

KEY MAP
NO SCALE

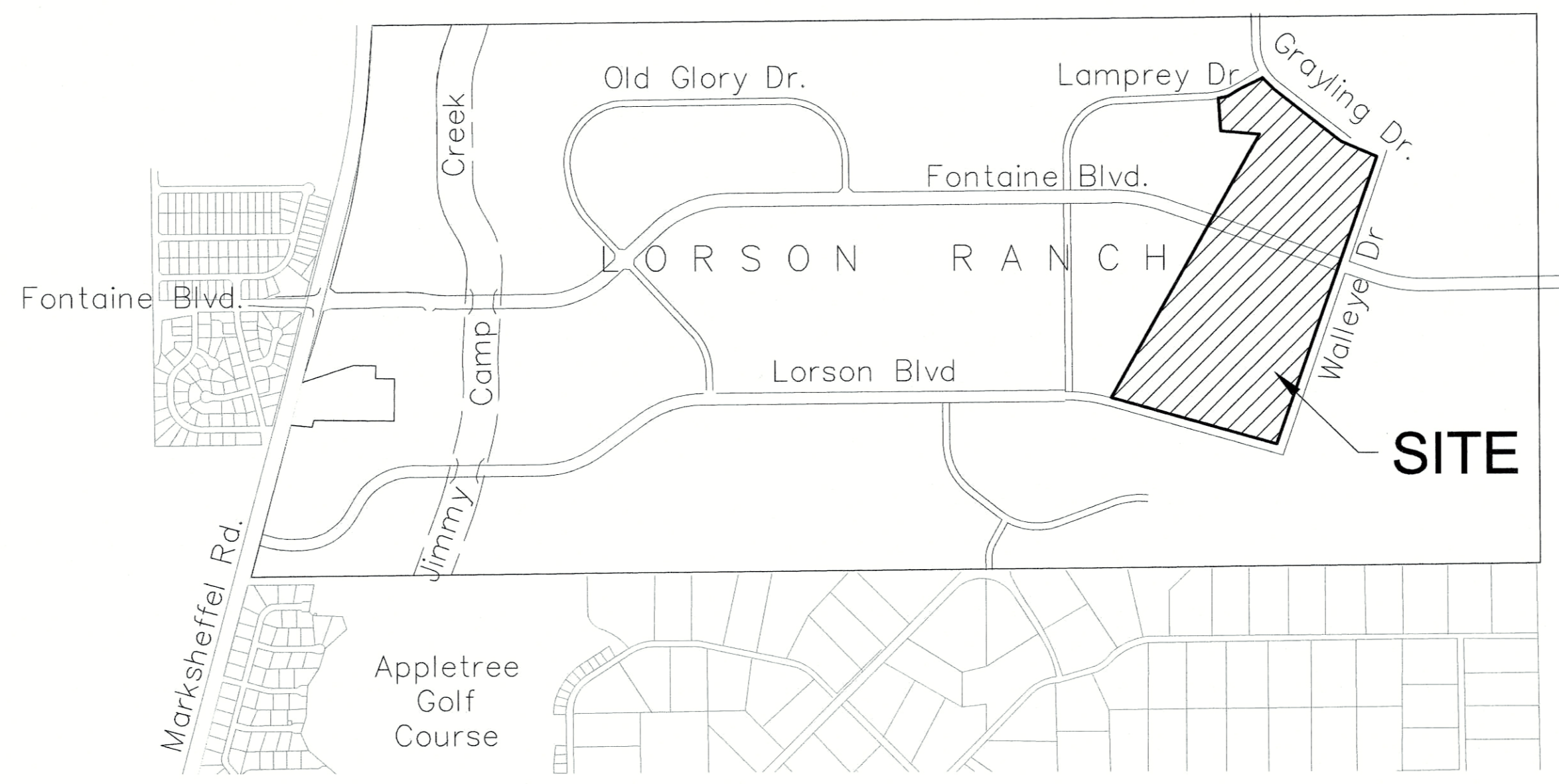
- | | | | |
|---|--|---|--|
| WATER / SANITARY
WIDEFIELD WATER AND SANITATION DISTRICT
8495 FONTAINE BLVD.
COLORADO SPRINGS, CO 80925
719-390-7111 | CABLE
COMCAST
P.O. BOX 173838
DENVER, CO 80217
970-641-4774 | ELECTRIC
MOUNTAIN VIEW ELECTRIC
11140 E. WOODMEN RD.
COLORADO SPRINGS, CO 80831
719-495-2283 | 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 80919
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 89°15'2" 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.

CONSTRUCTION PLANS FOR
THE HILLS AT LORSON RANCH FILING NO. 1
WATERMAIN AND SANITARY SEWER CONSTRUCTION PLANS



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.

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

WIDEFIELD WATER AND SANITATION DISTRICT
WATER DESIGN APPROVAL
DATE 11/18/2020 BY Robert K. Baugher
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 WIDEFIELD WATER AND SANITATION DISTRICT RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE WIDEFIELD WATER AND SANITATION DISTRICT HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

WIDEFIELD WATER AND SANITATION DISTRICT
WATER DESIGN APPROVAL
DATE 11/18/2020 BY Robert K. Baugher
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 20-003
/EGP-20-005



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

SHEET INDEX	
SHEET NO.	SHEET DESCRIPTION
C1.1	COVER SHEET
C1.2	NOTES
C1.3	TYPICAL SECTIONS
C2.1-C2.3	STREET HORIZONTAL CONTROL
C3.1-C3.4	UTILITY SERVICE PLAN
C8.1-C8.29	PLAN AND PROFILES
C12.1	DETAILS

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 Jam DATE 11/18/20
TITLE Authorized Signer
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 WIDEFIELD WATER AND SANITATION DISTRICT.

SIGNED [Signature] DATE 11/18/2020
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.

APPROVED
Engineering Department
11/25/2020 12:36:43 PM
Richard L. Schindler
EPC Planning & Community Development Department

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 ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON 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.
BURNSVILLE, MN 55306
PH: 719.570.1100
FAX: 719.570.1100
EMAIL: Rich@ceg.com

DATE: _____
DESCRIPTION: _____
NO: _____

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

PROJECT:
THE HILLS AT LORSON RANCH FILING NO. 1
FONTAINE BLVD - WALLEYS DR
COLORADO SPRINGS, COLORADO

DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

THE HILLS AT LORSON RANCH FILING NO. 1
WATERMAIN / SANITARY SEWER CONSTRUCTION PLANS

DATE: NOV 12, 2020
PROJECT NO: 100.062
SHEET NUMBER: C0.1
TOTAL SHEETS: 40

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.
- ALL BENDS SHALL BE FIELD STAKED PRIOR TO CONSTRUCTION.
- 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 THE CONTRACTOR AT FULL COST OF LABOR AND MATERIALS TO THE CONTRACTOR.

