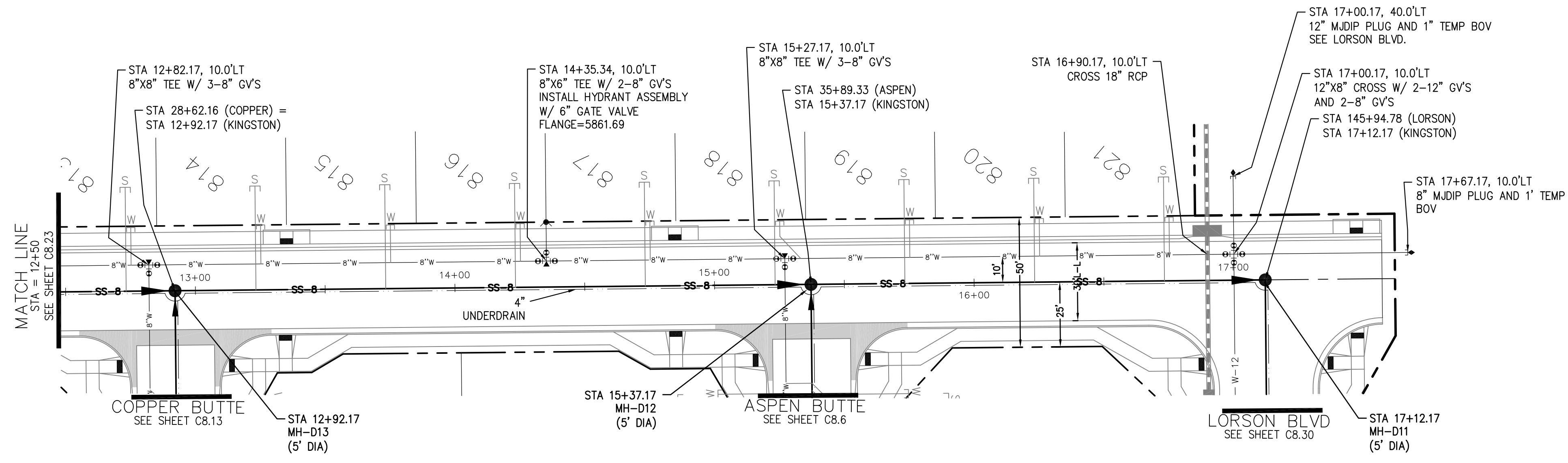
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



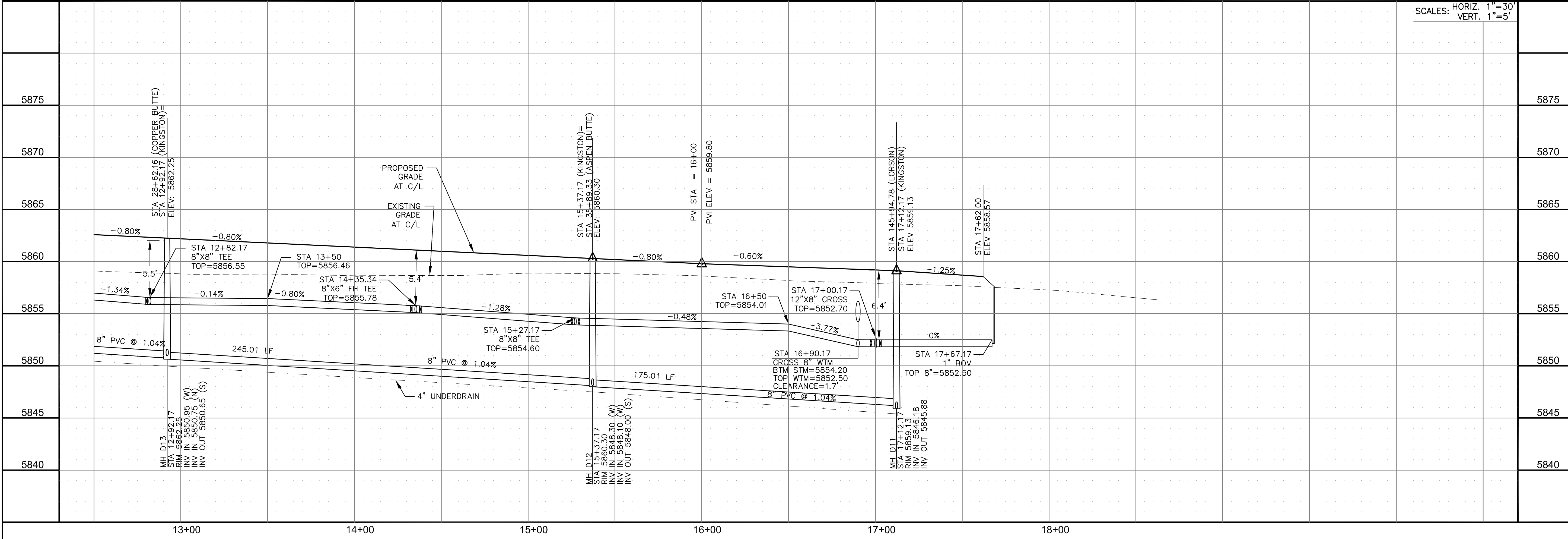
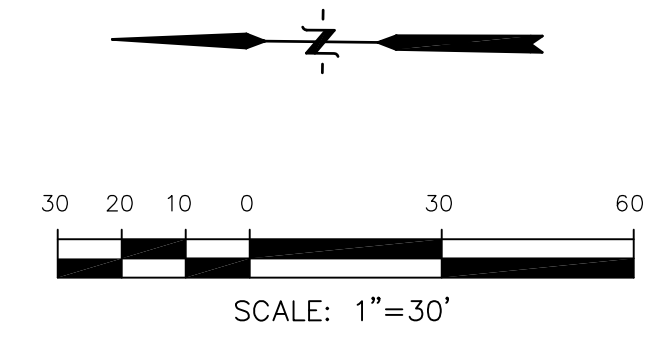
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 79 STB 1100  
 COLORADO SPRINGS, CO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS



**KINGSTON PEAK PLACE**



SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'

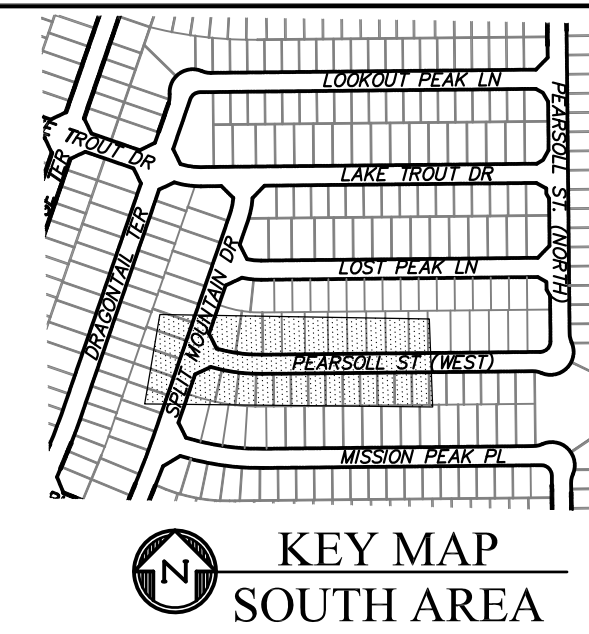
**SAN / WATERMAIN - SOUTH AREA**  
**KINGSTON PEAK PLACE**  
**STA 12+50 TO 17+62**



DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.24  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE M.J. DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE

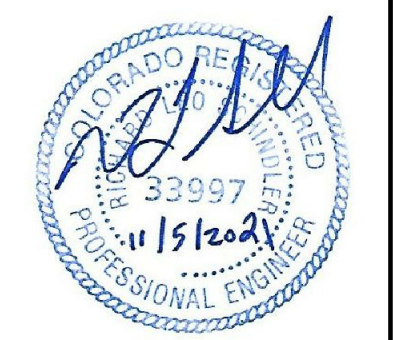


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRMGHAM, AL 35206  
 PHONE: 205.970.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**PEARSOLL STREET (W)**  
**STA 0+00 TO 7+00**

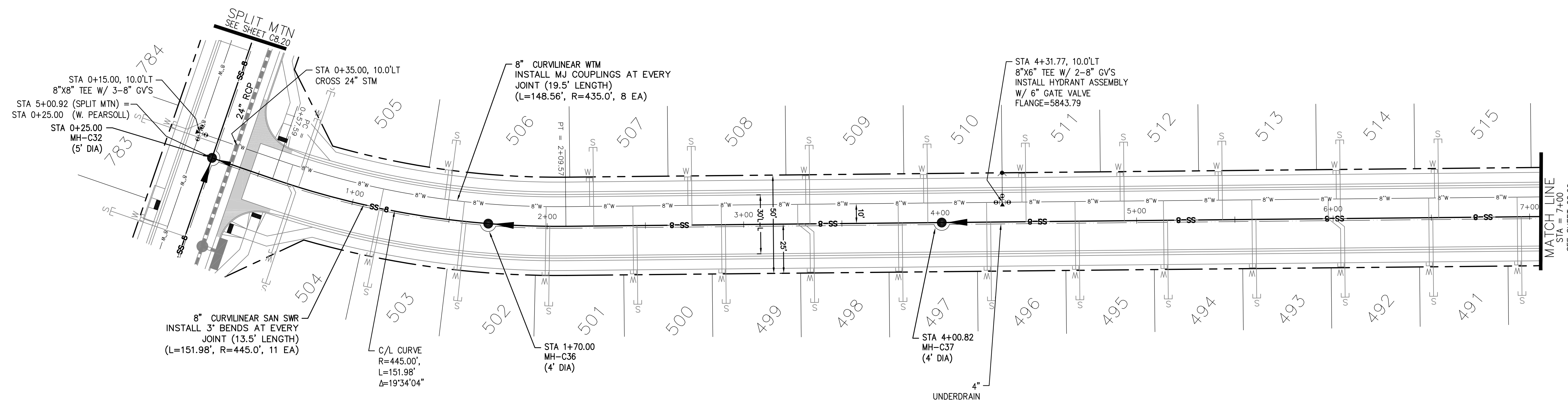


DATE: **NOV 5, 2021**

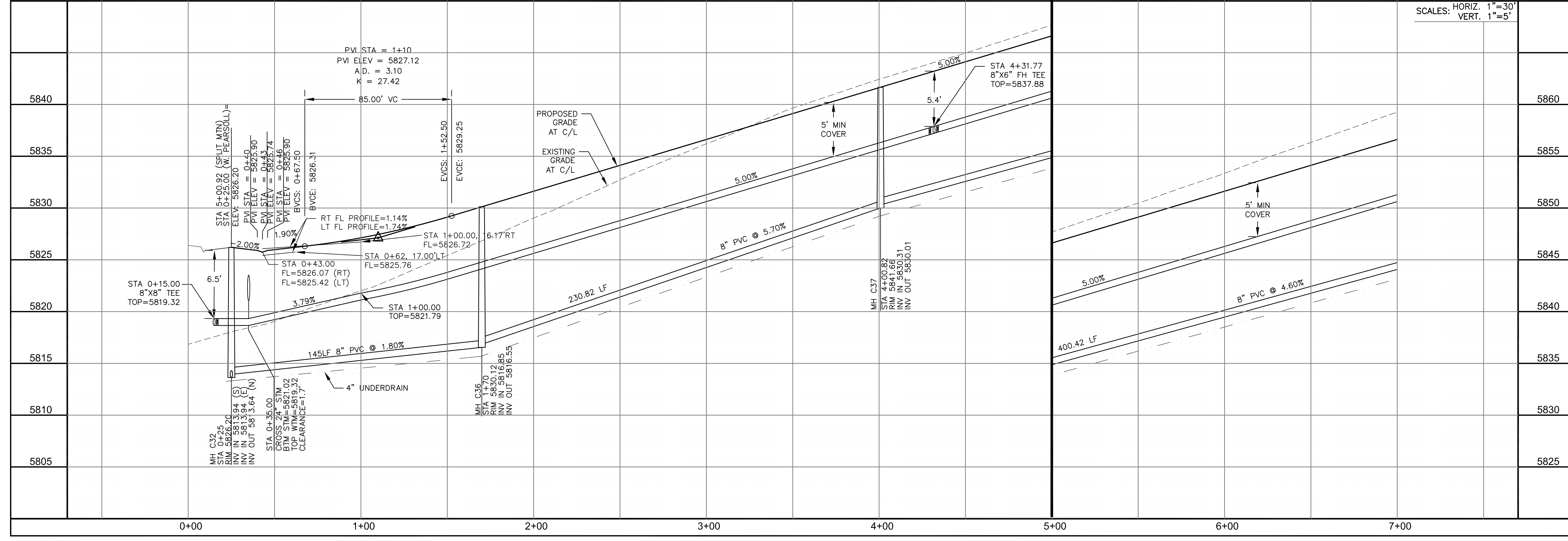
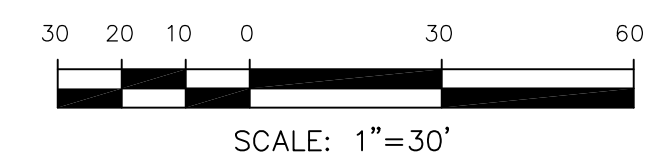
PROJECT NO. **100.064**

SHEET NUMBER **C8.25**

TOTAL SHEETS: 75



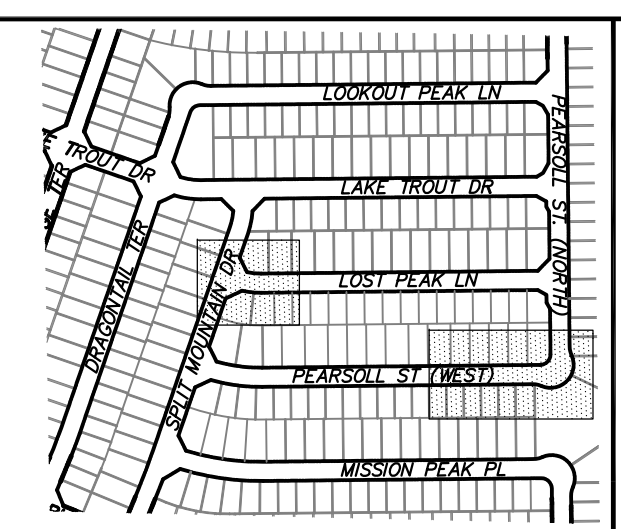
**PEARSOLL STREET (WEST)**



SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 790 570 1100  
 COLORADO SPRINGS, CO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

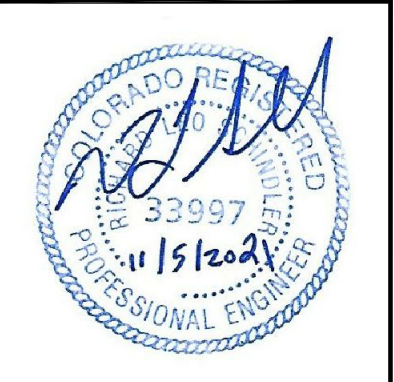
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**PEARSON ST (W) / LOST PEAK LN**  
**STA 7+00 TO 10+36**

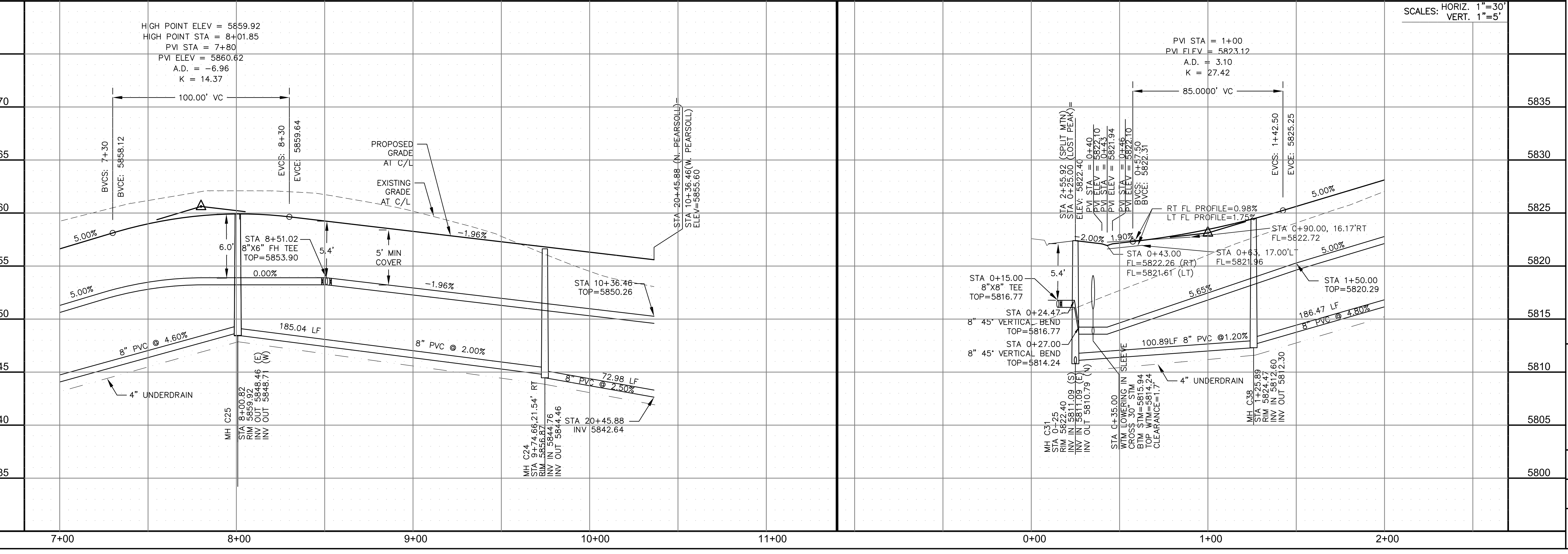
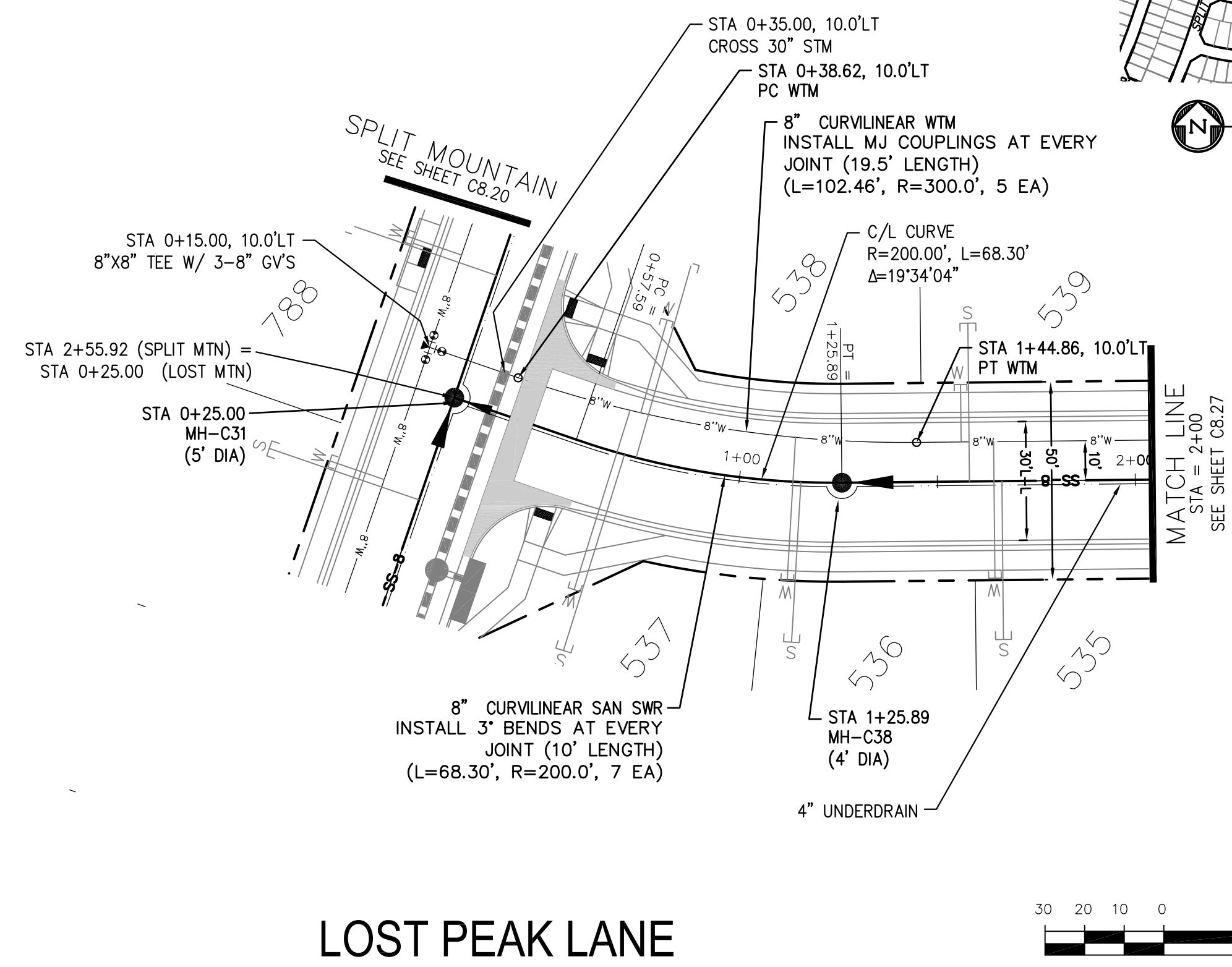
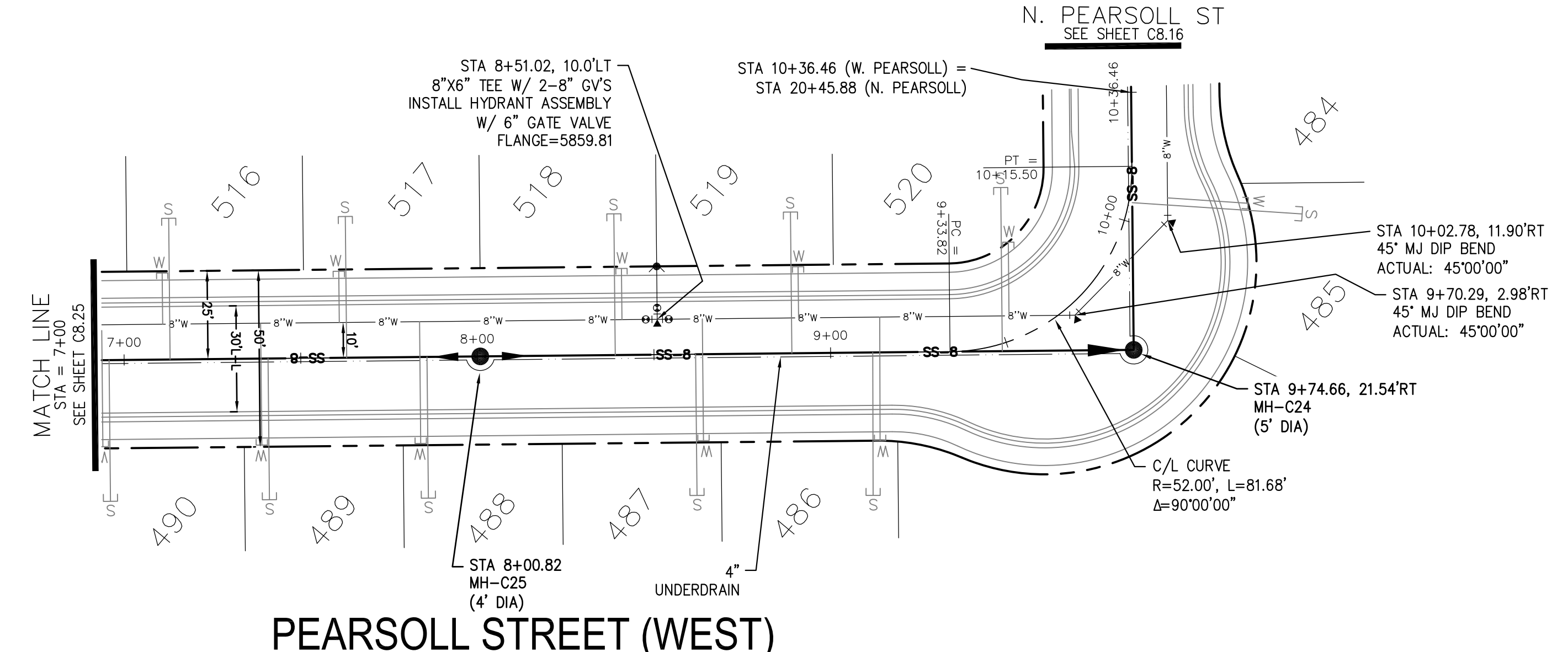


DATE:  
 NOV 5, 2021

PROJECT NO.  
 100.064

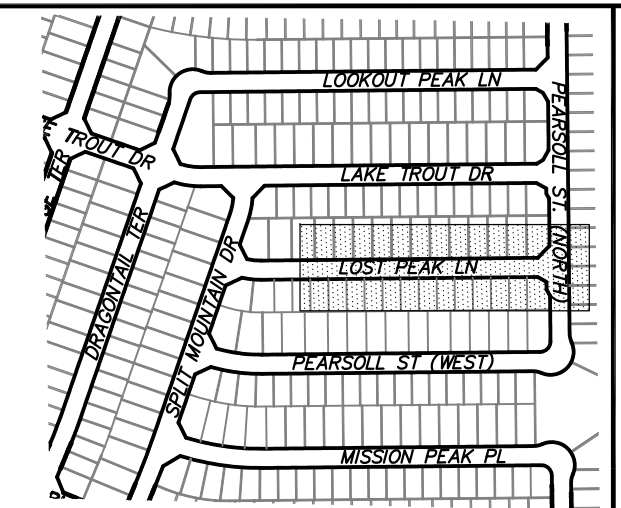
SHEET NUMBER  
 C8.26

TOTAL SHEETS: 75



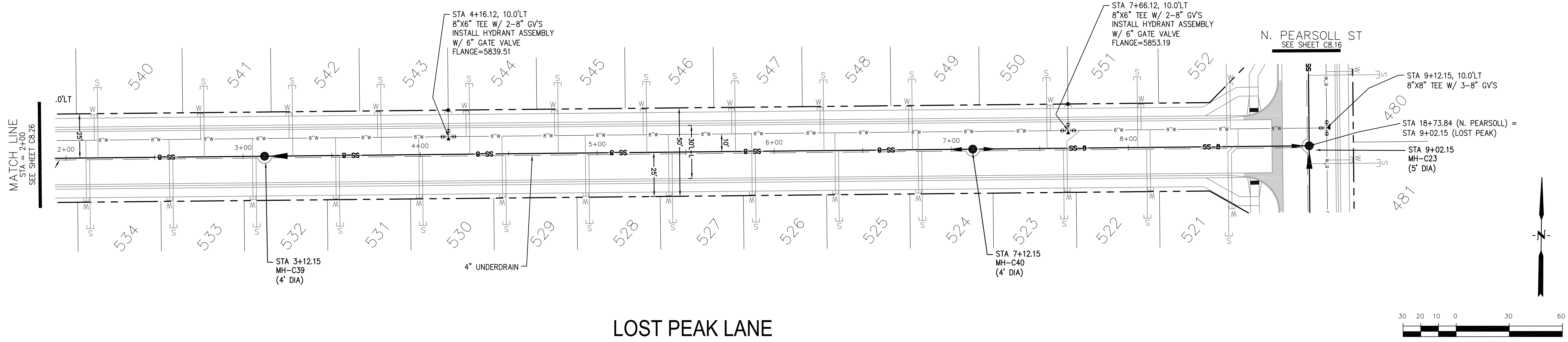
**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE

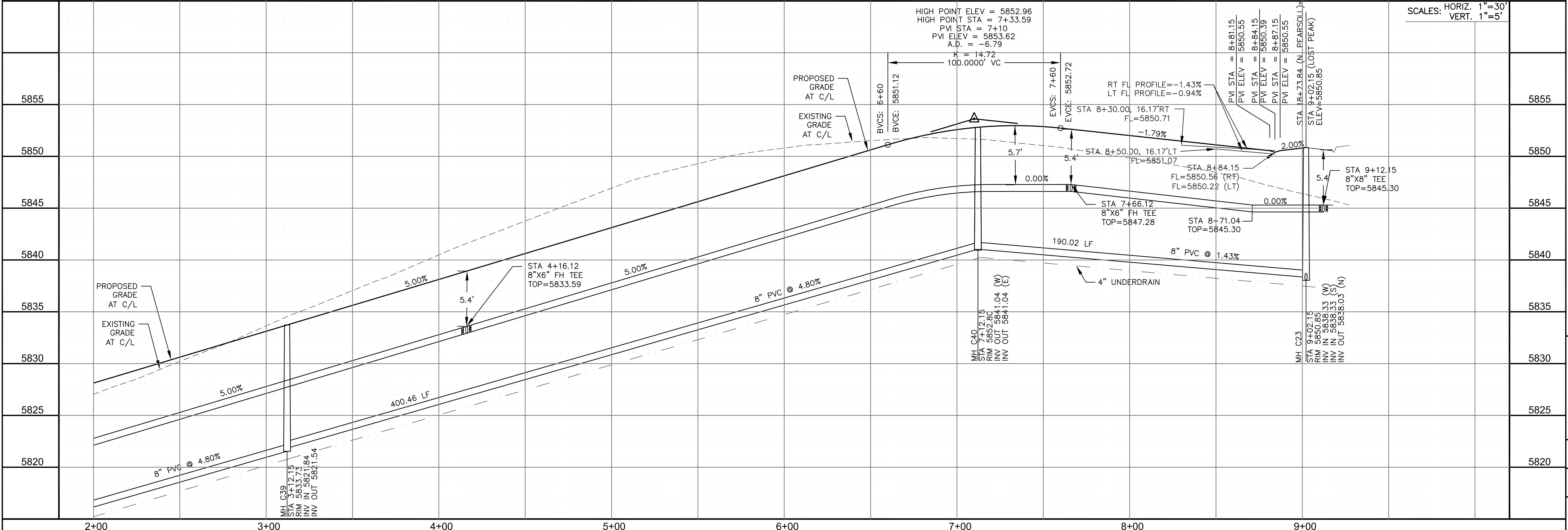


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOODS, CO 80903  
 PH: 719.576.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@ceg1.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK



**LOST PEAK LANE**



**SAN / WATERMAIN - SOUTH AREA**  
**LOST PEAK LANE**  
**STA 2+00 TO 9+02**



DATE:  
 NOV 5, 2021

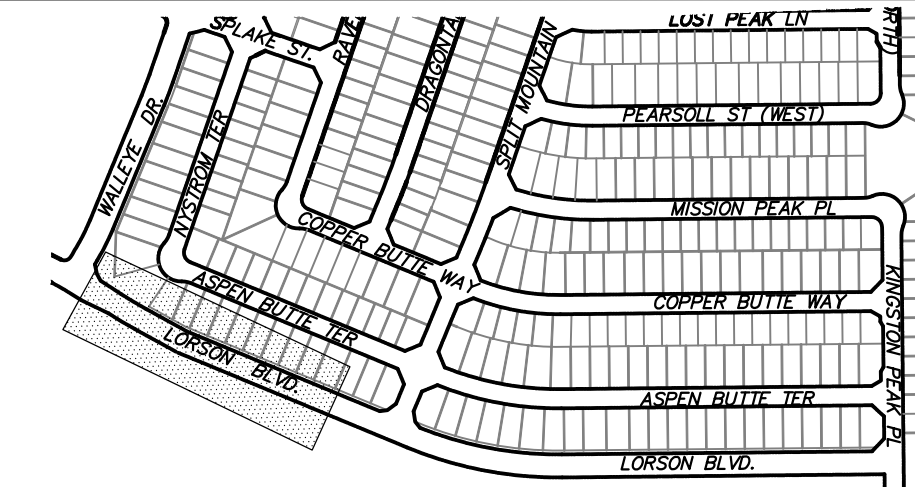
PROJECT NO.  
 100.064

SHEET NUMBER  
 C8.27

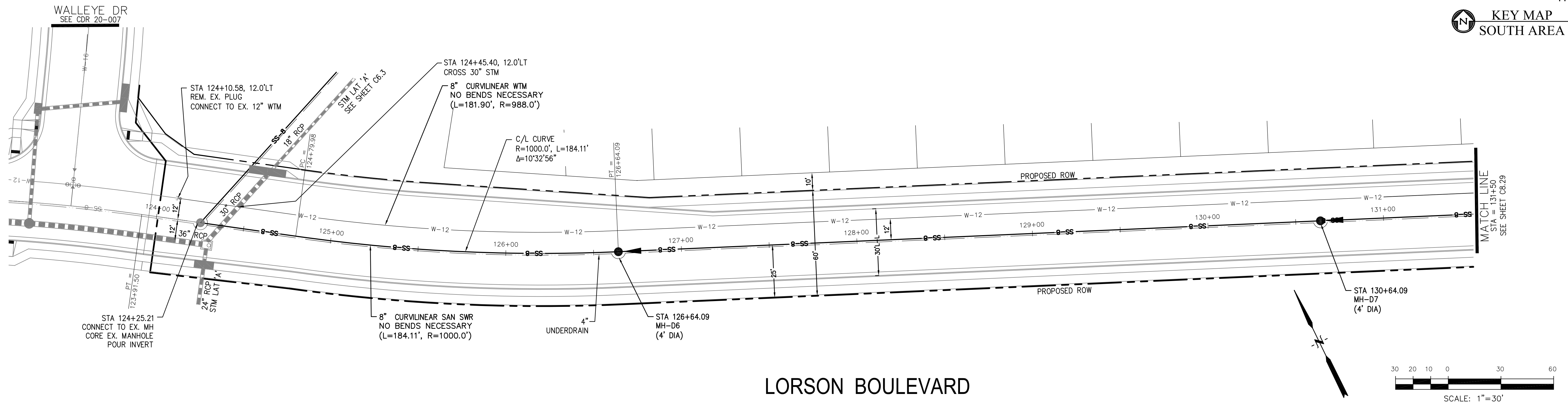
TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE

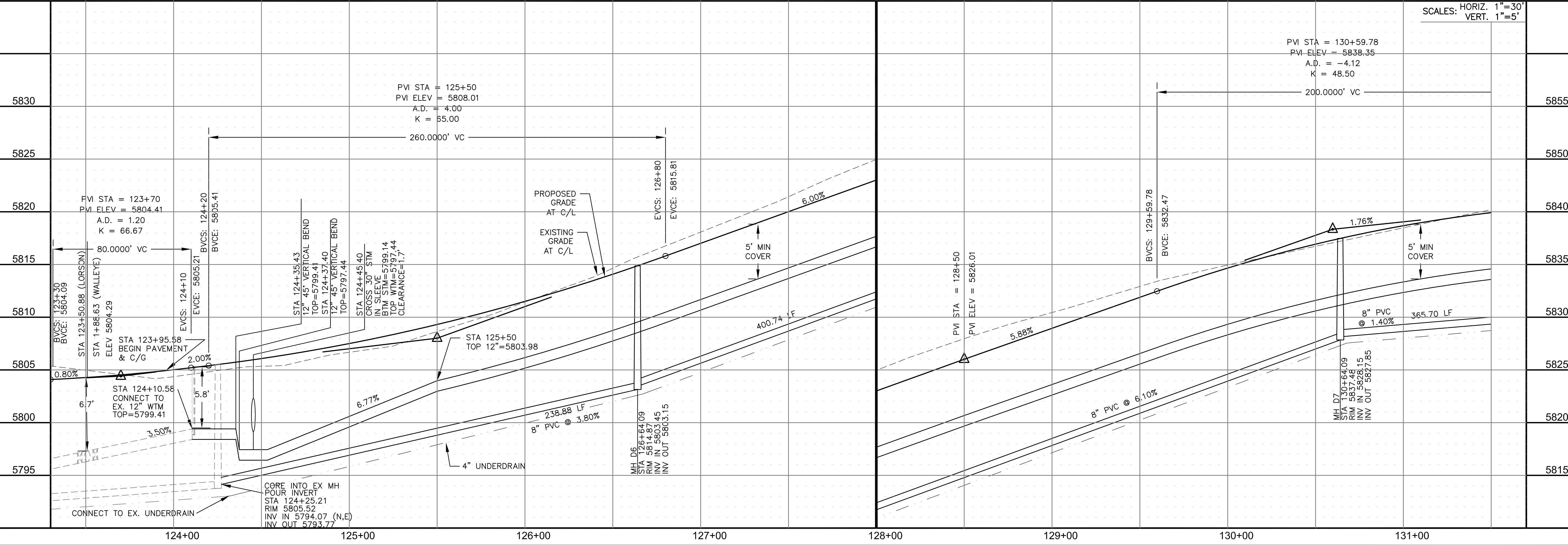


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOODS, CO 80906  
 PH: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com



DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

PROJECT: **AT THE RIDGE AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK



**SAN / WATERMAIN - SOUTH AREA**  
**LORSON BOULEVARD**  
**STA 123+95 TO 131+50**

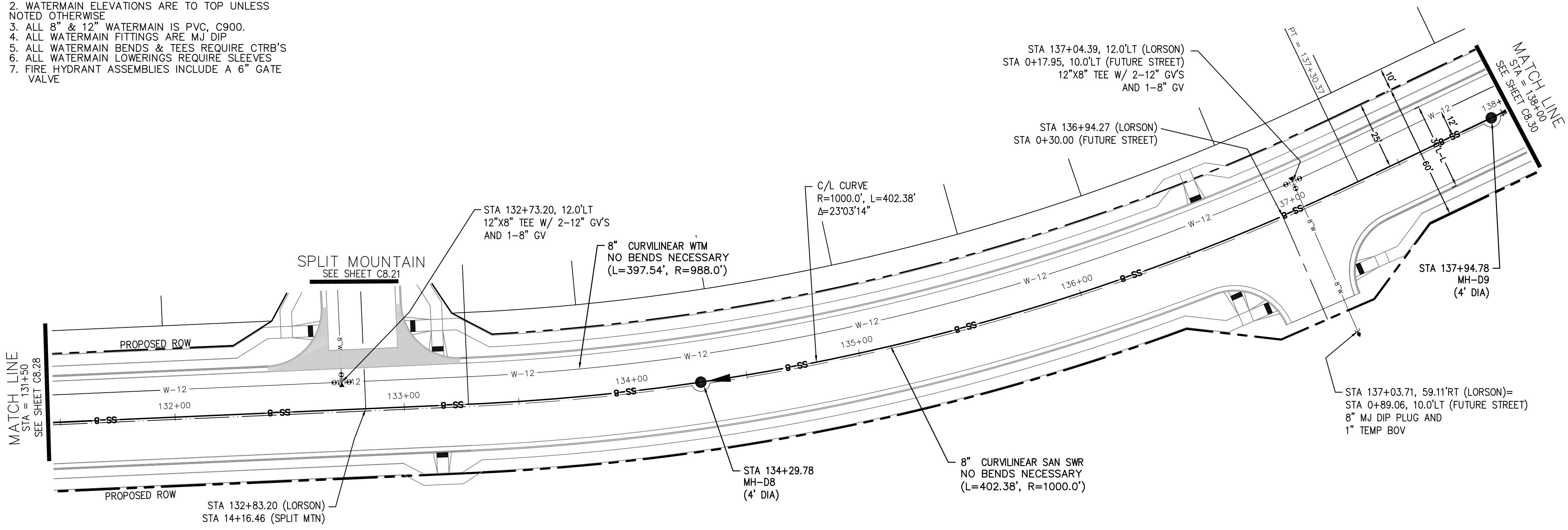
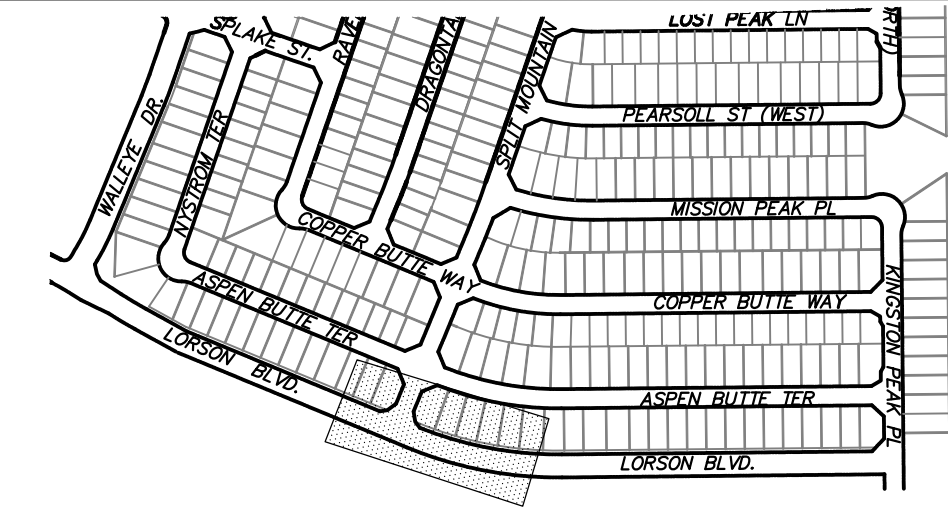
DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.28  
 TOTAL SHEETS: 75