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

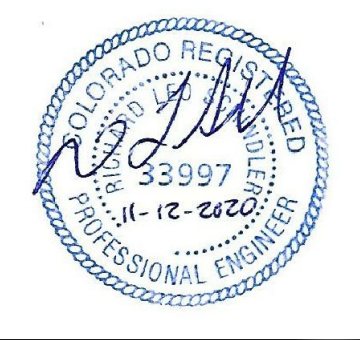
NO.	DESCRIPTION	DATE

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

PROJECT:
THE HILLS AT LORSON RANCH FILING NO. 1
 FONTAINE BLVD - WALLEYE DR
 COLORADO SPRINGS, COLORADO

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

SANITARY SEWER/WATERMAIN NOTES

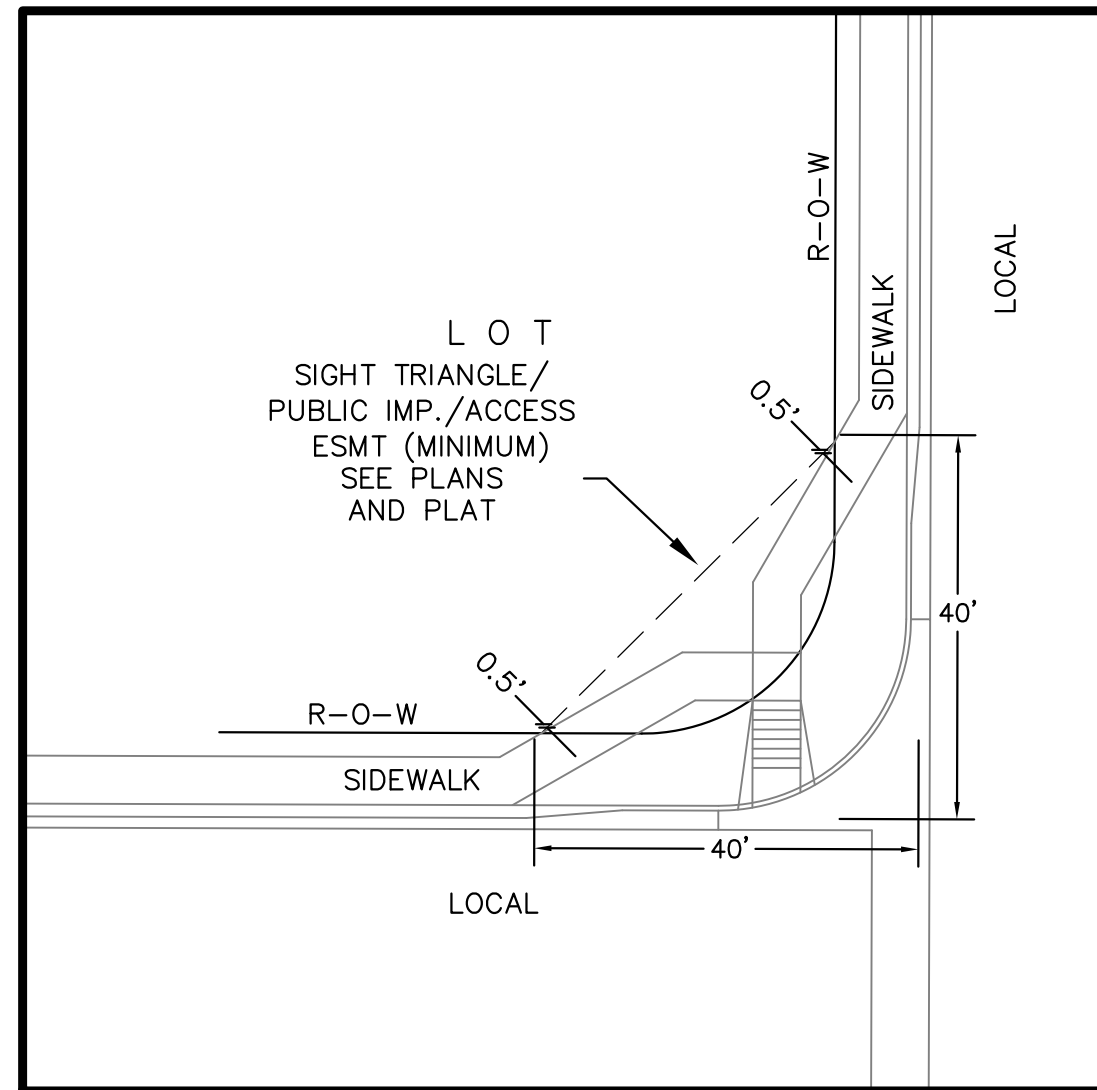


DATE:
NOV 12, 2020

PROJECT NO.
100.062

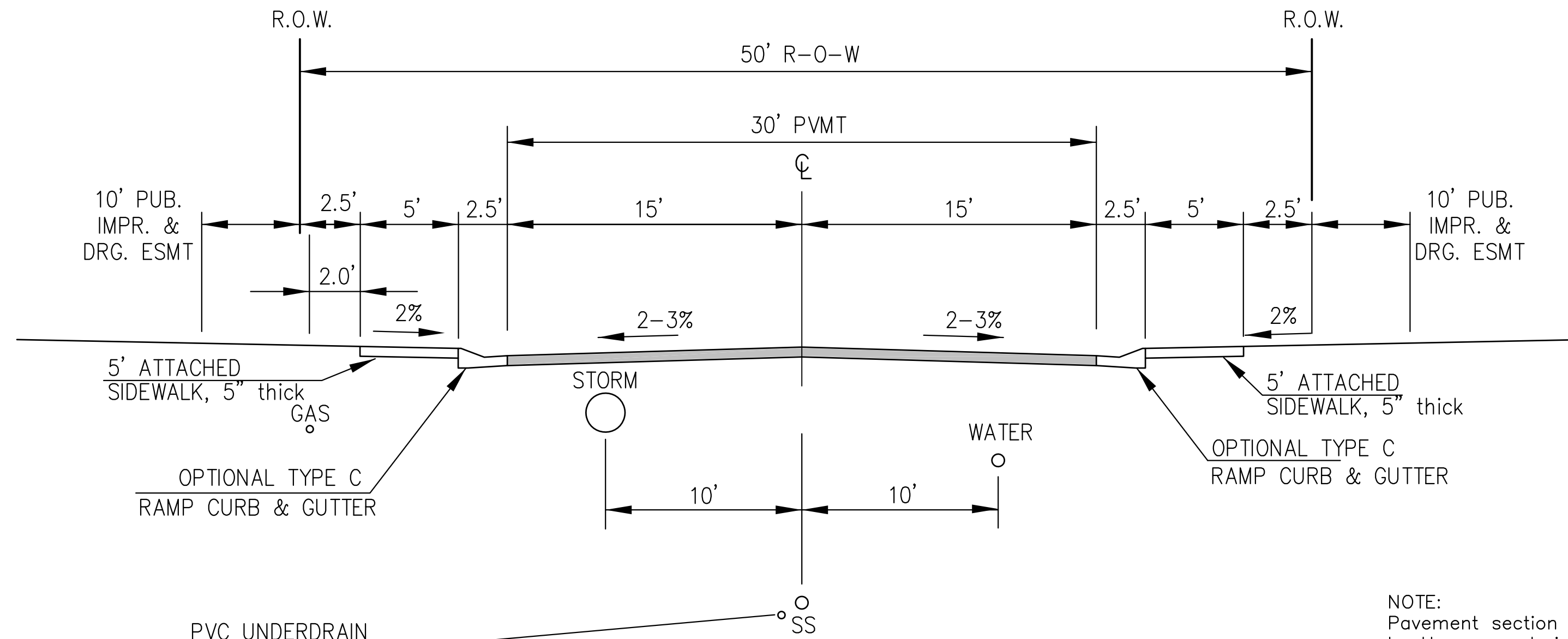
SHEET NUMBER
C1.2

TOTAL SHEETS: 40



**LOCAL ROADWAY SIGHT TRIANGLE
PUBLIC IMPROVEMENT ESMT.**
NOT TO SCALE

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



PVC UNDERDRAIN
SEE SAN SWR/WATERMAIN
CONSTRUCTION PLANS
FOR LOCATION & DETAILS

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

MURRELET DR, BUFFLEHEAD LN, HOUSEFINCH LN, BOBOLINK TR,
ANHINGA CT, YELLOWTHROAT TER, WIGEON WAY, SANDERLING ST,
WHISTLING DUCK WAY, PIPING PLOVER PL, BIG BIRD DR,
GODWIT LN, SCRUB JAY TR, PALAFOXIA PL, RUSHPINK ST,
LAKE TROUT DR, SHADBUSH LN, KITFOX CT, ROUNDTAIL WAY,
SPLAKE ST, SAUGEYE ST, PIKEMINNOW PL, BROOKTROUT TR,
WIPER WAY

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

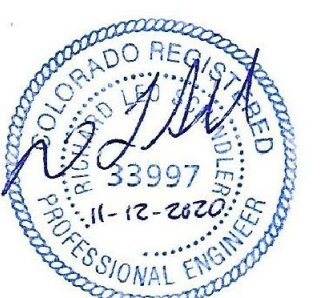
**CORE
ENGINEERING GROUP**
15004 1ST AVENUE S.
BURNSVILLE, MN 55306
PH: 719.570.1100
CONTACT: RICHARD L. SCHINDLER, P.E.
EMAIL: Rich@cegi.com

DATE: _____
DESCRIPTION: _____
NO. _____
PREPARED FOR:
LORSON, LLC
212 N. WASHACH AVE., SUITE 301
COLORADO SPRINGS, CO 80903
CONTACT: JEFF MARK

PROJECT:
**THE HILLS AT LORSON
RANCH FILING NO. 1**
FONTAINE BLVD - WALLEYE DR
COLORADO SPRINGS, COLORADO

DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

TYPICAL SECTIONS

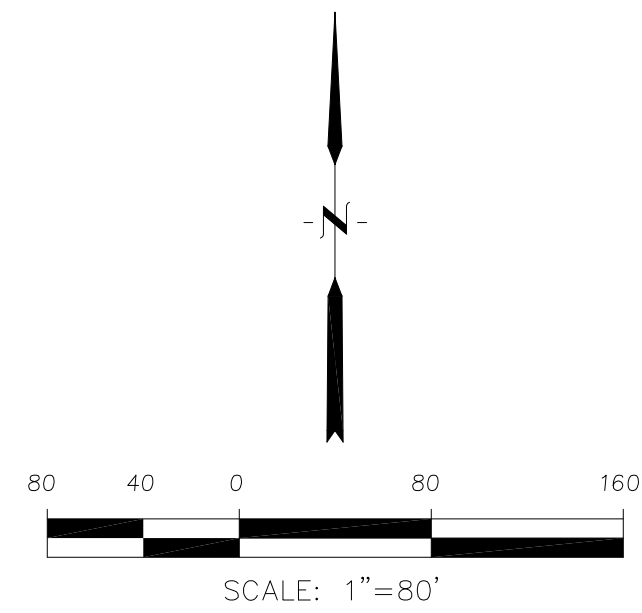


DATE:
NOV 12, 2020

PROJECT NO.
100.062

SHEET NUMBER
C1.3

TOTAL SHEETS: 40

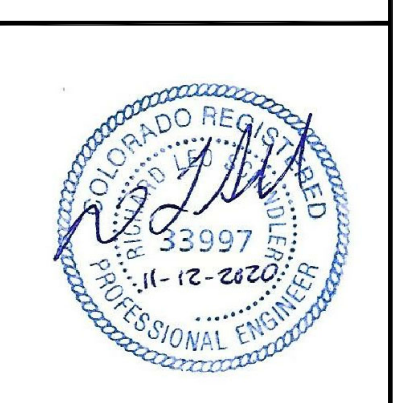


CORE
ENGINEERING GROUP
 15004 1ST AVENUE S,
 BIRCH CREEK, CO 80150
 PH: 303.791.1100
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@ceg1.com

DATE: _____
 DESCRIPTION: _____
 NO: _____
 PROJECT: THE HILLS AT LORSON RANCH FILING NO. 1
 FOR NAME: WALLECH 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

THE HILLS AT LORSON RANCH FIL. NO. 1
AREA 'B'
HORIZONTAL CONTROL PLAN

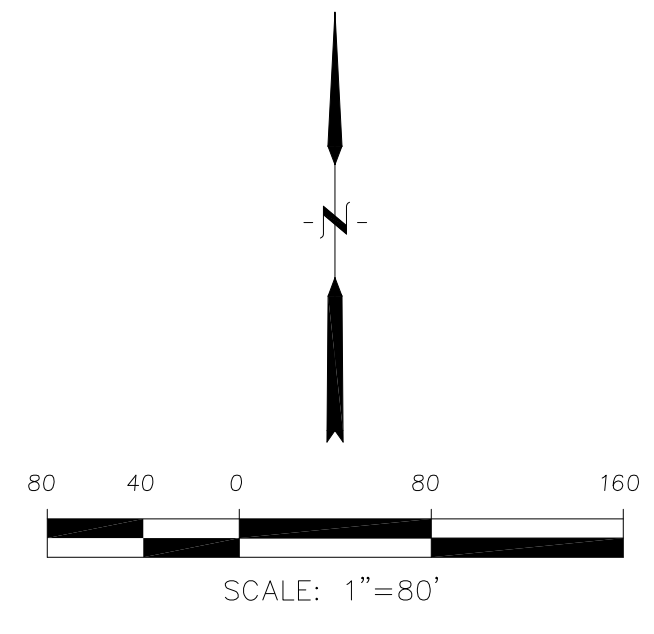
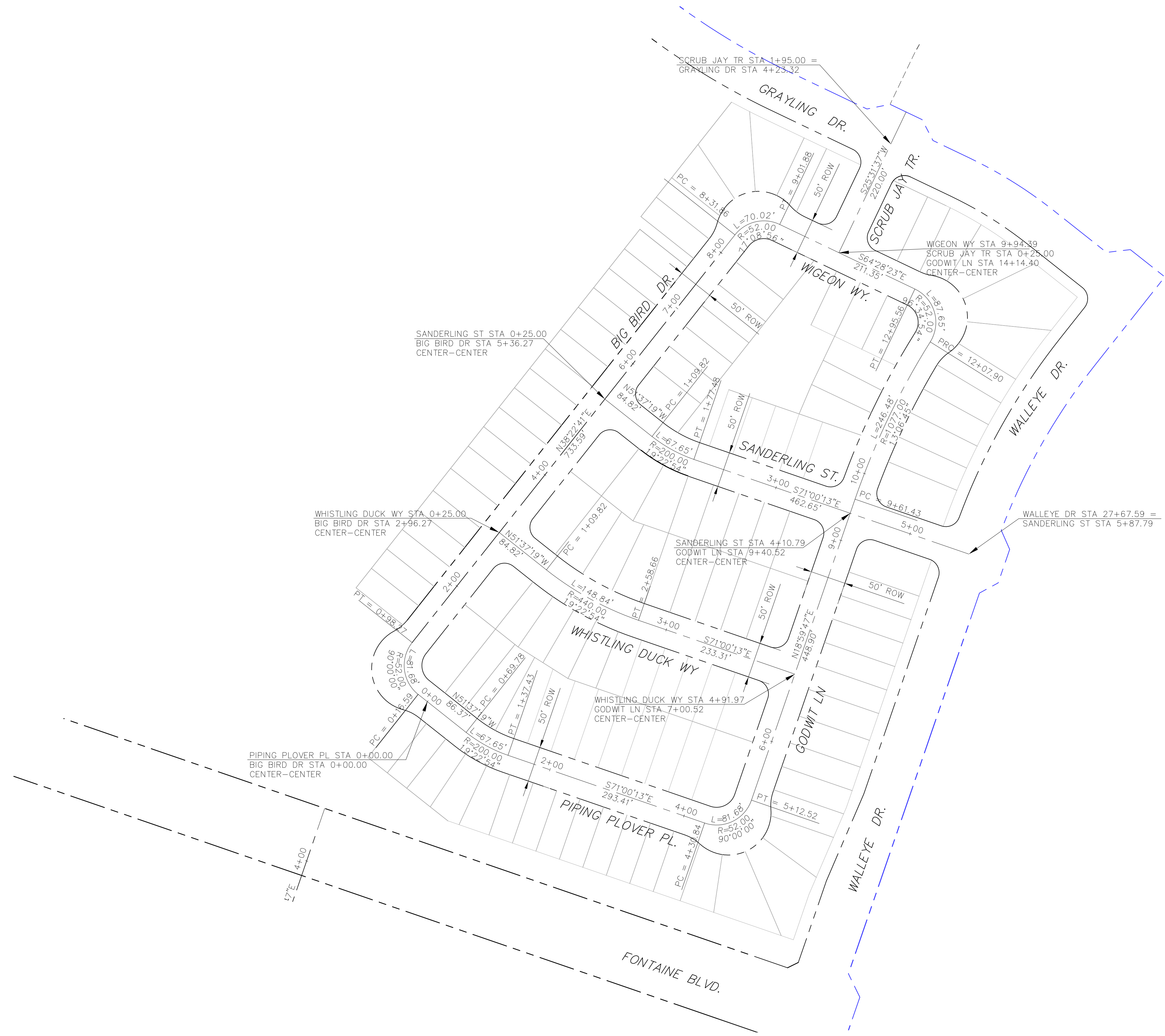


DATE:
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PROJECT NO.
 100.062

SHEET NUMBER
C2.1

TOTAL SHEETS: 40

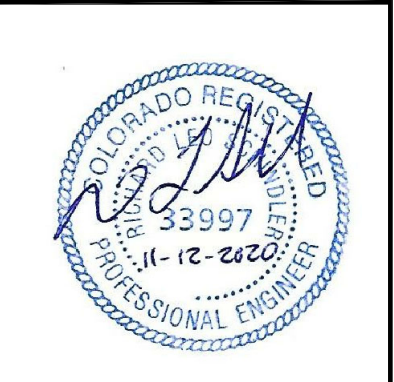


CORE ENGINEERING GROUP
 15004 1ST AVENUE S,
 BIRCH CREEK, CO 80150
 PH: 303.719.5700
 CONTACT: RICHARD L. SCHINDLER, P.E.
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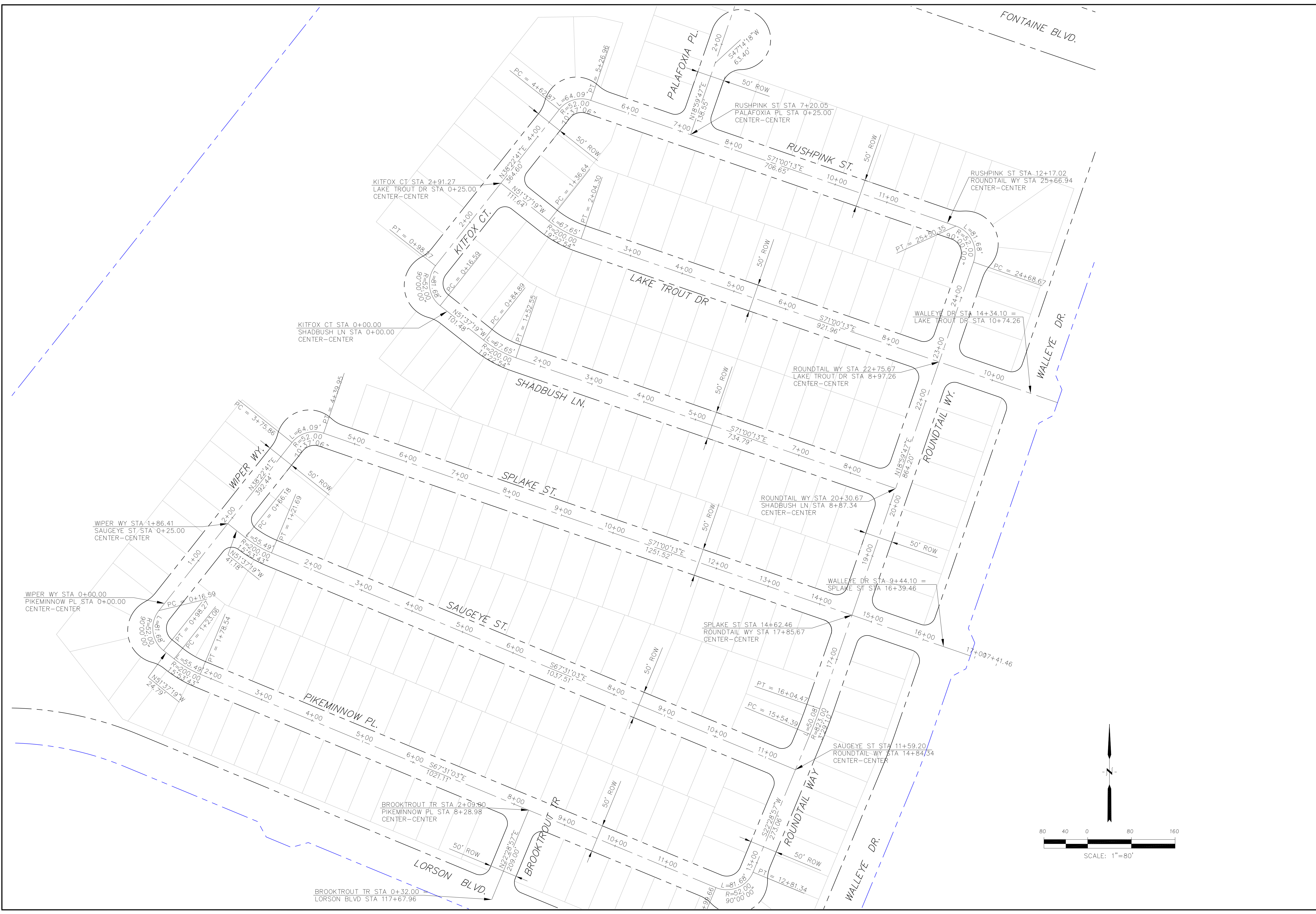
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 COLORADO SPRINGS, COLORADO 80903
 (719) 635-3200
 CONTACT: JEFF MARK

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

THE HILLS AT LORSON RANCH FIL. NO. 1
AREA 'C'
HORIZONTAL CONTROL PLAN



DATE:
 NOV 12, 2020
 PROJECT NO.
 100.062
 SHEET NUMBER
C2.2
 TOTAL SHEETS: 40

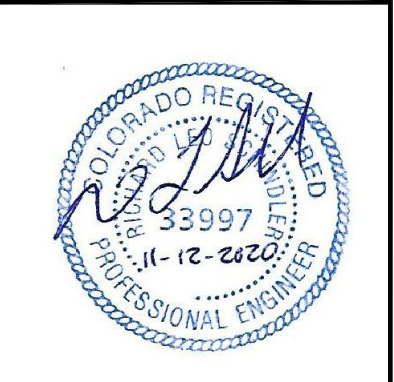


CORE
ENGINEERING GROUP
 15004 1ST AVENUE S,
 BIRCHWOOD, CO 80506
 PH: 719.570.1100
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@cegi.com

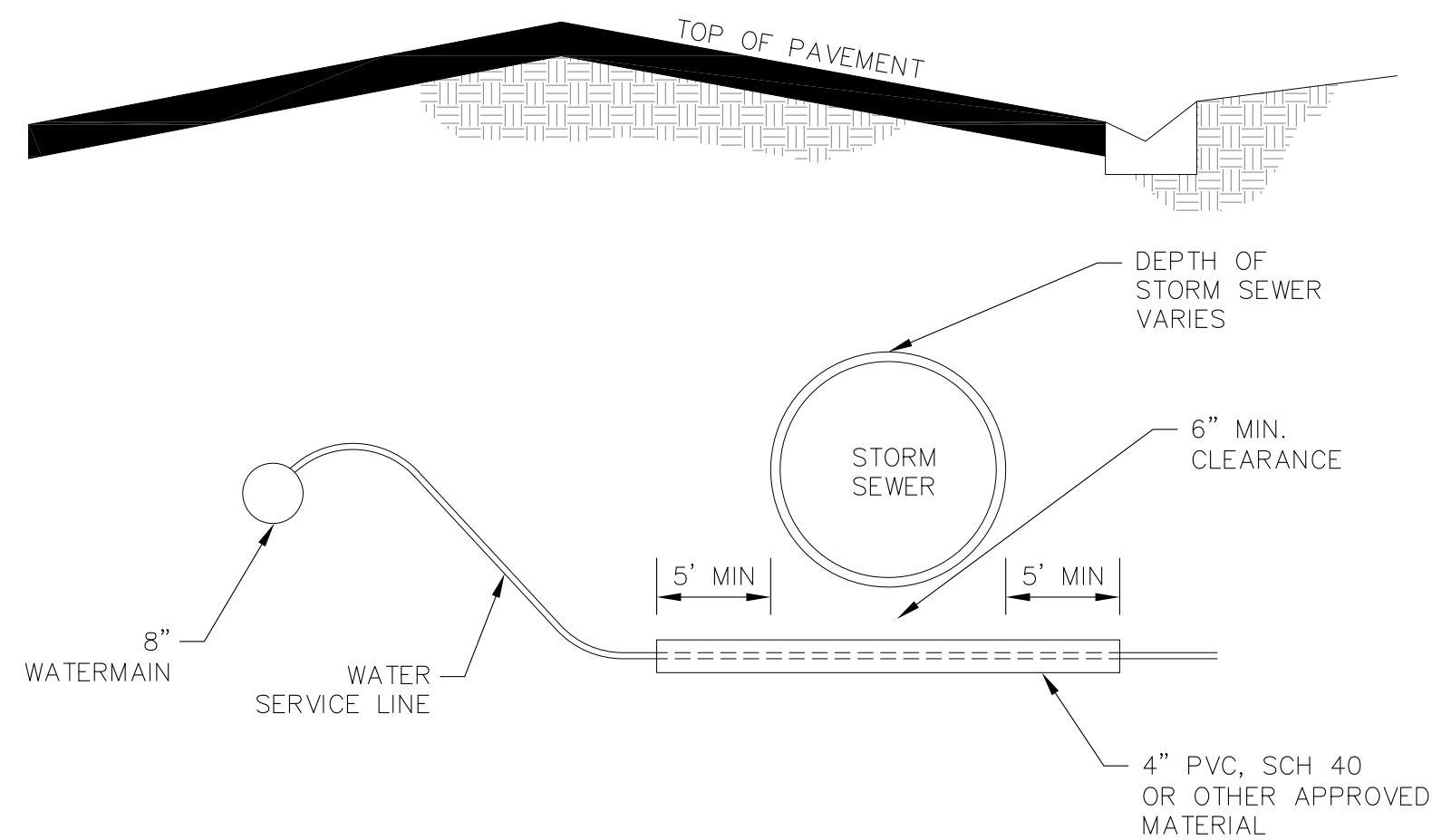
DATE: _____
 DESCRIPTION: _____
 NO: _____
 PREPARED FOR:
LORSON, LLC
 212 N. WAHSATCH AVE, SUITE 301
 COLORADO SPRINGS, COLORADO 80903
 PROJECT:
THE HILLS AT LORSON
 RANCH FILING NO. 1
 FONTAINE BLVD, WALLEYE DR
 COLORADO SPRINGS, COLORADO
 CONTACT: JEFF MARK