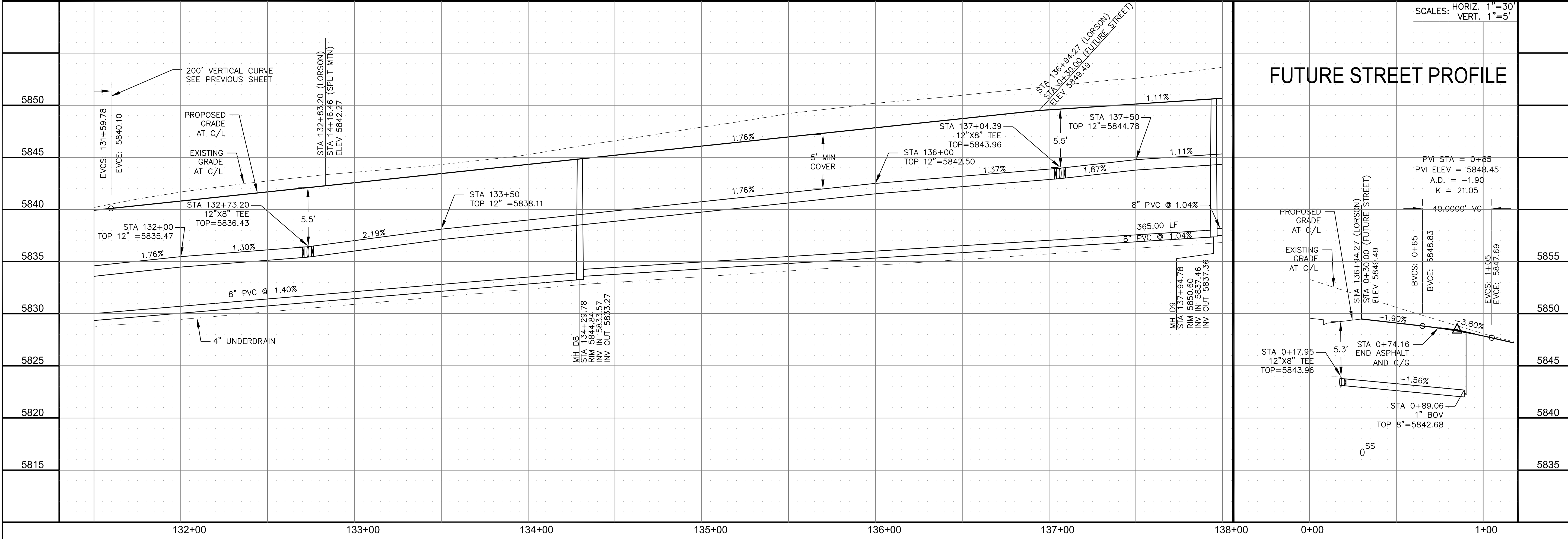
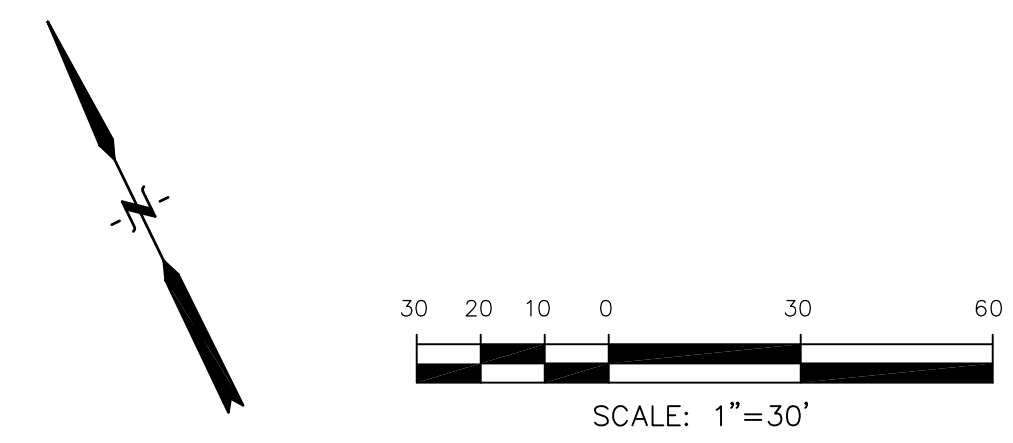


**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**LORSON BOULEVARD**



**FUTURE STREET PROFILE**

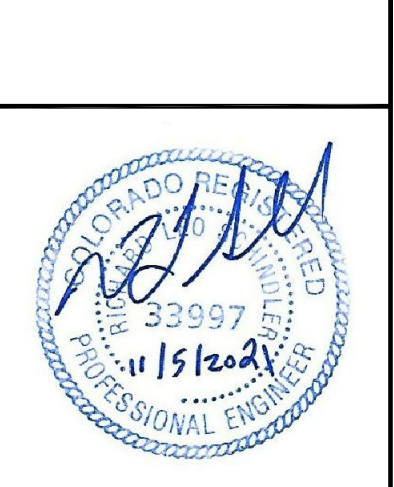
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 100, SUITE 5506  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE, SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: (719) 635-3200  
 CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

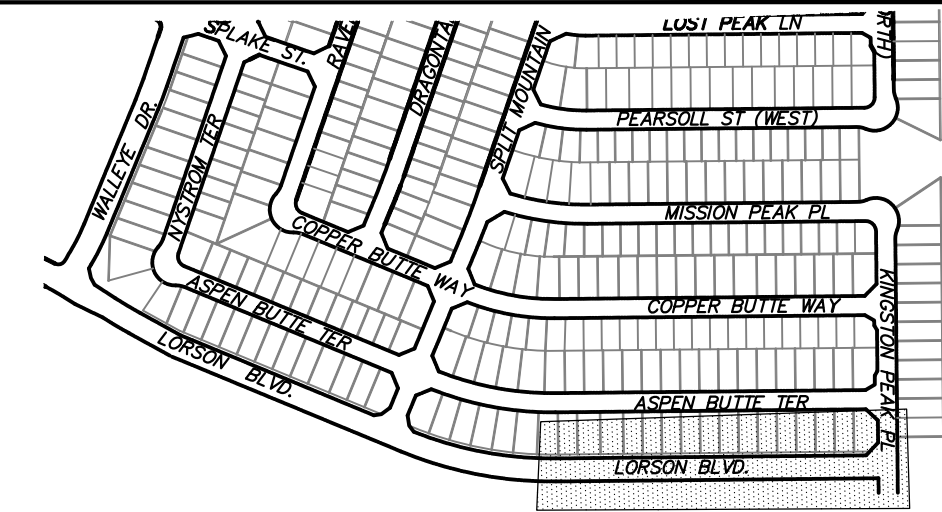
**SAN / WATERMAIN - SOUTH AREA**  
**LORSON BOULEVARD**  
**STA 131+50 TO 138+00**



DATE:  
 NOV 5, 2021  
 PROJECT NO.  
 100.064  
 SHEET NUMBER  
 C8.29  
 TOTAL SHEETS: 75

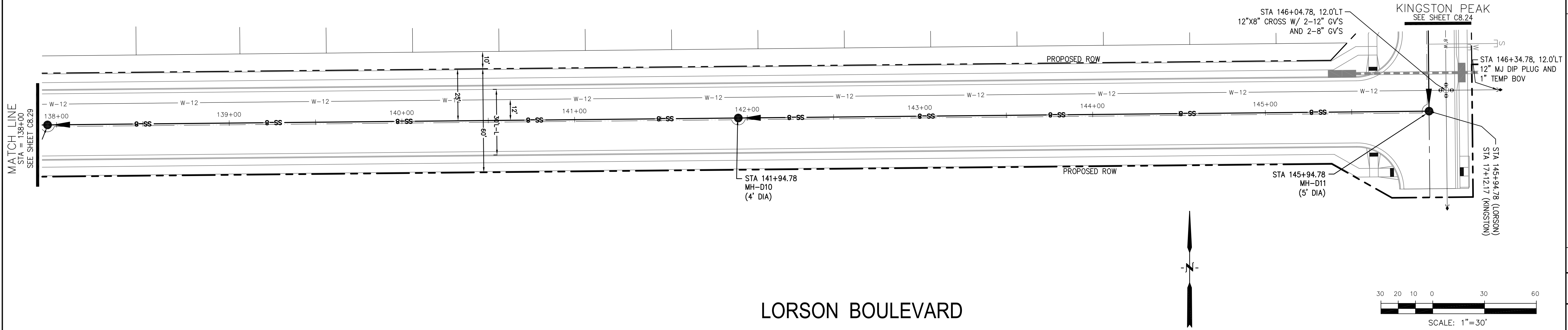
**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.

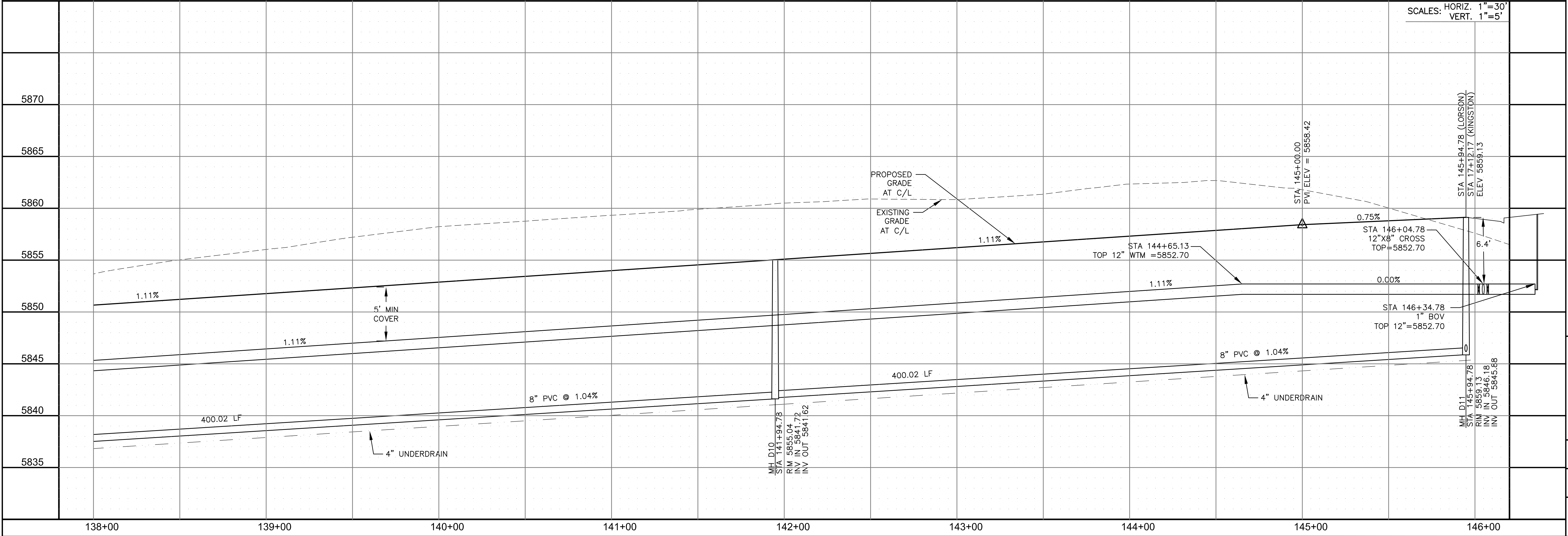
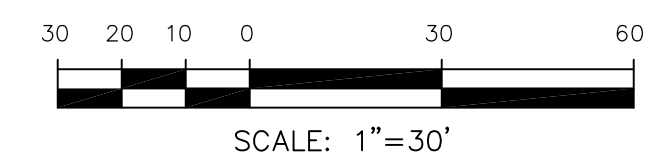


**KEY MAP SOUTH AREA**

KINGSTON PEAK  
SEE SHEET C8.24



**LORSON BOULEVARD**



**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80202  
PHONE: 303.750.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_

PREPARED FOR:  
**LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
FONTAINE BLVD - WALLEYE DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - SOUTH AREA**  
**LORSON BOULEVARD**  
**STA 138+00 TO 145+95**

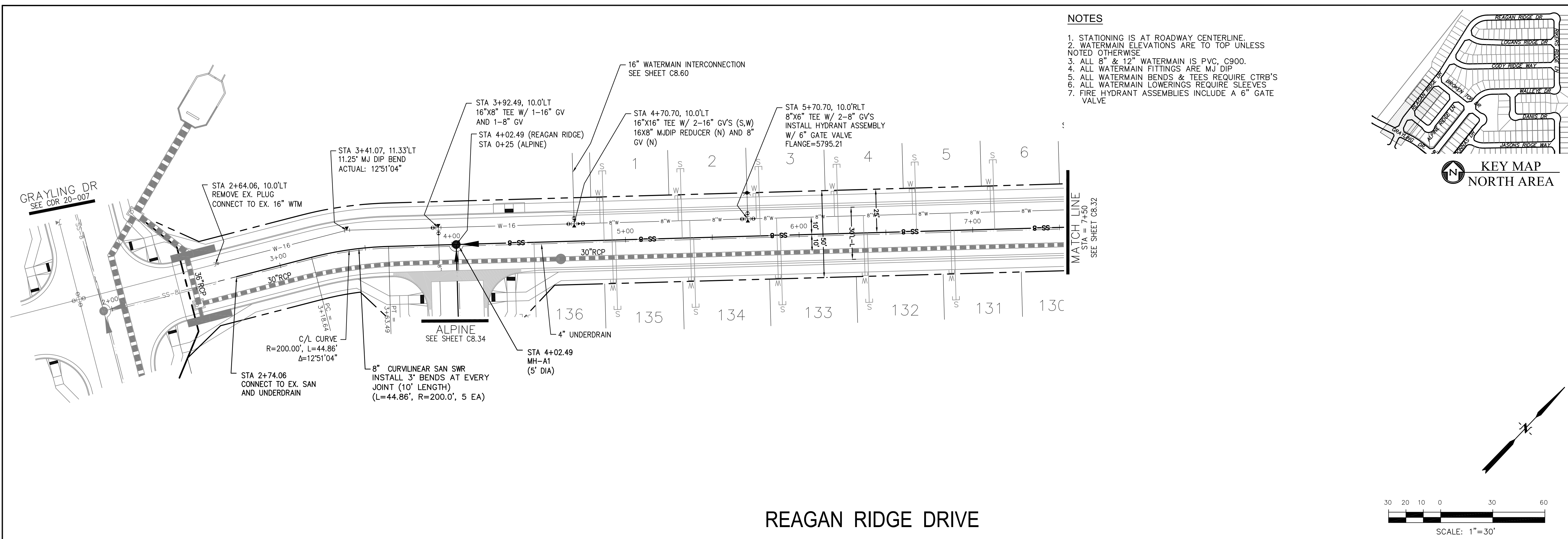


DATE:  
NOV 5, 2021

PROJECT NO.  
100.064

SHEET NUMBER  
C8.30

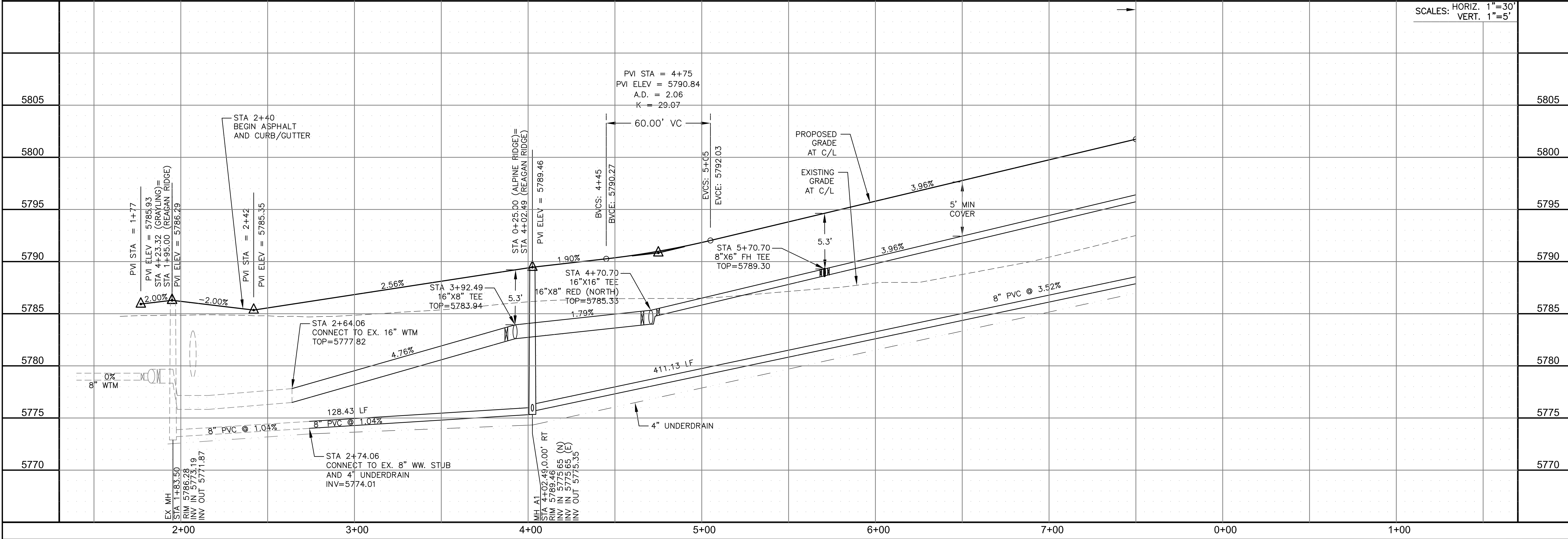
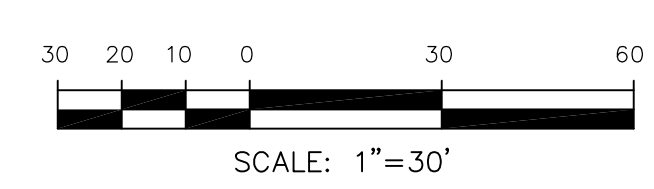
TOTAL SHEETS: 75



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 79 570 1100  
 COLORADO SPRINGS, CO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

**THE RIDGE AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS



**SAN / WATERMAIN - NORTH AREA**  
**REAGAN RIDGE DRIVE**  
**STA 1+95 TO 7+50**

**PROFESSIONAL ENGINEER**  
 33997  
 11/15/2021

DATE: NOV 5, 2021

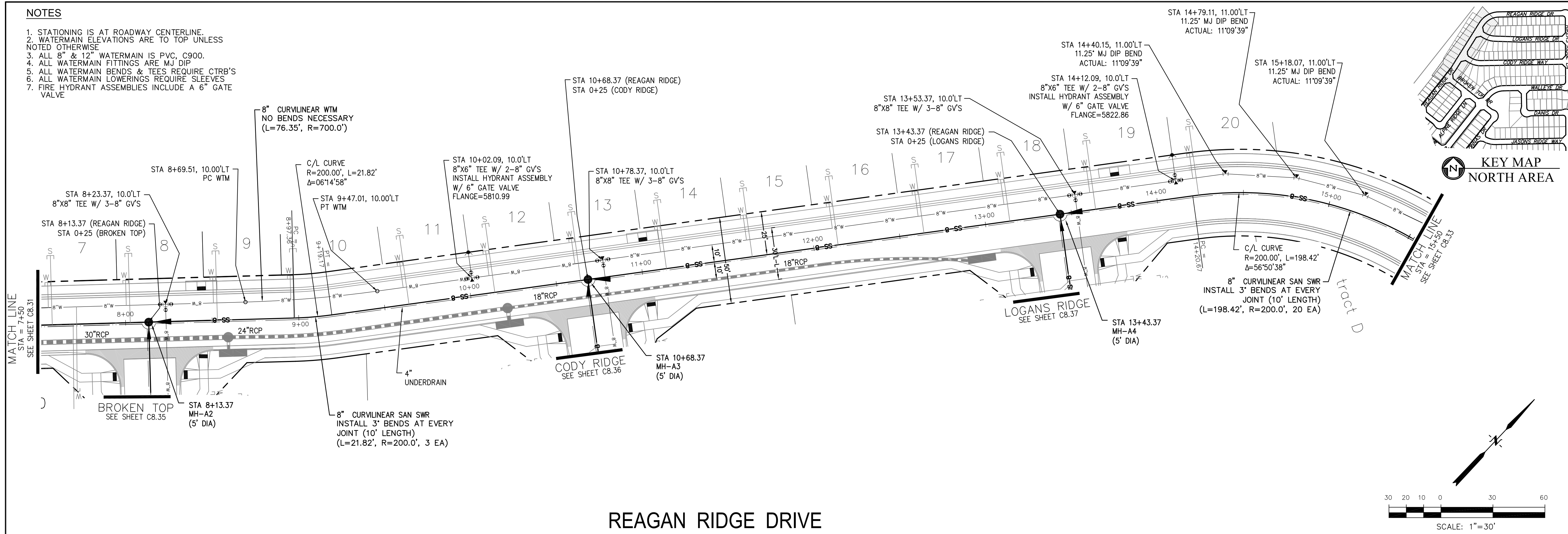
PROJECT NO. 100.064

SHEET NUMBER C8.31

TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.

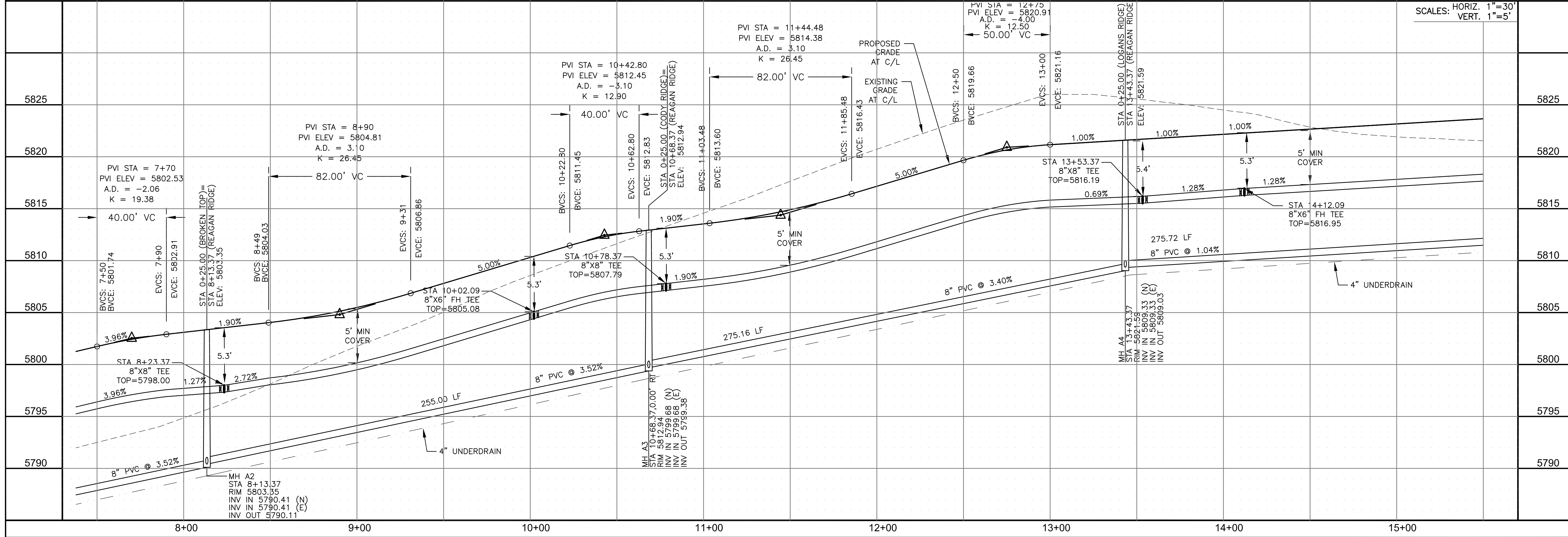


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 700, SUITE 300  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

**AT THE RIDGE RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS



**SAN / WATERMAIN - NORTH AREA**  
**REAGAN RIDGE DRIVE**  
**STA 7+50 TO 15+50**

DATE: NOV 5, 2021

PROJECT NO. 100.064

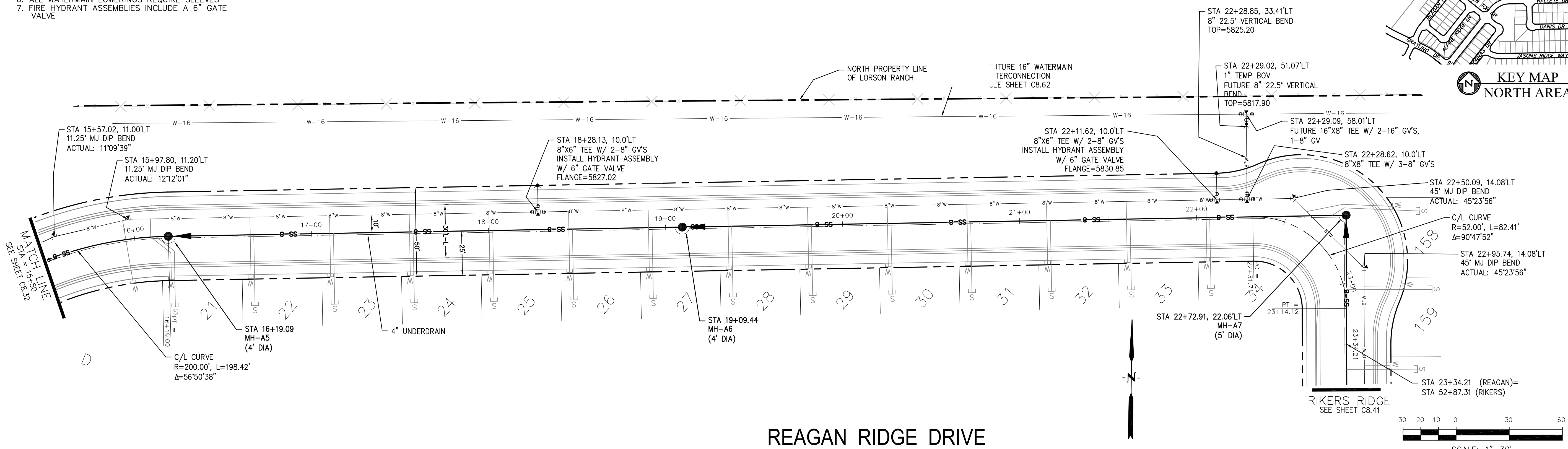
SHEET NUMBER C8.32

TOTAL SHEETS: 75

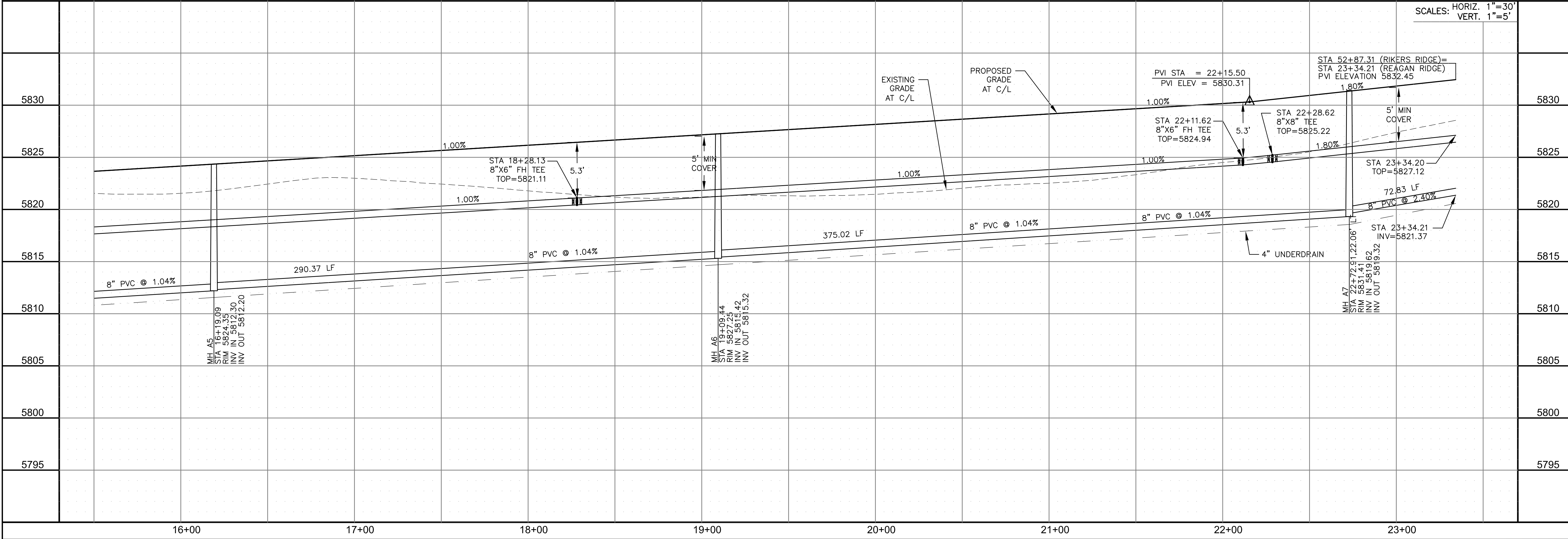
Professional Engineer Seal: RICHARD L. SCHINDLER, P.E., No. 33997, State of Colorado, expires 11/15/2024.

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**REAGAN RIDGE DRIVE**



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOODS, CO 80606  
 PH: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

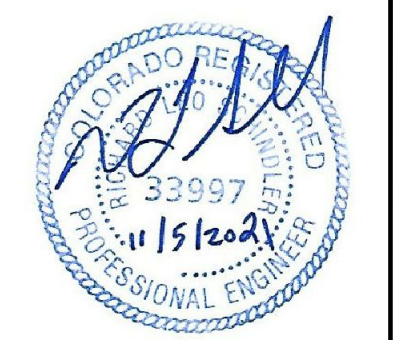
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_

PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

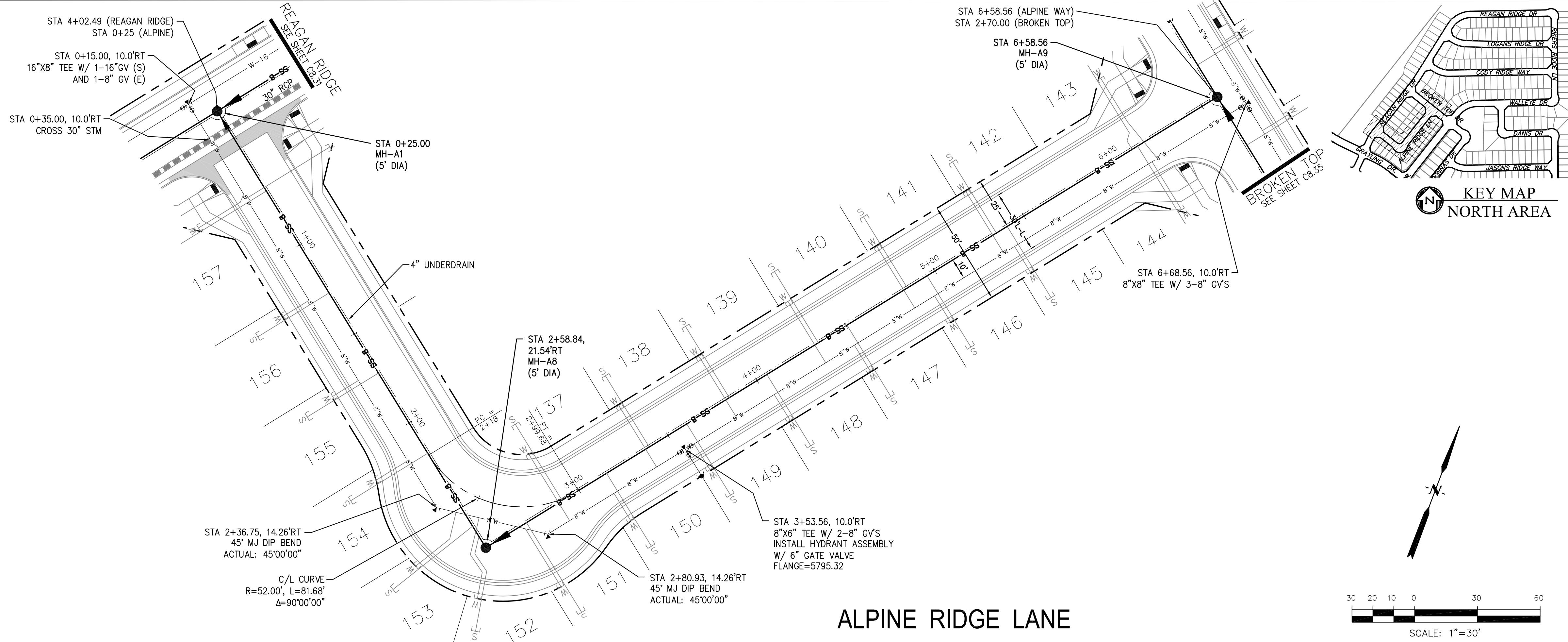
**SAN / WATERMAIN - NORTH AREA**  
**REAGAN RIDGE DRIVE**  
**STA 15+50 TO 23+34**



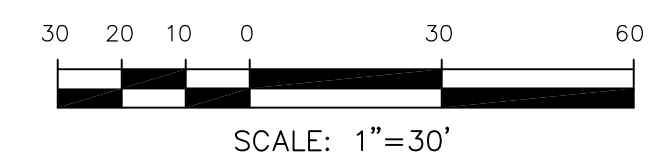
DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.33  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
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4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



**ALPINE RIDGE LANE**



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 790 570 1100  
 COLORADO SPRINGS, CO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**ALPINE RIDGE LANE**  
**STA 0+00 TO 6+58**

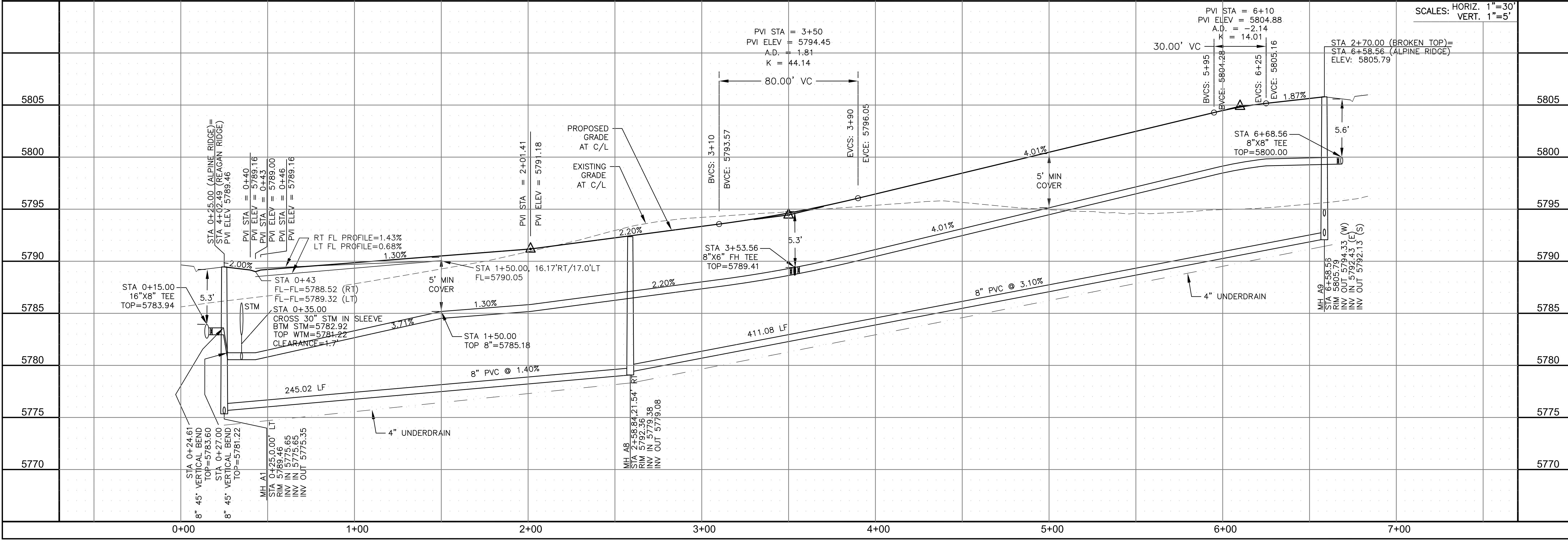


DATE:  
 NOV 5, 2021

PROJECT NO.  
 100.064

SHEET NUMBER  
 C8.34

TOTAL SHEETS: 75

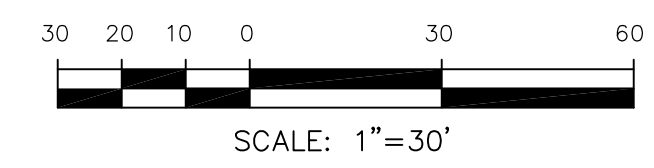
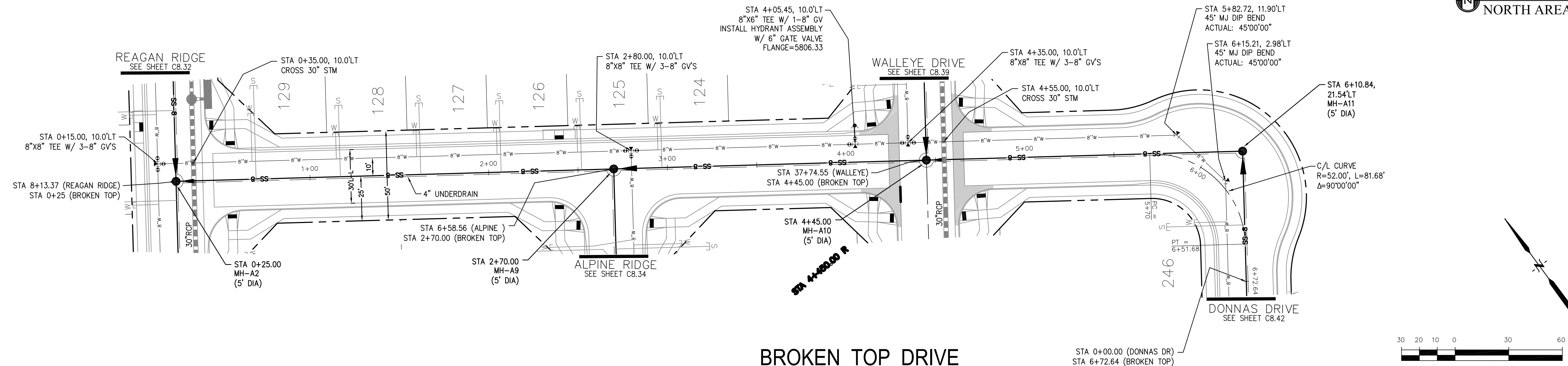


**NOTES**

- 1. STATIONING IS AT ROADWAY CENTERLINE.
- 2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
- 3. ALL 8" & 12" WATERMAIN IS PVC, C900.
- 4. ALL WATERMAIN FITTINGS ARE MJ DIP.
- 5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
- 6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
- 7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**CORE  
ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 7800, SUITE 5506  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com



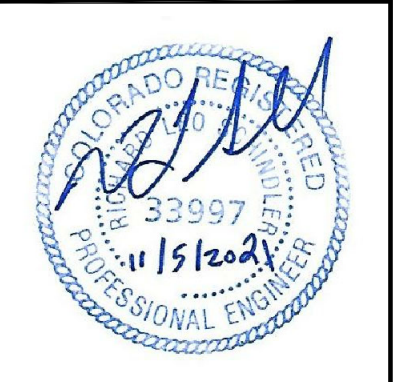
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

PROJECT: **THE RIDGE  
AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

PREPARED FOR: **LORSON, LLC**

ELEVATION	PROFILES		VERTICAL CURVE DATA		STATION	ELEVATION
	RT FL PROFILE	LT FL PROFILE	VC DATA	VC DATA		
5815	HIGH POINT ELEV = 5806.37 HIGH POINT STA = 3+35.56 PVI STA = 3+40 PVI ELEV = 5806.49 A.D. = -2.57 K = 15.56		40.00' VC		3+35.56	5815
5810	RT FL PROFILE = -1.41% LT FL PROFILE = -0.82%		BYVCS: 3+20 BVCE: 5806.29 EVCVCS: 3+60 EVCE: 5806.18		3+60	5810
5805	RT FL PROFILE = 1.43% LT FL PROFILE = 0.68%				3+40	5805
5800	RT FL PROFILE = 1.69% LT FL PROFILE = 0.81%				3+40	5800
5795	RT FL PROFILE = 2.00% LT FL PROFILE = 0.81%				3+40	5795
5790	RT FL PROFILE = 2.00% LT FL PROFILE = 0.81%				3+40	5790
5785	RT FL PROFILE = 2.00% LT FL PROFILE = 0.81%				3+40	5785
5780	RT FL PROFILE = 2.00% LT FL PROFILE = 0.81%				3+40	5780

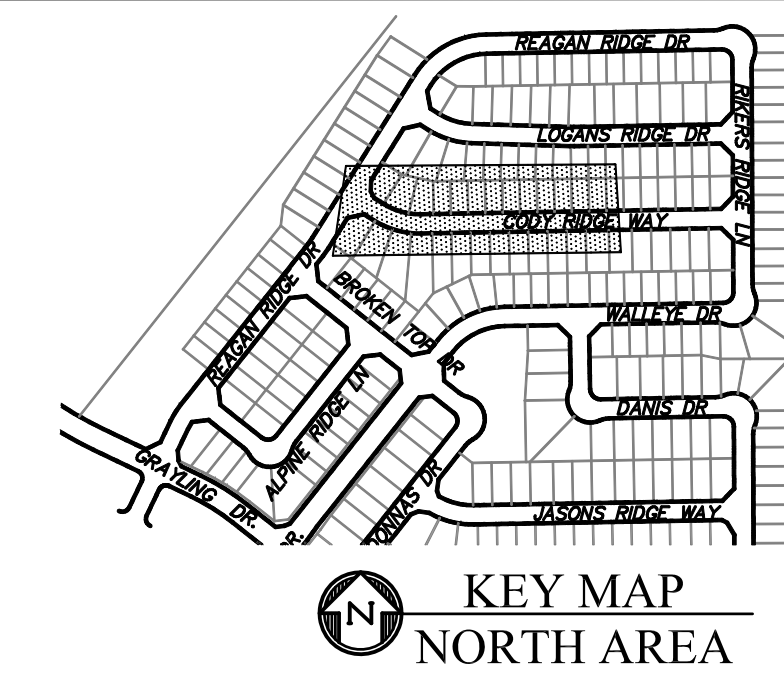
**SAN / WATERMAIN - NORTH AREA**  
**BROKEN TOP DRIVE**  
**STA 0+00 TO 6+72**



DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.35  
 TOTAL SHEETS: 75

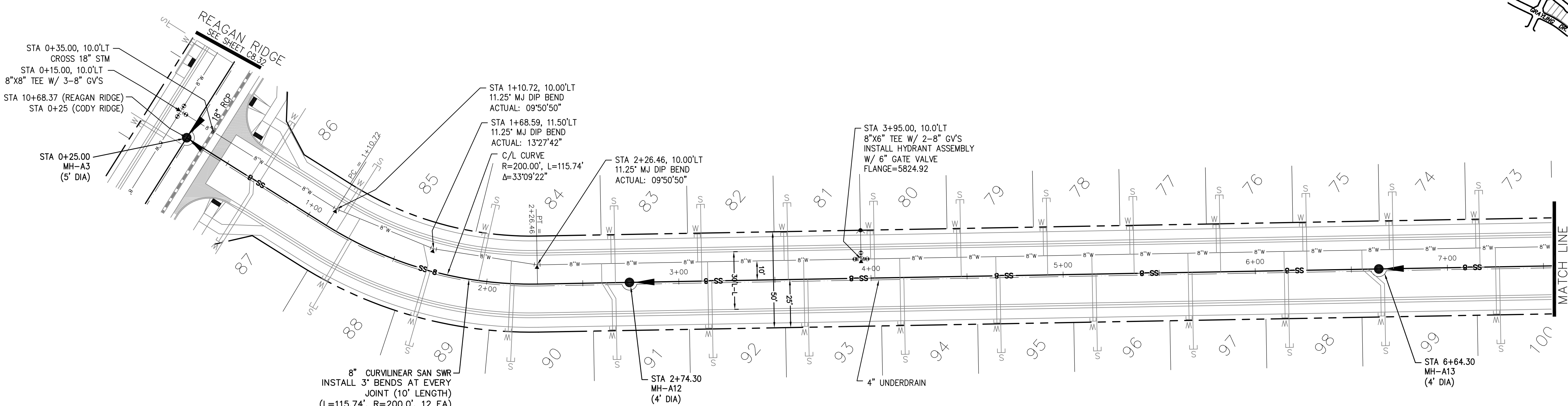
**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE

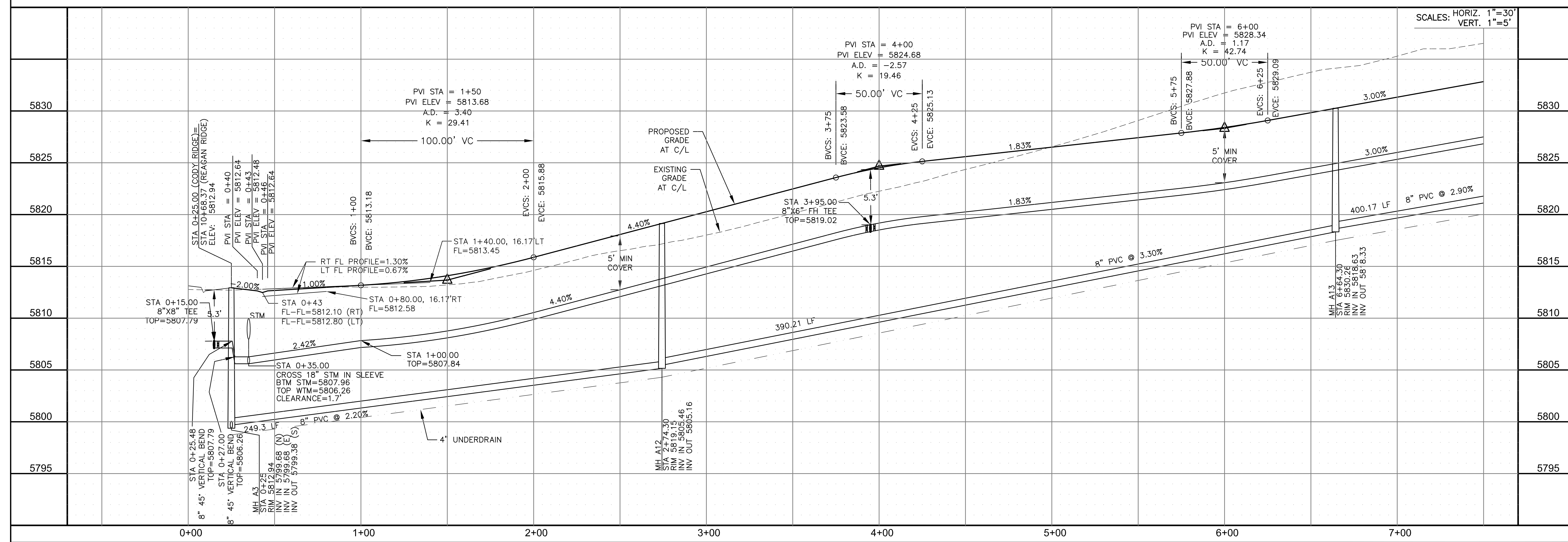
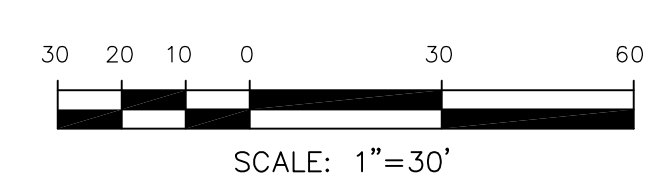


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOODS, CO 80903  
 PH: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

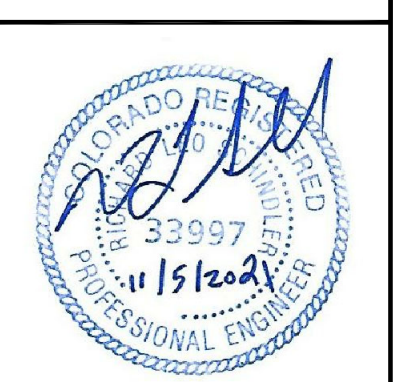
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE, SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
**AT THE RIDGE RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK



**CODY RIDGE WAY**



**SAN / WATERMAIN - NORTH AREA**  
**CODY RIDGE WAY**  
**STA 0+00 TO 7+50**

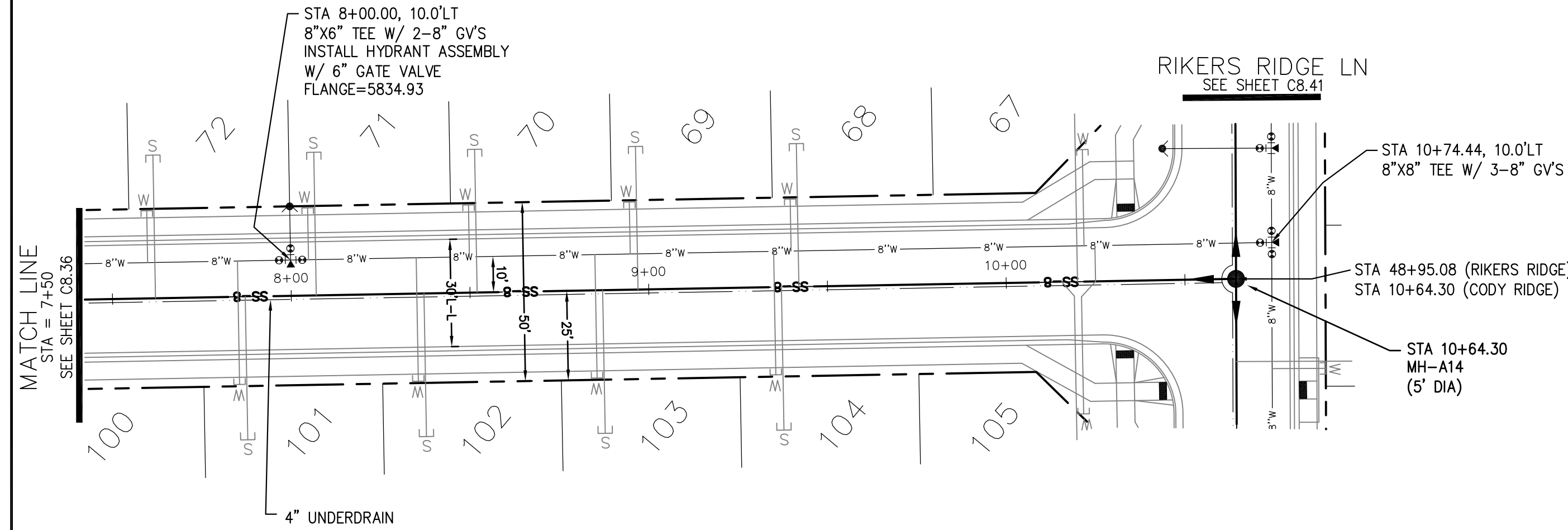


DATE: **NOV 5, 2021**  
 PROJECT NO. **100.064**  
 SHEET NUMBER **C8.36**  
 TOTAL SHEETS: 75

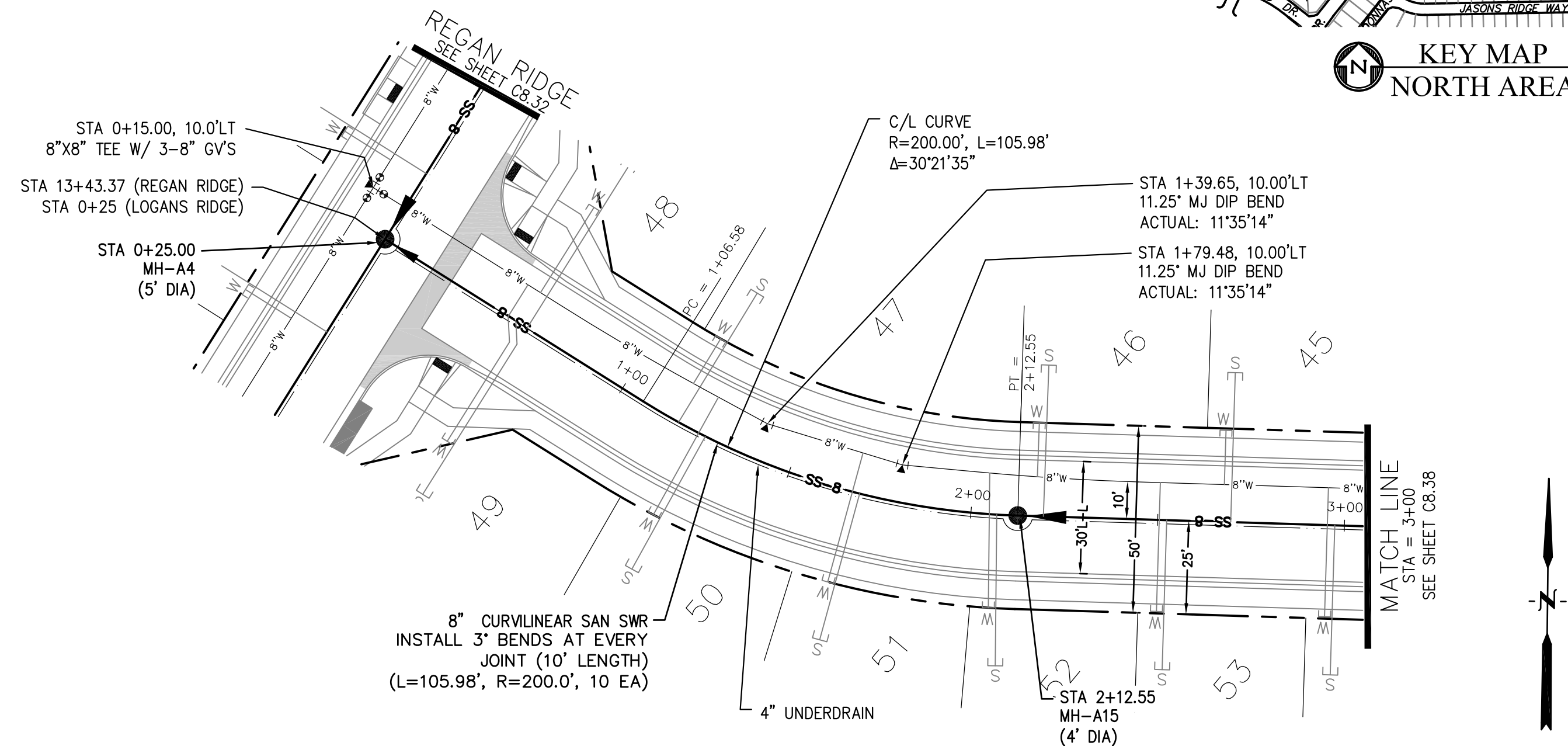


**NOTES**

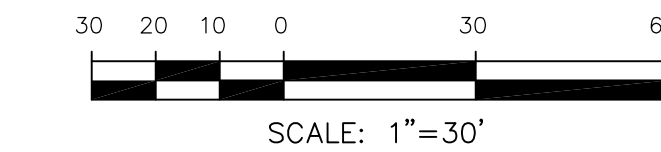
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



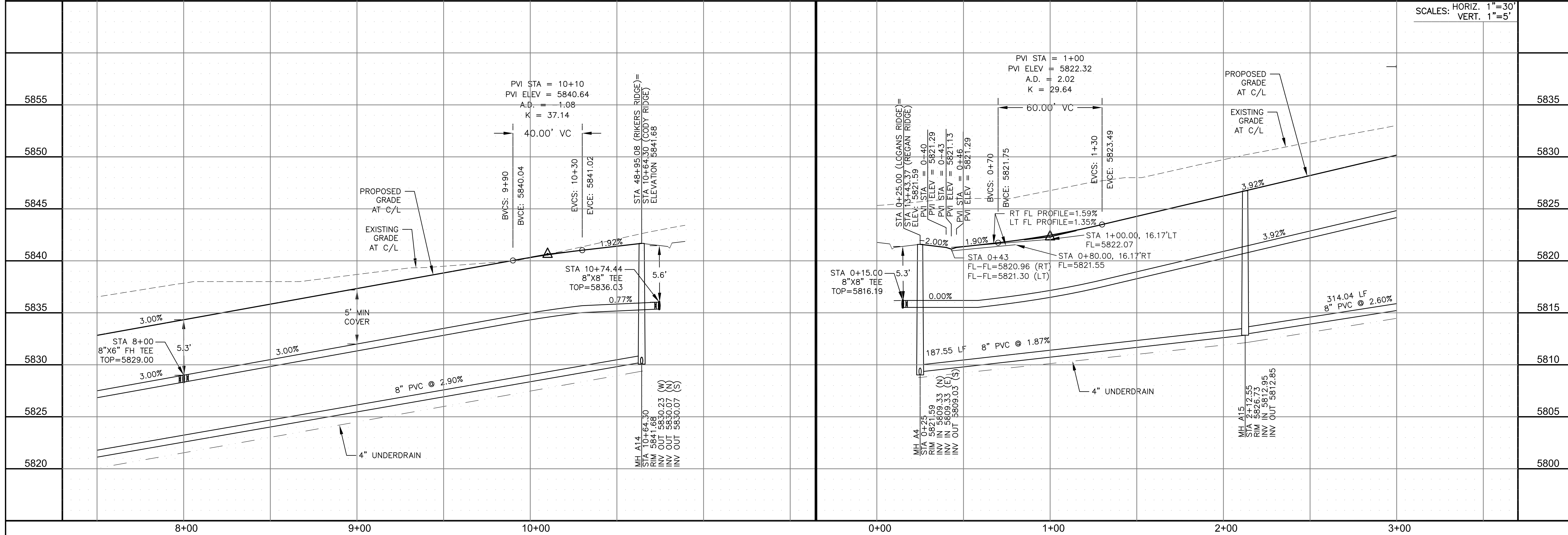
**CODY RIDGE WAY**



**LOGANS RIDGE WAY**



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'



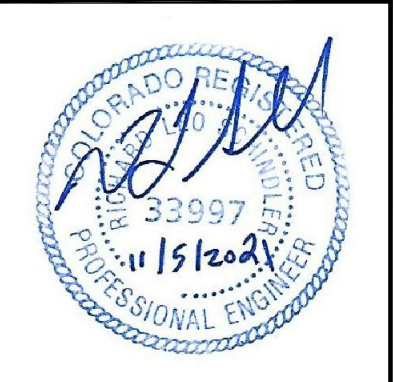
**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNING WOODS, CO 80506  
PH: 719.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

PREPARED FOR:  
**LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

PROJECT:  
**AT THE RIDGE**  
**AT LORSON RANCH**  
FONTAINE BLVD - WALLEYE DR  
COLORADO SPRINGS, COLORADO

**SAN / WATERMAIN - NORTH AREA**  
**CODY RIDGE WAY / LOGANS RIDGE WAY**  
**STA 7+50 TO 10+64**



DATE:  
NOV 5, 2021

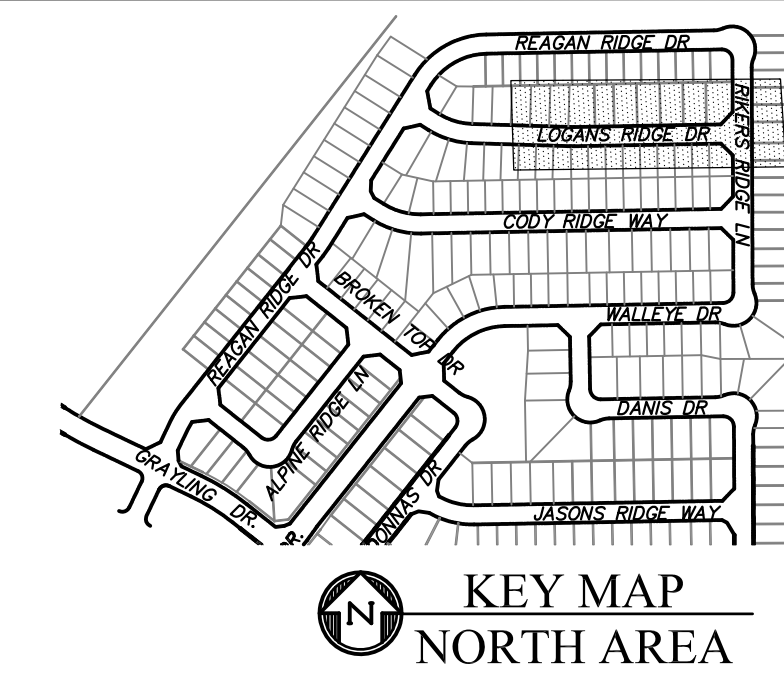
PROJECT NO.  
100.064

SHEET NUMBER  
C8.37

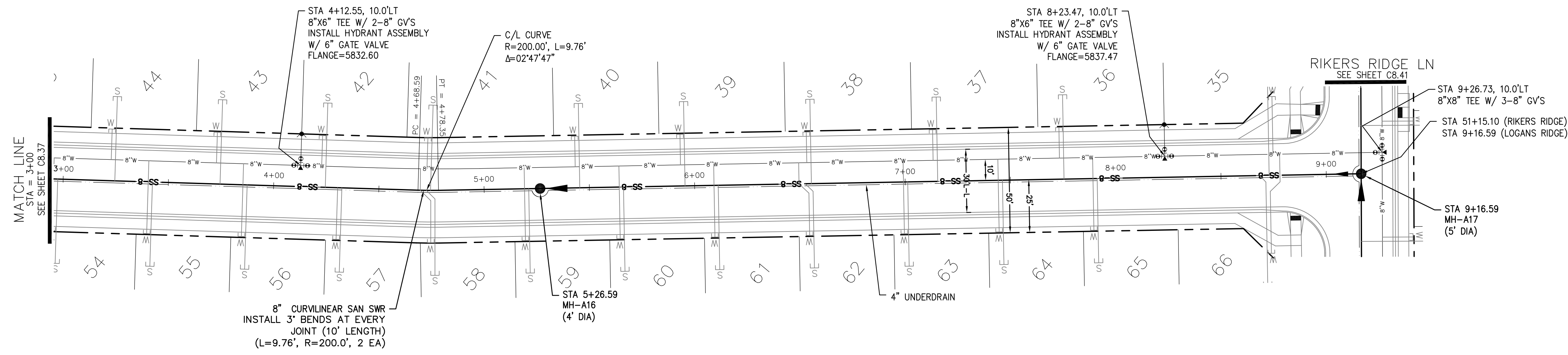
TOTAL SHEETS: 75

**NOTES**

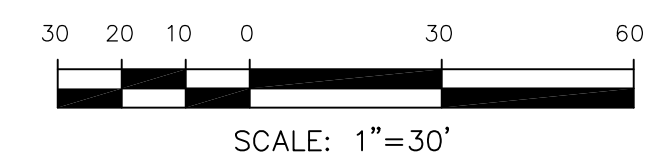
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIF
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRMGHAM, AL 35206  
 PH: 205 970 1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

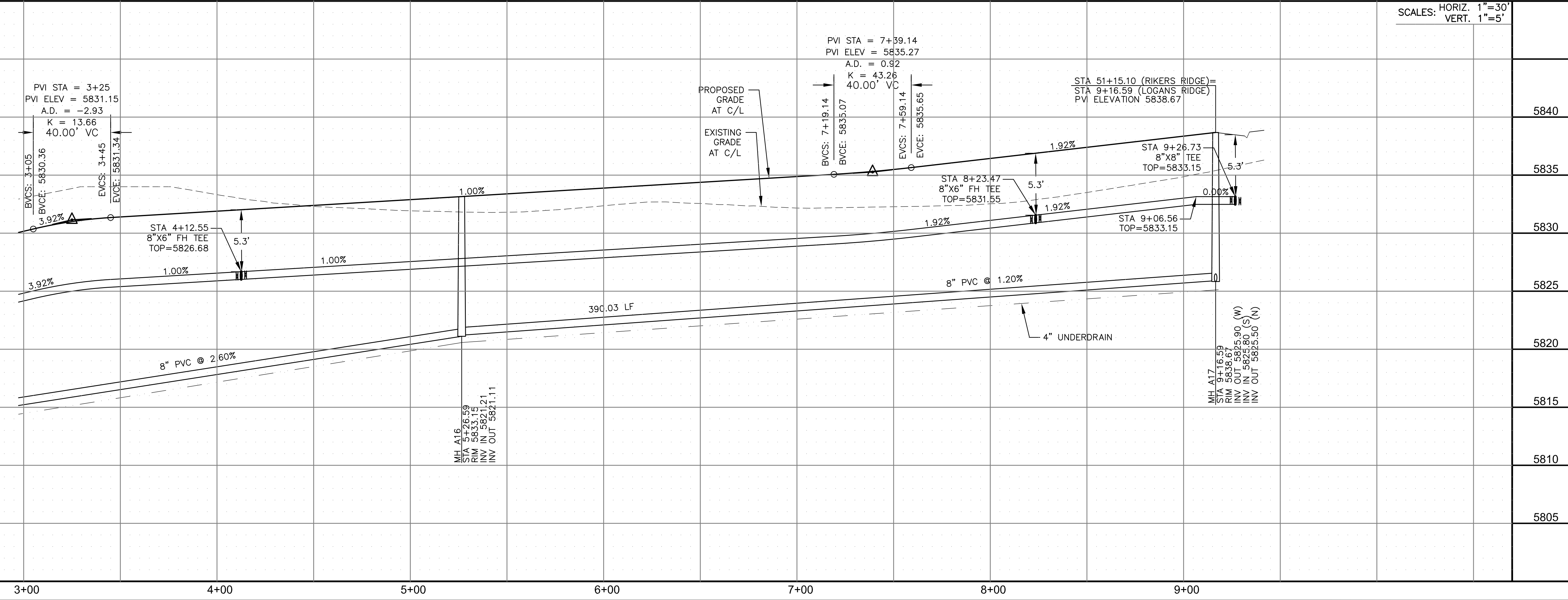


**LOGANS RIDGE WAY**



DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

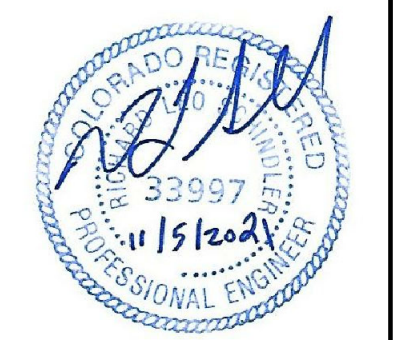
DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS



**SAN / WATERMAIN - NORTH AREA**  
**LOGANS RIDGE WAY**  
**STA 3+00 TO 9+16**

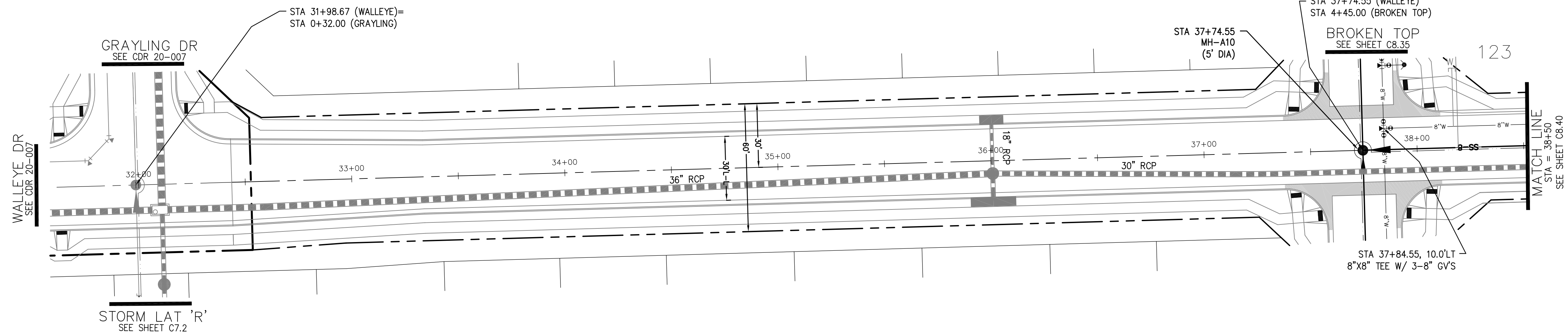
SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'

DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.38  
 TOTAL SHEETS: 75

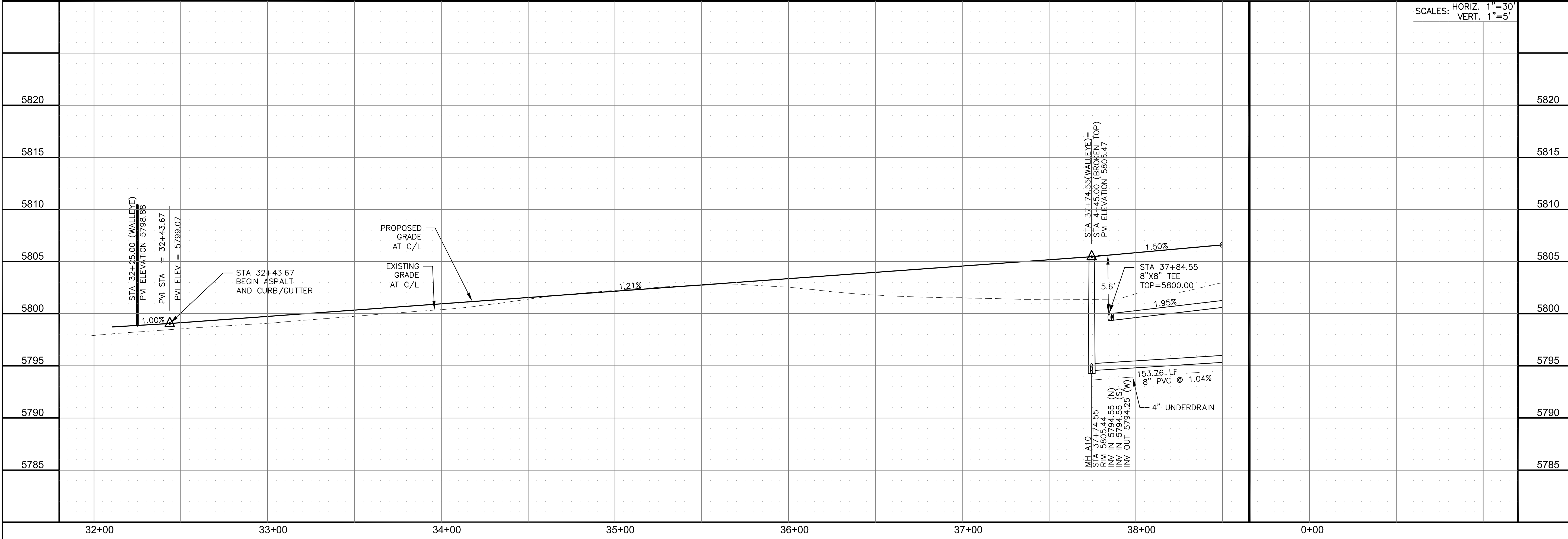
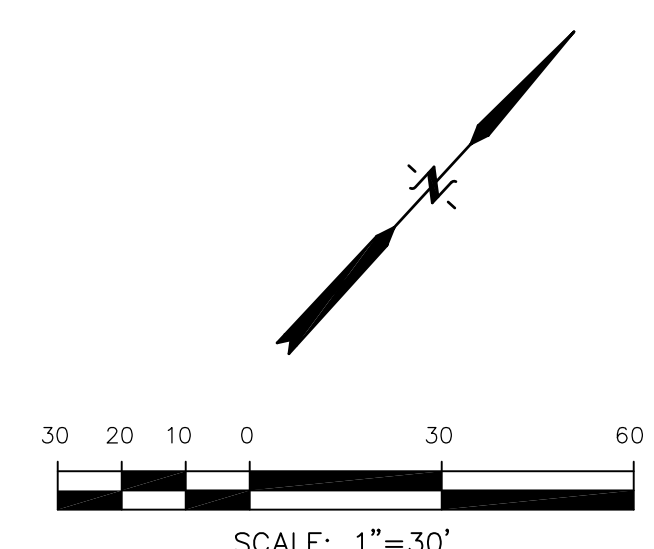
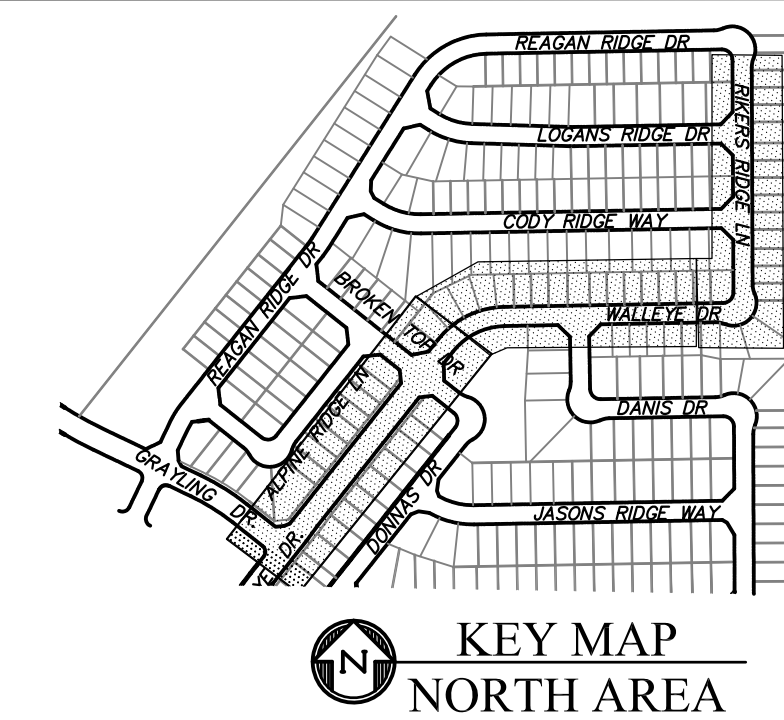


**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**WALLEYE DRIVE**

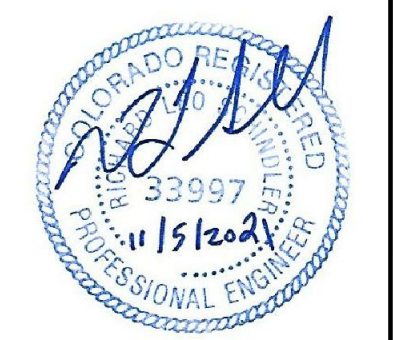


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRMGHAM, AL 35206  
 PH: 205 970 1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

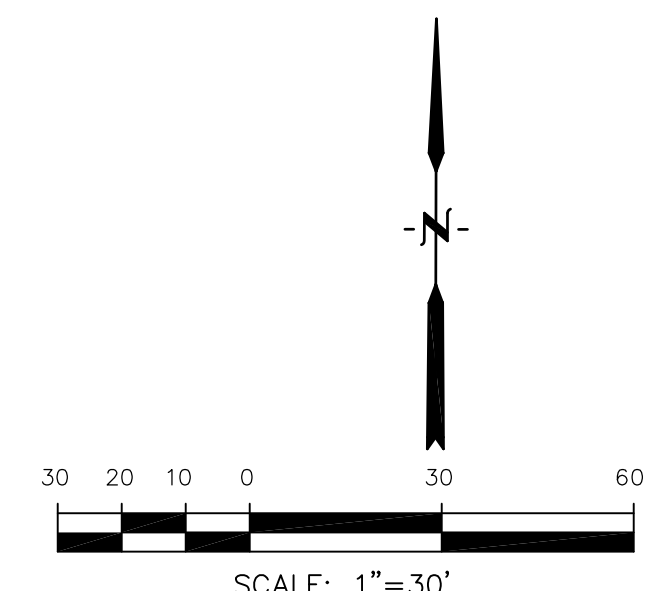
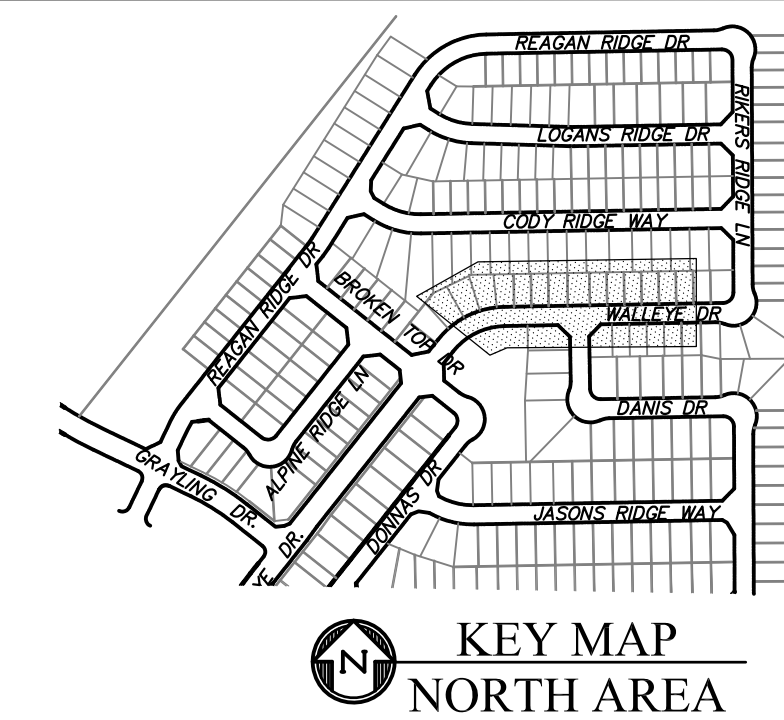
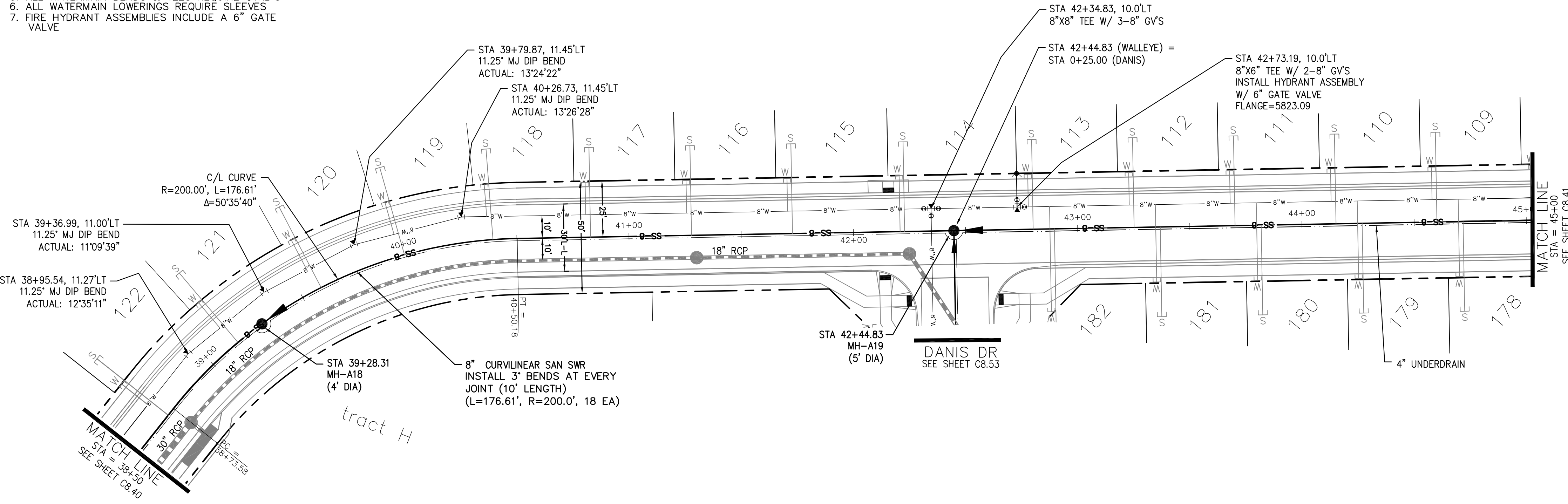
**SAN / WATERMAIN - NORTH AREA**  
**WALLEYE DRIVE**  
**STA 31+98 TO 38+50**



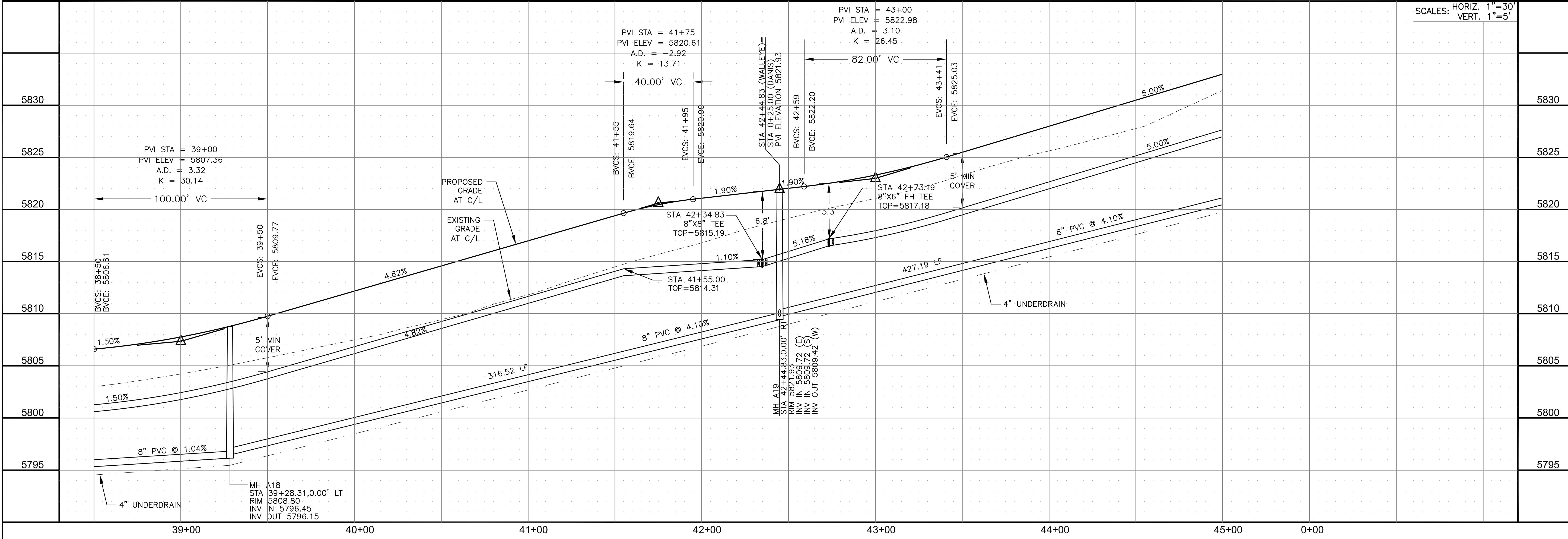
DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.39  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



**WALLEYE DRIVE**



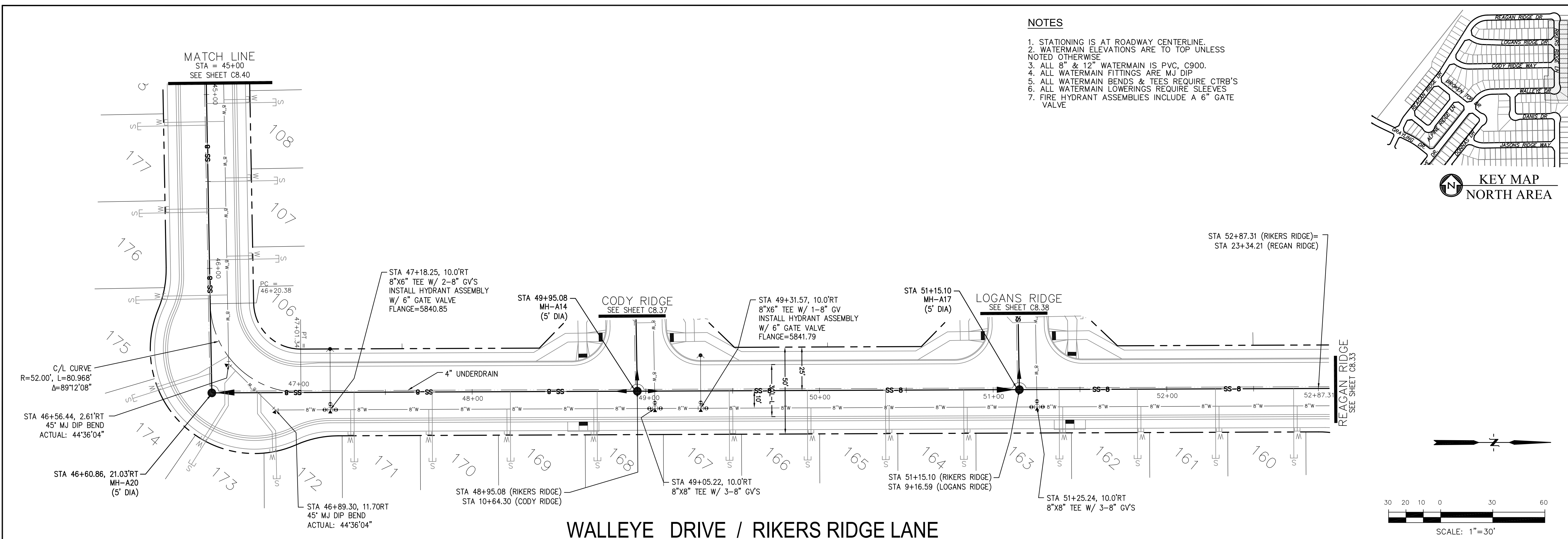
**SAN / WATERMAIN - NORTH AREA**  
**WALLEYE DRIVE**  
**STA 38+50 TO 45+00**

DATE: NOV 5, 2021

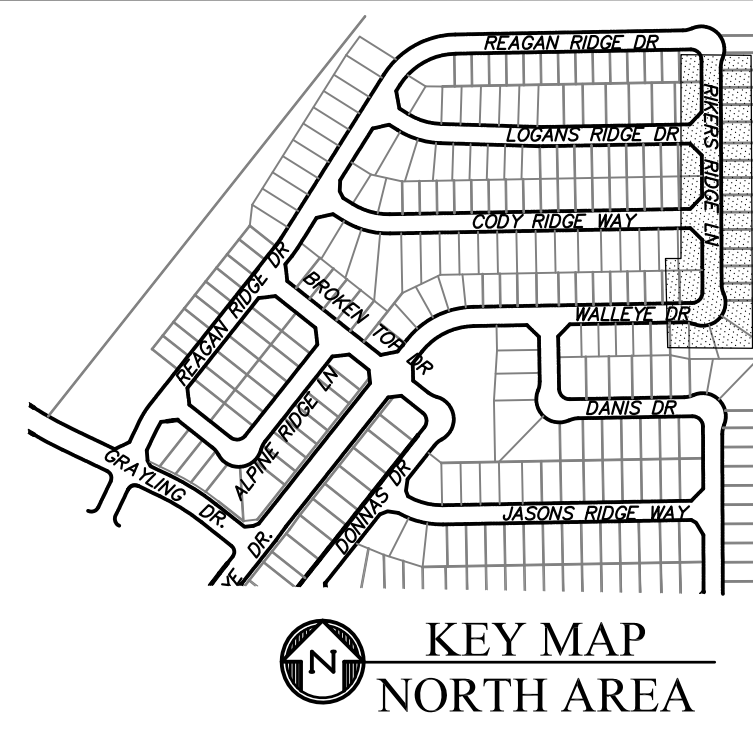
PROJECT NO. 100.064

SHEET NUMBER C8.40

TOTAL SHEETS: 75



- NOTES**
1. STATIONING IS AT ROADWAY CENTERLINE.
  2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
  3. ALL 8" & 12" WATERMAIN IS PVC, C900.
  4. ALL WATERMAIN FITTINGS ARE MJ DIP.
  5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
  6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
  7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.