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

THE HILLS AT LORSON RANCH FIL. NO. 1
AREA 'E' & 'G'
HORIZONTAL CONTROL PLAN

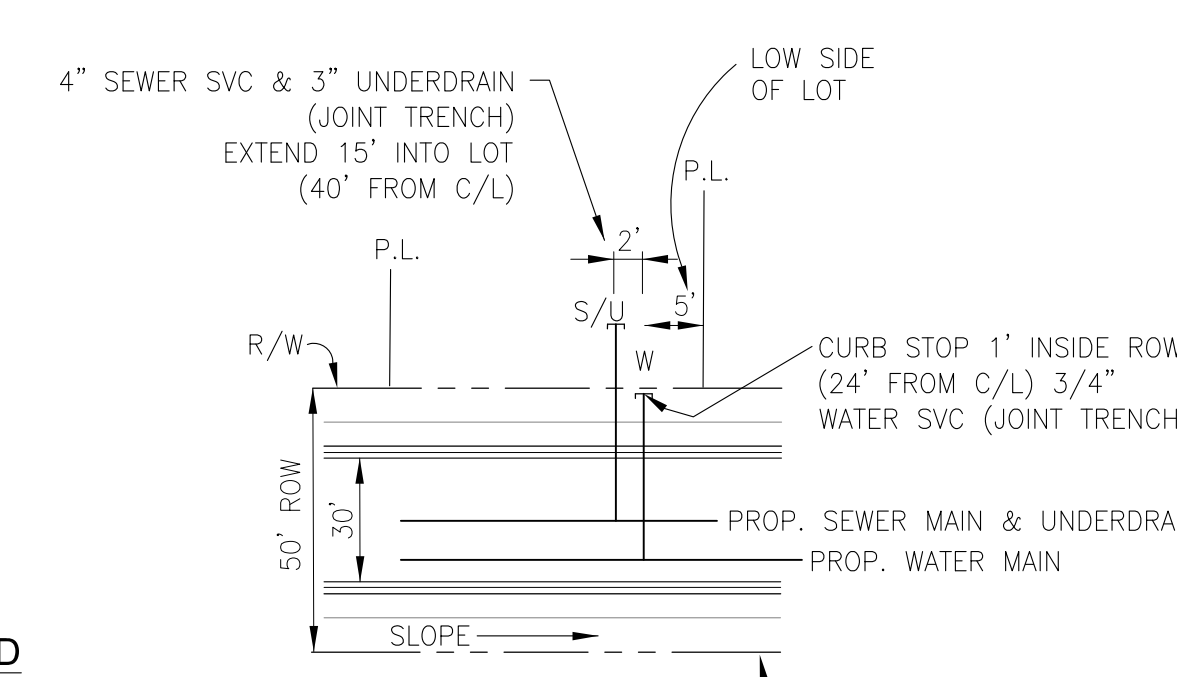
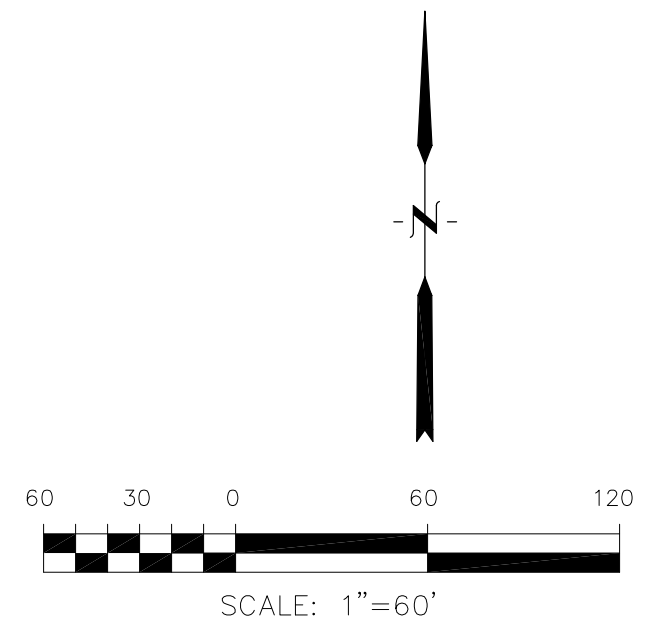
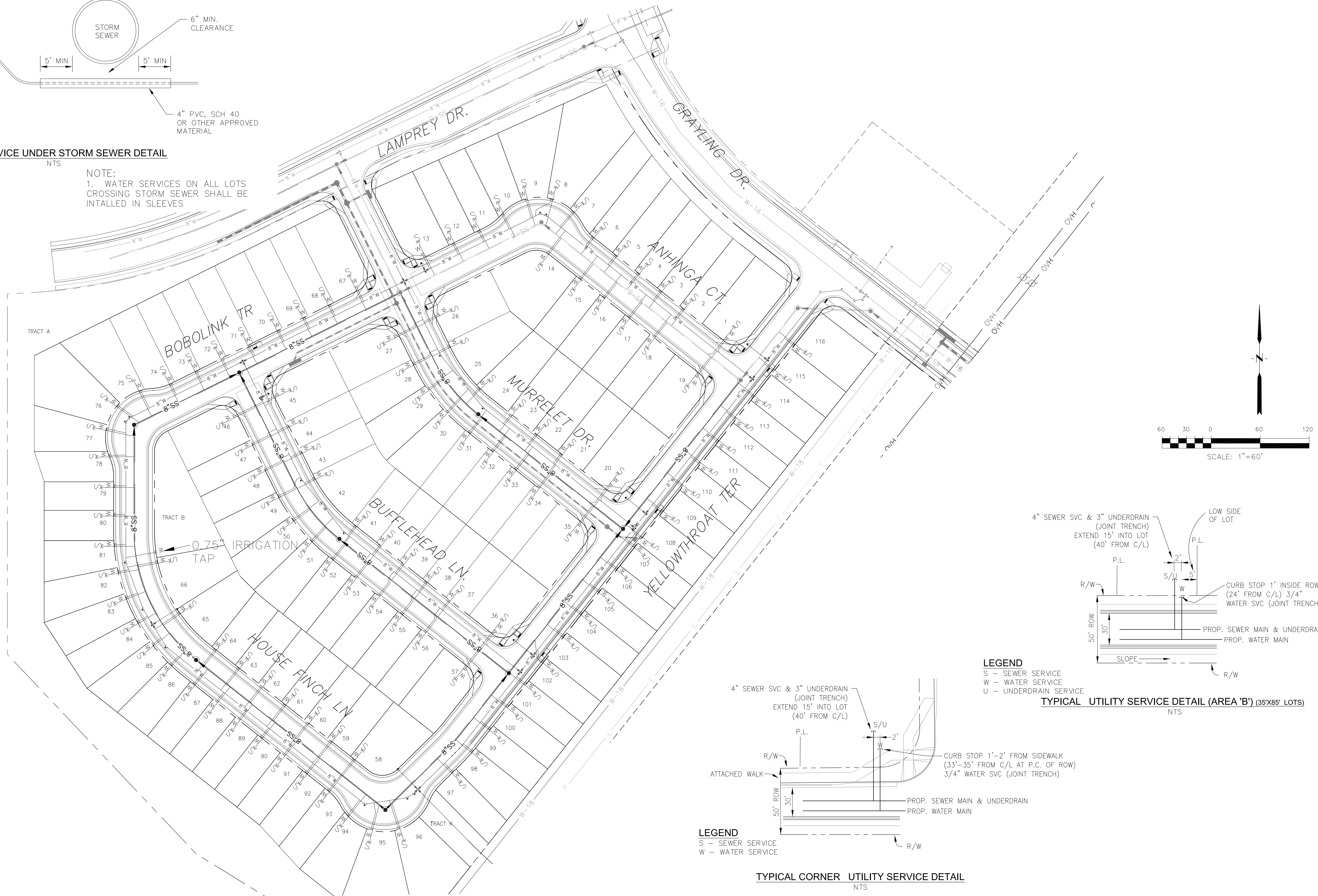


DATE:
 NOV 12, 2020
 PROJECT NO.
 100.062
 SHEET NUMBER
C2.3
 TOTAL SHEETS: 40

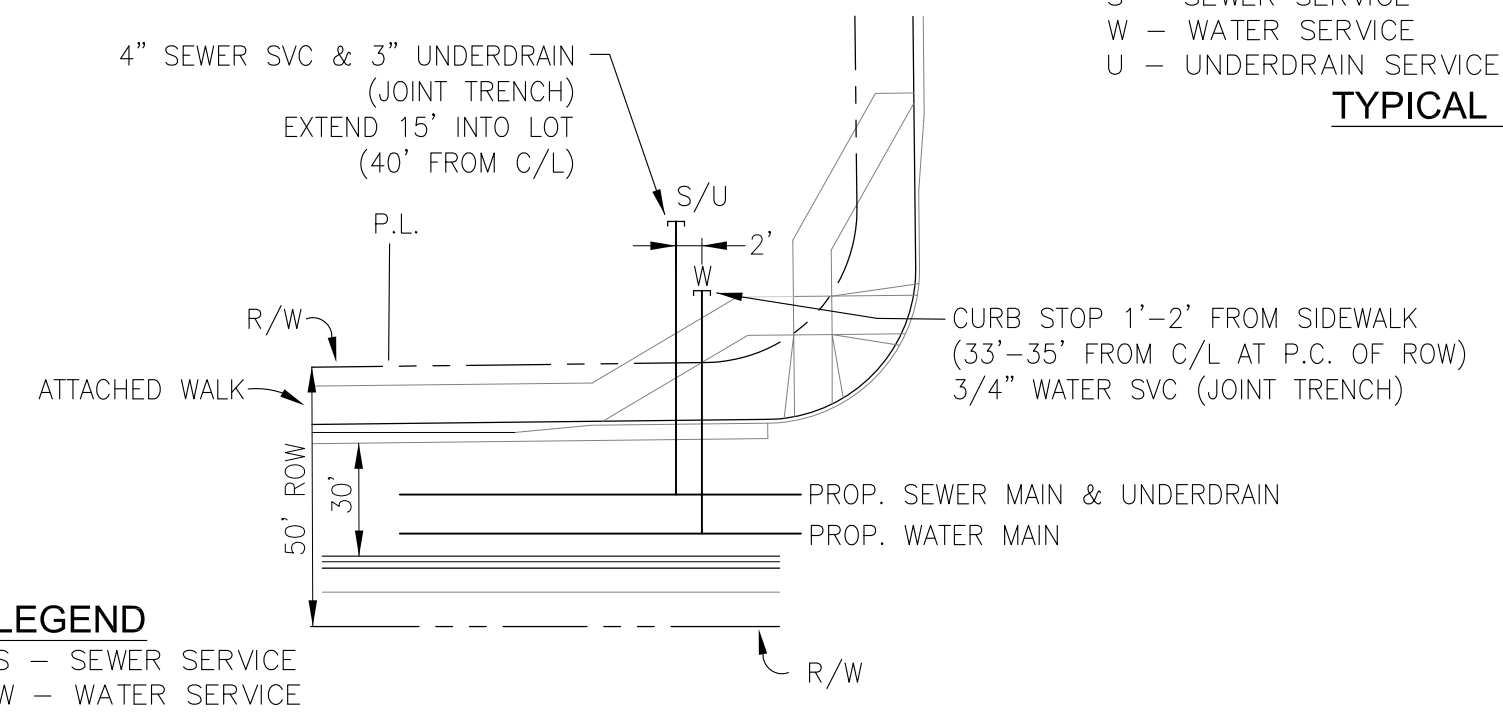


WATER SERVICE UNDER STORM SEWER DETAIL
NTS

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



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



LEGEND
S - SEWER SERVICE
W - WATER SERVICE

TYPICAL CORNER UTILITY SERVICE DETAIL
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. _____
PROJECT: **LORSON, LLC**
212 N. WAHSATCH AVE. SUITE 301
COLORADO SPRINGS, COLORADO 80903
CONTACT: JEFF MARK