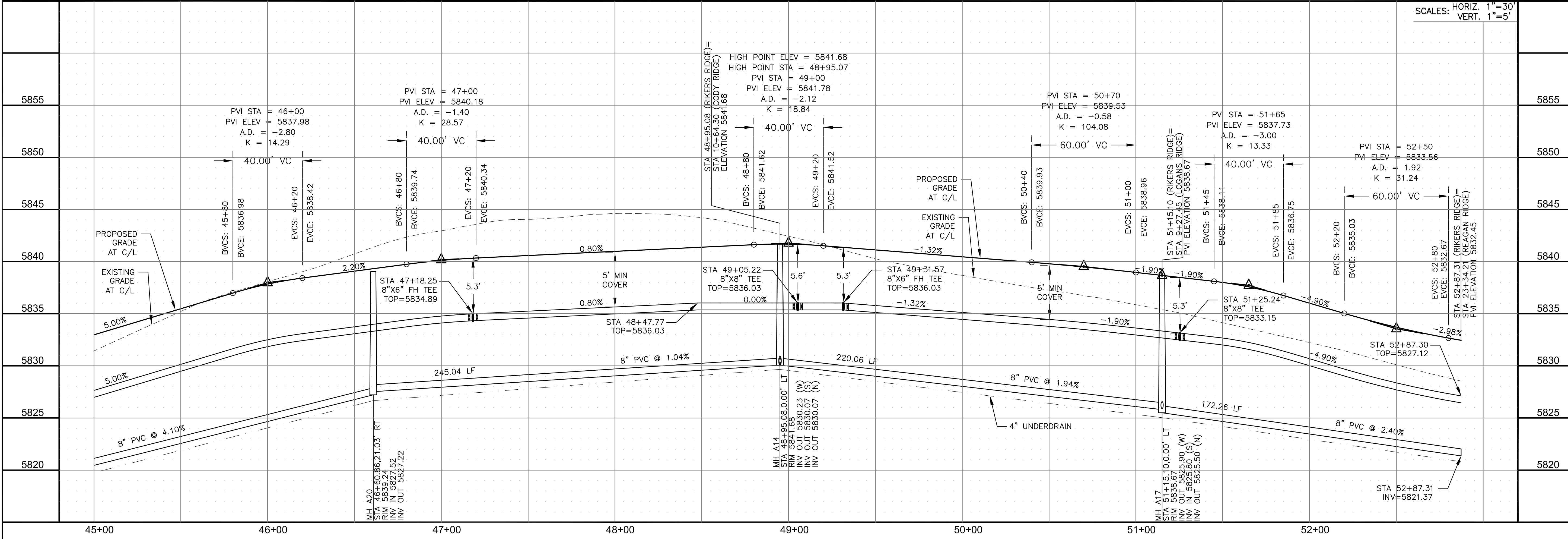
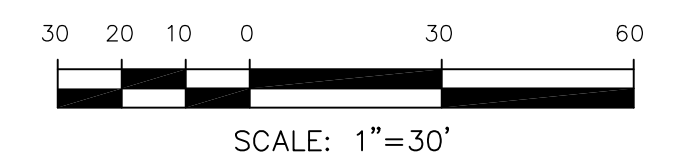


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 700, SUITE 55506  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

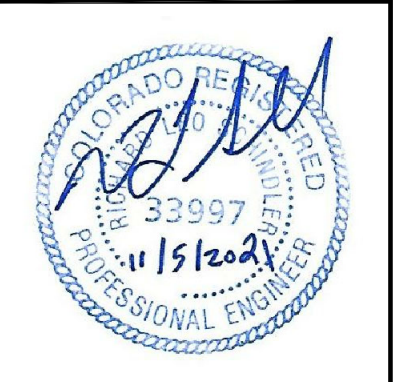
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE, SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 (719) 635-3200  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**WALLEYE DRIVE / RIKERS RIDGE LANE**



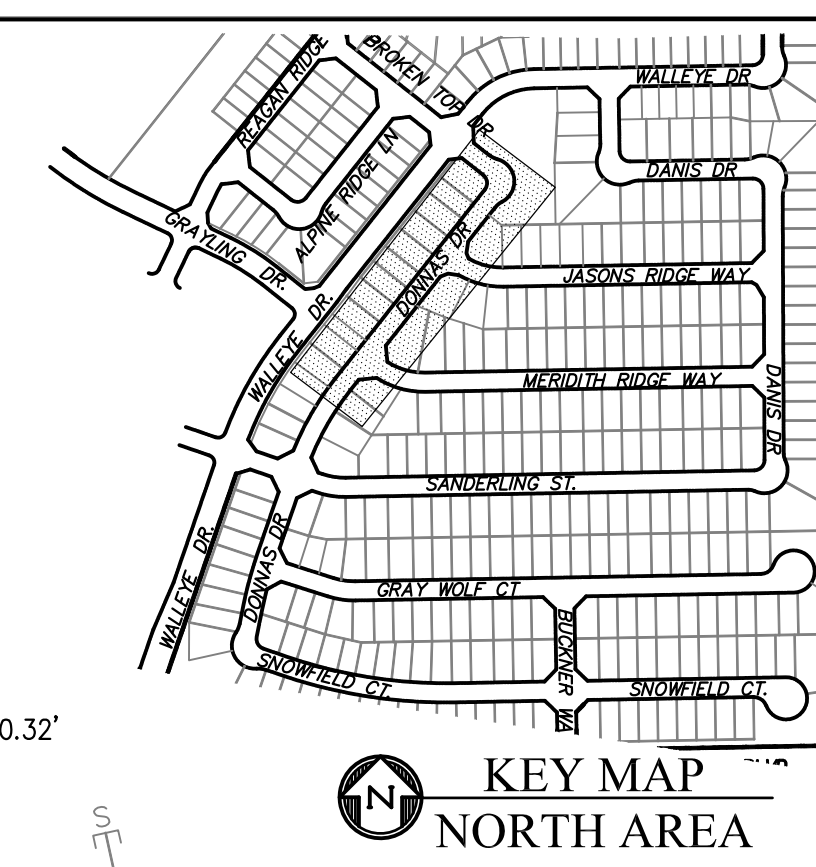
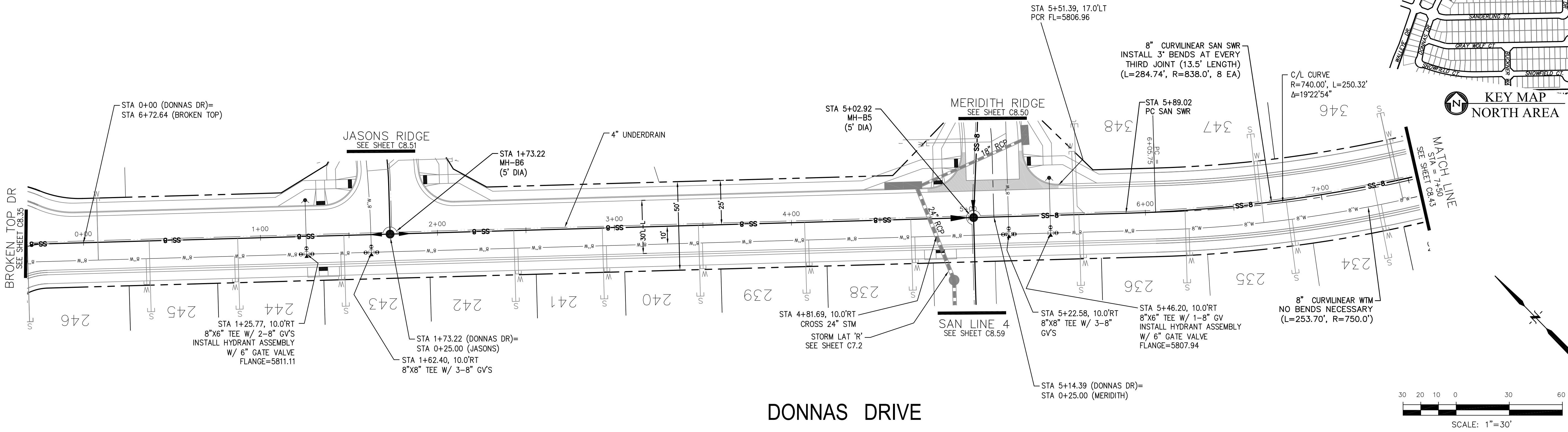
**SAN / WATERMAIN - NORTH AREA**  
**WALLEYE DRIVE / RIKERS RIDGE LANE**  
**STA 45+00 TO 52+87**



DATE: **NOV 5, 2021**  
 PROJECT NO. **100.064**  
 SHEET NUMBER **C8.41**  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE

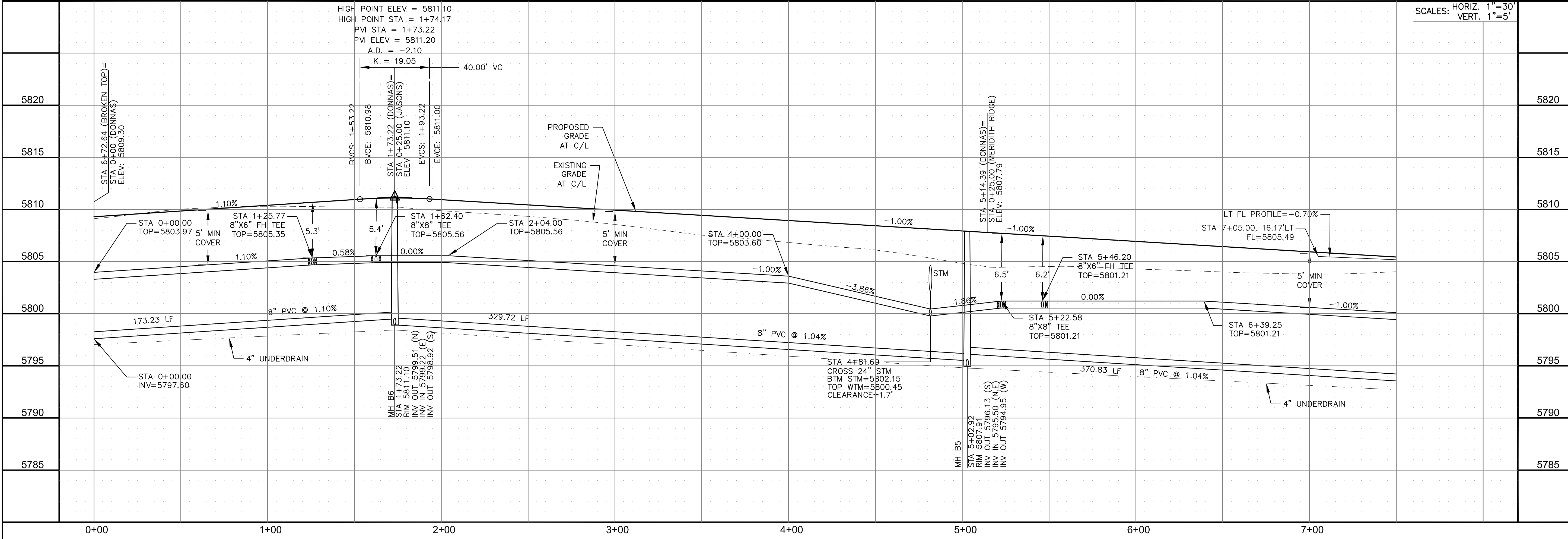
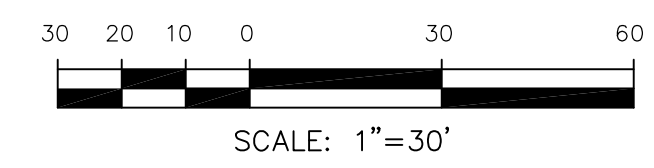


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 790 570 1100  
 COLORADO SPRINGS, CO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

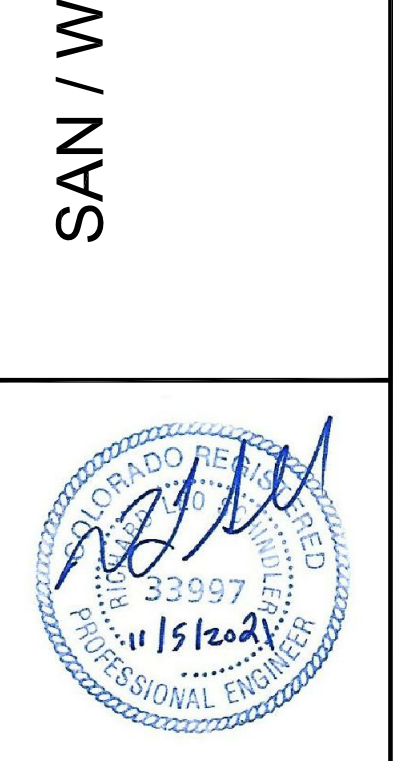
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 PROJECT: **AT THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**DONNAS DRIVE**



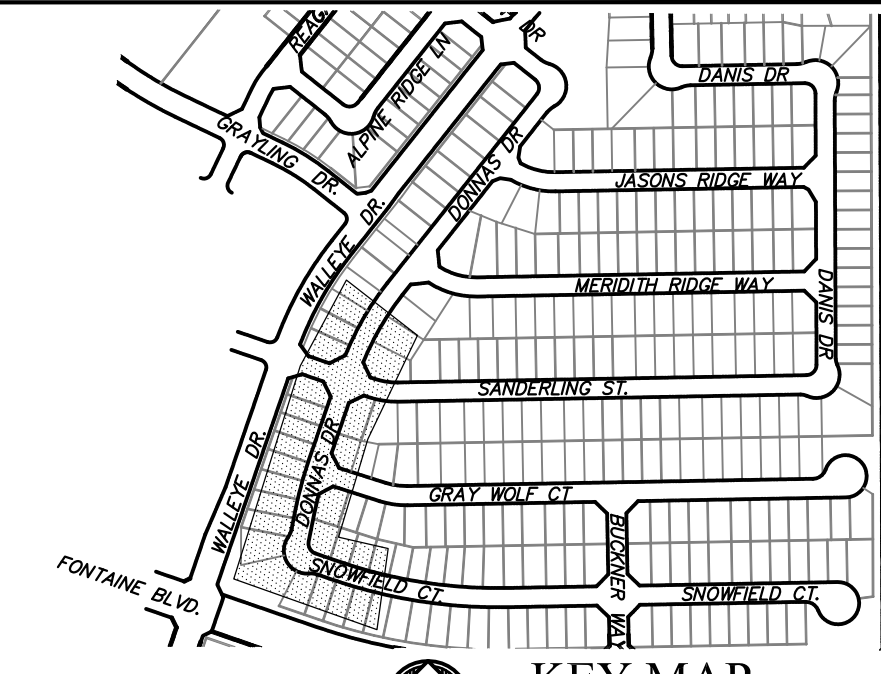
**SAN / WATERMAIN - NORTH AREA**  
**DONNAS DRIVE**  
**STA 0+00 TO 7+50**



DATE: **NOV 5, 2021**  
 PROJECT NO: **100.064**  
 SHEET NUMBER: **C8.42**  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



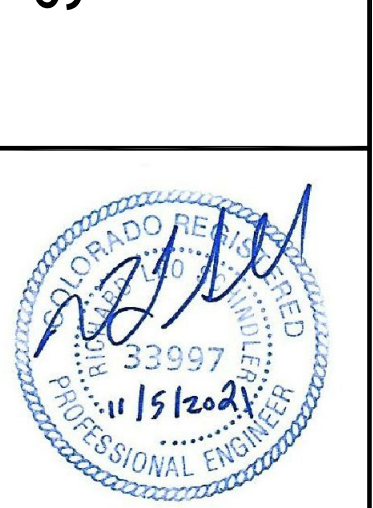
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 100, SUITE 300  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@ceg.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_

PREPARED FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

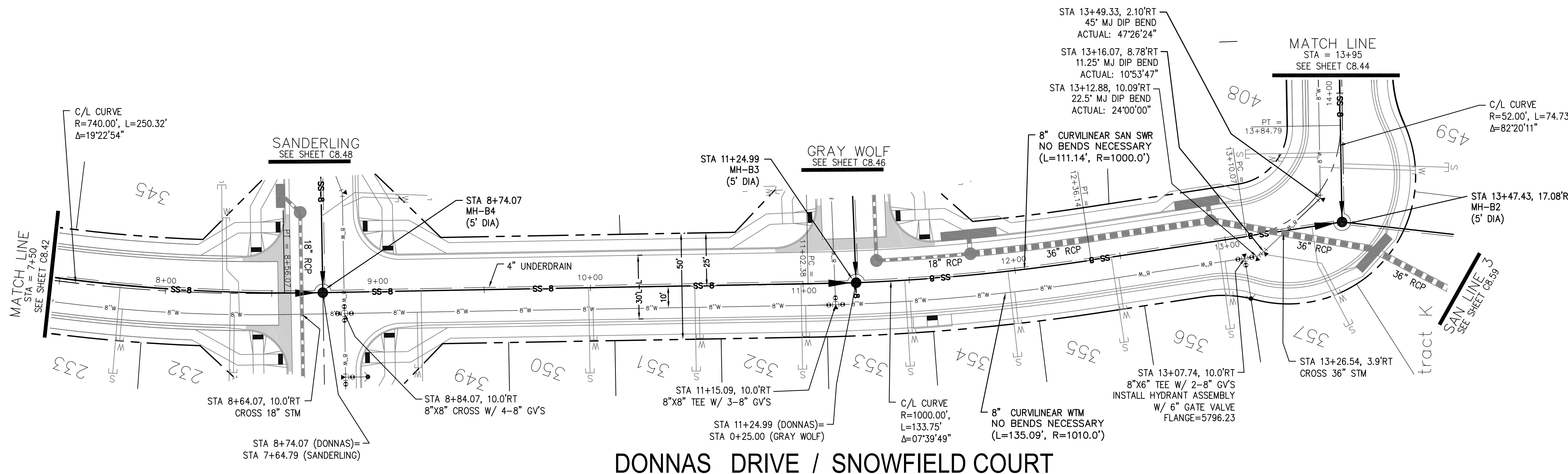
DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**DONNAS DRIVE / SNOWFIELD CT**  
**STA 7+50 TO 13+95**

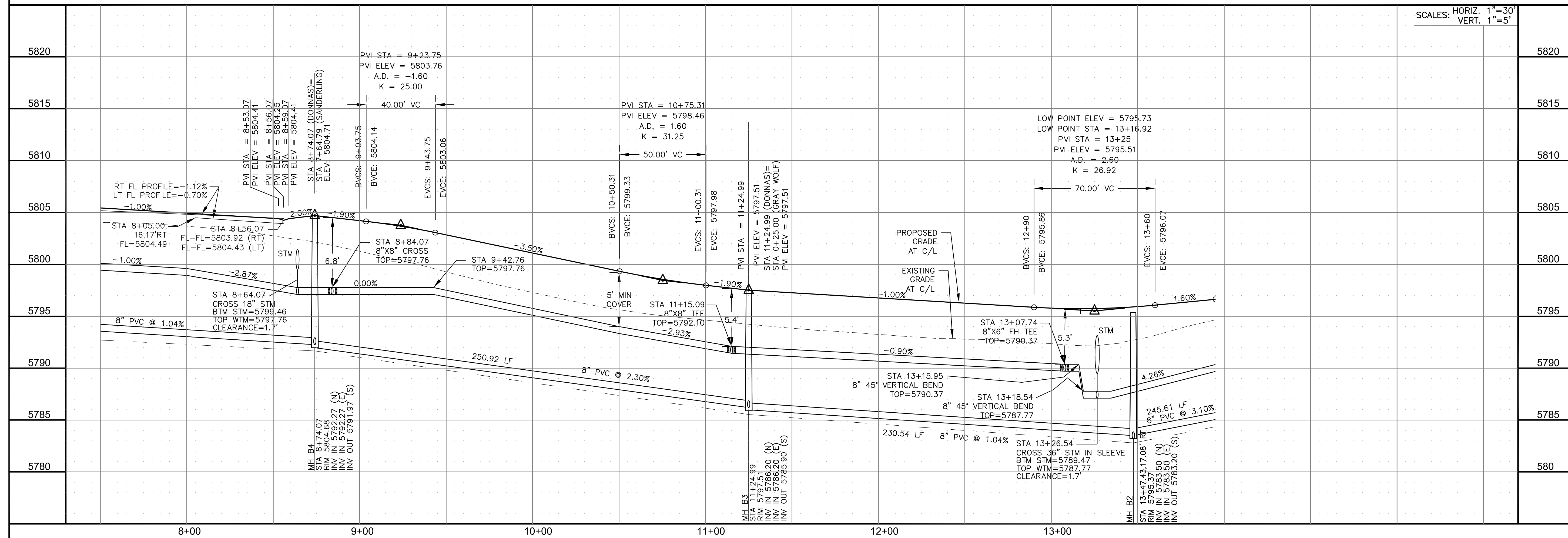
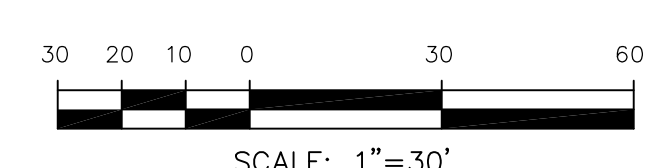


DATE:  
 NOV 5, 2021

PROJECT NO.  
 100.064  
 SHEET NUMBER  
 C8.43  
 TOTAL SHEETS: 75



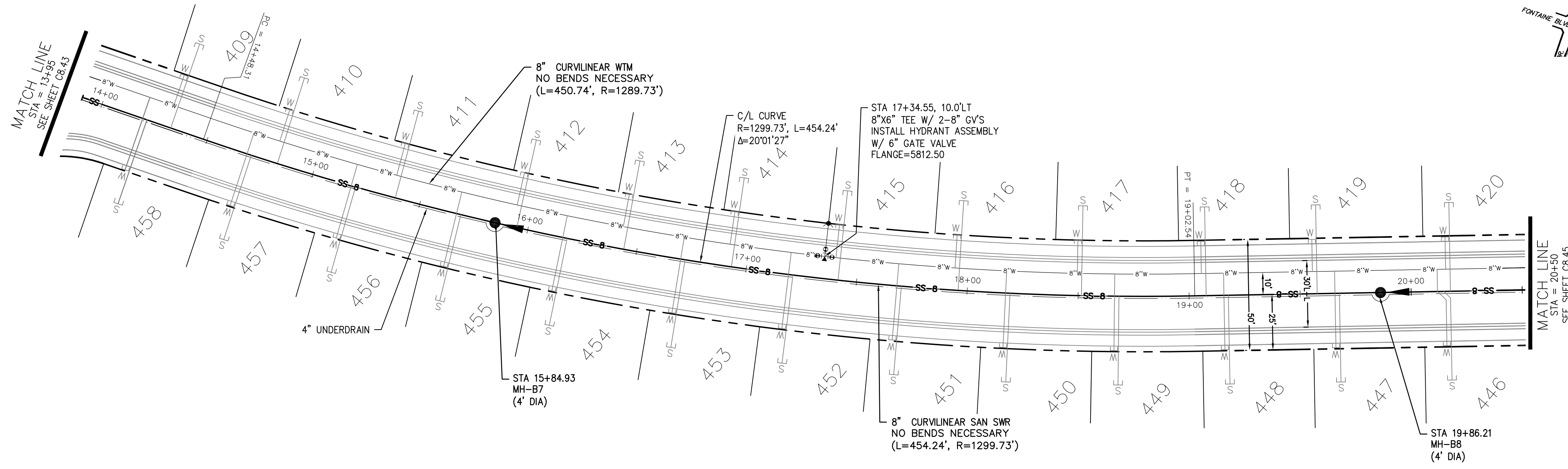
**DONNAS DRIVE / SNOWFIELD COURT**



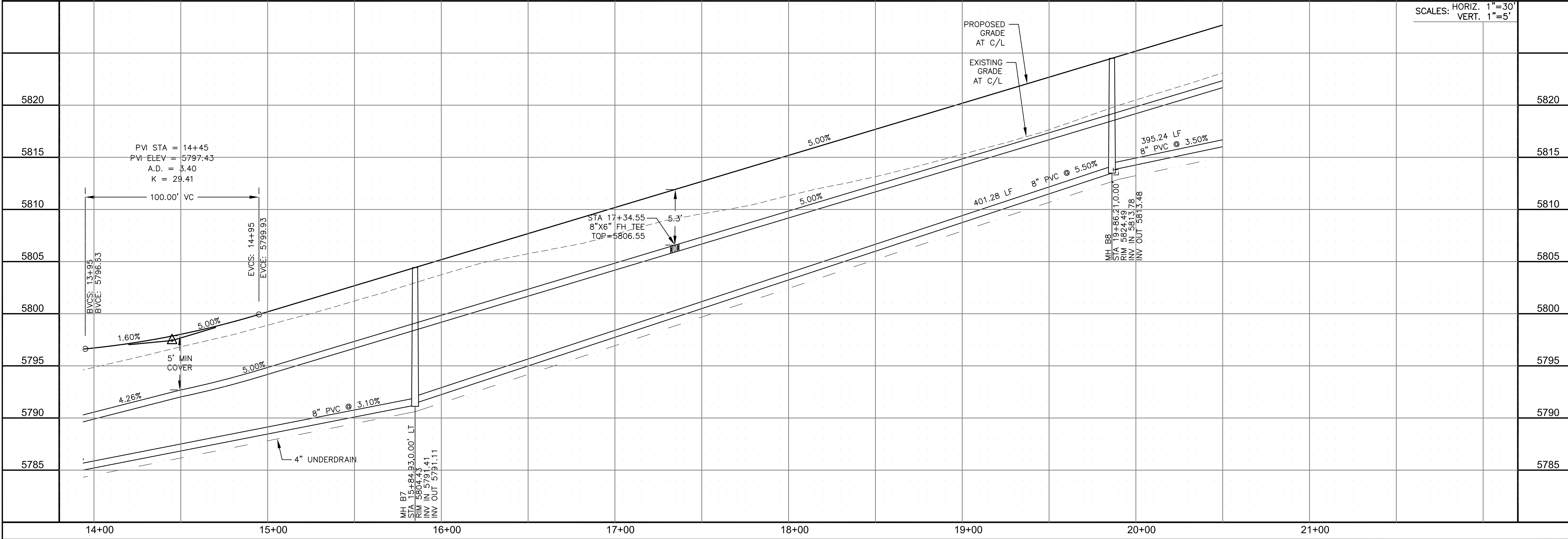
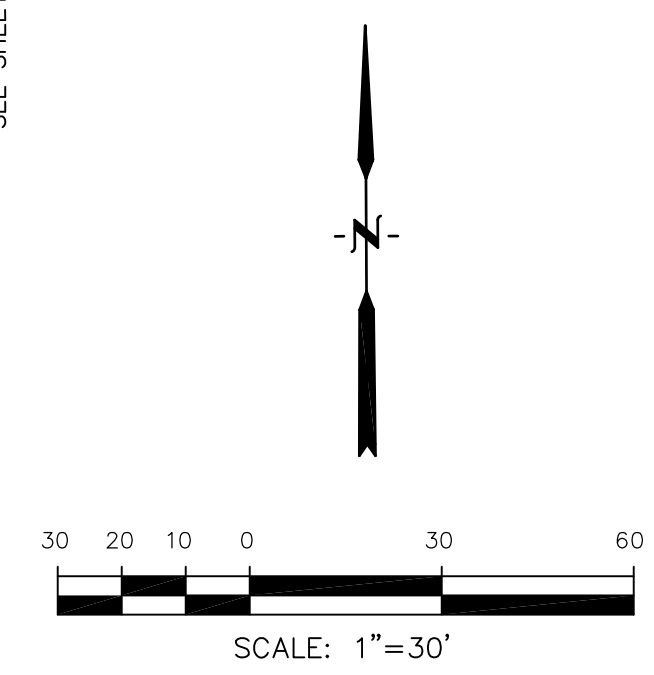
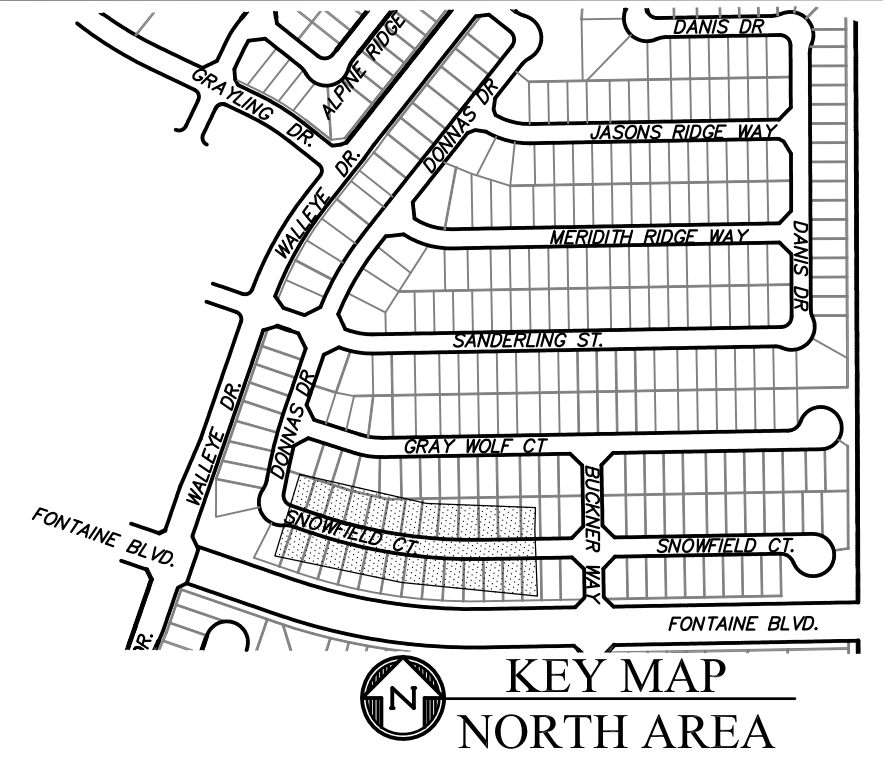
TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**SNOWFIELD COURT**

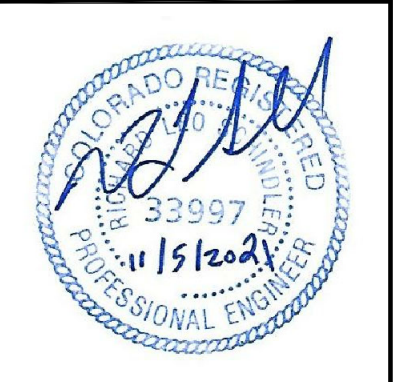


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOOD, CO 80506  
 PH: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**SNOWFIELD CT**  
**STA 13+95 TO 20+50**

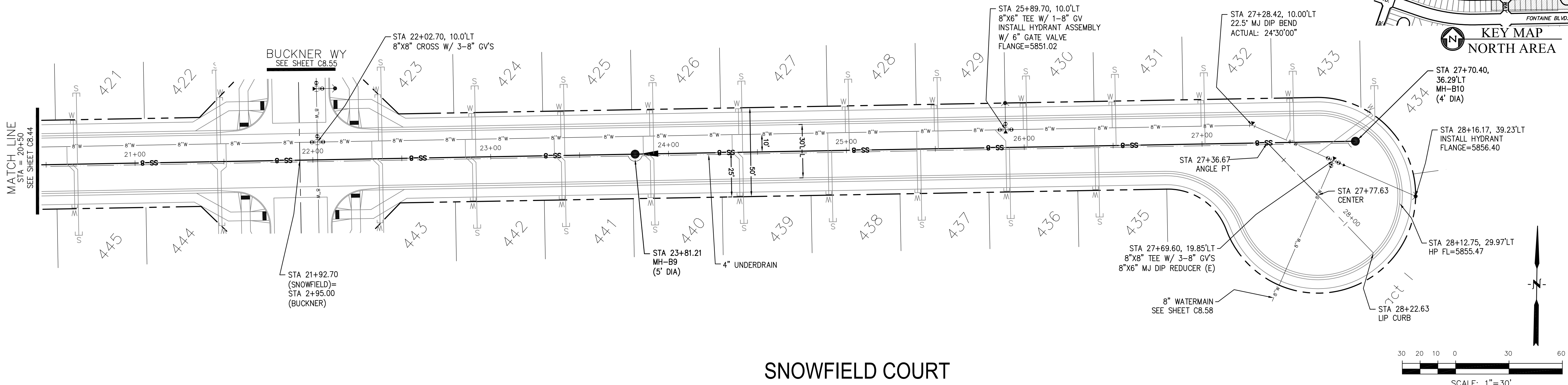


DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.44  
 TOTAL SHEETS: 75

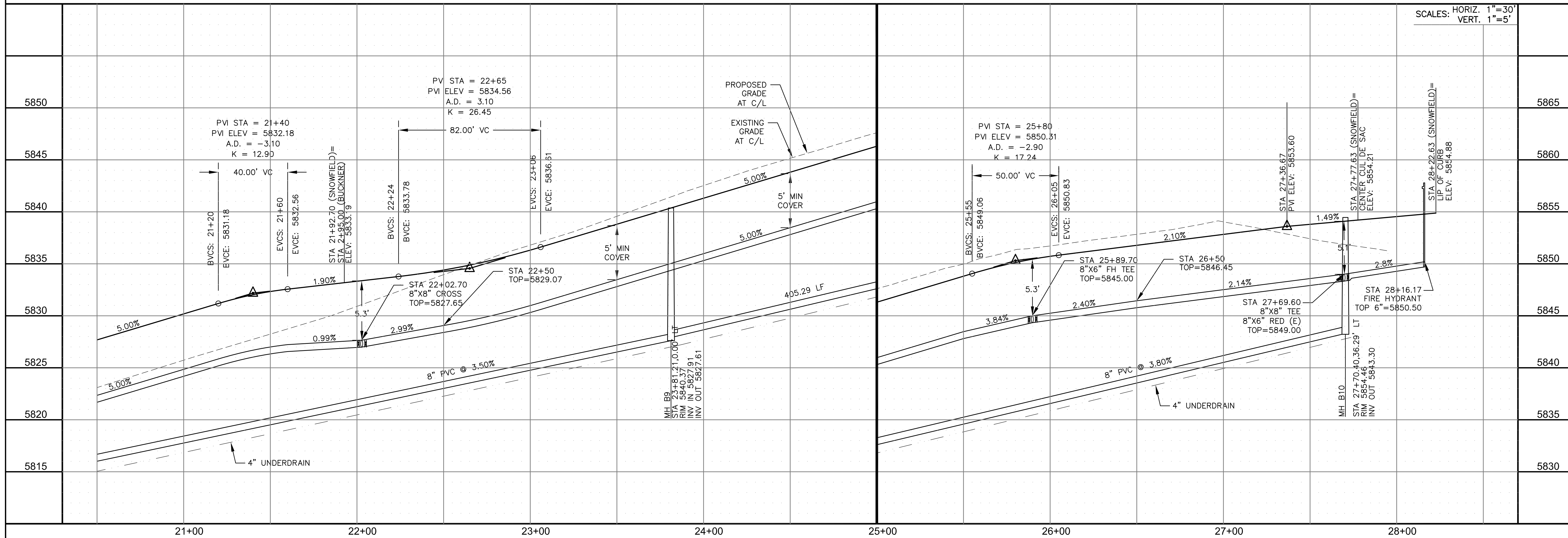


**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**SNOWFIELD COURT**



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

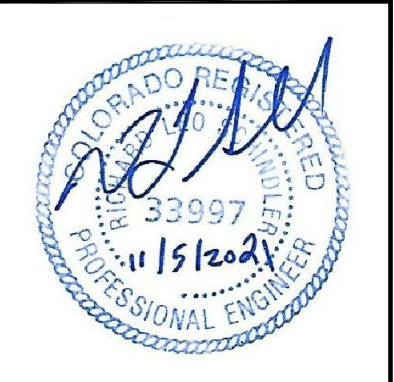
**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNING WOODS, CO 80903  
PHONE: 719.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

PREPARED FOR:  
**LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
FONTAINE BLVD - WALLEVE DR  
COLORADO SPRINGS, COLORADO  
CONTACT: JEFF MARK

**SAN / WATERMAIN - NORTH AREA**  
**SNOWFIELD CT**  
**STA 20+50 TO 28+22**



DATE:  
NOV 5, 2021

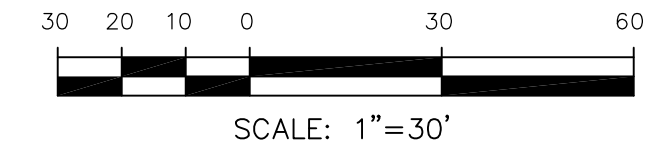
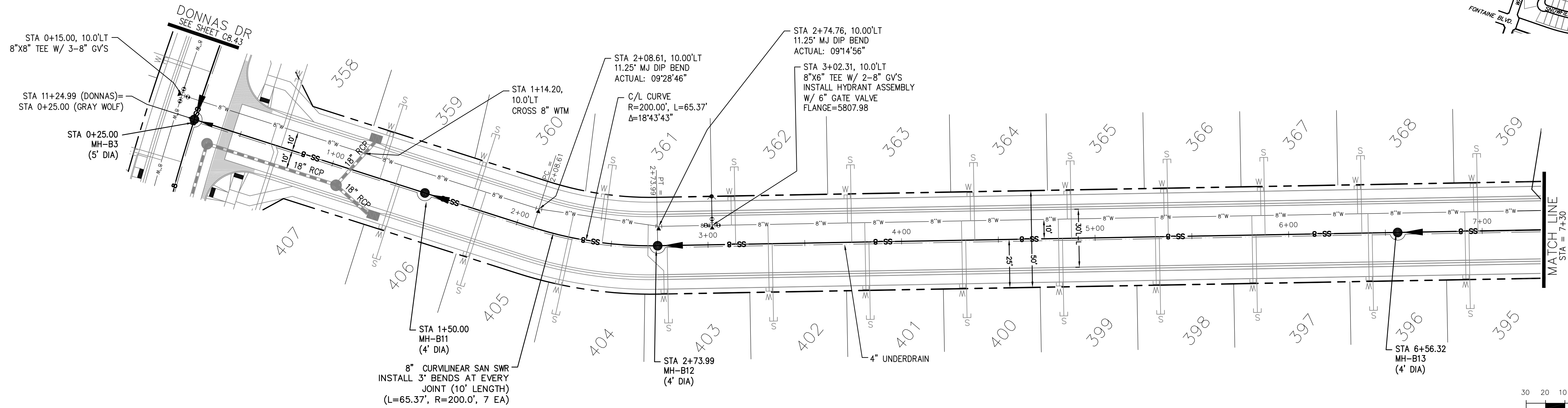
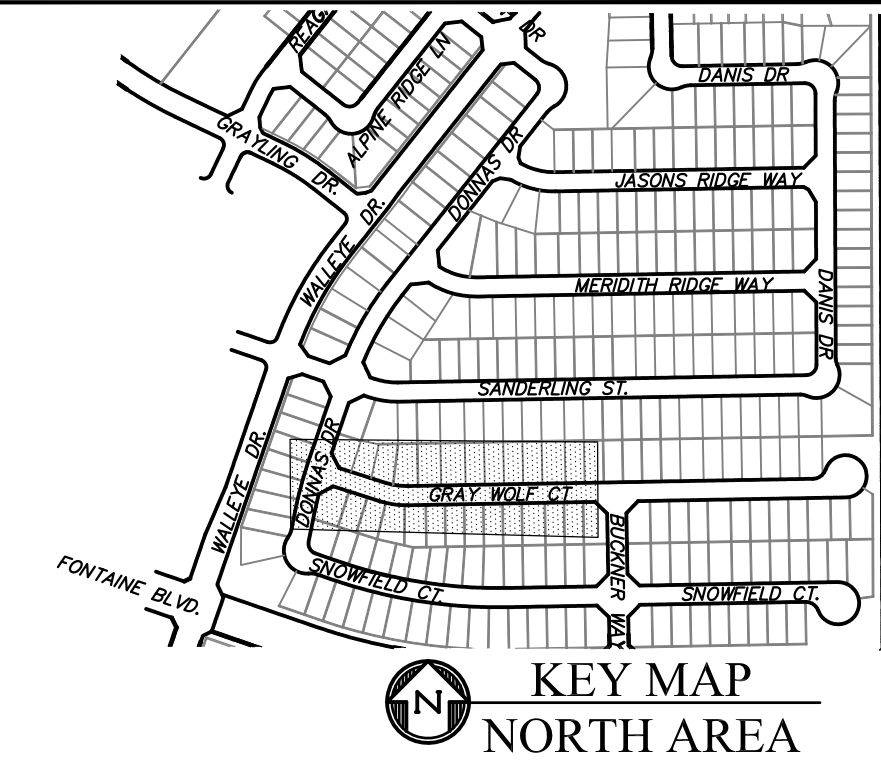
PROJECT NO.  
100.064