PREPARED FOR: **THE HILLS AT LORSON RANCH FILING NO. 1**
FONTAINE BLVD - WALLEYE DR
COLORADO SPRINGS, COLORADO

DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

THE HILLS AT LORSON RANCH FIL NO. 1
AREA 'B'
UTILITY SERVICES PLAN

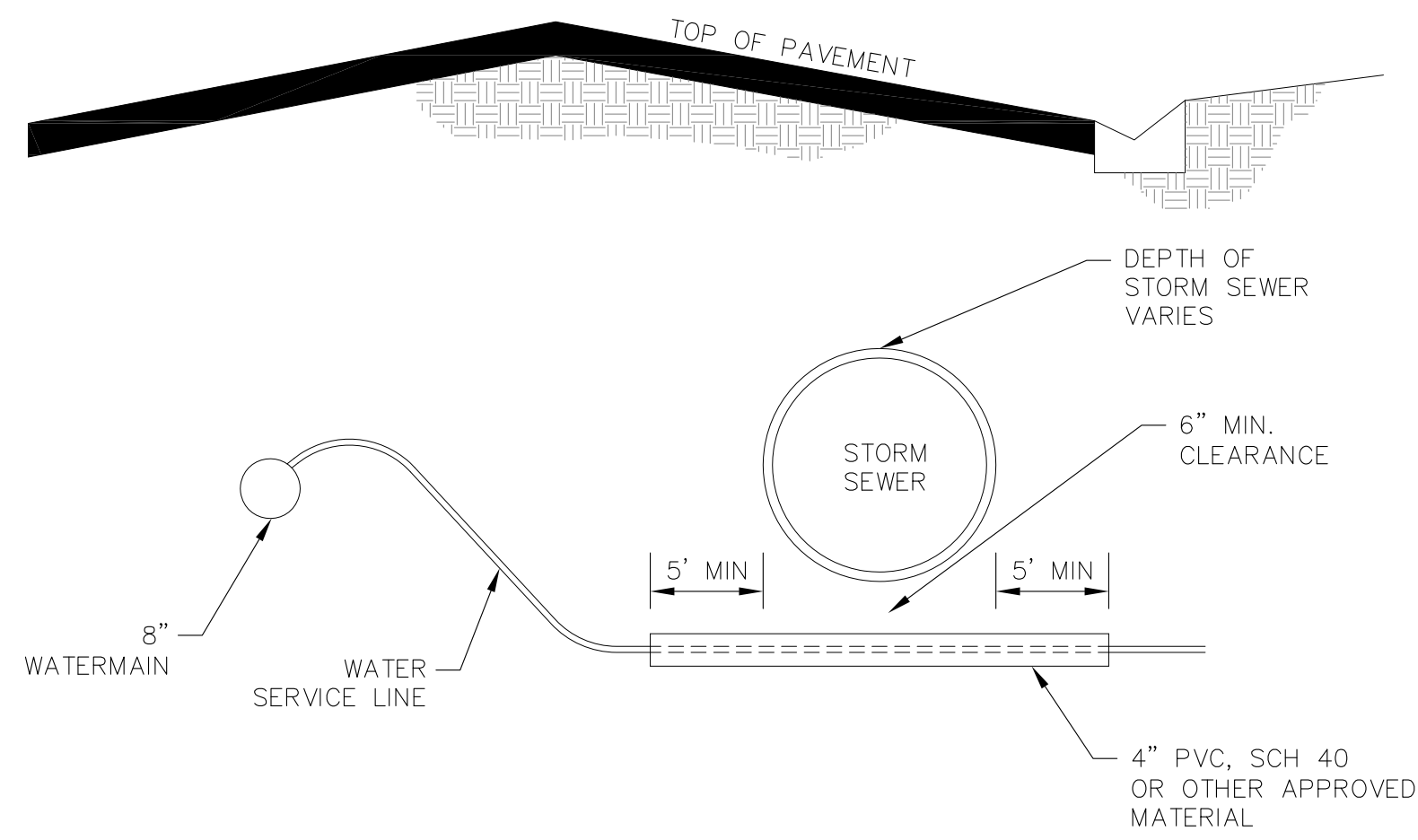


DATE: **NOV 12, 2020**

PROJECT NO. **100.062**

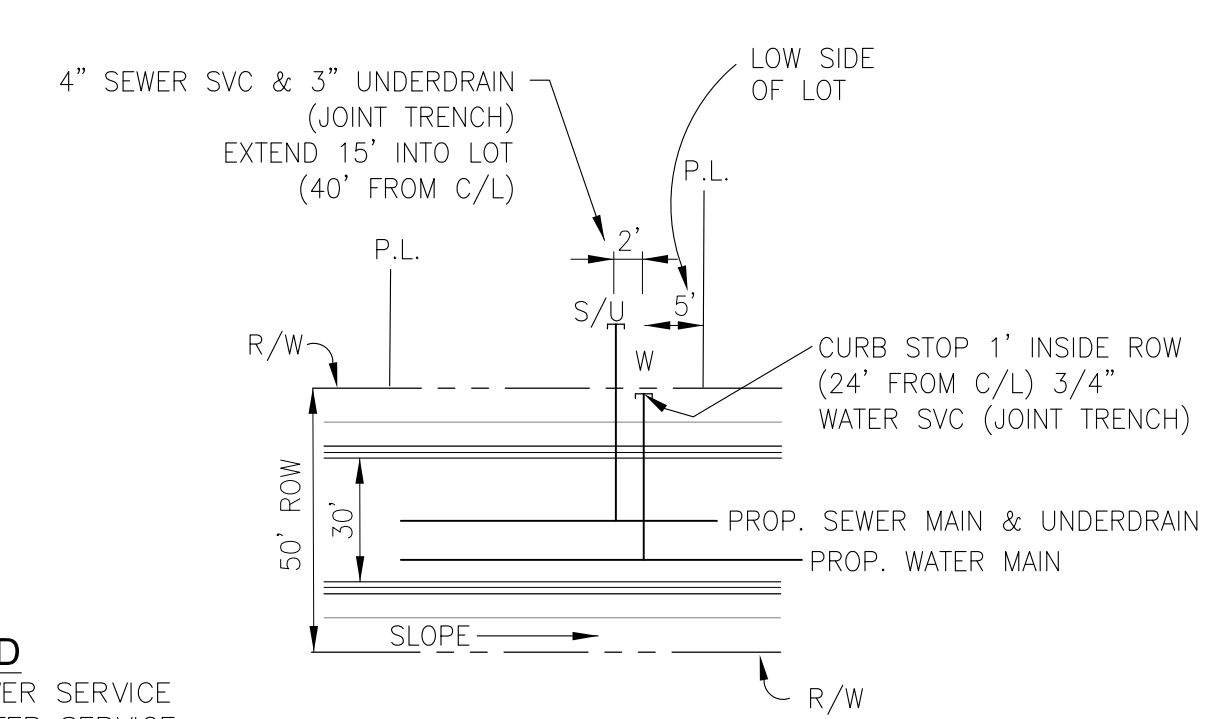
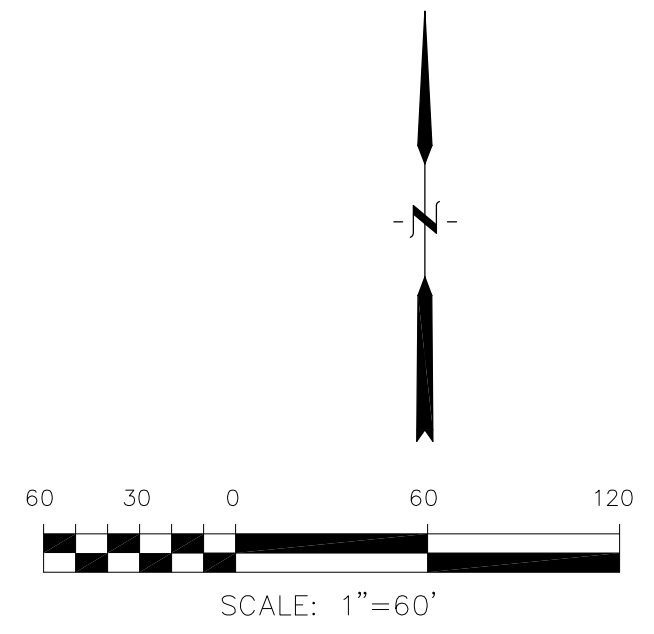
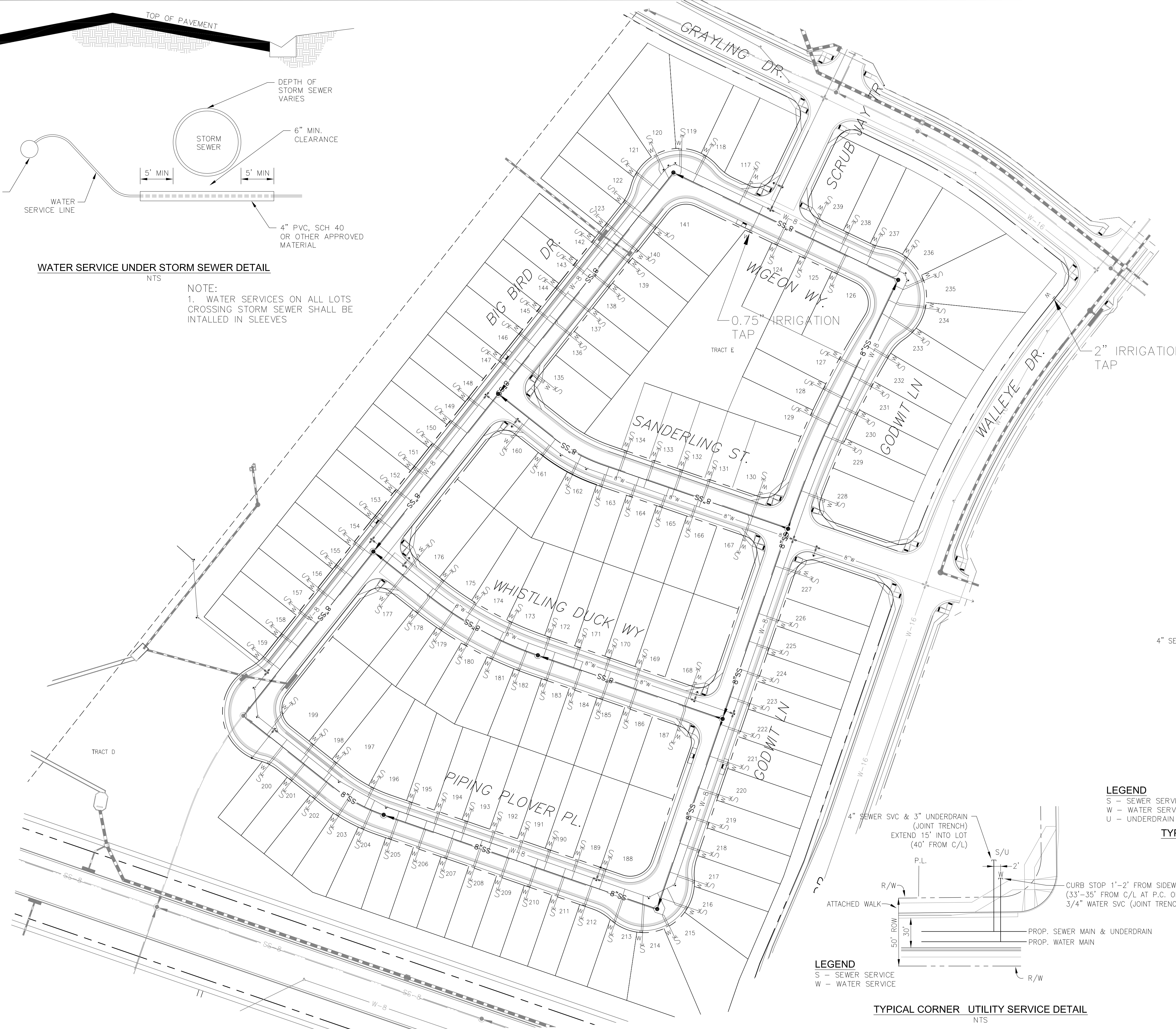
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TOTAL SHEETS: 40



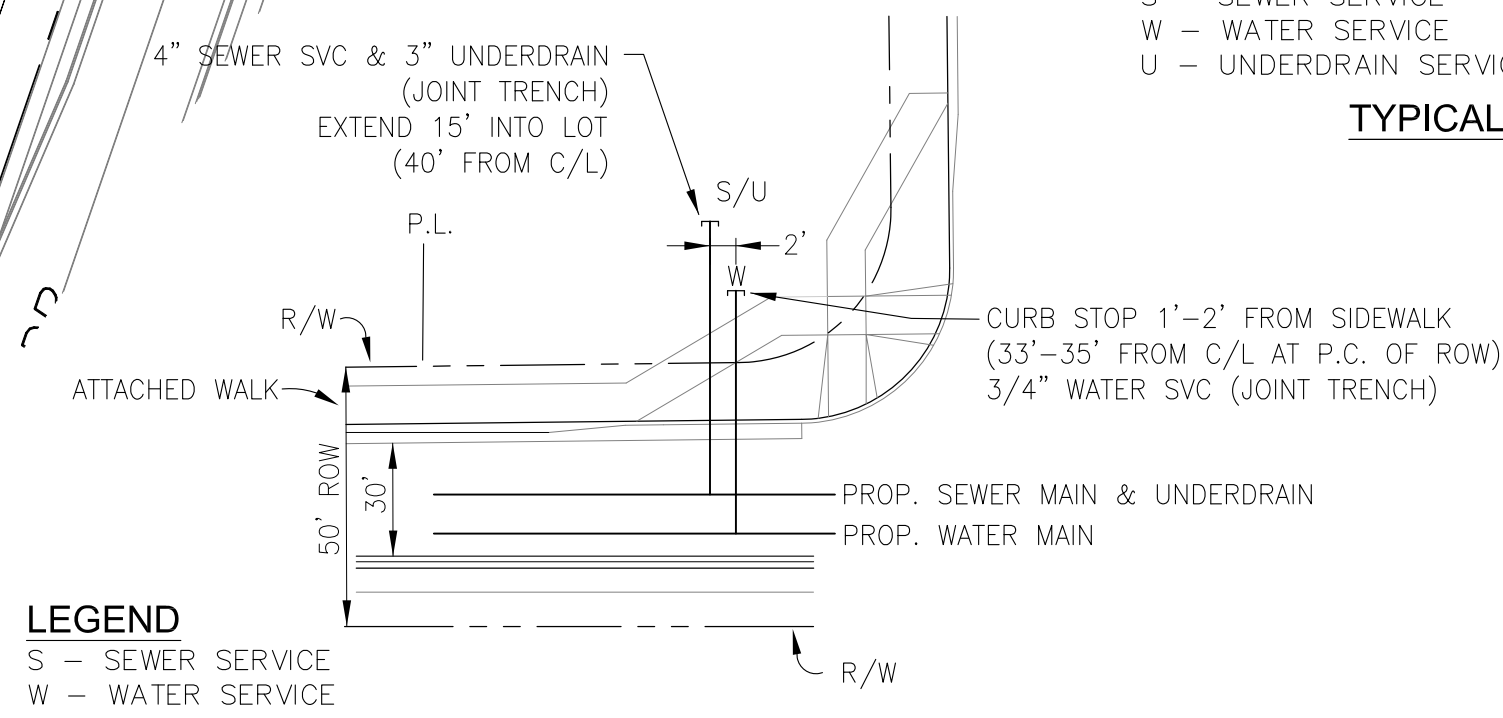
WATER SERVICE UNDER STORM SEWER DETAIL
NTS

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



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

TYPICAL UTILITY SERVICE DETAIL (AREA 'C') (35'x85' LOTS)
NTS



LEGEND
S - SEWER SERVICE
W - WATER SERVICE

TYPICAL CORNER UTILITY SERVICE DETAIL
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. _____
PREPARED FOR: **LORSON, LLC**
212 N. WAHSATCH AVE. SUITE 301
COLORADO SPRINGS, COLORADO 80903
CONTACT: JEFF MARK

PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
FONTAINE BLVD - WALLEYE DR
COLORADO SPRINGS, COLORADO

DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

THE HILLS AT LORSON RANCH FIL NO. 1
AREA 'C'
UTILITY SERVICES PLAN

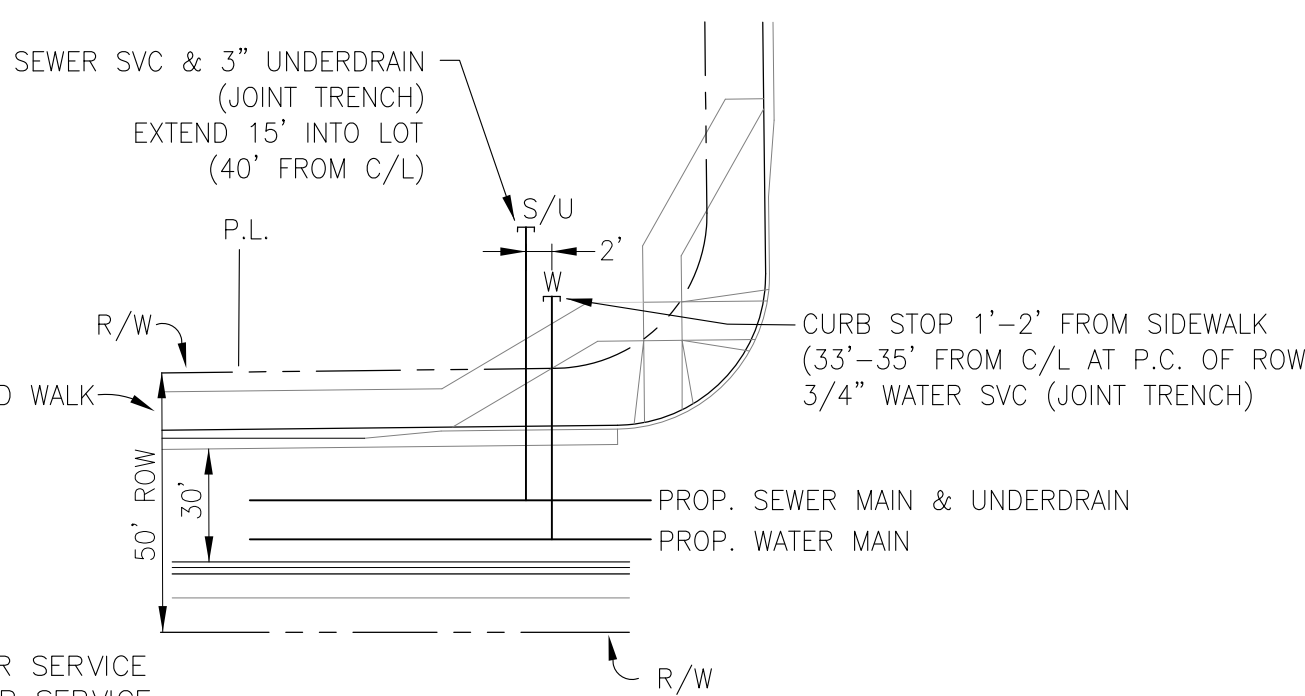
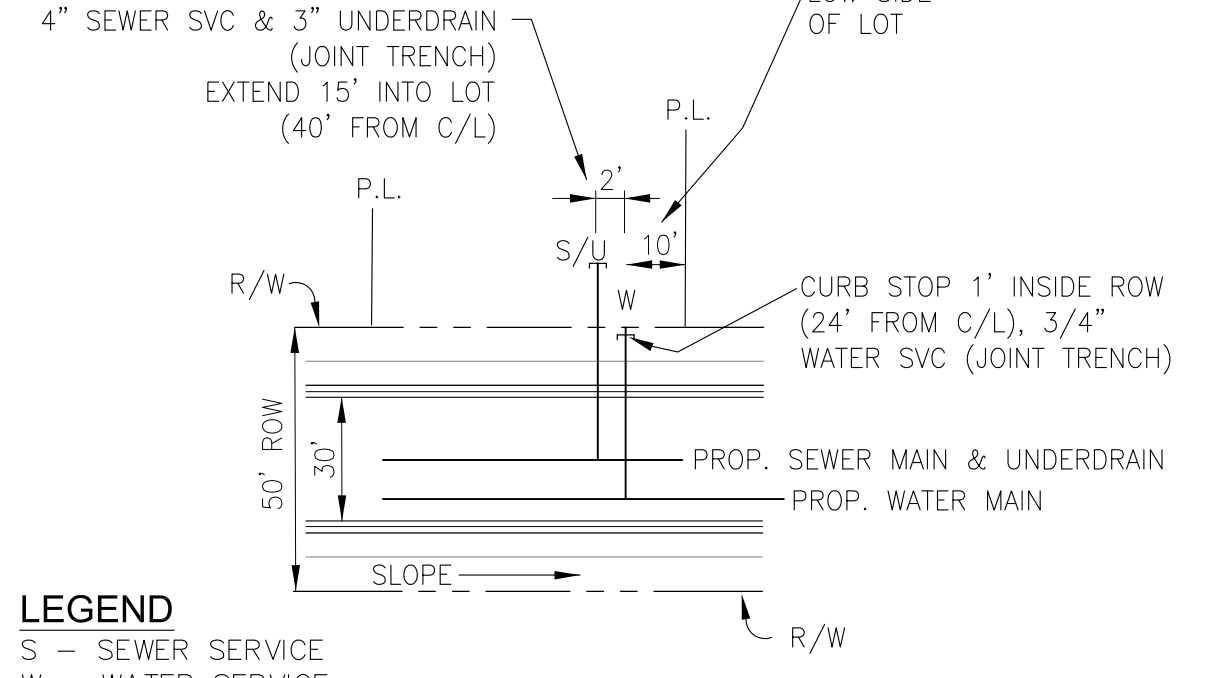
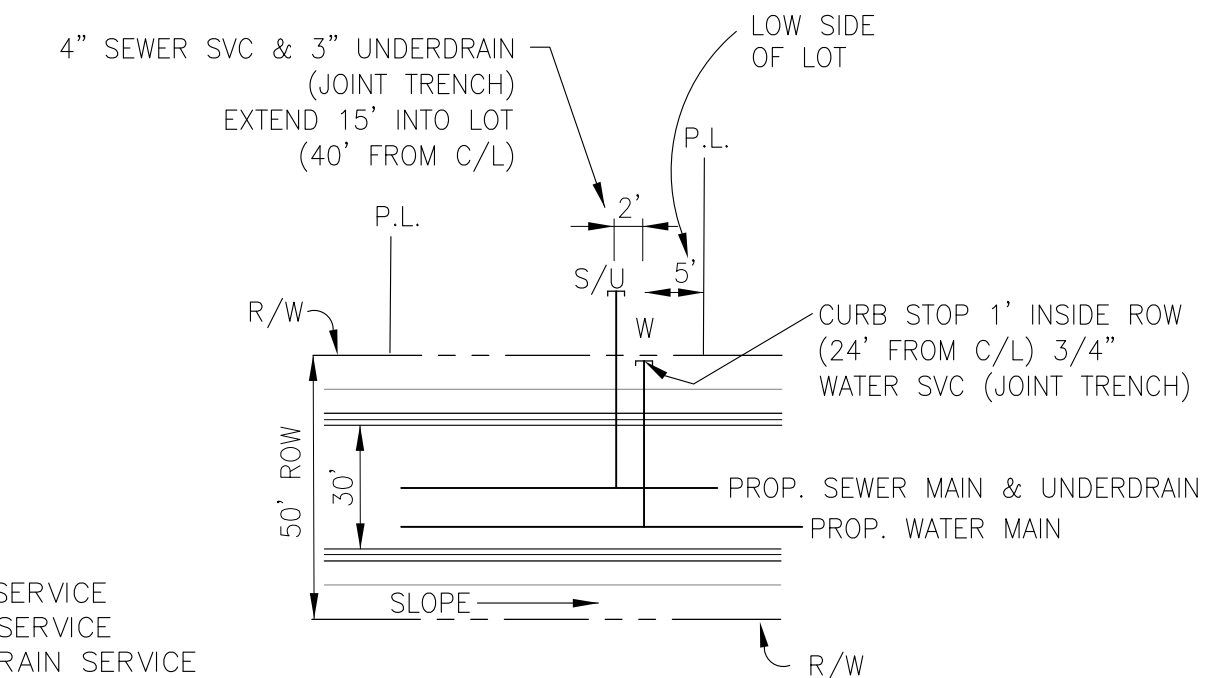
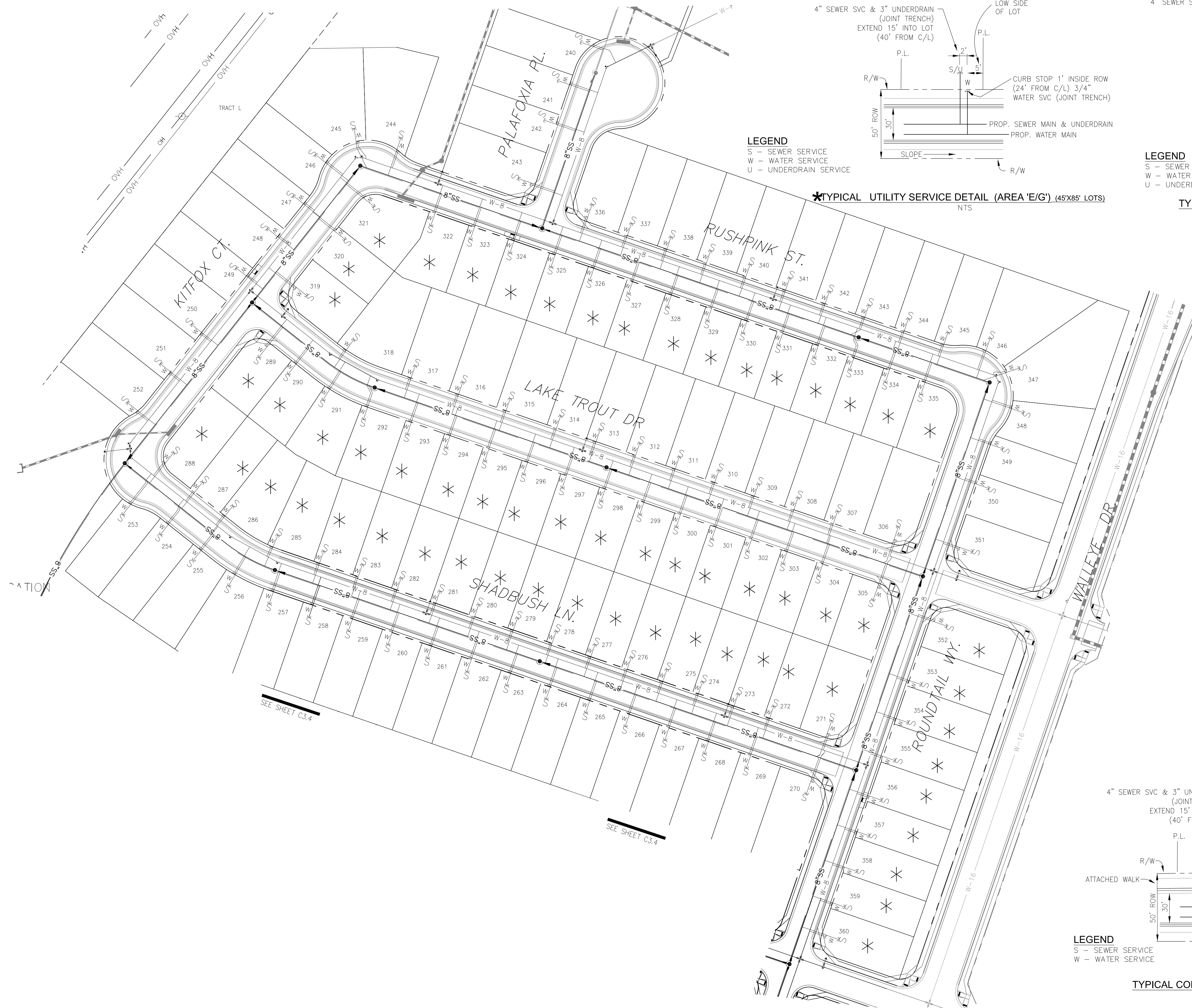