SHEET NUMBER  
C8.45

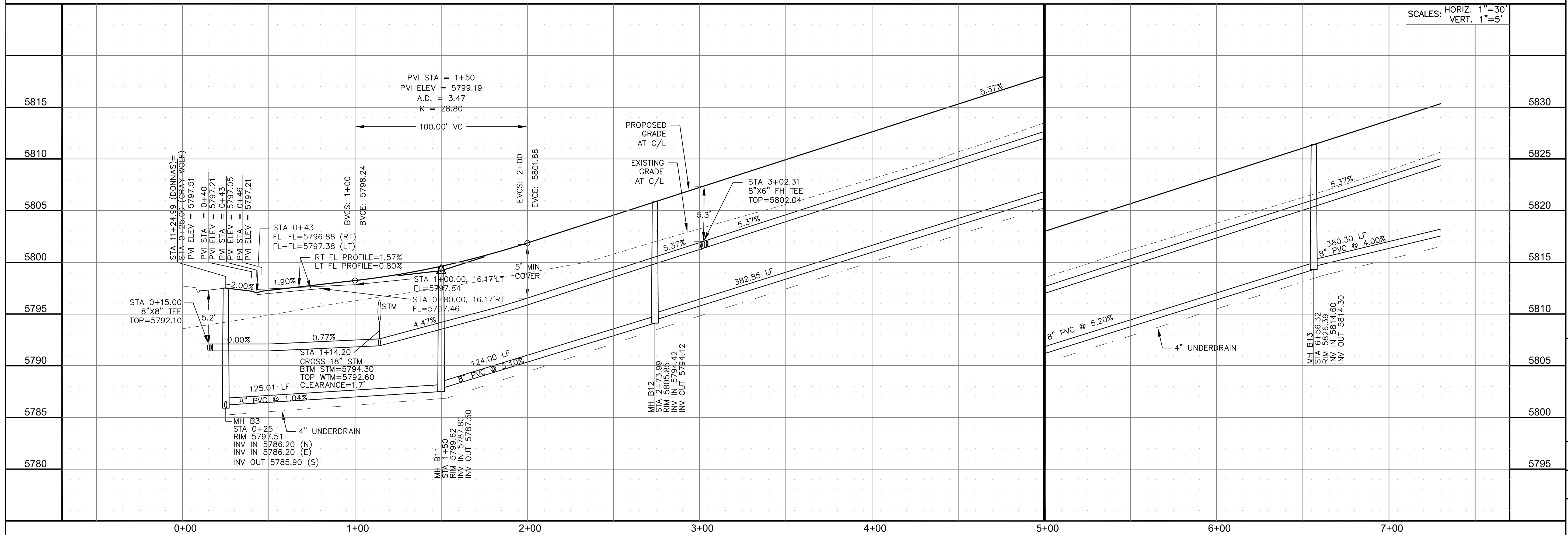
TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**GRAY WOLF COURT**



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 100, SUITE 3506  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

NO. \_\_\_\_\_

PROJECT: **THE RIDGE AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**GRAY WOLF COURT**  
**STA 0+00 TO 7+30**

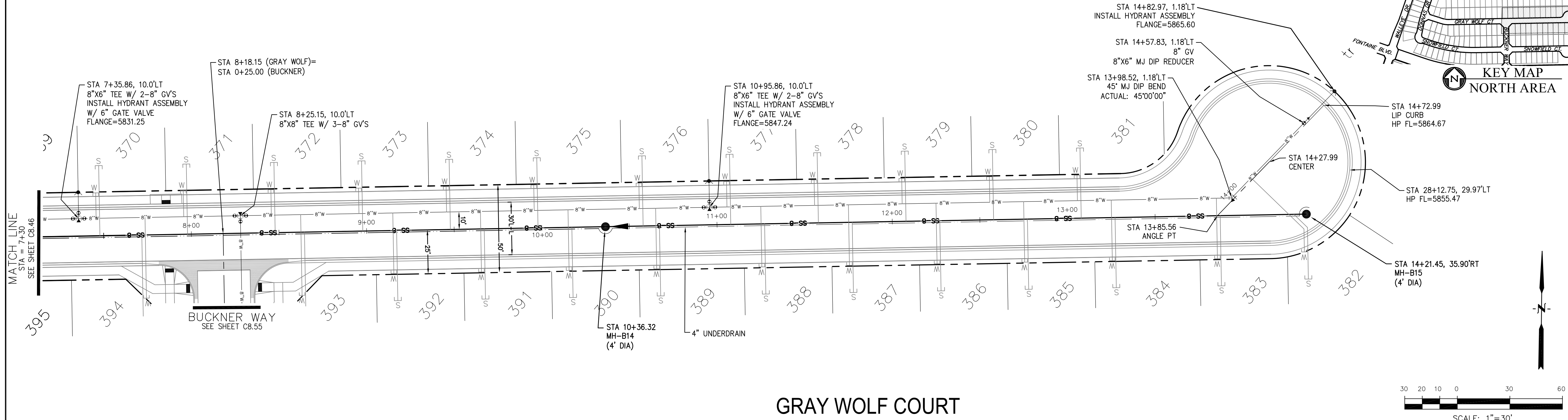


DATE:  
 NOV 5, 2021

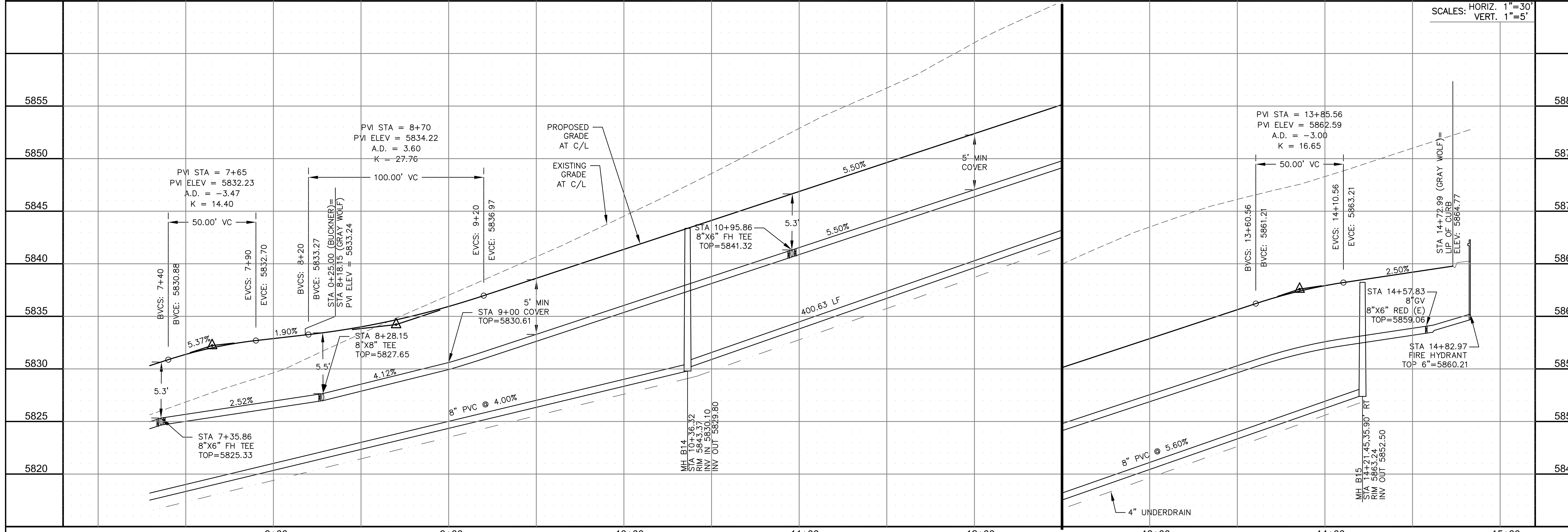
PROJECT NO.  
**100.064**  
 SHEET NUMBER  
**C8.46**  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**GRAY WOLF COURT**

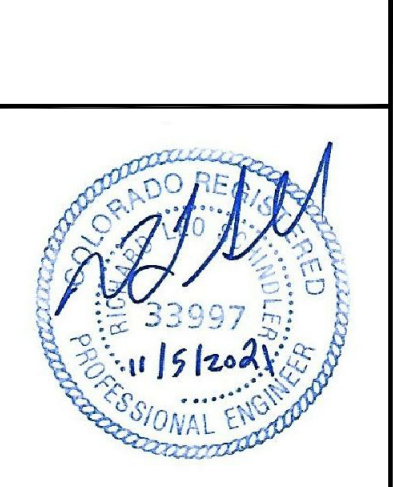


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOOD, CO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**GRAY WOLF COURT**  
**STA 7+30 TO 14+72**

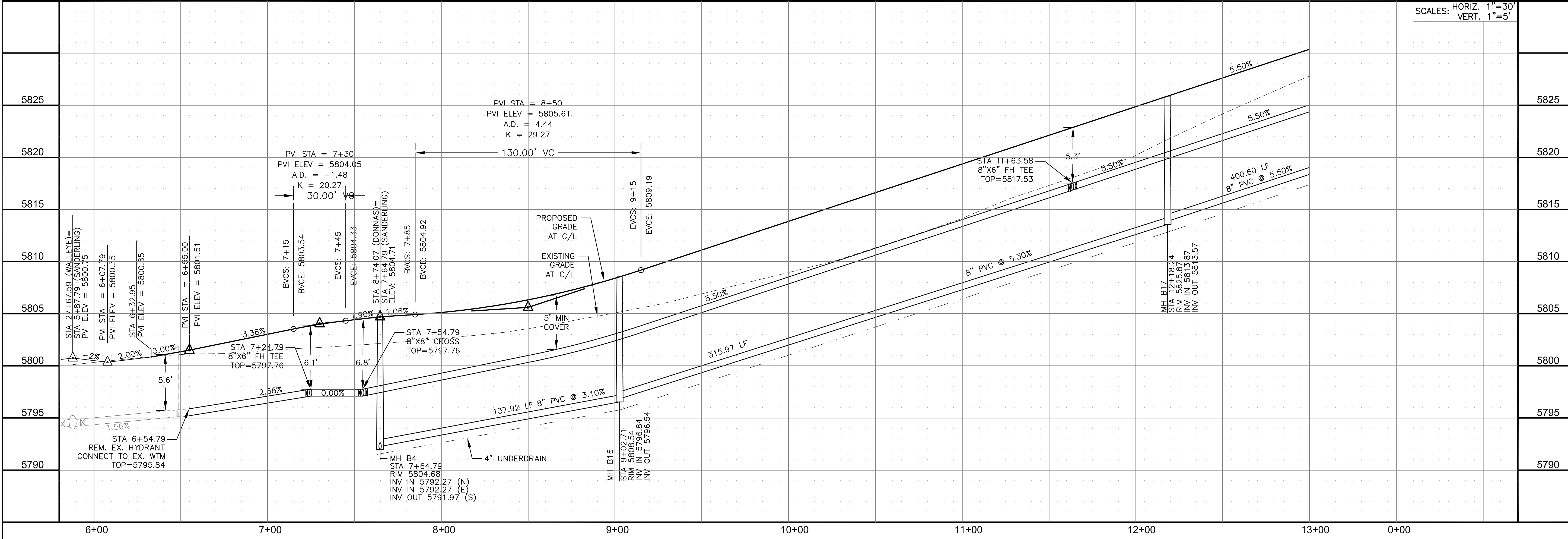
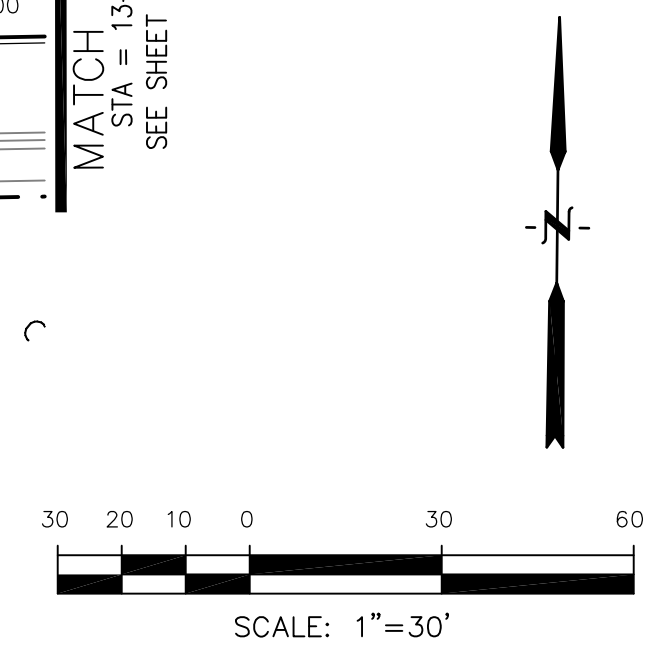
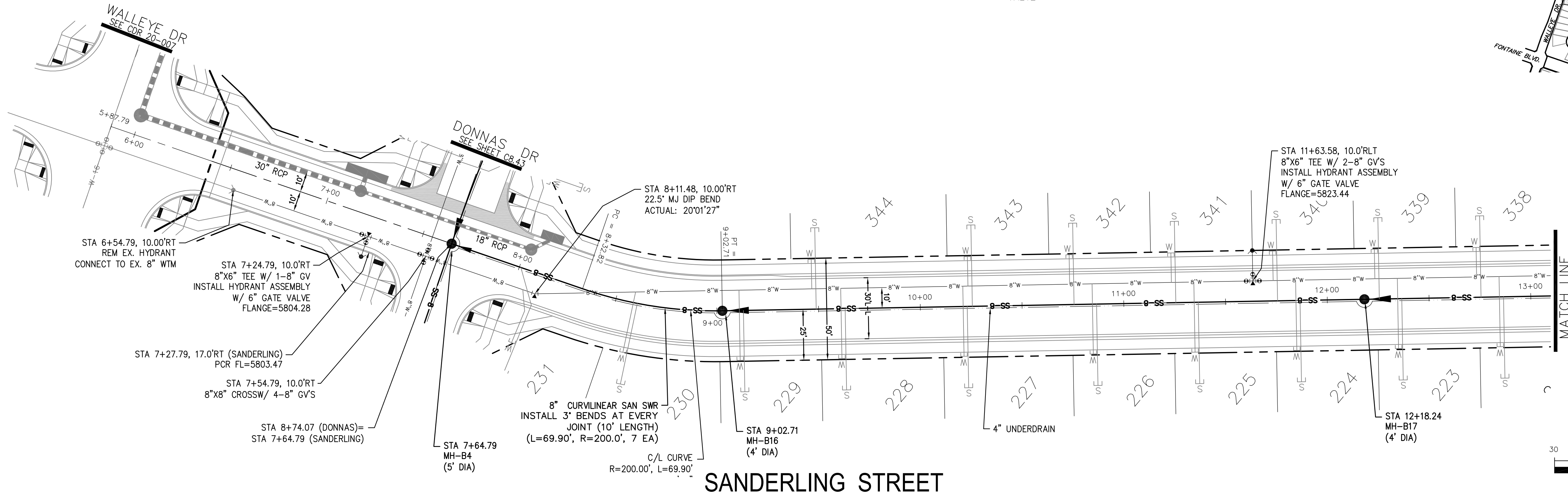
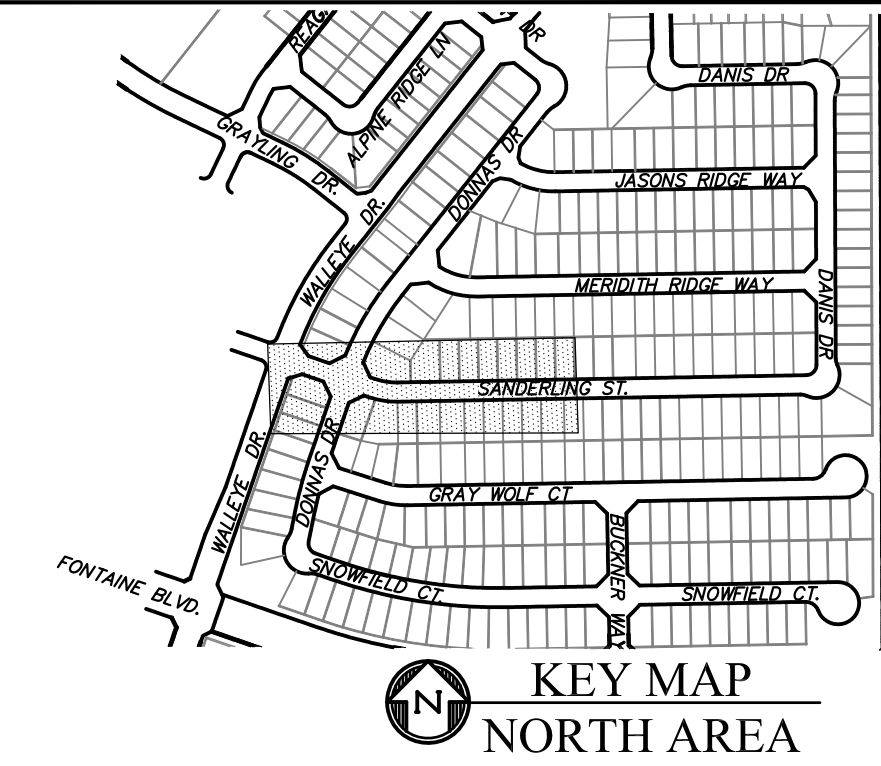


DATE: **NOV 5, 2021**

PROJECT NO. **100.064**  
 SHEET NUMBER **C8.47**  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOODS, CO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

**THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

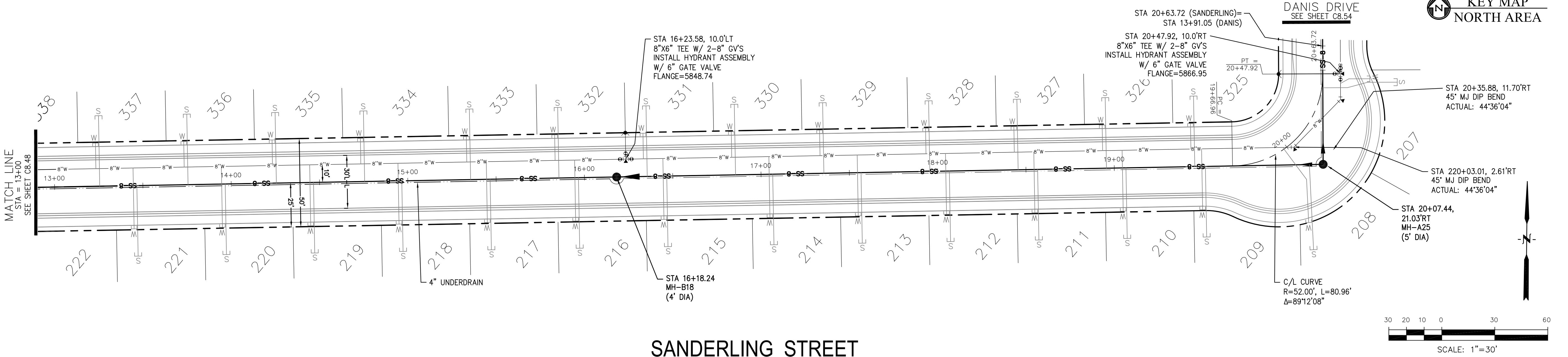
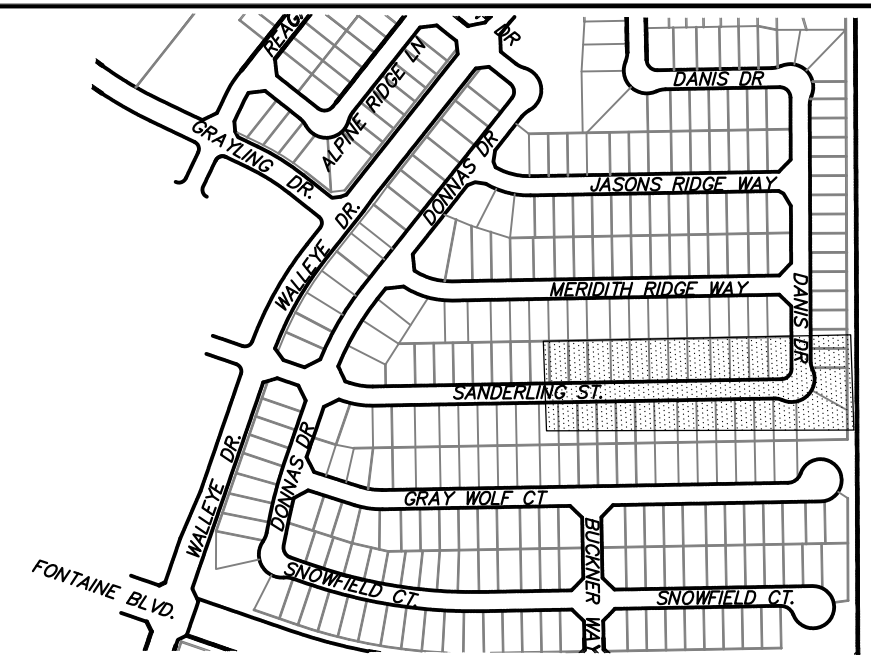
**PROJECT:** SAN / WATERMAIN - NORTH AREA  
**DESIGNED:** RLS  
**CHECKED:** RLS

**DATE:** NOV 5, 2021  
**PROJECT NO.:** 100.064  
**SHEET NUMBER:** C8.48  
**TOTAL SHEETS:** 75

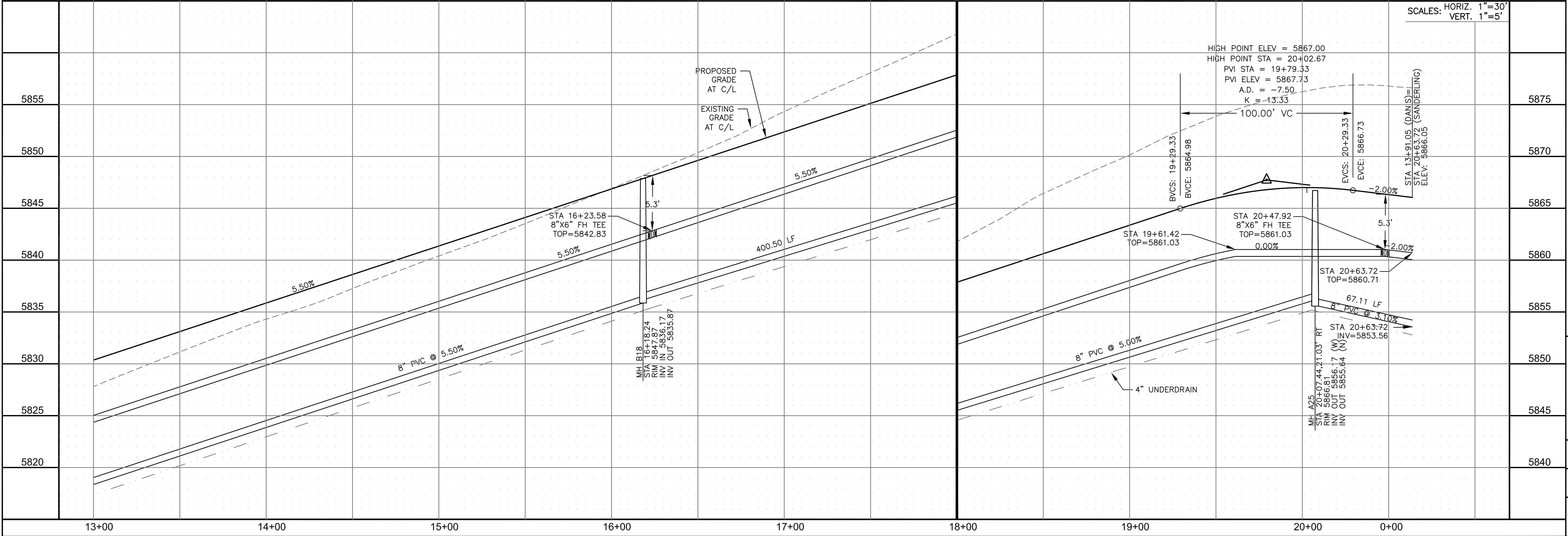
**PROFESSIONAL ENGINEER**  
 RICHARD L. SCHINDLER, P.E.  
 LICENSE NO. 33997

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**SANDERLING STREET**

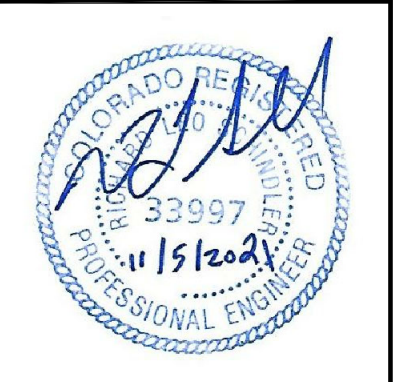


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRMGHAM, AL 35206  
 PH: 205.970.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 PROJECT: **AT THE RIDGE RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

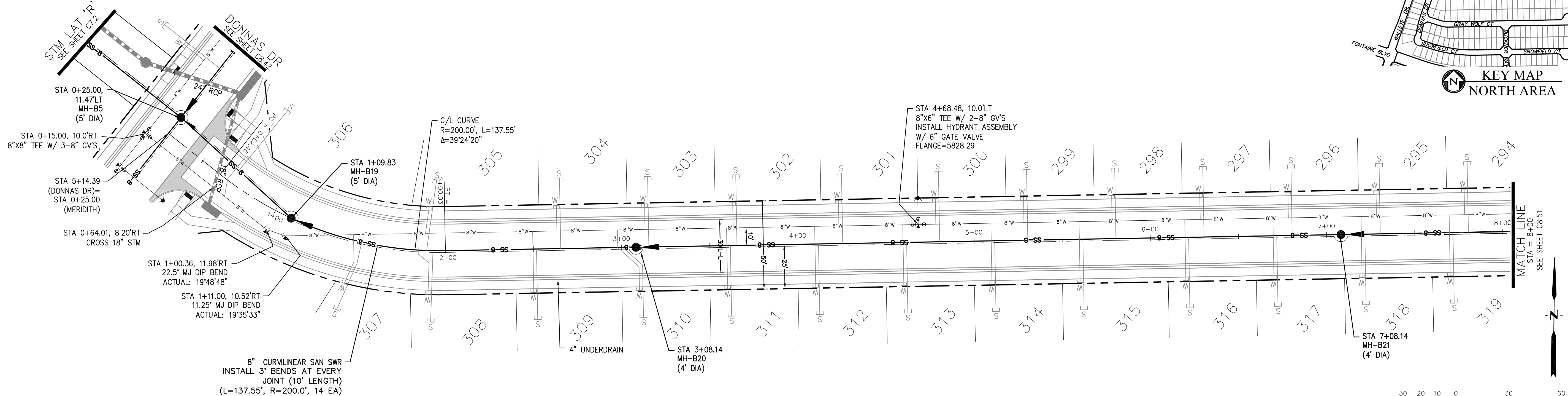
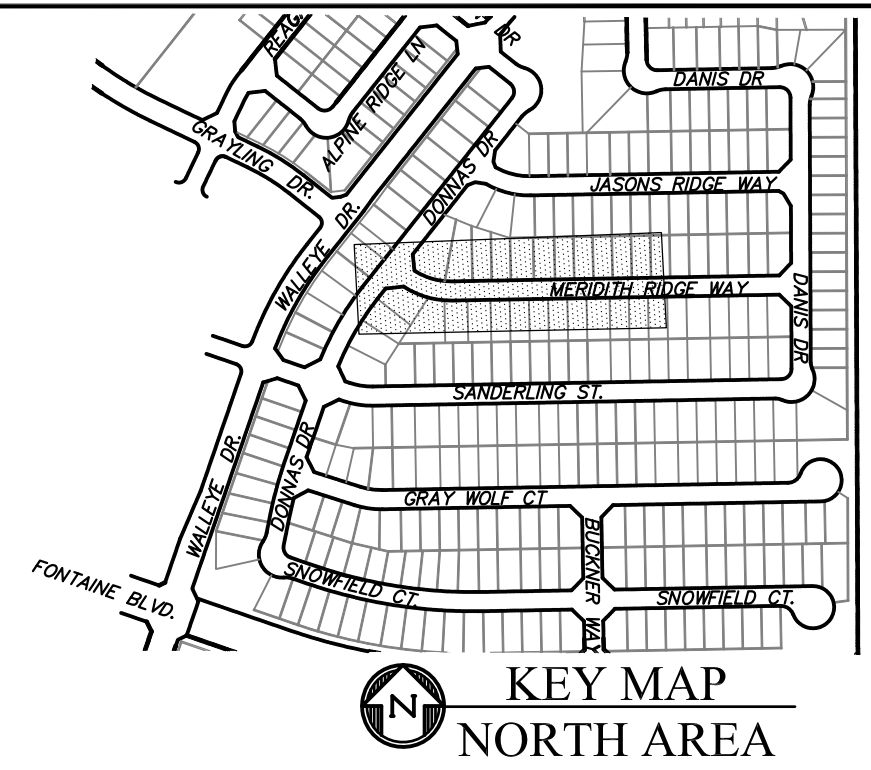
**SAN / WATERMAIN - NORTH AREA**  
**SANDERLING STREET**  
**STA 13+00 TO 20+63**



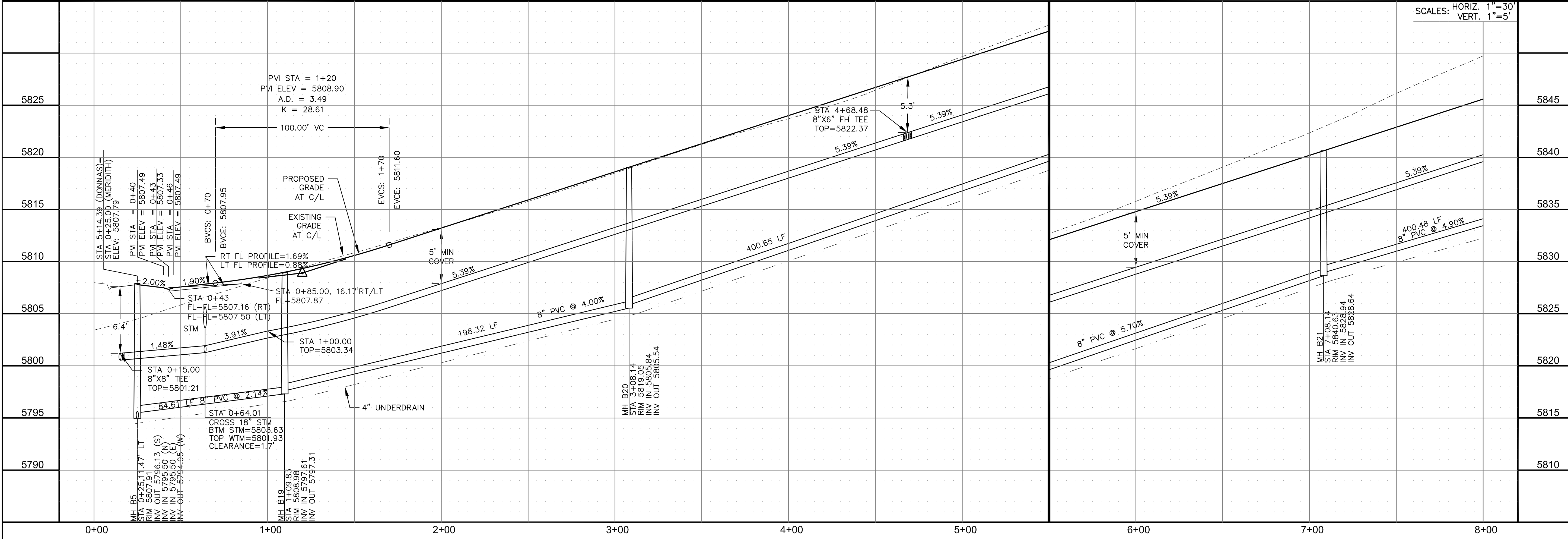
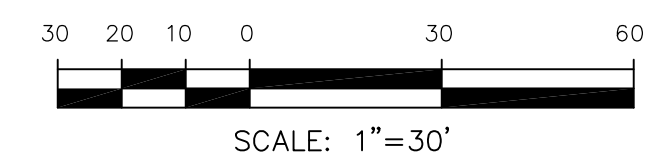
DATE: **NOV 5, 2021**  
 PROJECT NO. **100.064**  
 SHEET NUMBER **C8.49**  
 TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**MERIDITH RIDGE WAY**



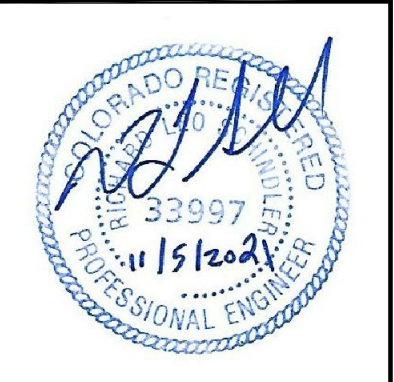
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOODS, CO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**MERIDITH RIDGE WAY**  
**STA 0+00 TO 8+00**



DATE: **NOV 5, 2021**

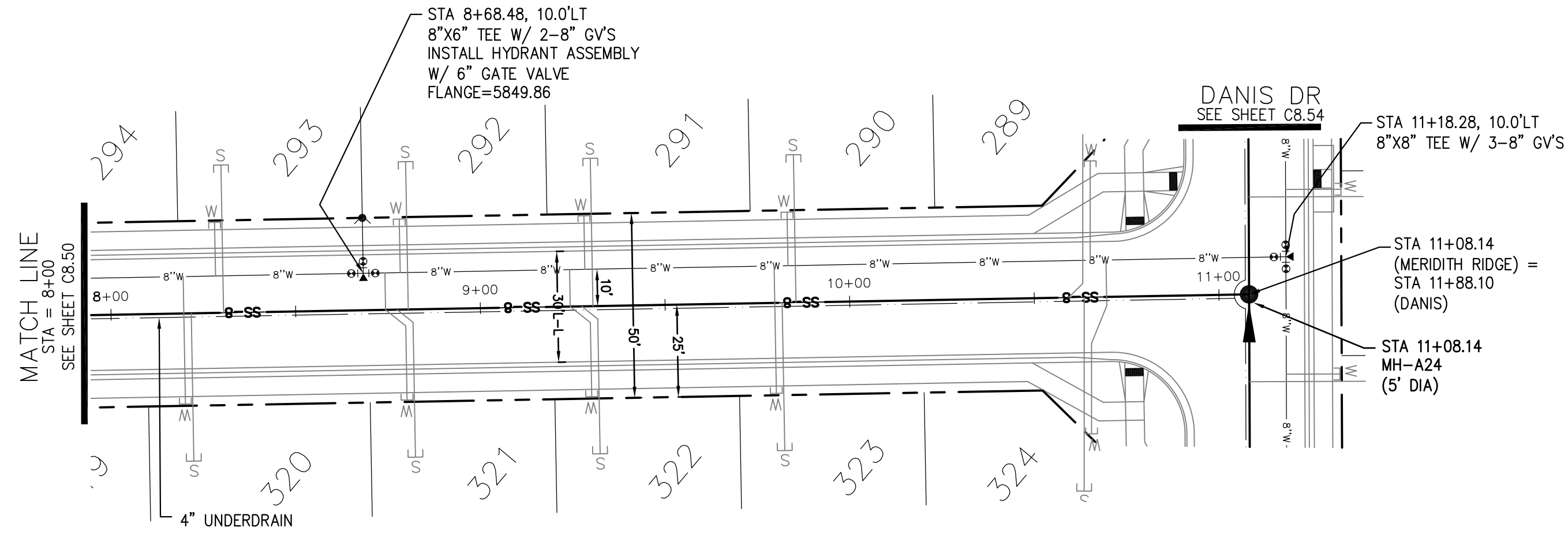
PROJECT NO. **100.064**

SHEET NUMBER **C8.50**

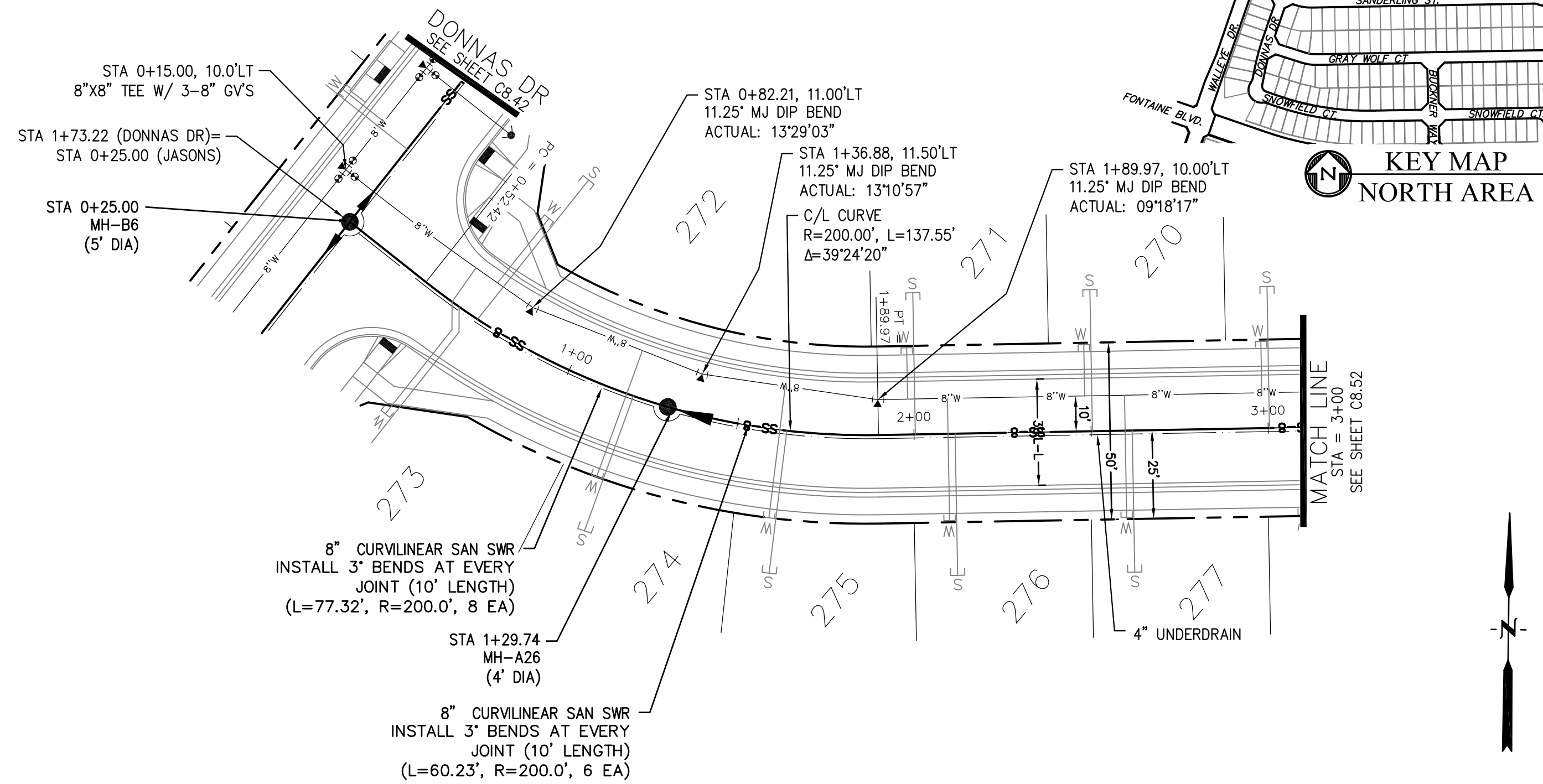
TOTAL SHEETS: 75

**NOTES**

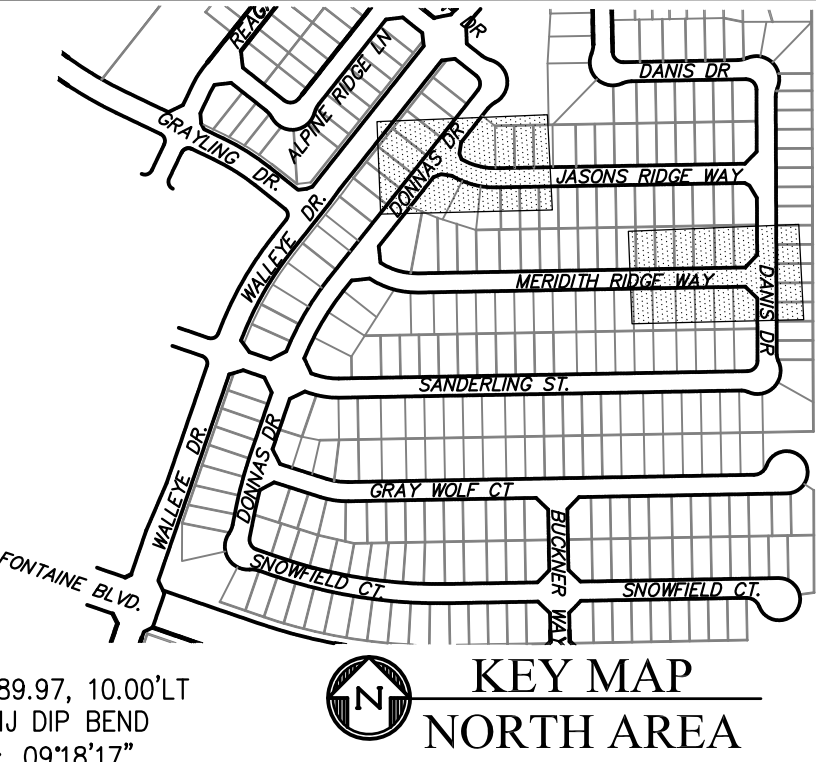
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