DATE: NOV 12, 2020

PROJECT NO. 100.062

SHEET NUMBER **C3.2**

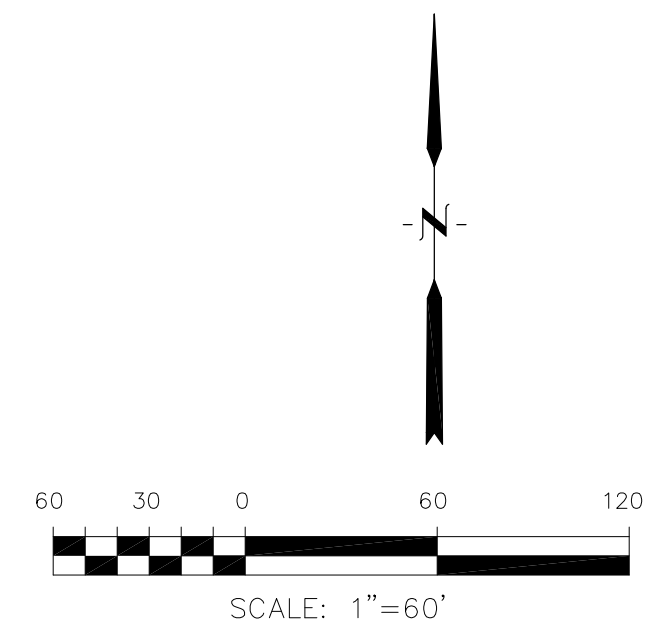
TOTAL SHEETS: 40



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

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

LEGEND
 S - SEWER SERVICE
 W - WATER SERVICE



SEE SHEET C3.4

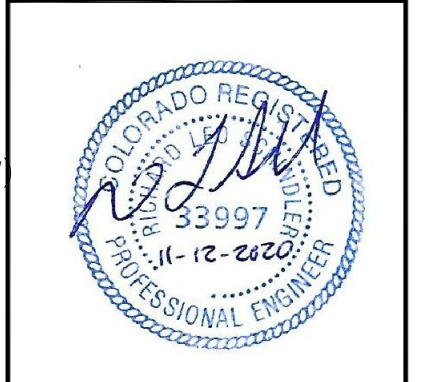
SEE SHEET C3.4

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

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

THE HILLS AT LORSON RANCH FIL NO. 1
AREA 'E/G'
UTILITY SERVICES PLAN

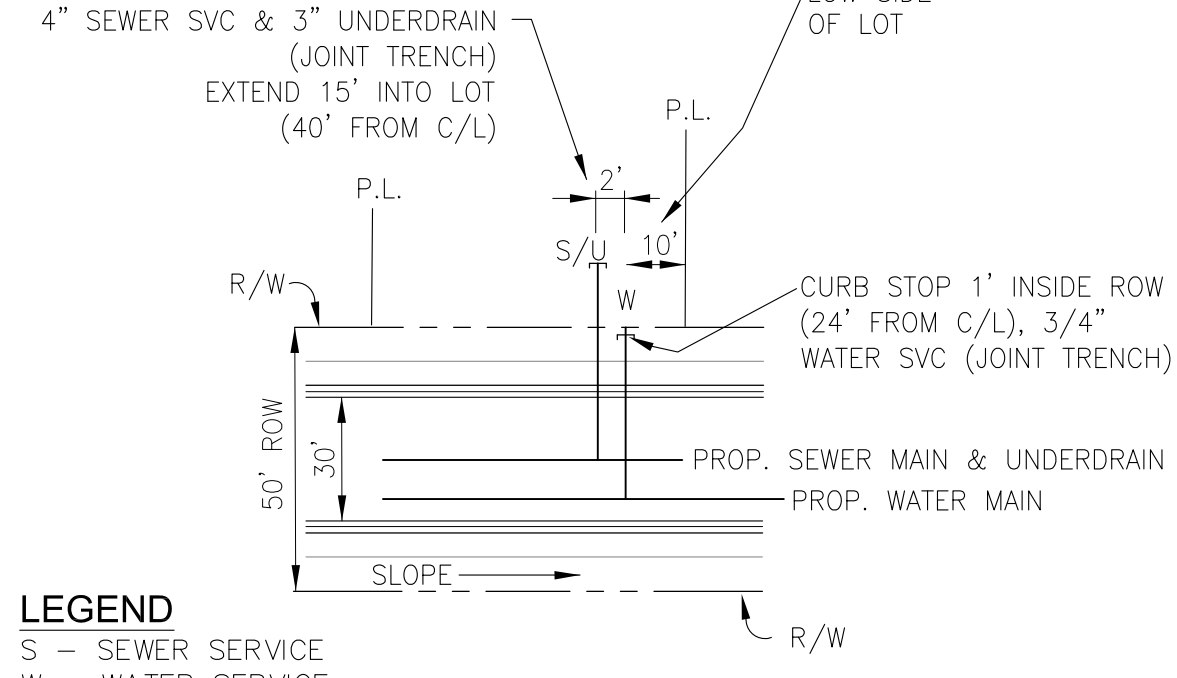
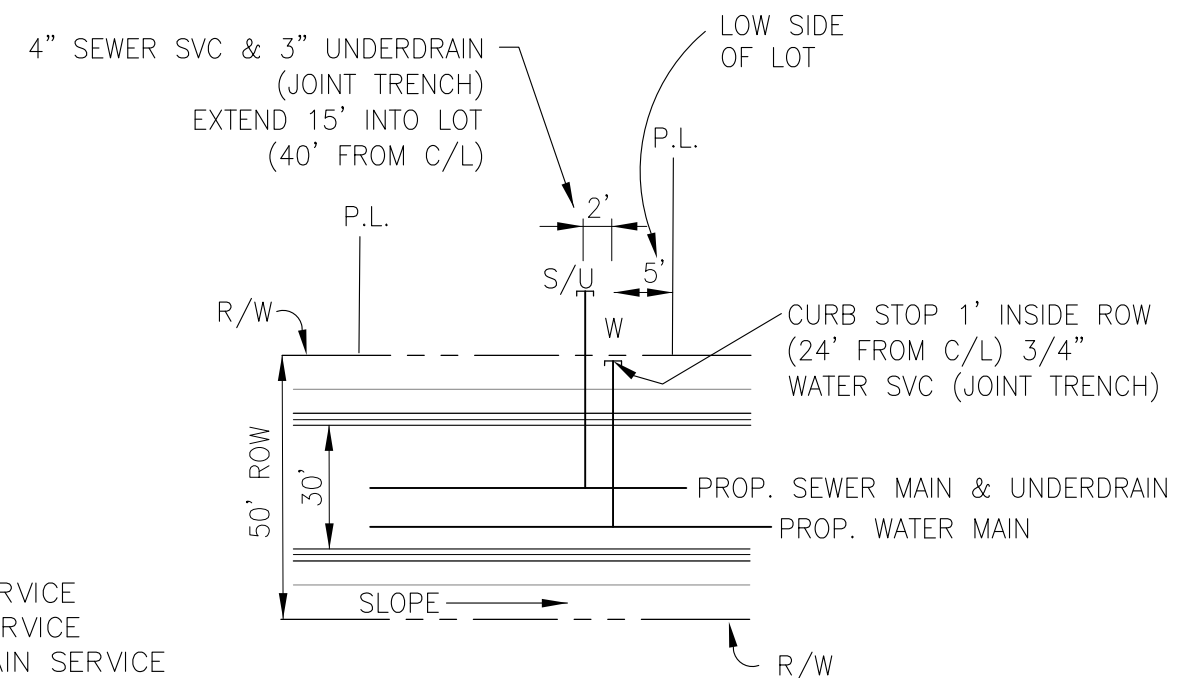
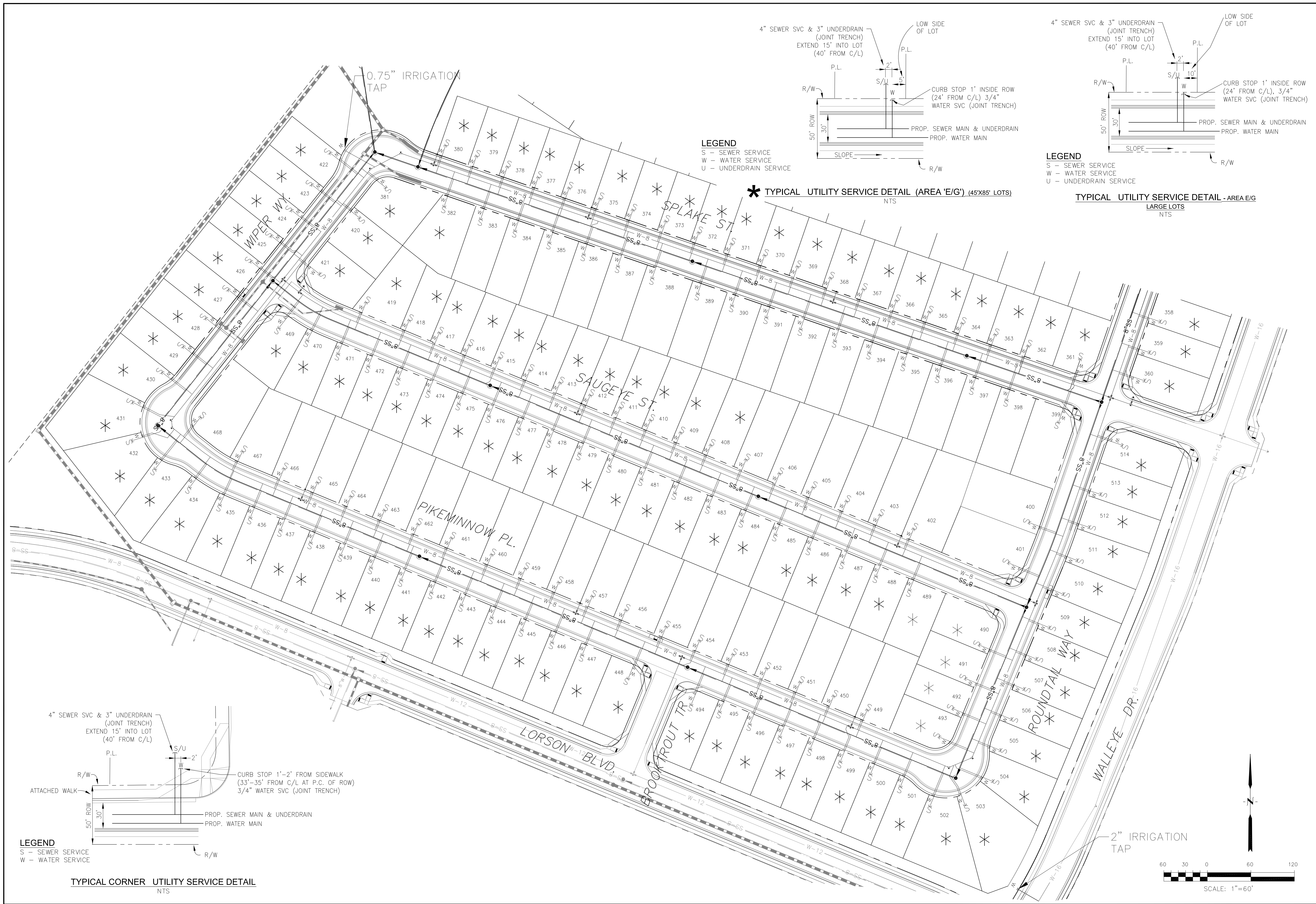