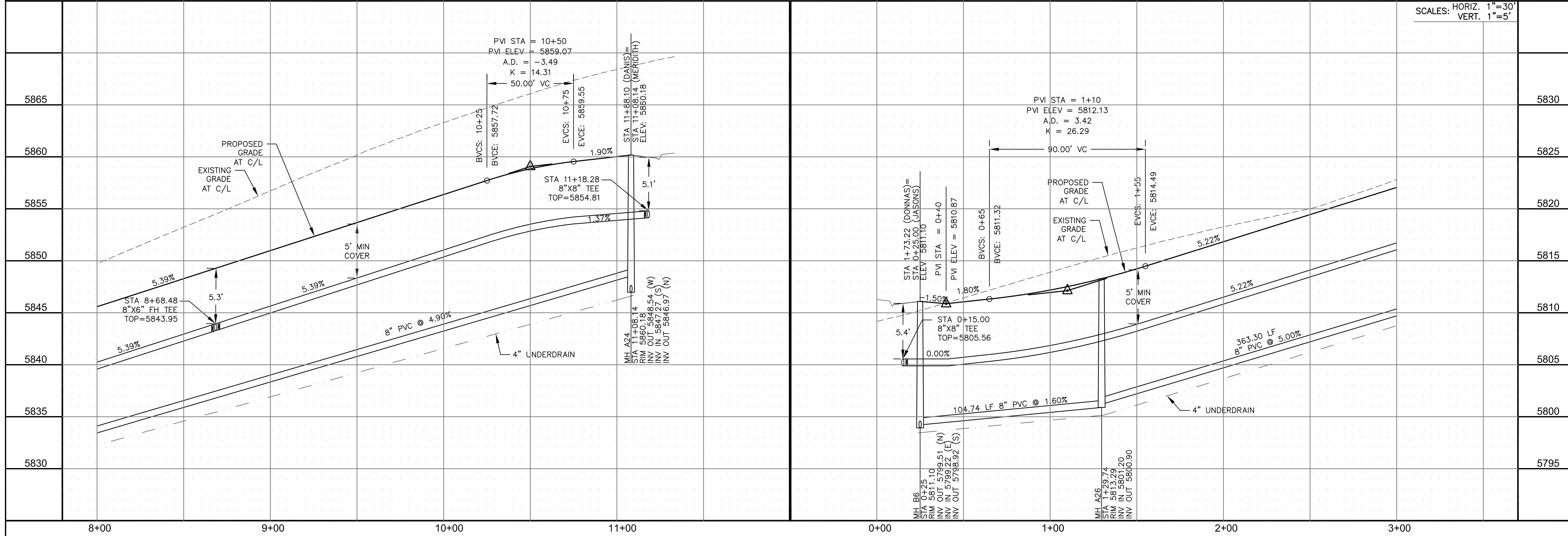
**MERIDITH RIDGE WAY**



**JASONS RIDGE WAY**



**KEY MAP NORTH AREA**



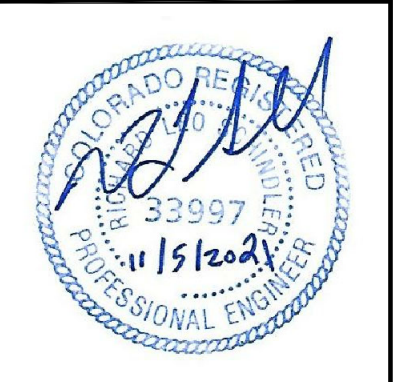
SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80232  
PHONE: 720.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT: **AT THE RIDGE LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**MERIDITH RIDGE WY / JASONS RIDGE WY**  
**STA 8+00 TO 11+08**



DATE: NOV 5, 2021

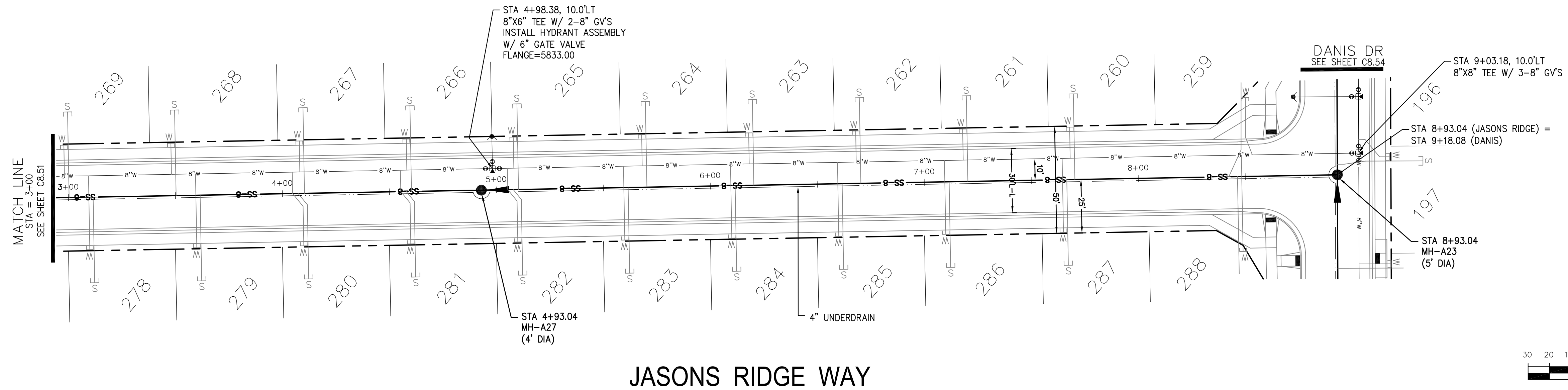
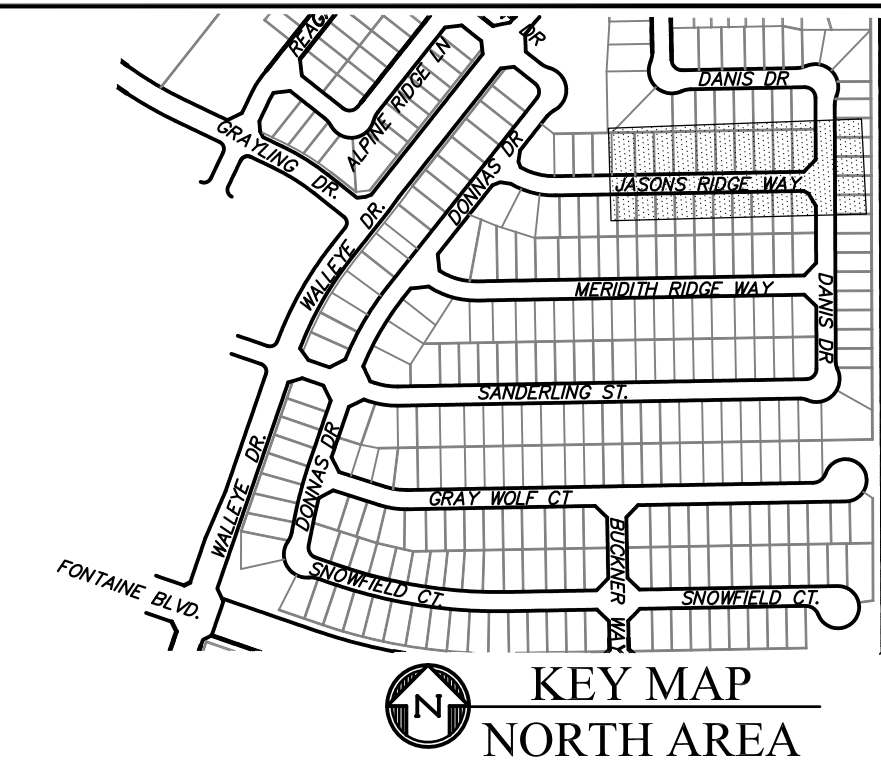
PROJECT NO. 100.064

SHEET NUMBER C8.51

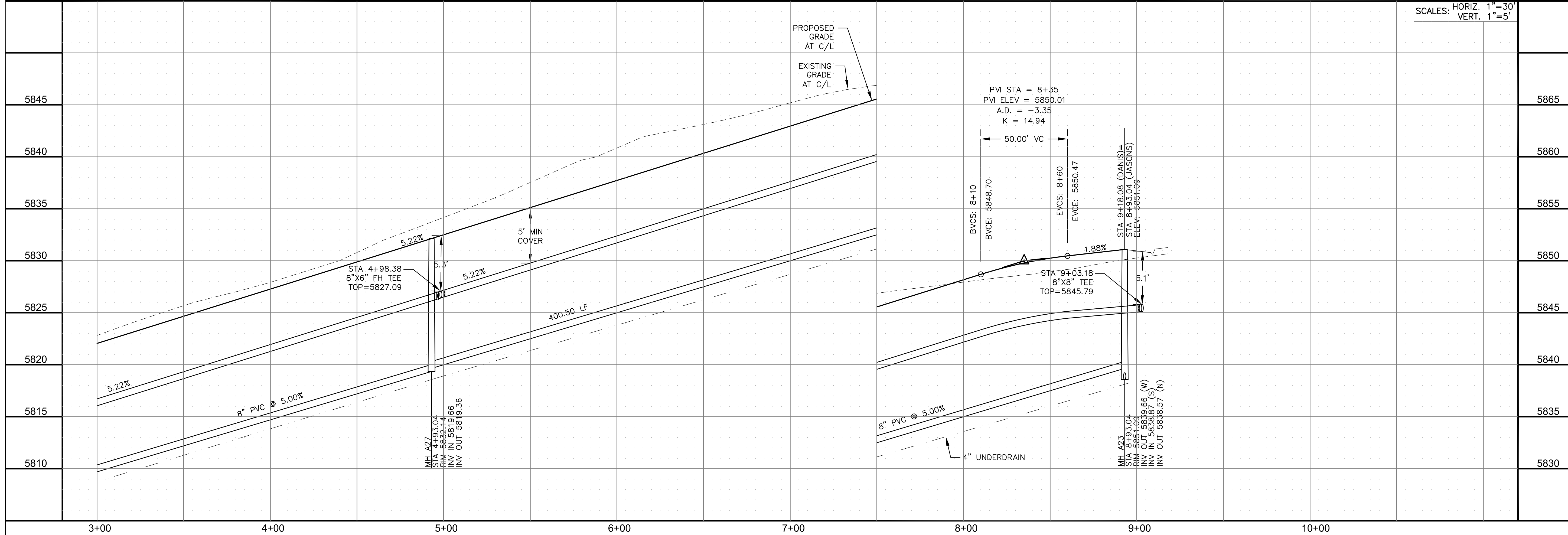
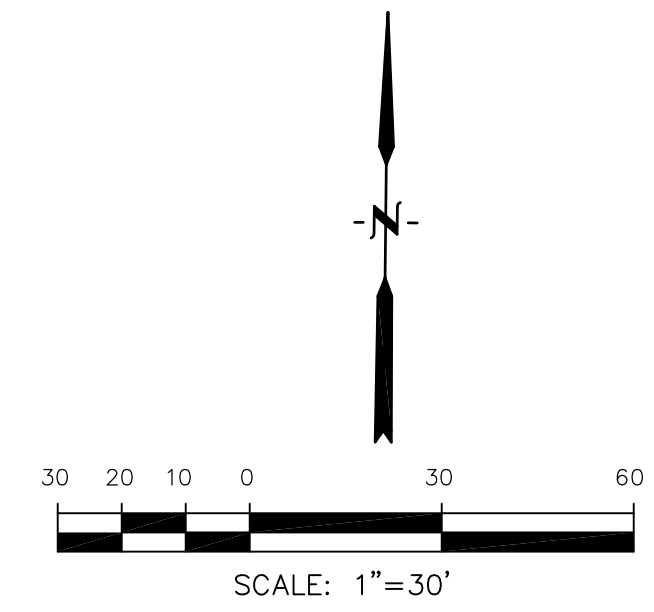
TOTAL SHEETS: 75

**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



**JASONS RIDGE WAY**



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNING WOODS, CO 80906  
PH: 719.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT: **THE RIDGE AT LORSON RANCH**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

PREPARED FOR: **LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**JASONS RIDGE WAY**  
**STA 3+00 TO 8+93**



DATE: NOV 5, 2021

PROJECT NO. 100.064

SHEET NUMBER C8.52

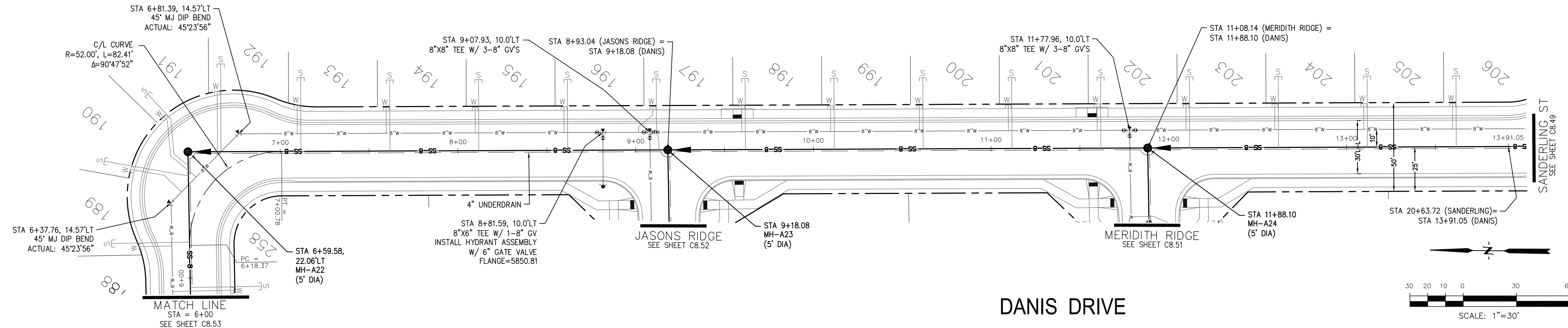
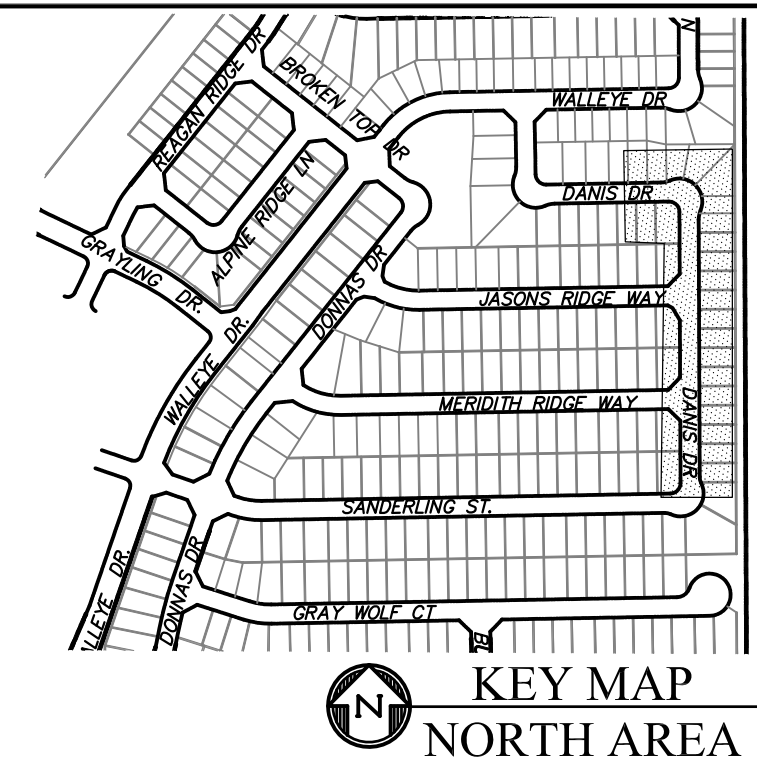
TOTAL SHEETS: 75



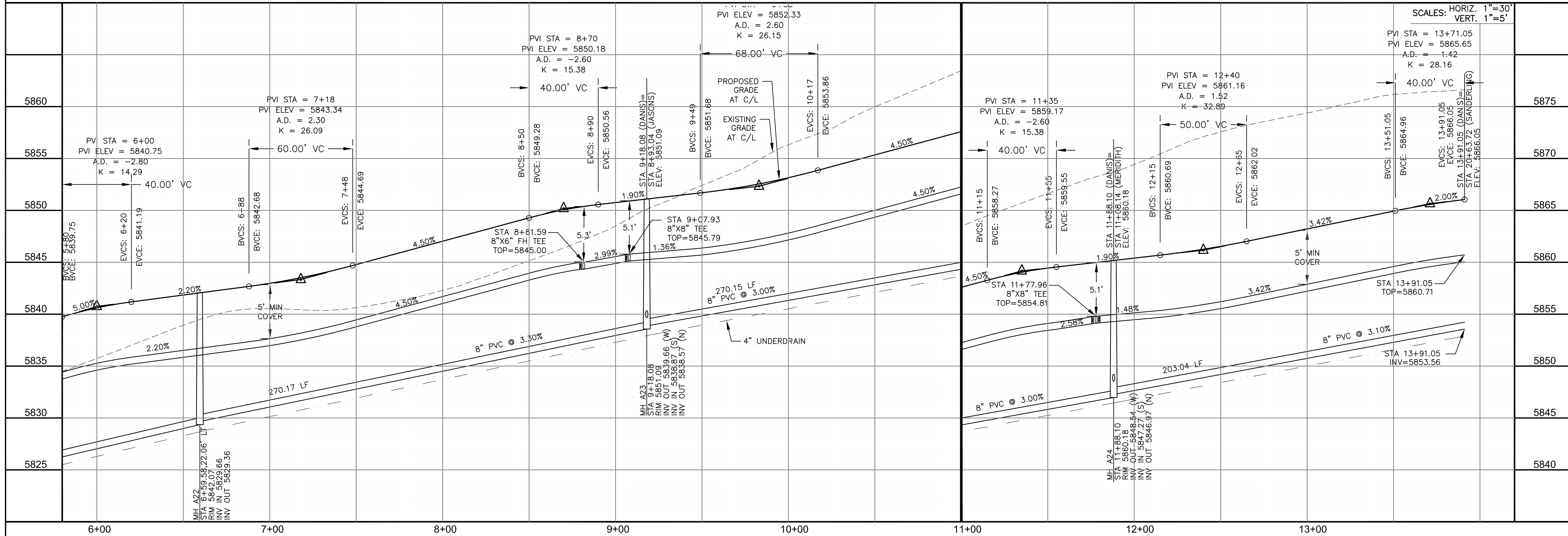
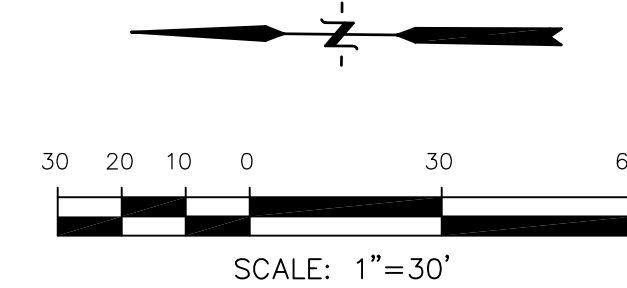


**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**DANIS DRIVE**



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOOD, CO 80903  
 PHONE: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

NO. \_\_\_\_\_

PROJECT: **THE RIDGE AT LORSON RANCH**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**DANIS DRIVE**  
**STA 6+00 TO 13+91**

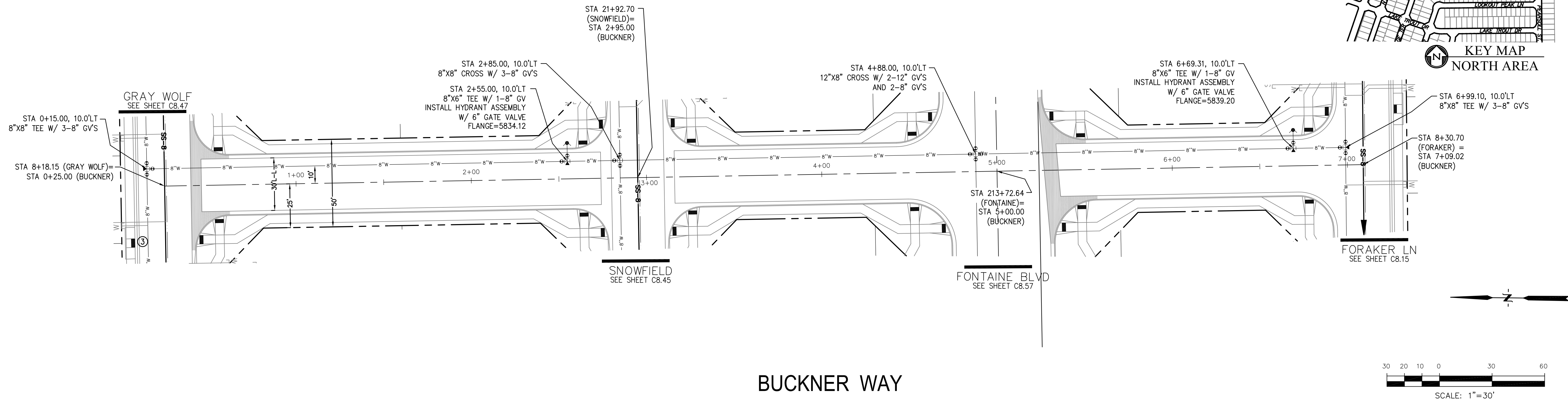
SCALE: HORIZ. 1"=30'  
 VERT. 1"=5'

DATE: NOV 5, 2021

PROJECT NO. 100.064  
 SHEET NUMBER C8.54  
 TOTAL SHEETS: 75

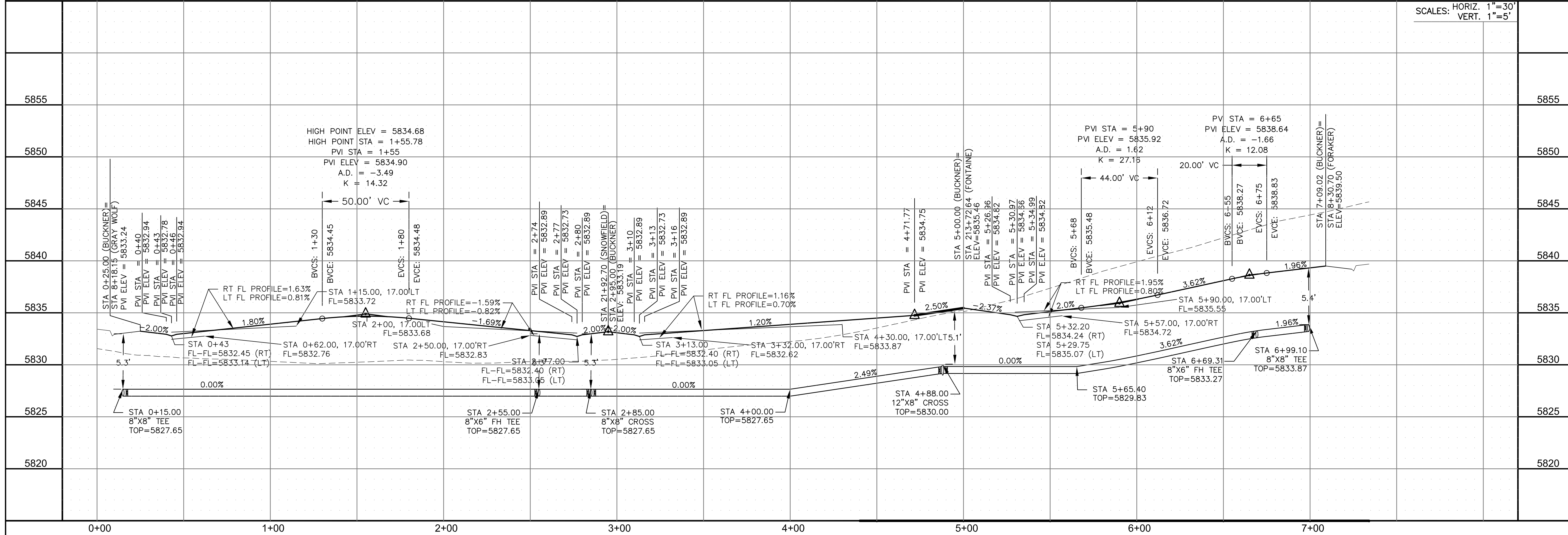
**NOTES**

1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



**BUCKNER WAY**

SCALES: HORIZ. 1"=30'  
VERT. 1"=5'



**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNING WOODS, CO 80903  
PH: 719.576.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

NO. \_\_\_\_\_

PROJECT: **THE RIDGE AT LORSON RANCH**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

PREPARED FOR: **LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**BUCKNER WAY**  
**STA 0+00 TO 7+09**

DATE: NOV 5, 2021

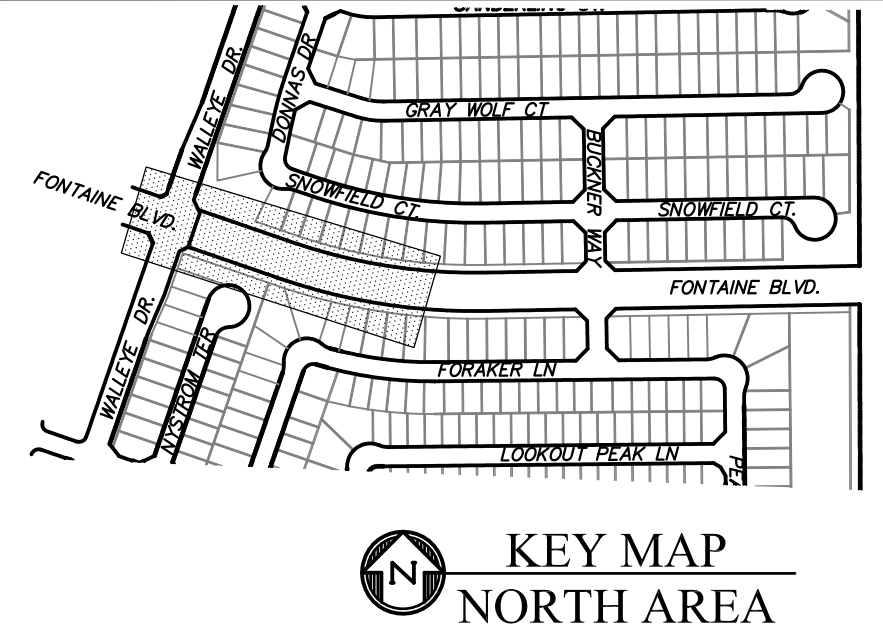
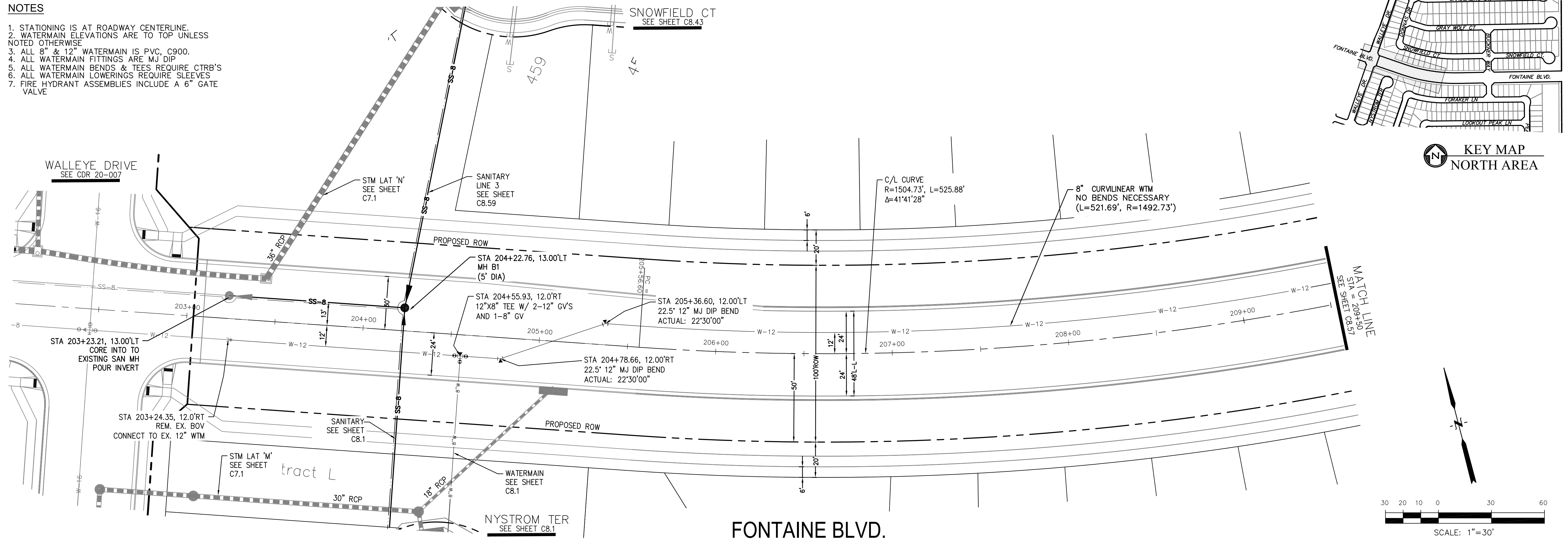
PROJECT NO. 100.064

SHEET NUMBER C8.55

TOTAL SHEETS: 75

**NOTES**

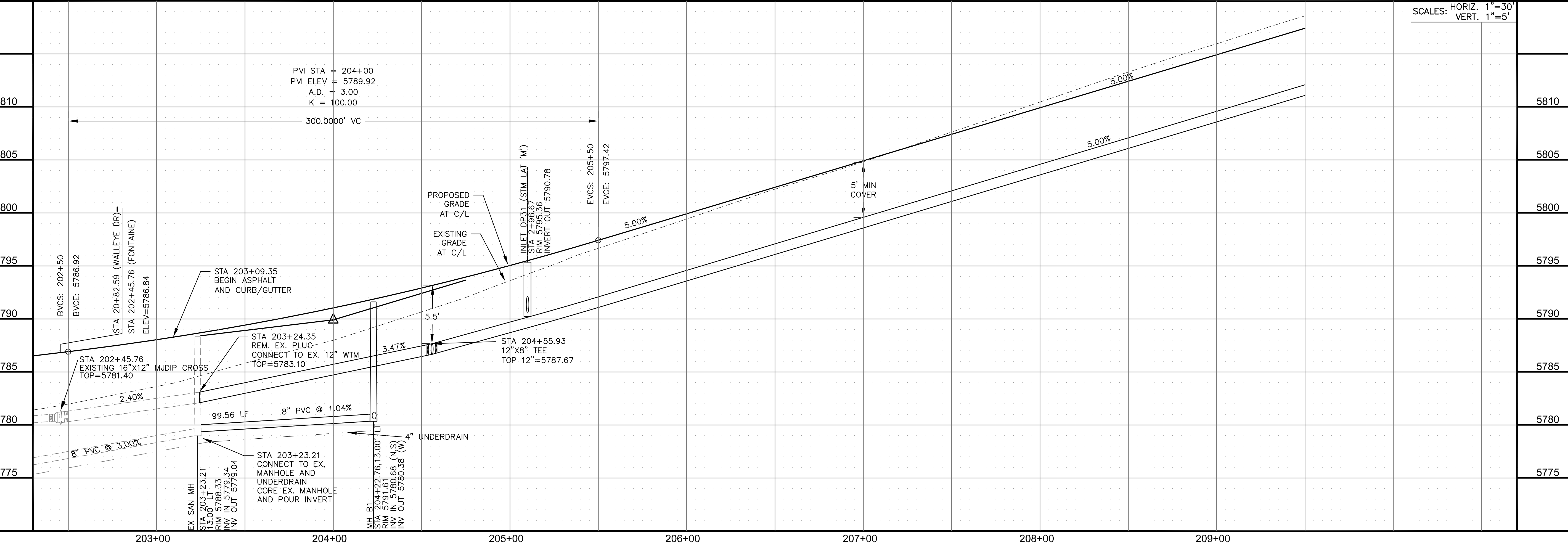
1. STATIONING IS AT ROADWAY CENTERLINE.
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BIRCH CREEK, CO 80150  
 PHONE: 303.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@ceg1.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS



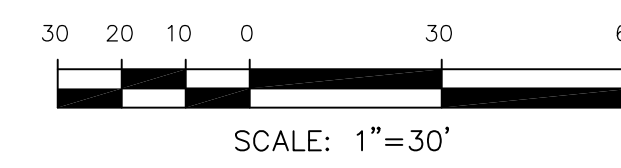
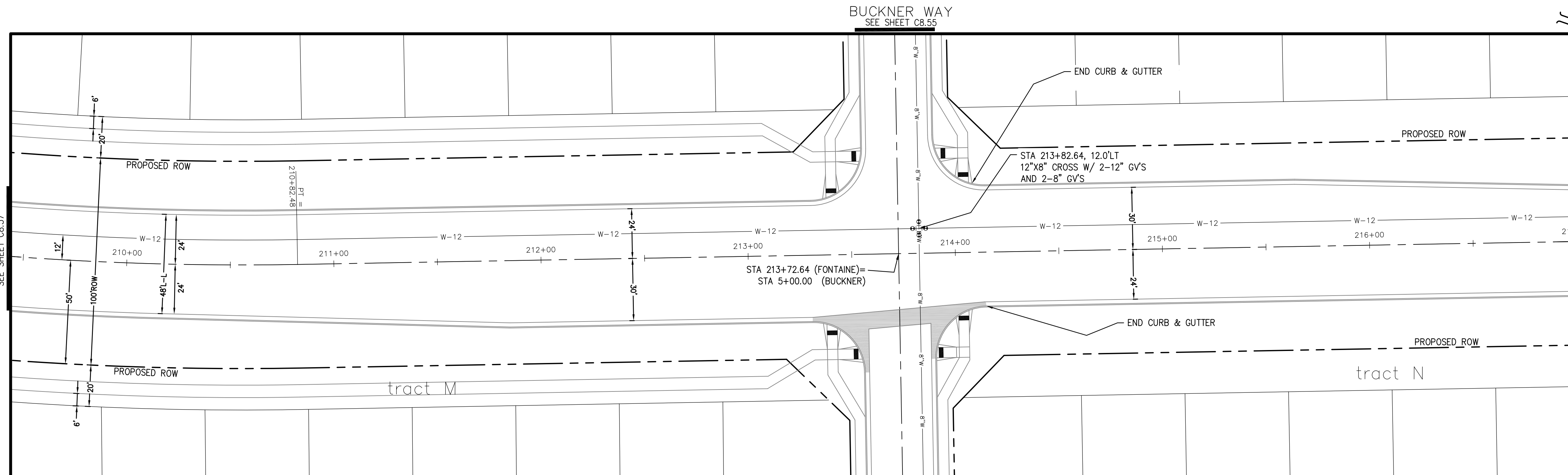
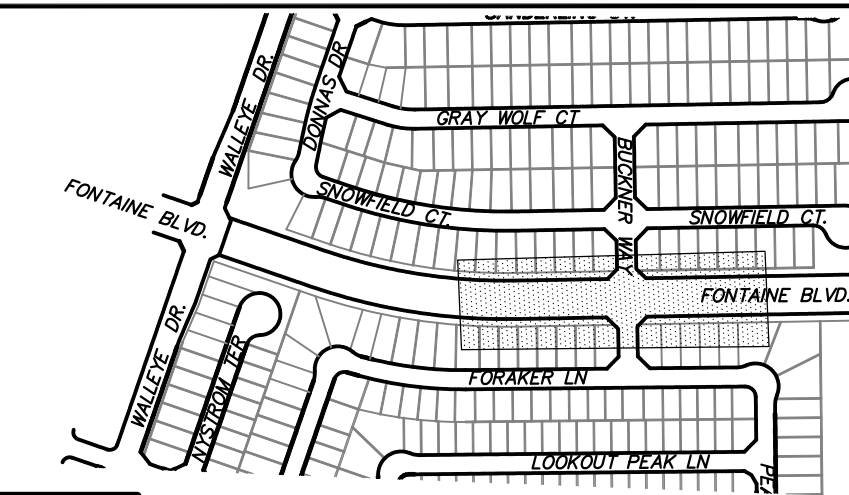
**SAN / WATERMAIN - NORTH AREA**  
**FONTAINE BLVD.**  
**STA 203+00 TO 209+50**



DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.56  
 TOTAL SHEETS: 75

**NOTES**

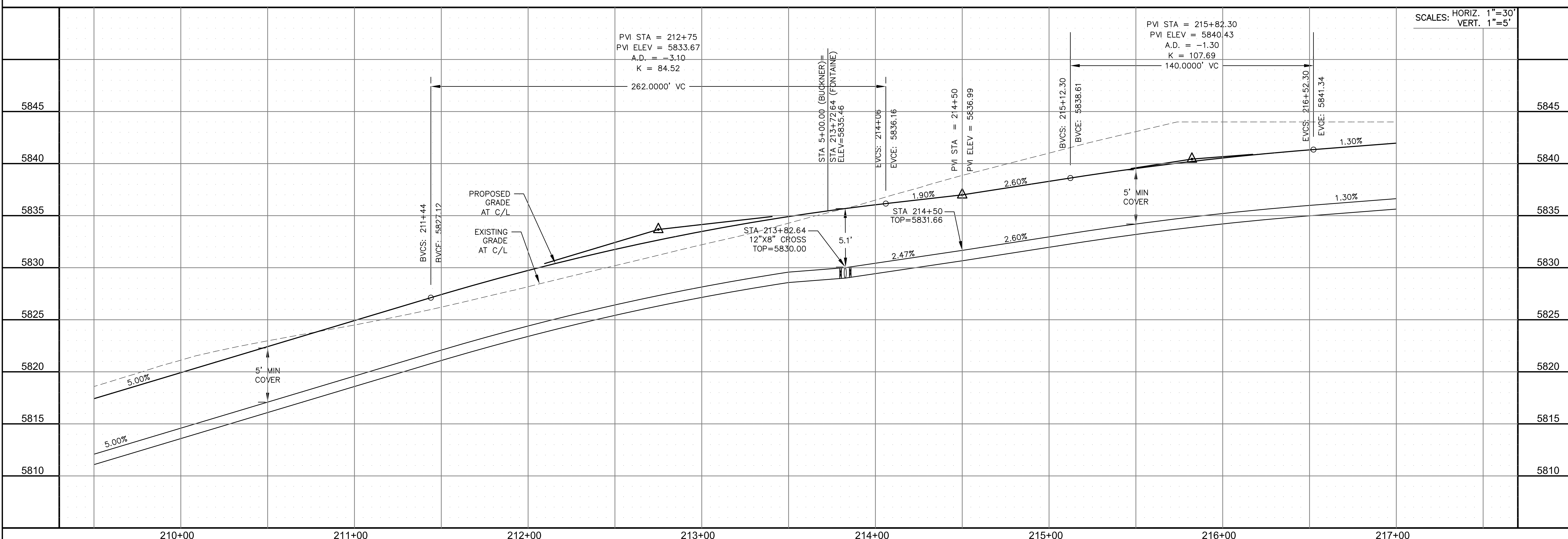
1. STATIONING IS AT ROADWAY CENTERLINE.
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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



MATCH LINE  
STA = 209+50  
SEE SHEET C8.57

MATCH LINE  
STA = 217+00  
SEE SHEET C8.58

**FONTAINE BLVD.**



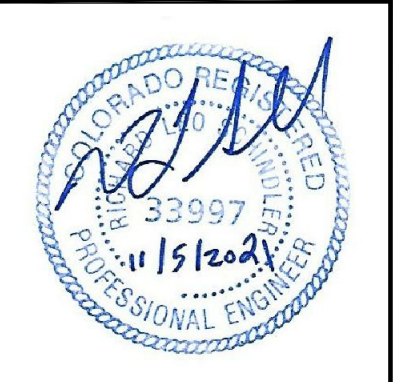
SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80202  
PHONE: 720.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT: **THE RIDGE AT LORSON RANCH**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**FONTAINE BLVD.**  
**STA 209+50 TO 217+00**



DATE:  
NOV 5, 2021

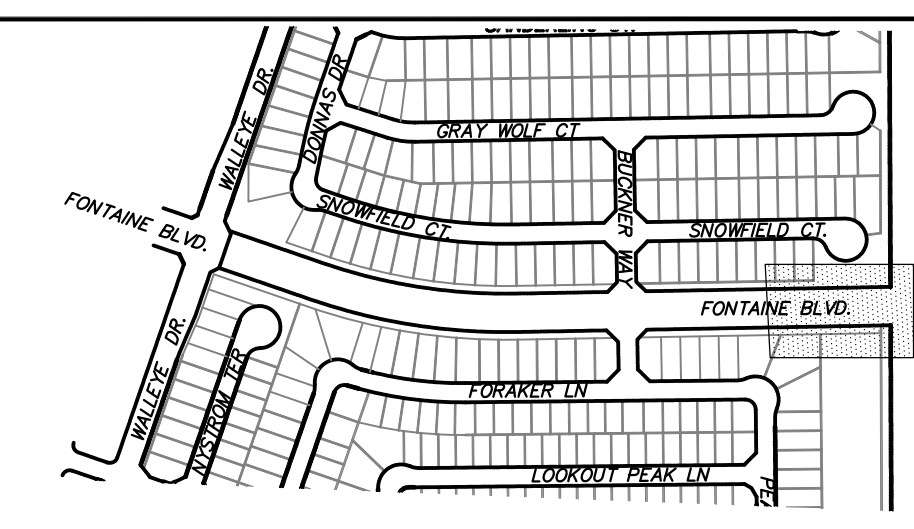
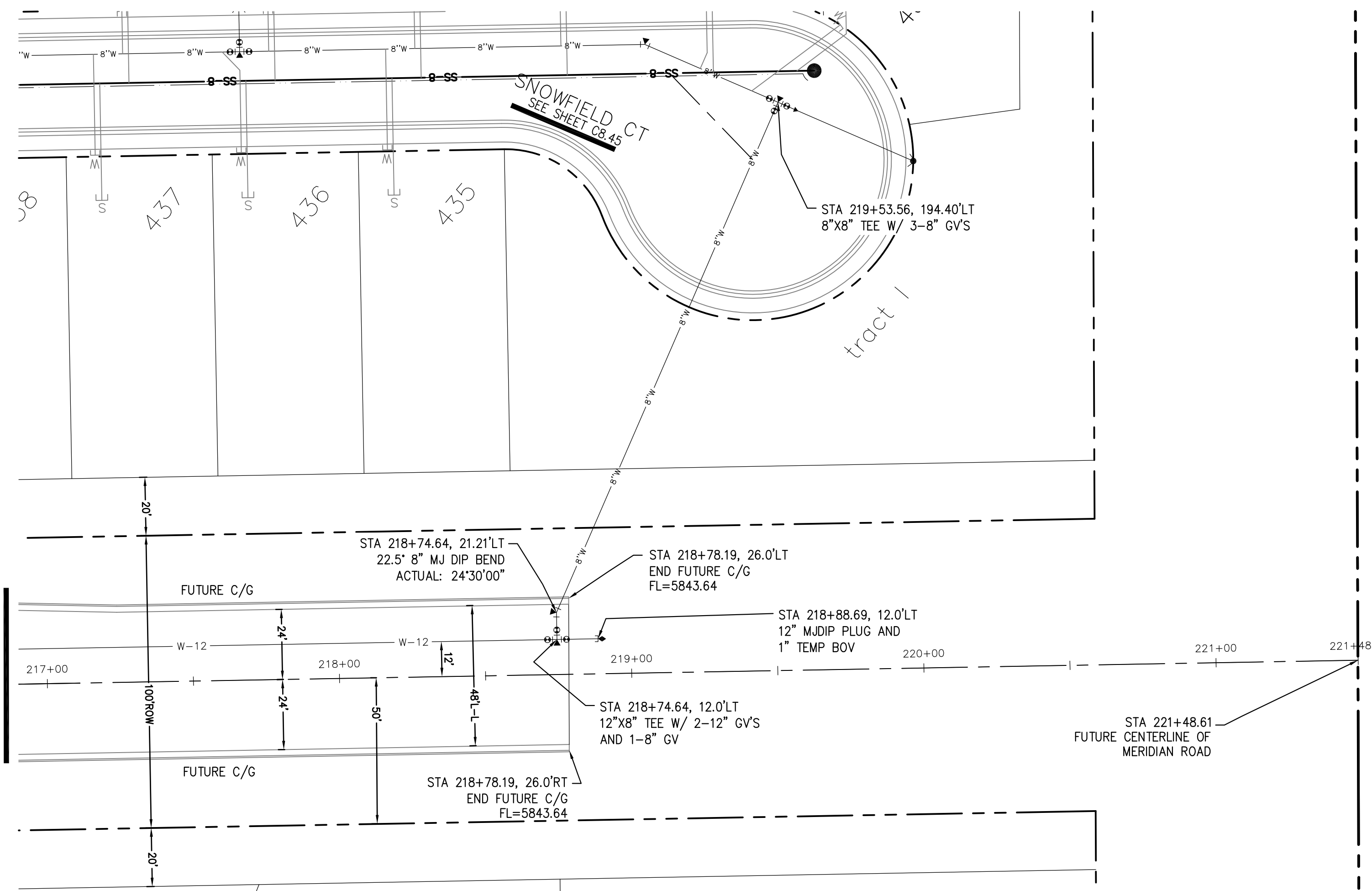
PROJECT NO.  
**100.064**

SHEET NUMBER  
**C8.57**

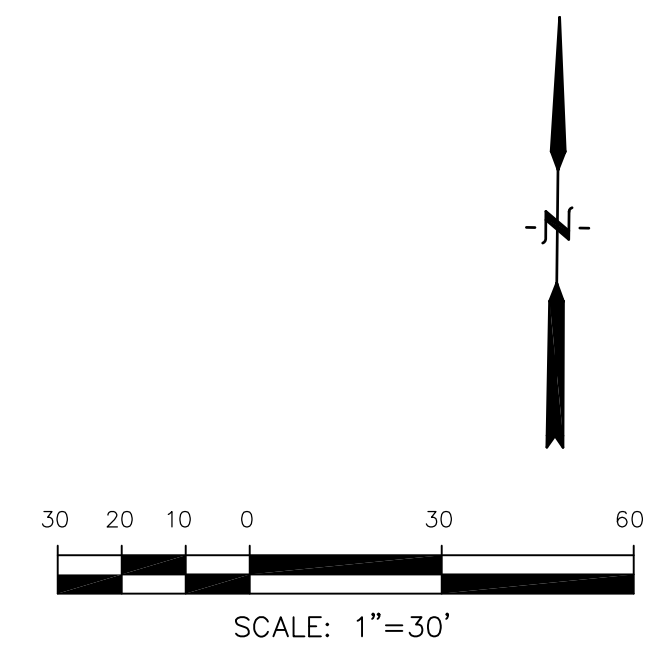
TOTAL SHEETS: 75

**NOTES**

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6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE



**KEY MAP**  
NORTH AREA



**FONTAINE BLVD.**

Station	Elevation	Description
217+00	5845	End Pavement and Curb/Gutter
218+21.42	5838.21	12" x 8" Tee Top
218+74.64	5838.21	12" x 8" Tee Top
218+78.19	5843.64	End Future C/G
218+88.69	5838.21	12" MJ Dip Plug with 1" Temp Boy Top
221+00	5847.16	PVI Elevation

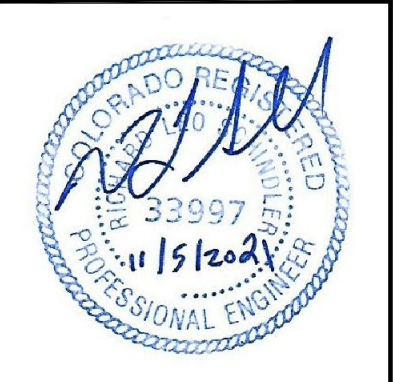
**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BIRMGHAM, AL 35206  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

PREPARED FOR:  
**LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON RANCH**  
FONTAINE BLVD - WALLEYE DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**SAN / WATERMAIN - NORTH AREA**  
**FONTAINE BLVD.**  
**STA 217+00 TO 221+48**



DATE:  
NOV 5, 2021

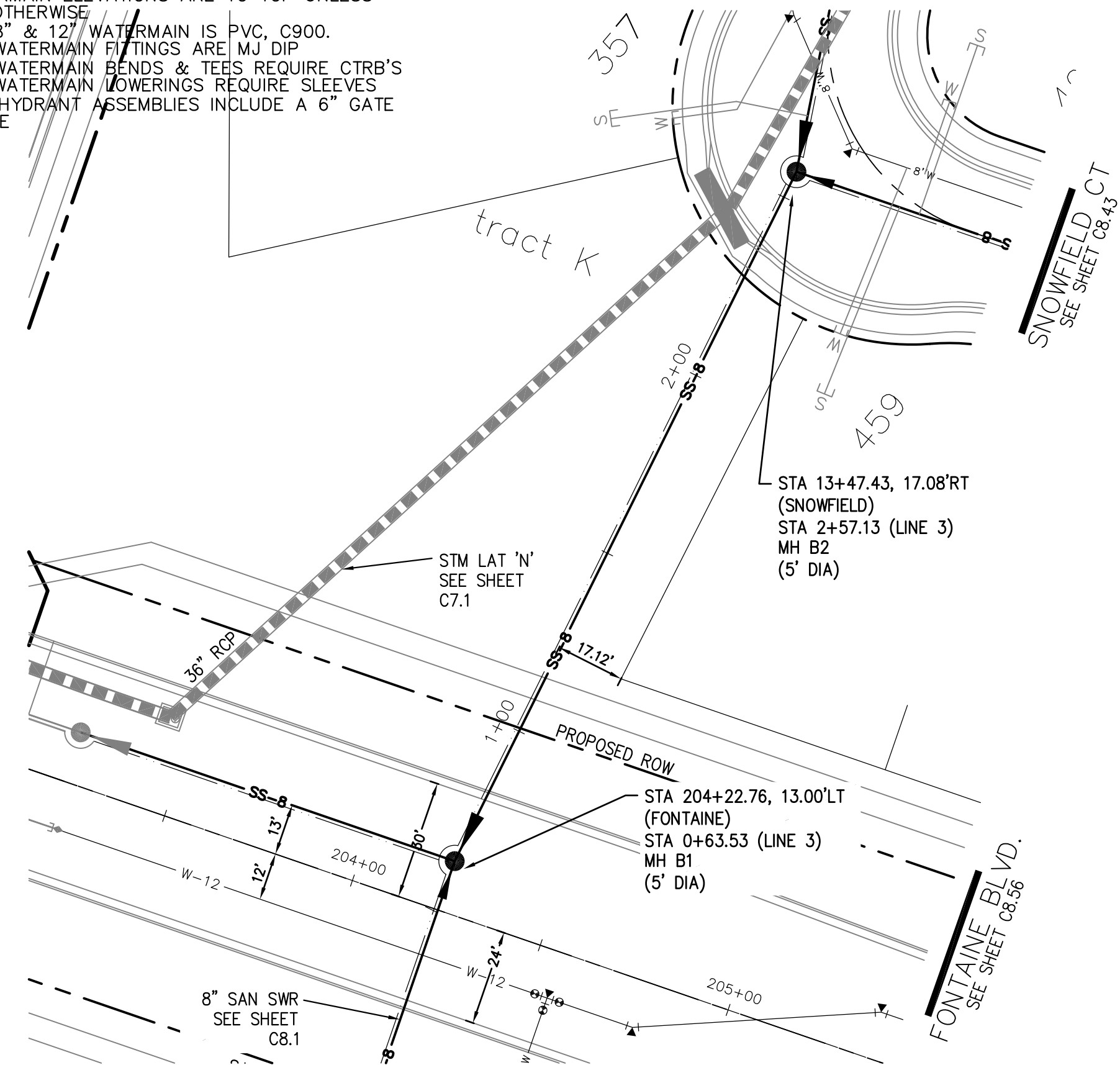
PROJECT NO.  
100.064

SHEET NUMBER  
C8.58

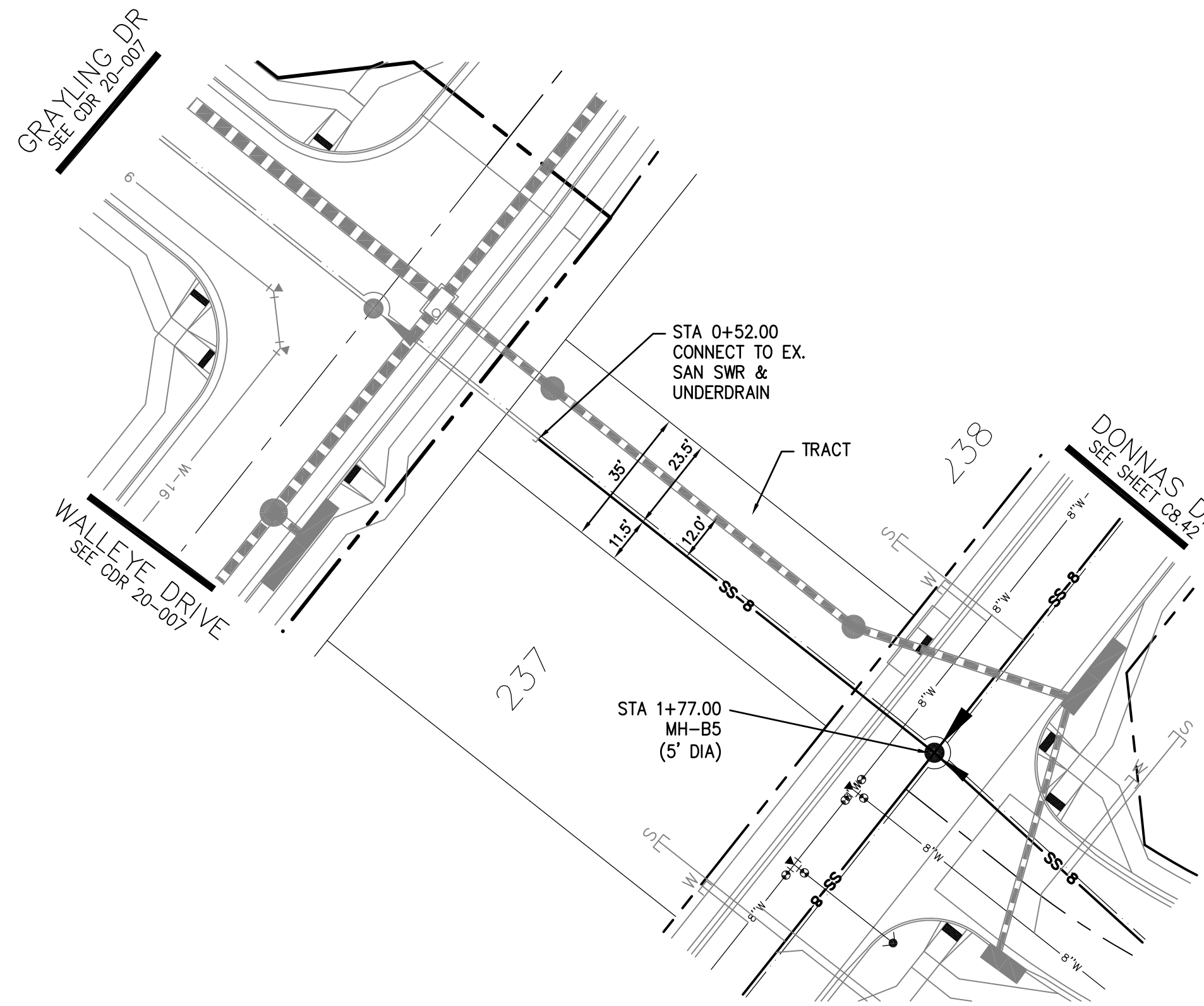
TOTAL SHEETS: 75

**NOTES**

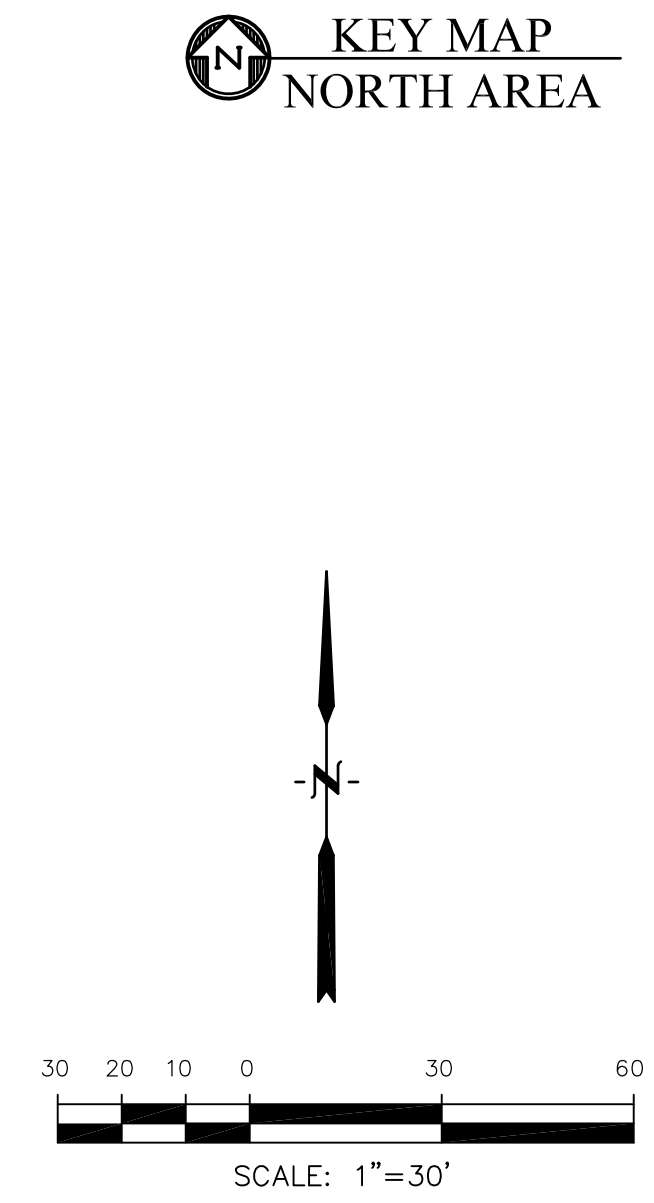
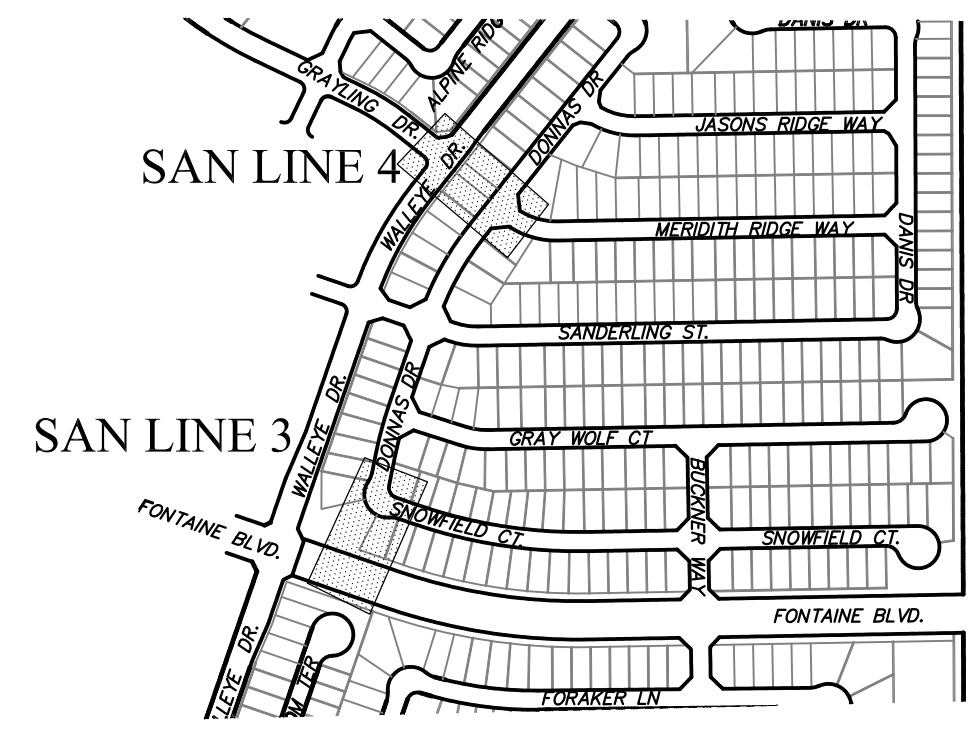
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S.
6. ALL WATERMAIN LOWERINGS REQUIRE SLEEVES.
7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



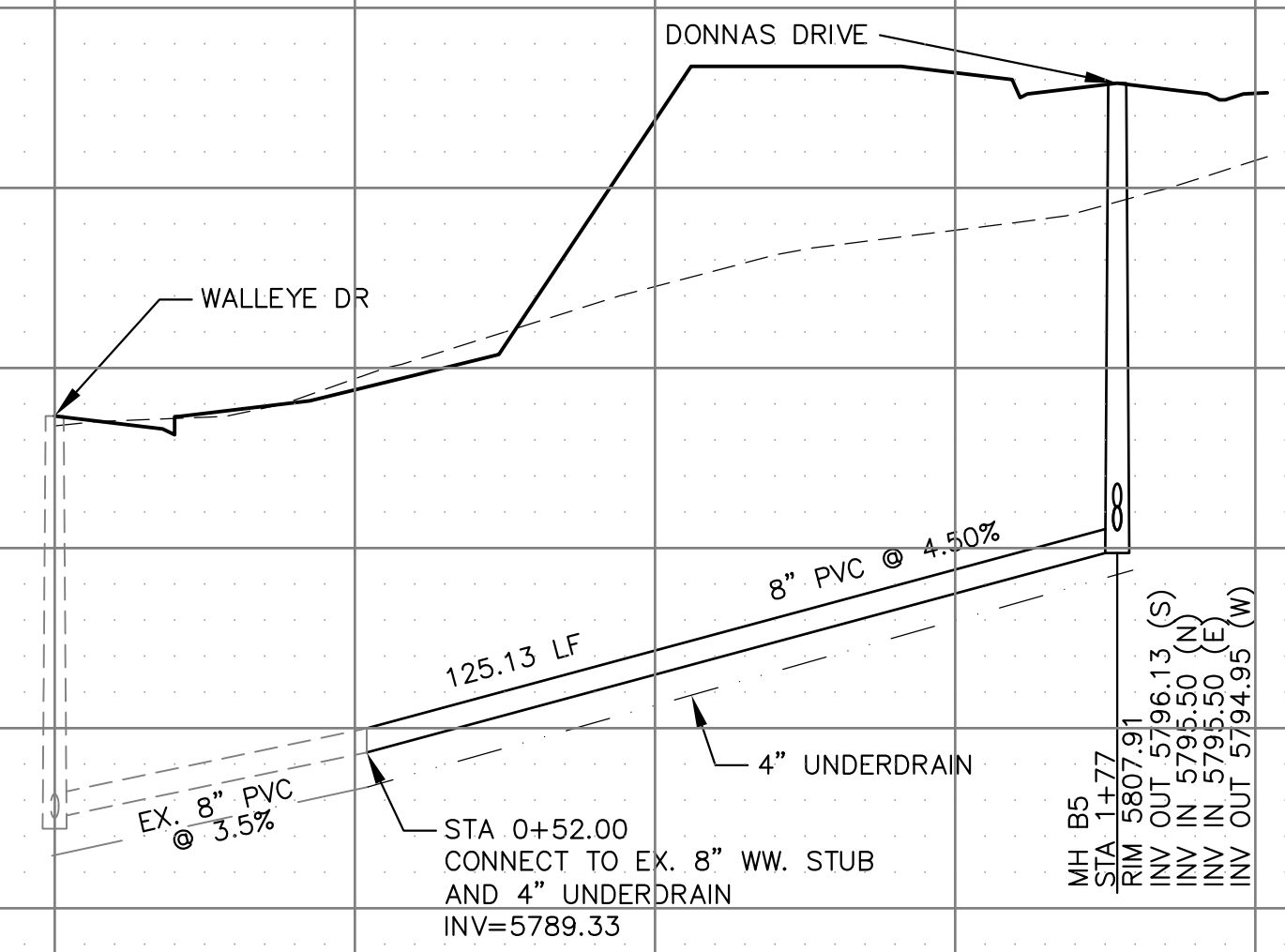
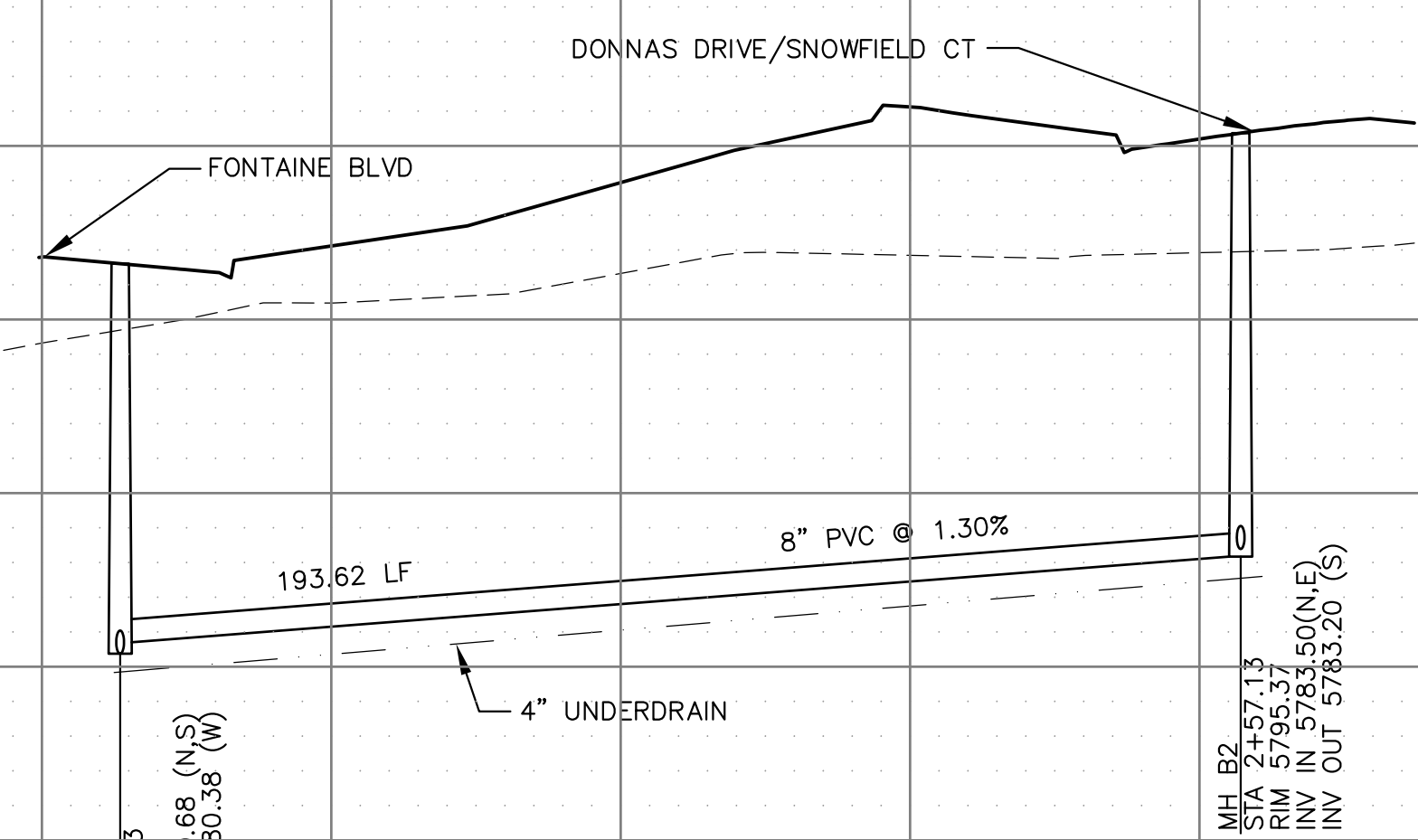
**SANITARY LINE 3**



**SANITARY LINE 4**



Station	Profile Description	Elevation
0+00	8" PVC @ 1.30%	5810
1+00	8" PVC @ 1.30%	5805
2+00	8" PVC @ 1.30%	5800
3+00	8" PVC @ 1.30%	5795
4+00	8" PVC @ 1.30%	5790
5+00	8" PVC @ 1.30%	5785
6+00	8" PVC @ 1.30%	5780
7+00	8" PVC @ 1.30%	5775
8+00	8" PVC @ 4.50%	5810
9+00	8" PVC @ 4.50%	5805
10+00	8" PVC @ 4.50%	5800
11+00	8" PVC @ 4.50%	5795
12+00	8" PVC @ 4.50%	5790
13+00	8" PVC @ 4.50%	5785
14+00	8" PVC @ 4.50%	5780
15+00	8" PVC @ 4.50%	5775



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 700, SUITE 55506  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

NO. \_\_\_\_\_

PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SAN / WATERMAIN - SAN LINE 3 AND 4**  
**FONTAINE BLVD.**  
**SANITARY LINE 3 AND LINE 4**

DATE: NOV 5, 2021

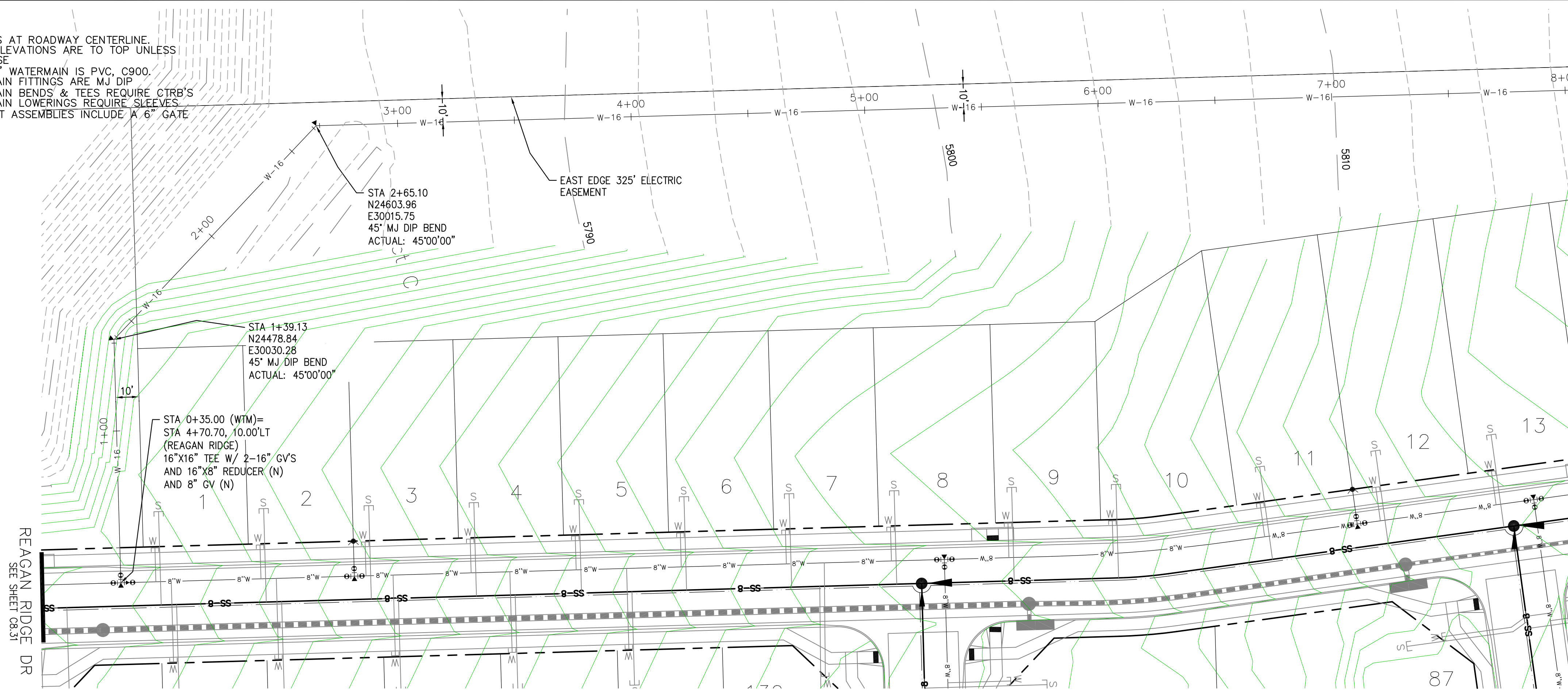
PROJECT NO. 100.064

SHEET NUMBER C8.59

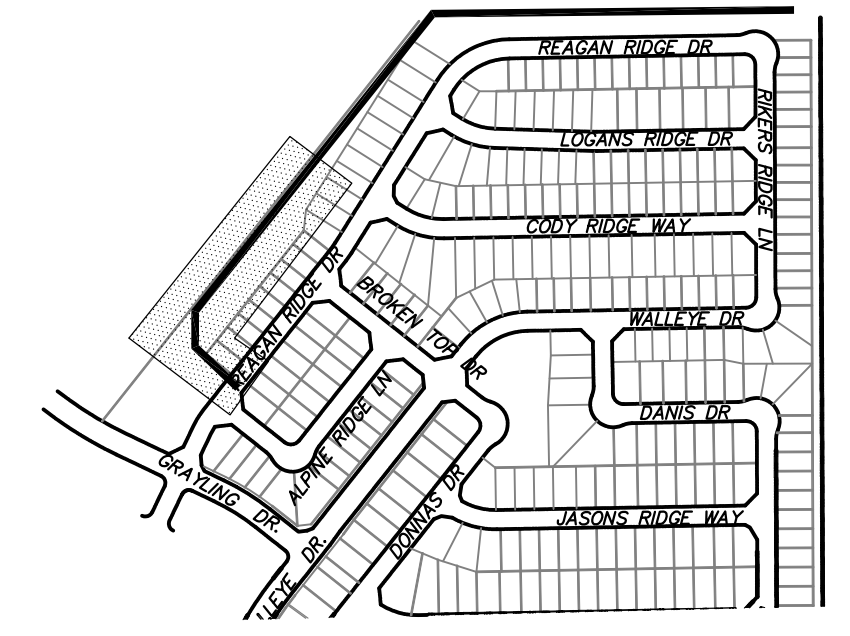
TOTAL SHEETS: 75

**NOTES**

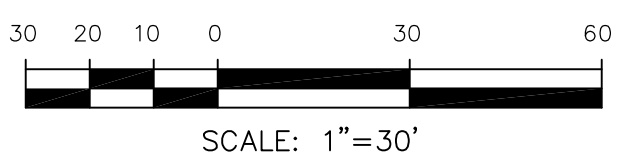
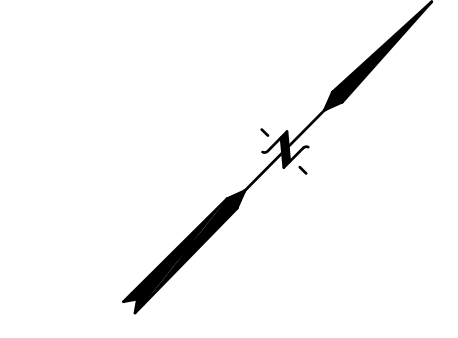
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7. FIRE HYDRANT ASSEMBLIES INCLUDE A 6" GATE VALVE.



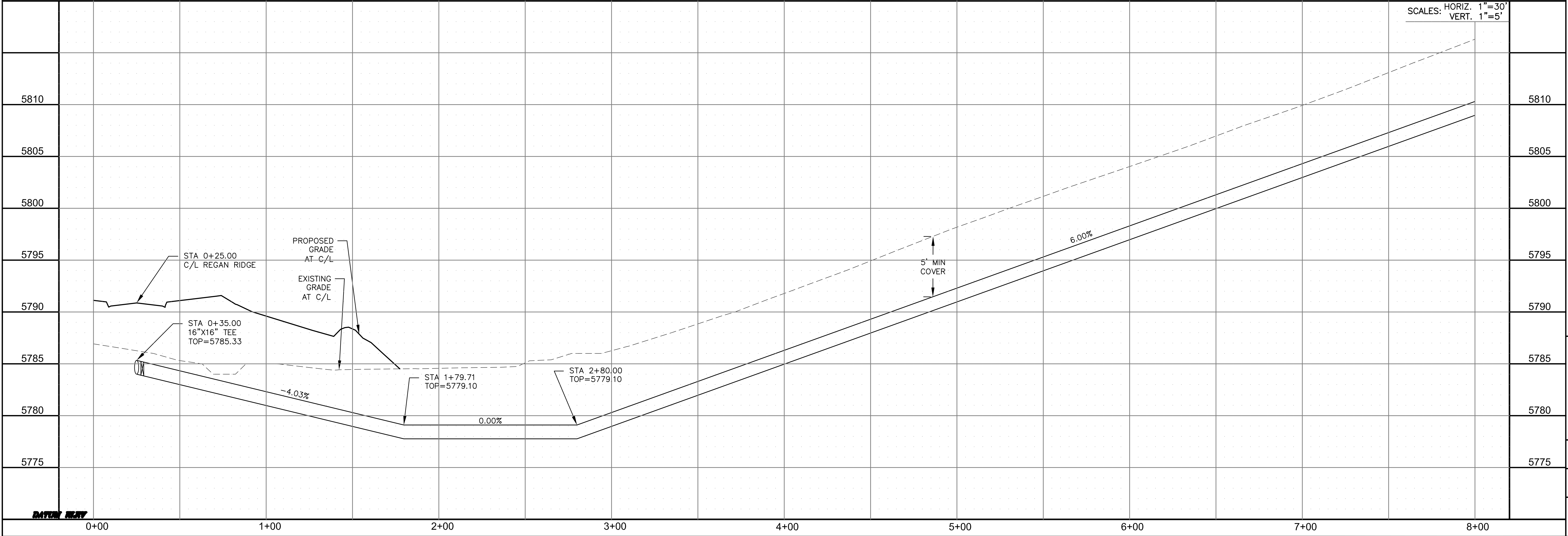
MATCH LINE  
STA = 8+00  
SEE SHEET C8.61



KEY MAP  
NORTH AREA



**16" WATERMAIN INTERCONNECTION**



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE**  
**ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80202  
PHONE: 303.576.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO. \_\_\_\_\_  
PROJECT: **LORSON, LLC**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

PREPARED FOR:  
**AT LORSON RANCH**  
FONTAINE BLVD - WALLEYE DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**16" WATERMAIN INTERCONNECTION**  
**STA 0+00 TO 8+00**



DATE:  
NOV 5, 2021

PROJECT NO.  
100.064

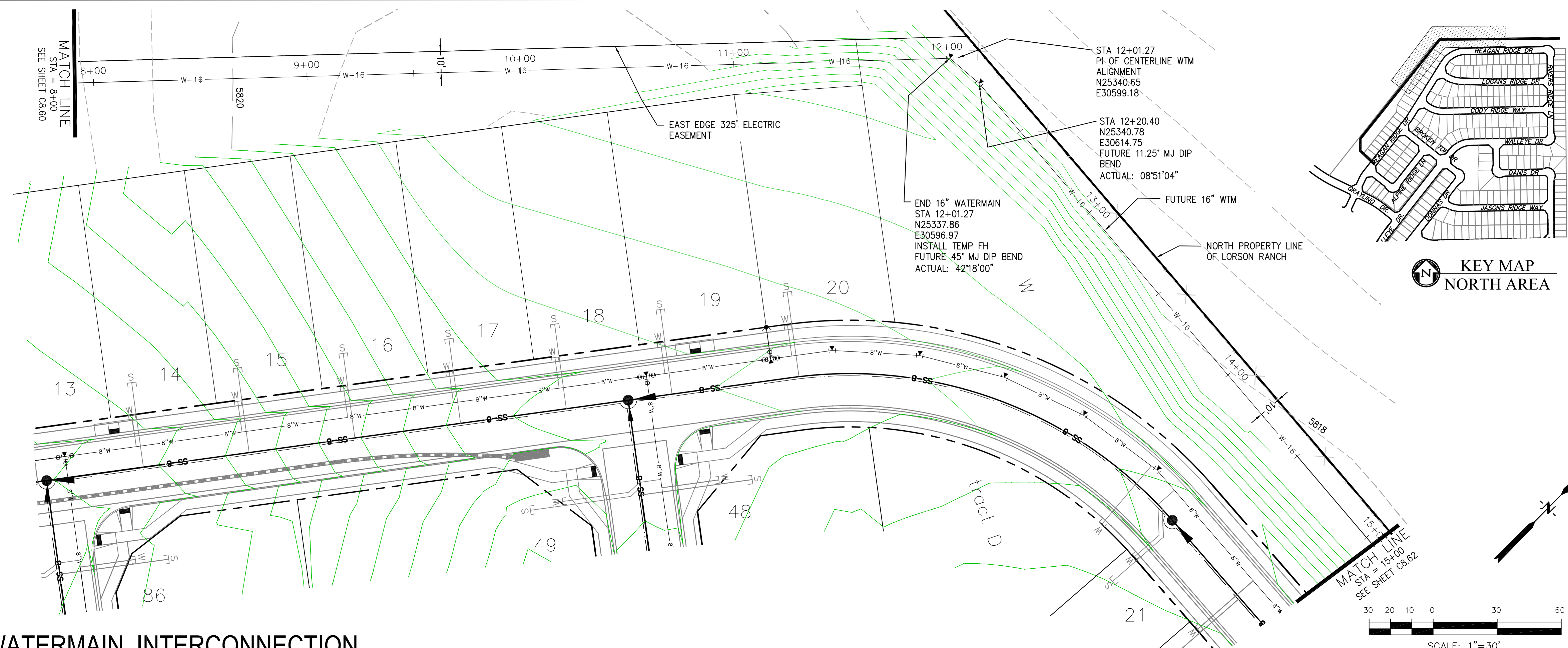
SHEET NUMBER  
C8.60

TOTAL SHEETS: 75

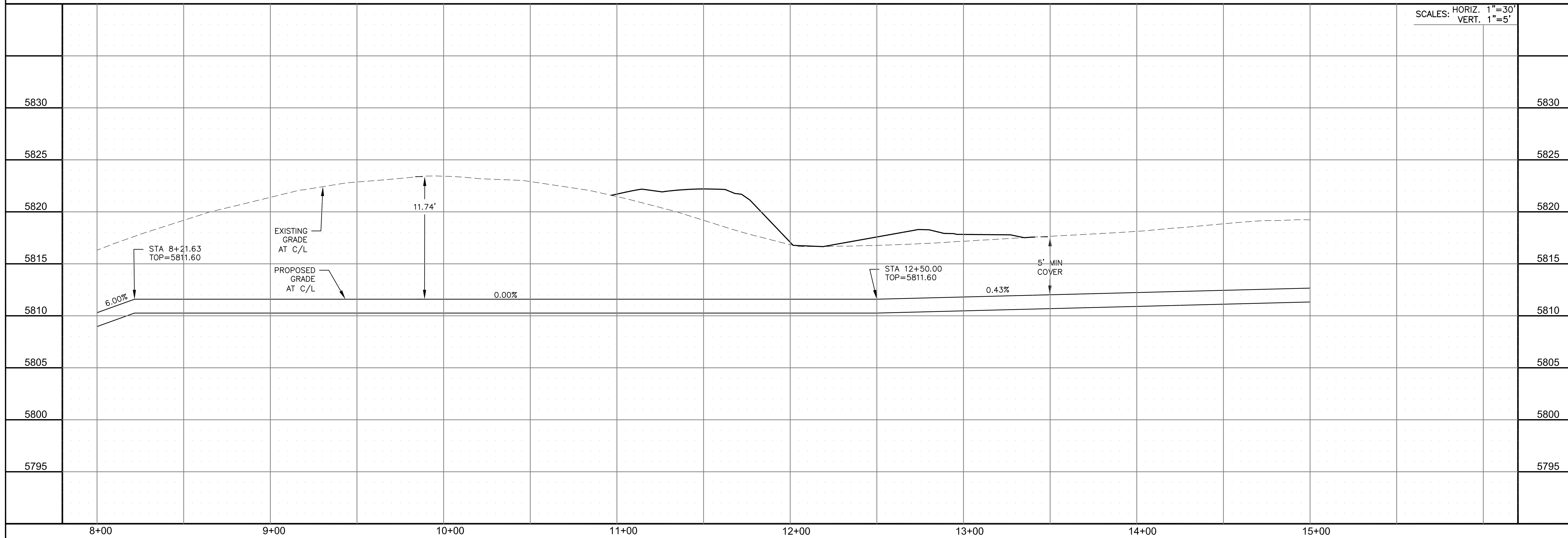


**NOTES**

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**16" WATERMAIN INTERCONNECTION**



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S, SUITE 301  
BIRCH CREEK, CO 80150  
PHONE: 303.779.5700  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

NO. \_\_\_\_\_

PROJECT: **AT THE RIDGE AT LORSON RANCH**  
212 N. WAHSATCH AVE., SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
(719) 635-3200  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**16" WATERMAIN INTERCONNECTION**

STA 8+00 TO 15+00

DATE: NOV 5, 2021

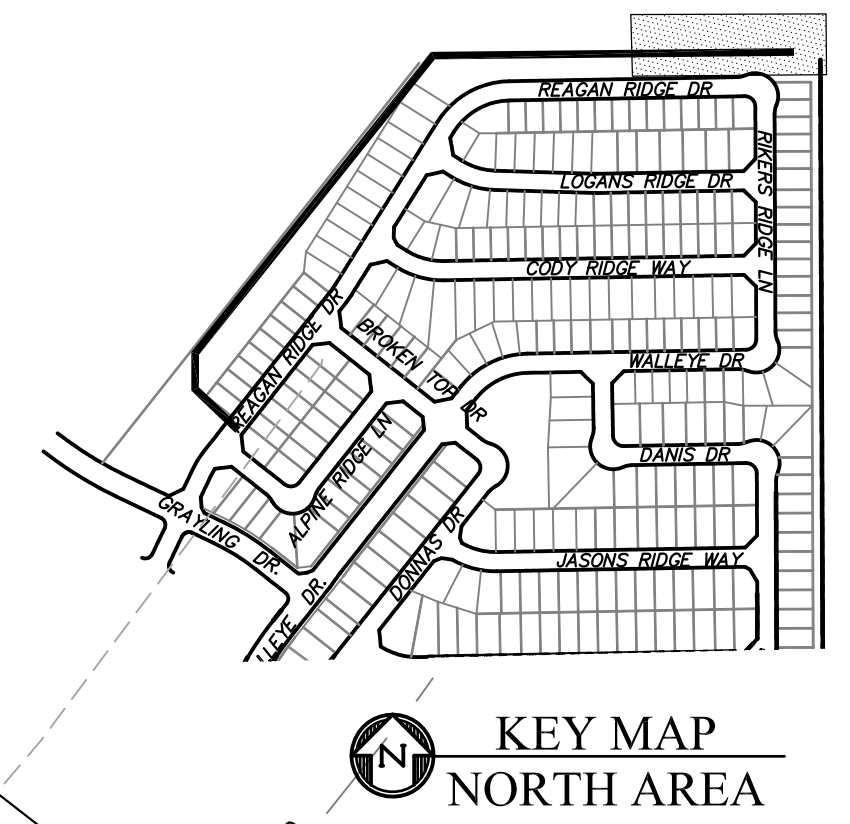
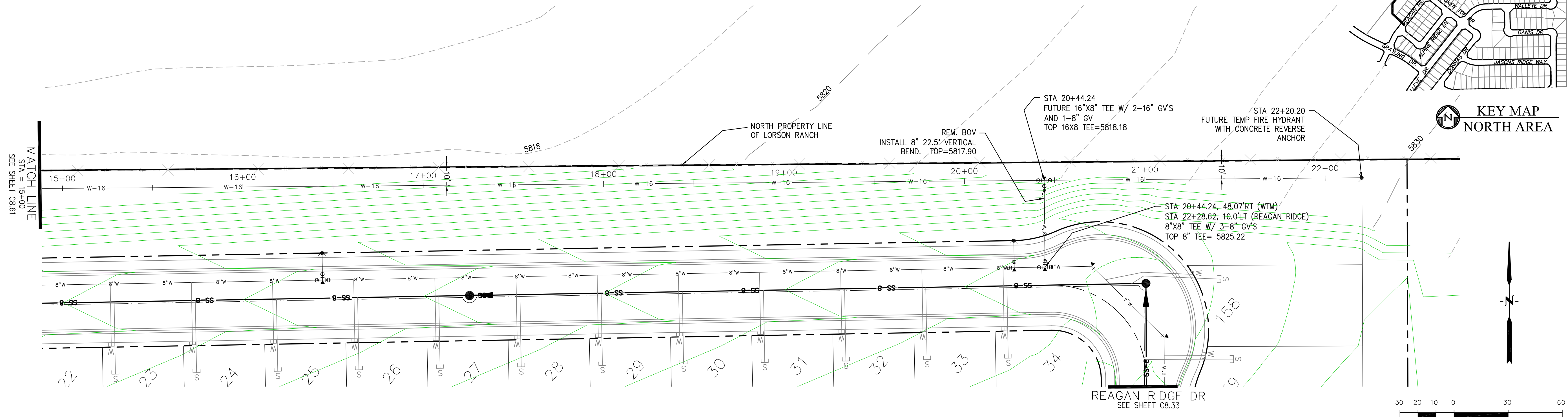
PROJECT NO. 100.064

SHEET NUMBER C8.61

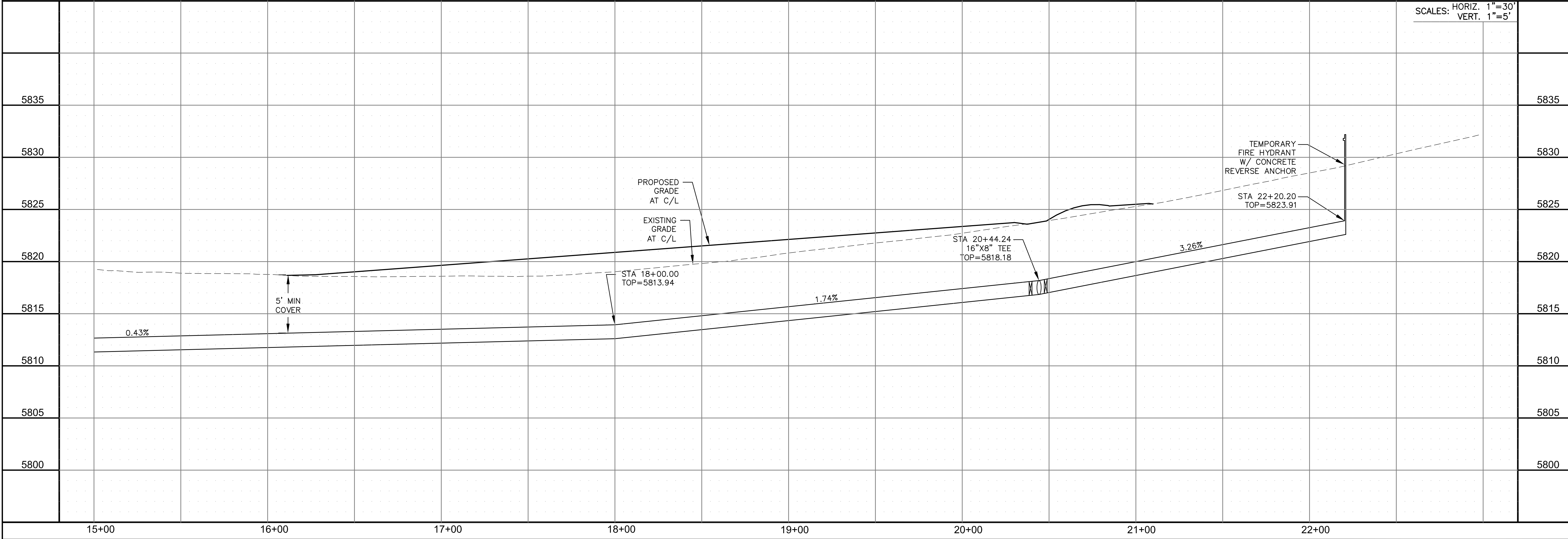
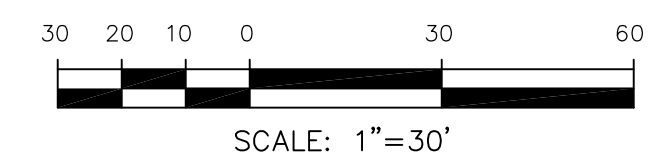
TOTAL SHEETS: 75

**NOTES**

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**future 16" WATERMAIN INTERCONNECTION**



SCALES: HORIZ. 1"=30'  
VERT. 1"=5'

**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 100  
 BLDG 100  
 BLDG 100  
 BLDG 100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

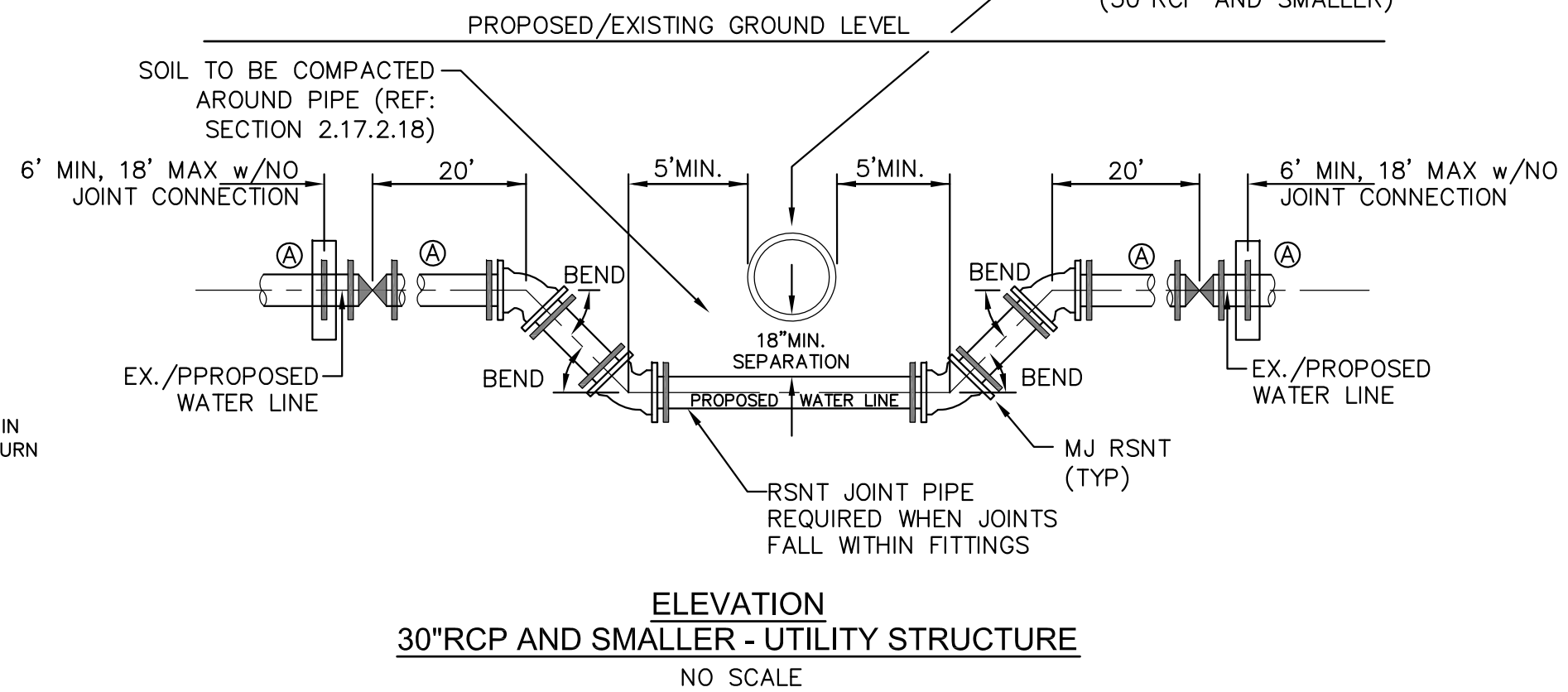
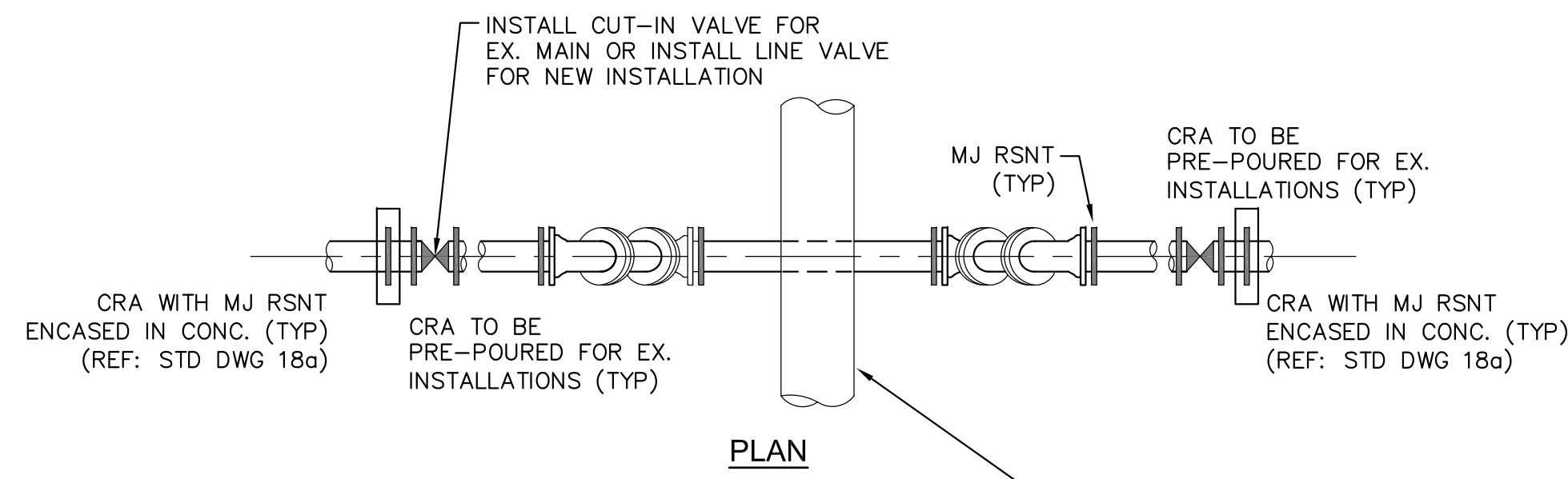
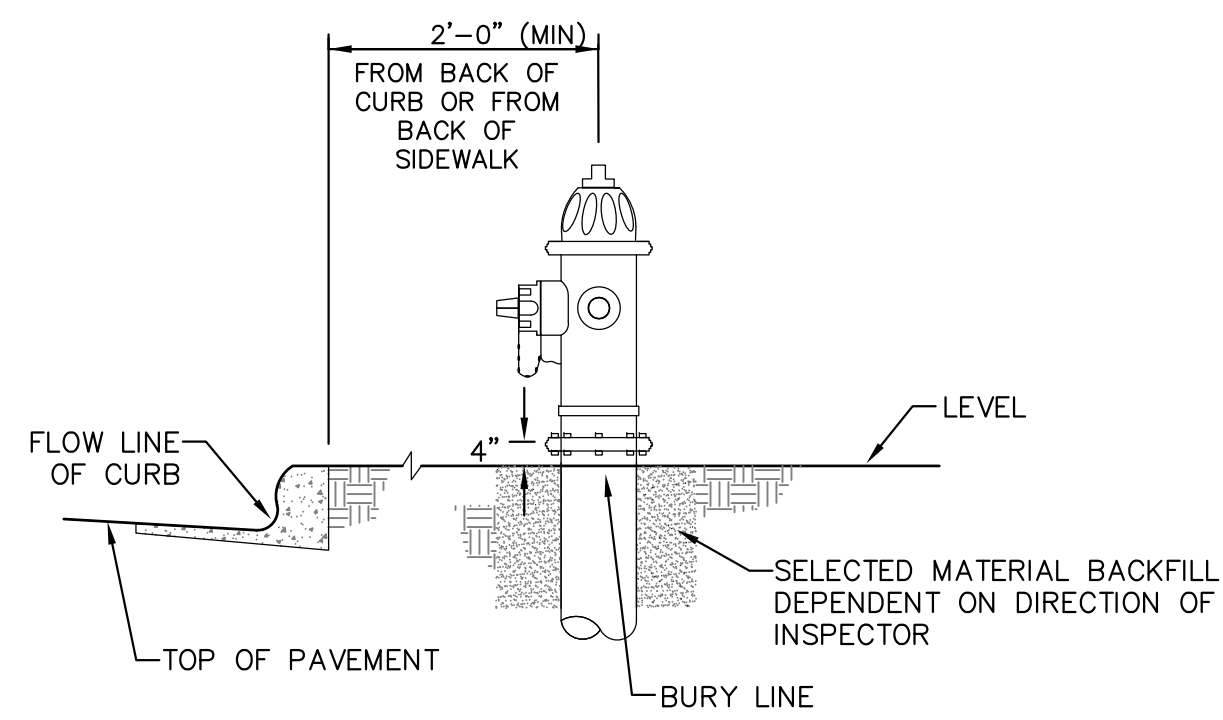
DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK  
 PROJECT: **THE RIDGE AT LORSON RANCH**  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**16" WATERMAIN INTERCONNECTION**  
 STA 15+00 TO 22+20



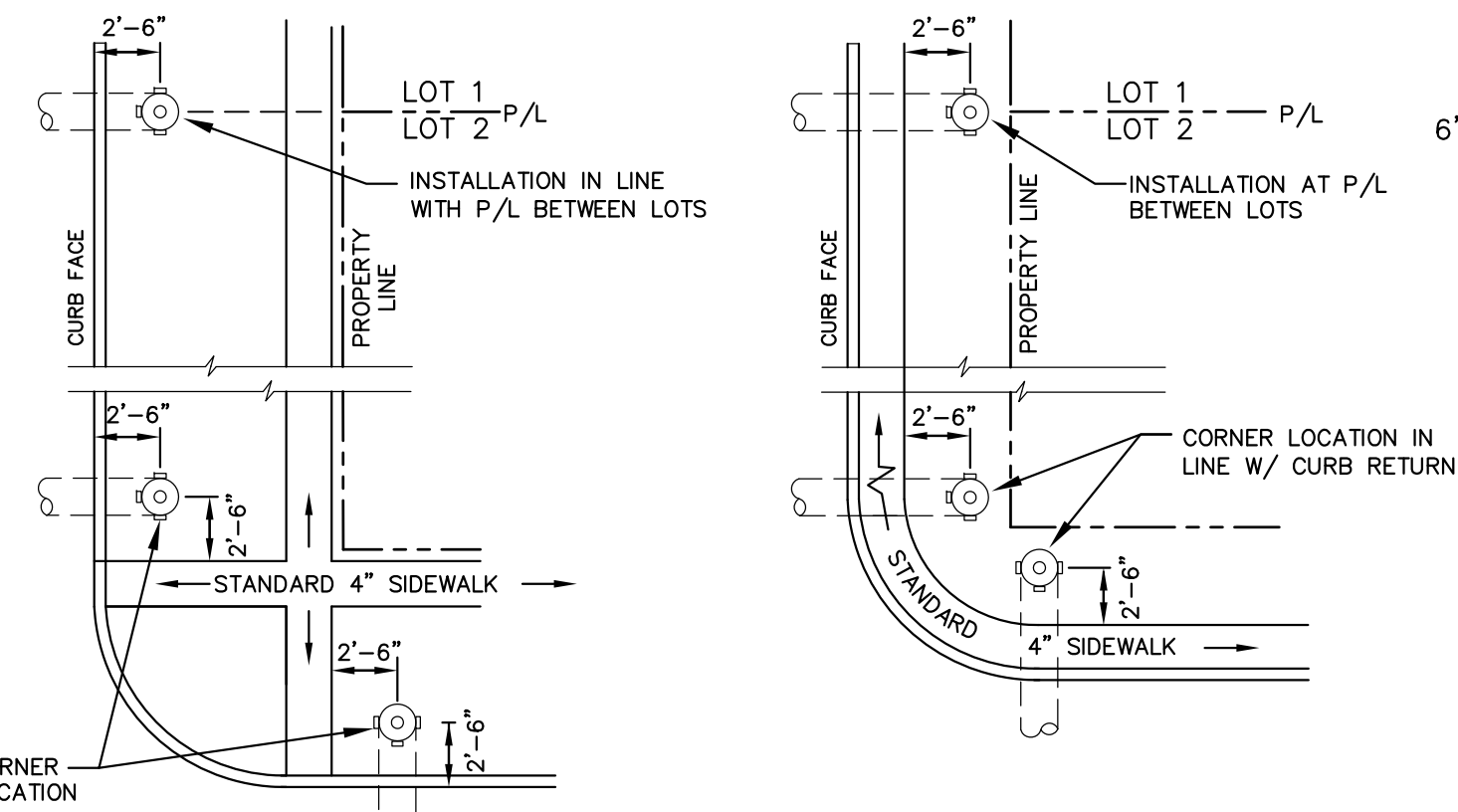
DATE: NOV 5, 2021  
 PROJECT NO. 100.064  
 SHEET NUMBER C8.62  
 TOTAL SHEETS: 75



**GENERAL NOTES**

1. D.I.P. PIPE REQUIRED IN LOWERINGS (AT THE DISCRETION OF THE WRD/INSPECTOR PVC PIPE MAYBE APPROVED).
2. (A) LOWERINGS TO BE CATHODIC PROTECTED UNDER THE DIRECTION OF THE WRD INSPECTOR. (17 lb).
3. ALL FITTINGS SHALL HAVE MJ RSNTS. SEE DRAWINGS NO. 27, 28 & SECTION 5.14 OF THE WRD SPECIFICATIONS.
4. EXAMPLE CAN VARY DUE TO SITE CONDITIONS AND INSPECTOR'S DIRECTION'S.

**LOWERING DETAIL WITH MJ RSNT FITTINGS AND RSNT JOINT PIPE (w/APPROVAL OF W.R.D.)**  
(PER CSU STANDARD # 20a)  
NO SCALE

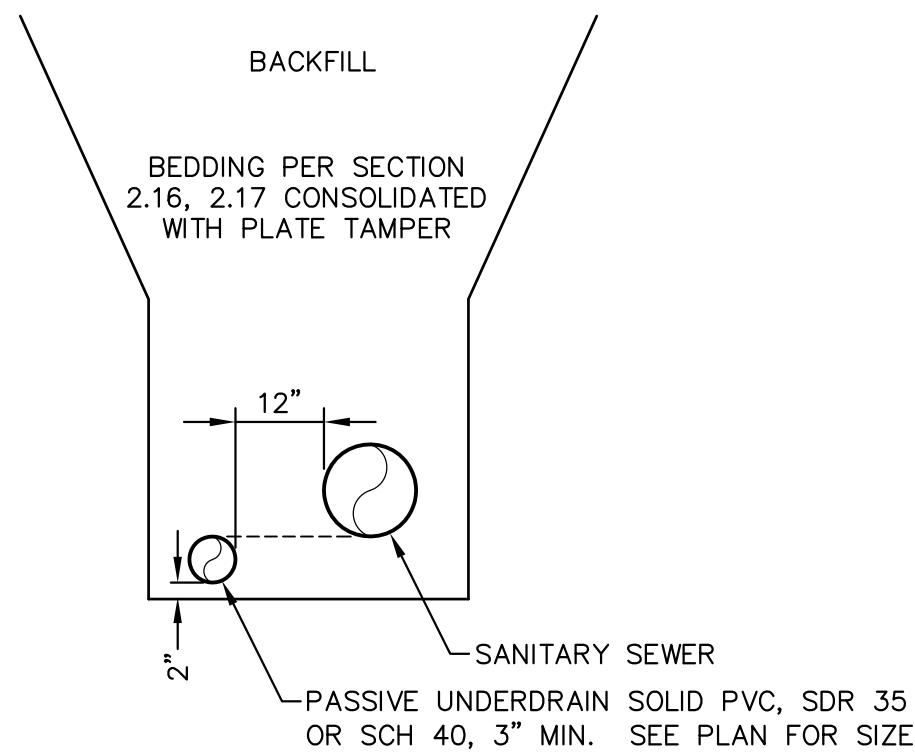


**DETACHED SIDEWALK LOCATION NO SCALE**      **ATTACHED SIDEWALK LOCATION NO SCALE**

**NOTE**  
ALL HYDRANTS SHALL BE GUARDIAN K-81D OR AVK SERIES 2700.

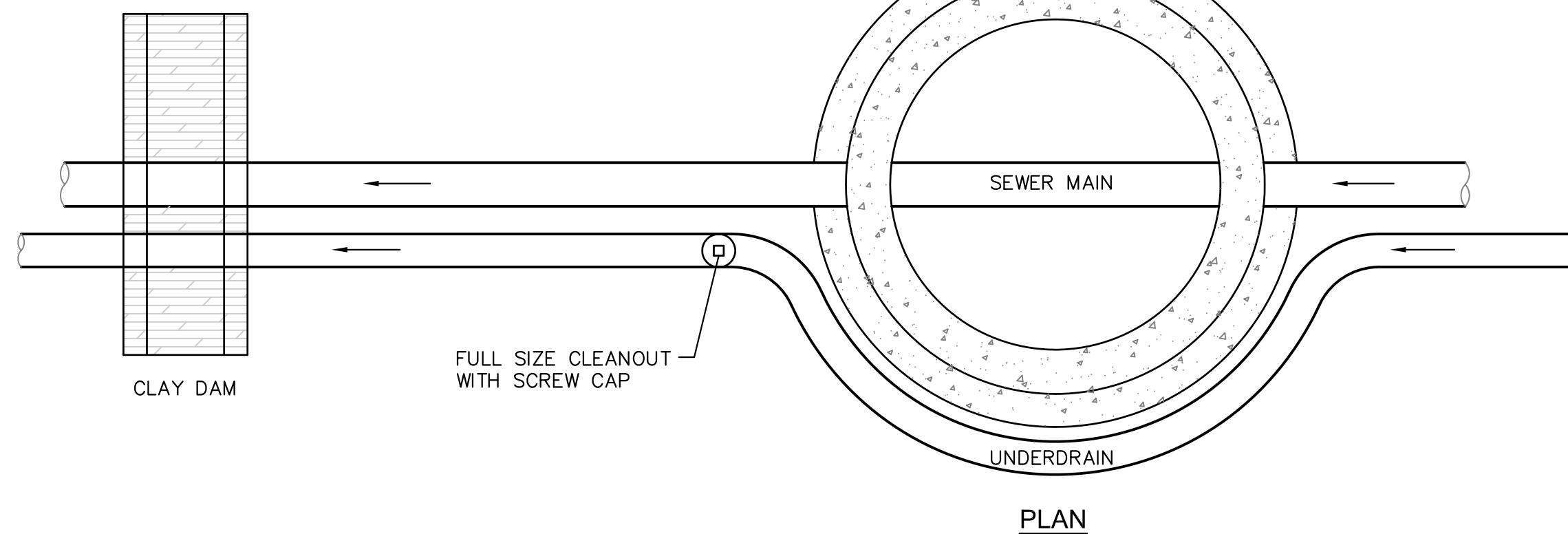
- NOTES**
1. HYDRANT NOZZLE SHALL BE POSITIONED AT RIGHT ANGLES TO CURB. IF NO CURB OR SIDEWALK EXIST, NOZZLE SHALL BE PLACED AT RIGHT ANGLE TO STREET OR ALLEY.
  2. HYDRANTS WILL BE PLACED A MINIMUM OF 5.0 FEET FROM ANY UTILITY OR DRAINAGE STRUCTURE (TO BE CO-ORDINATED WITH JOINT TRENCH INSTALLATION)
  3. ANY HYDRANT BEING INSTALLED WITH CONDITIONS OTHER THAN THOSE MENTIONED AND/OR DETAILED BELOW WILL REQUIRE SIGNED APPROVAL FROM SECURITY FIRE PROTECTION DISTRICT.

**FIRE HYDRANT LOCATIONS NO SCALE**

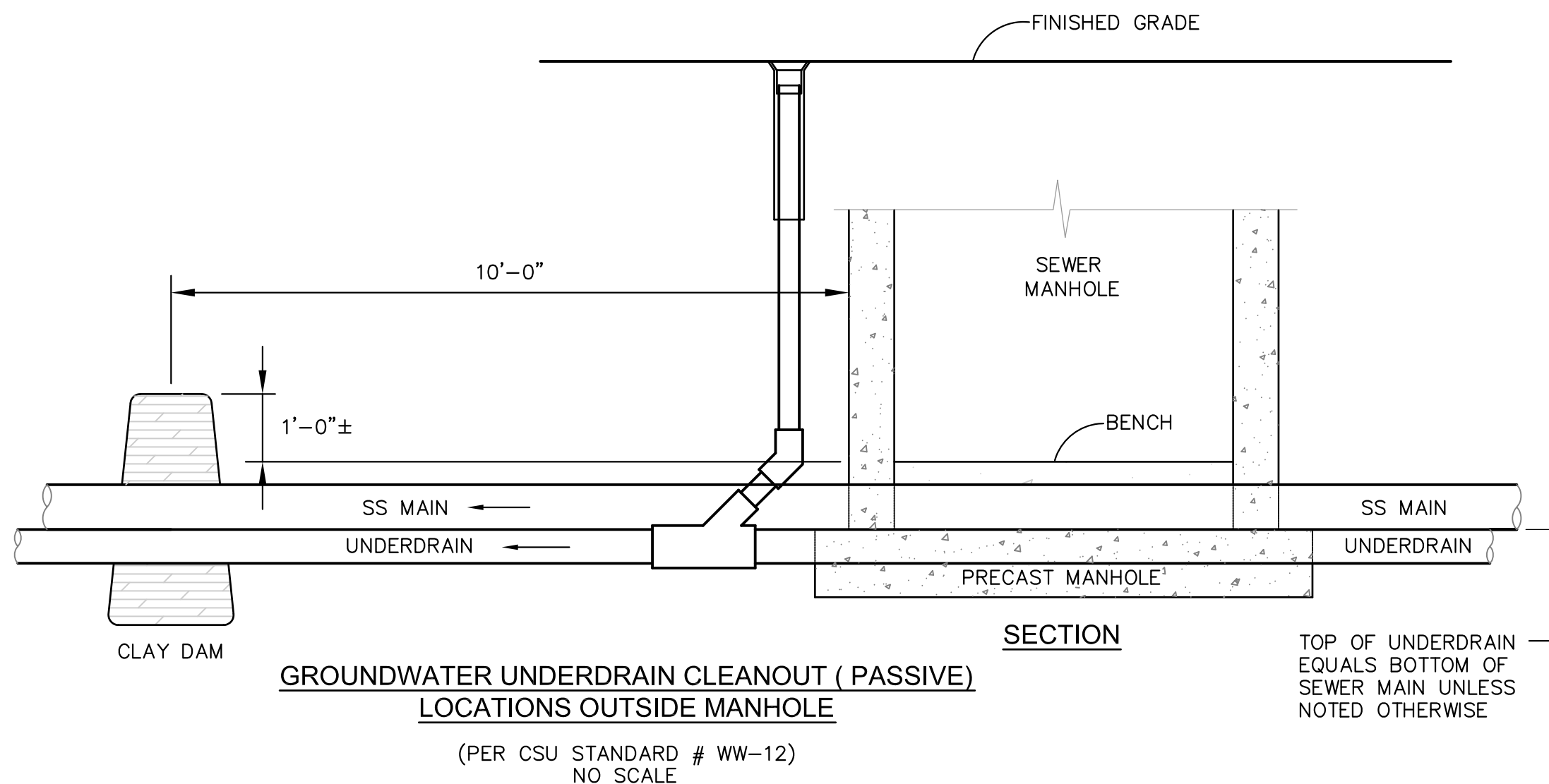
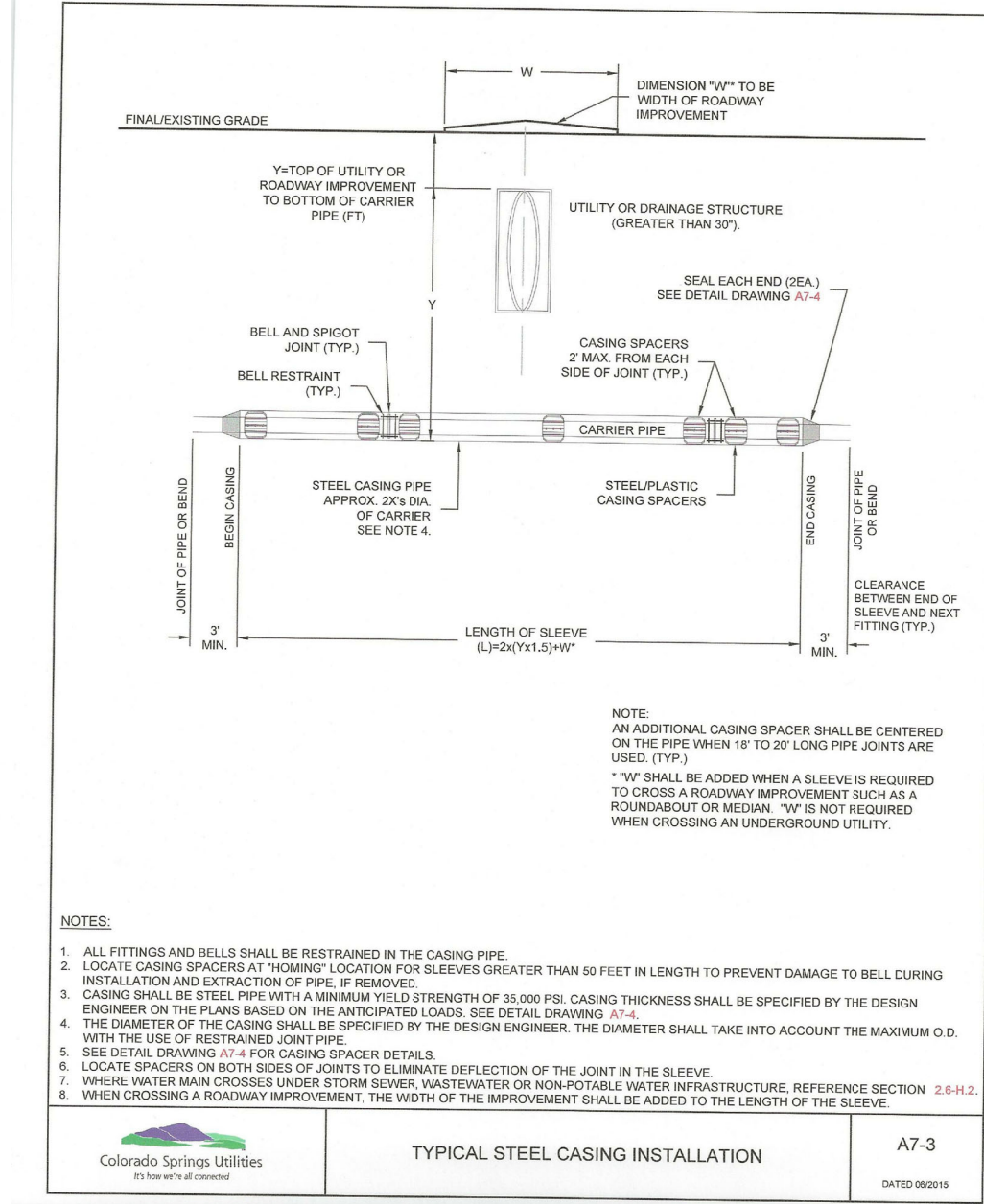
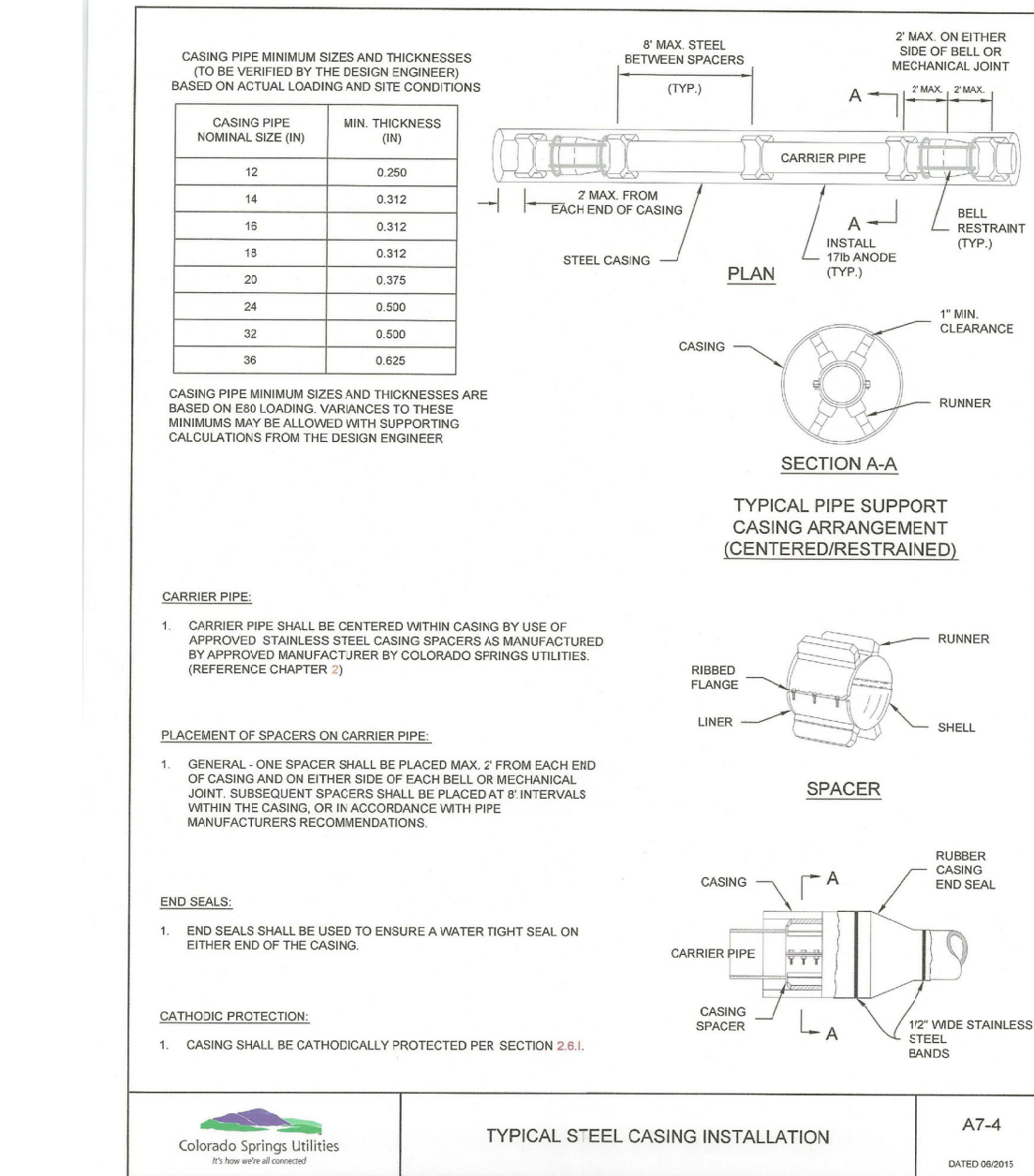


**SANITARY SEWER PASSIVE UNDERDRAIN DETAIL**  
(PER CSU STANDARD # WW-11A)  
NO SCALE

**NOTE:**  
POINT OF DISCHARGE TO PUBLIC SYSTEM IS REQUIRED.  
UNDERDRAIN CONNECTIONS SHALL BE 3\"/>



**PLAN**



**GROUNDWATER UNDERDRAIN CLEANOUT (PASSIVE) LOCATIONS OUTSIDE MANHOLE**

(PER CSU STANDARD # WW-12)  
NO SCALE

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BURNSVILLE, MN 55306  
PH: 718.970.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: rich@cegi.com

DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
NO: \_\_\_\_\_

PREPARED FOR: **LORSON, LLC**  
212 N. WAHSAATCH AVE, SUITE 301  
COLORADO SPRINGS, COLORADO 80903  
CONTACT: JEFF MARK

PROJECT: **THE RIDGE AT LORSON RANCH**  
FONTAINE BLVD - WALLEYE DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**WATER/SEWER DETAILS**



DATE: **NOV 5, 2021**

PROJECT NO: **100.064**

SHEET NUMBER: **C12.1**

TOTAL SHEETS: **75**