DATE: NOV 12, 2020

PROJECT NO. 100.062

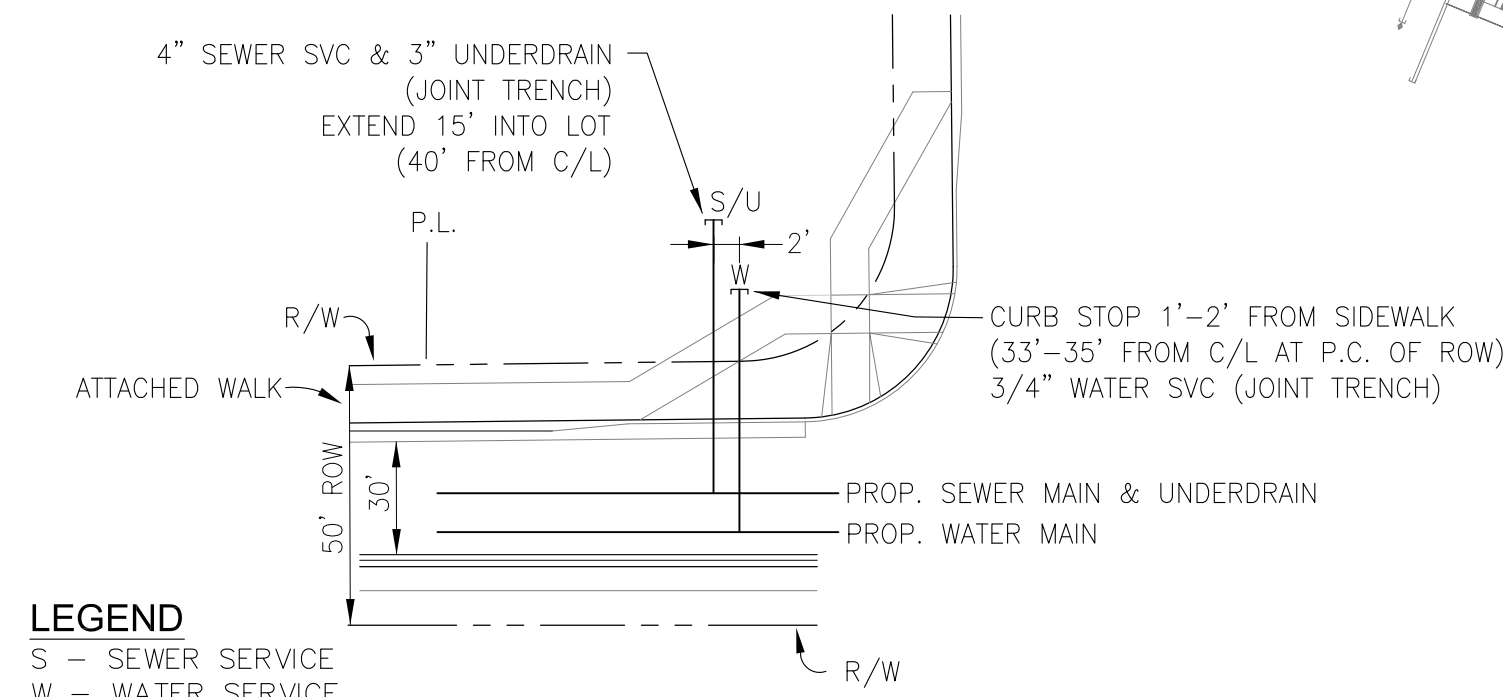
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TOTAL SHEETS: 40



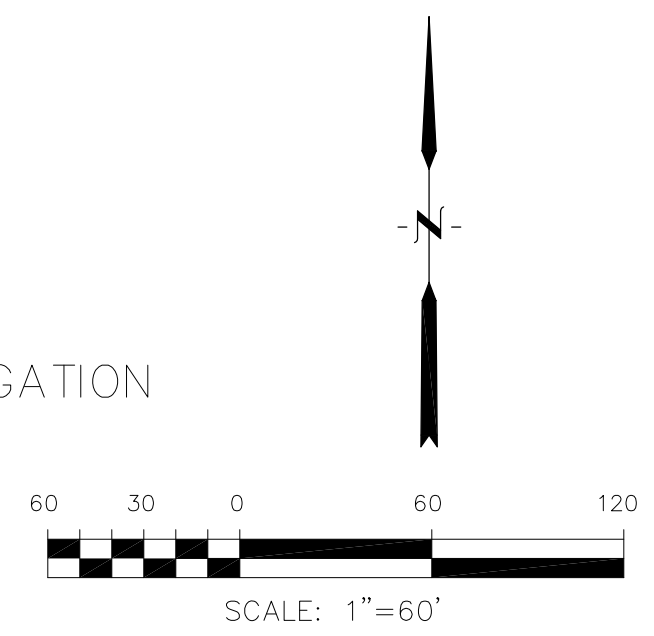
LEGEND
 S - SEWER SERVICE
 W - WATER SERVICE
 U - UNDERDRAIN SERVICE

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



LEGEND
 S - SEWER SERVICE
 W - WATER SERVICE

TYPICAL CORNER UTILITY SERVICE DETAIL
 NTS



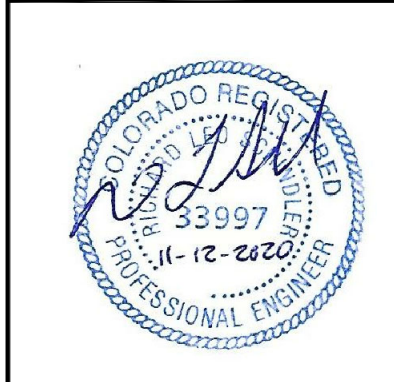
CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BURNSVILLE, MN 55306
 PH: 719.579.1100
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: rich@cegi.com

DATE: _____
 DESCRIPTION: _____
 NO. _____

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

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

THE HILLS AT LORSON RANCH FIL NO. 1
AREA 'E/G'
UTILITY SERVICES PLAN



DATE:
 NOV 12, 2020

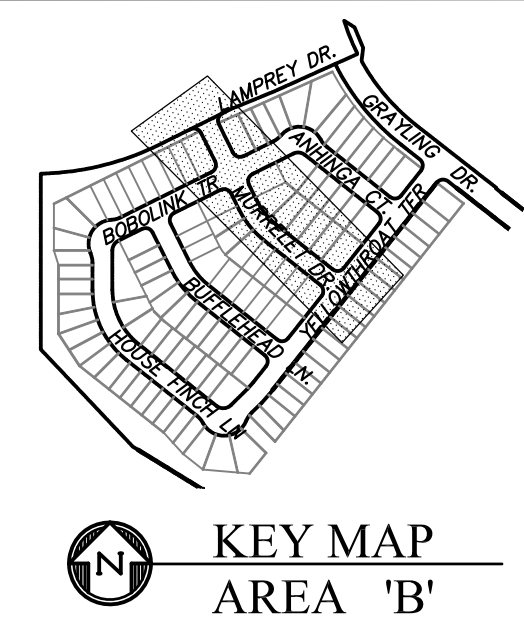
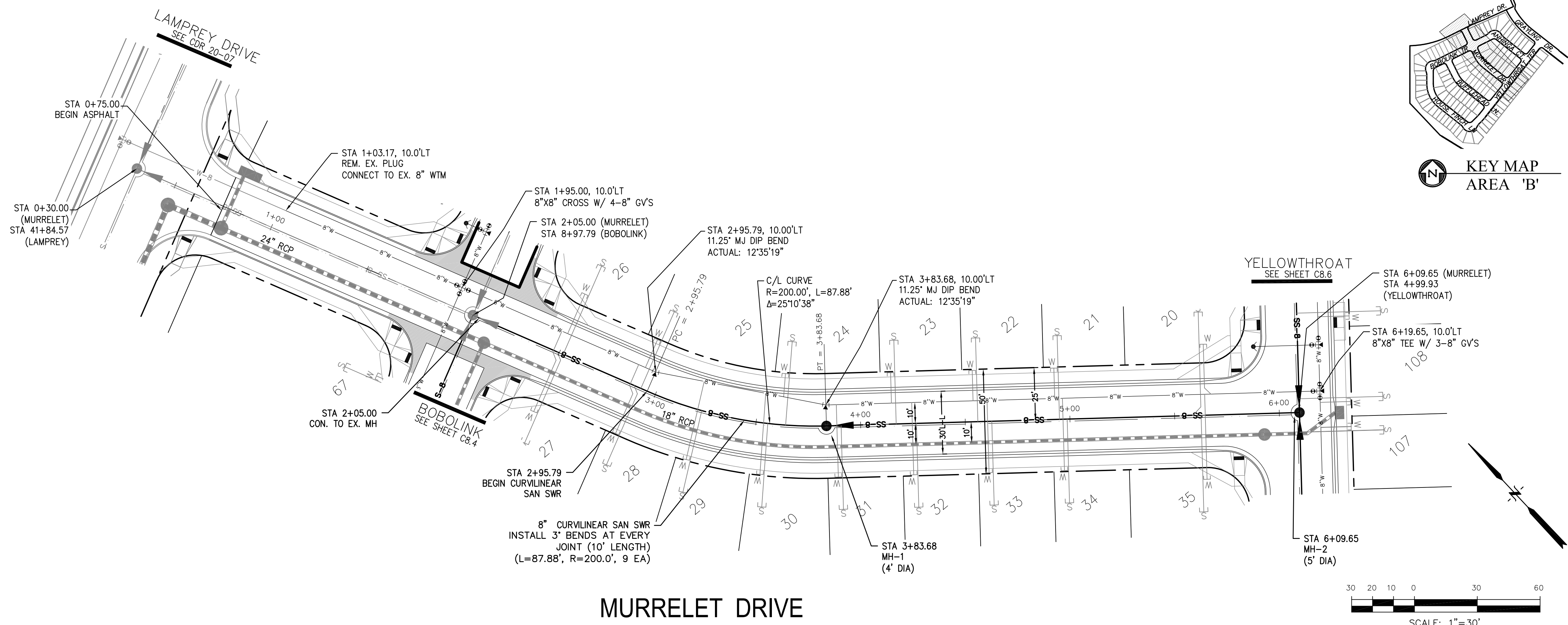
PROJECT NO.
 100.062

SHEET NUMBER
C3.4

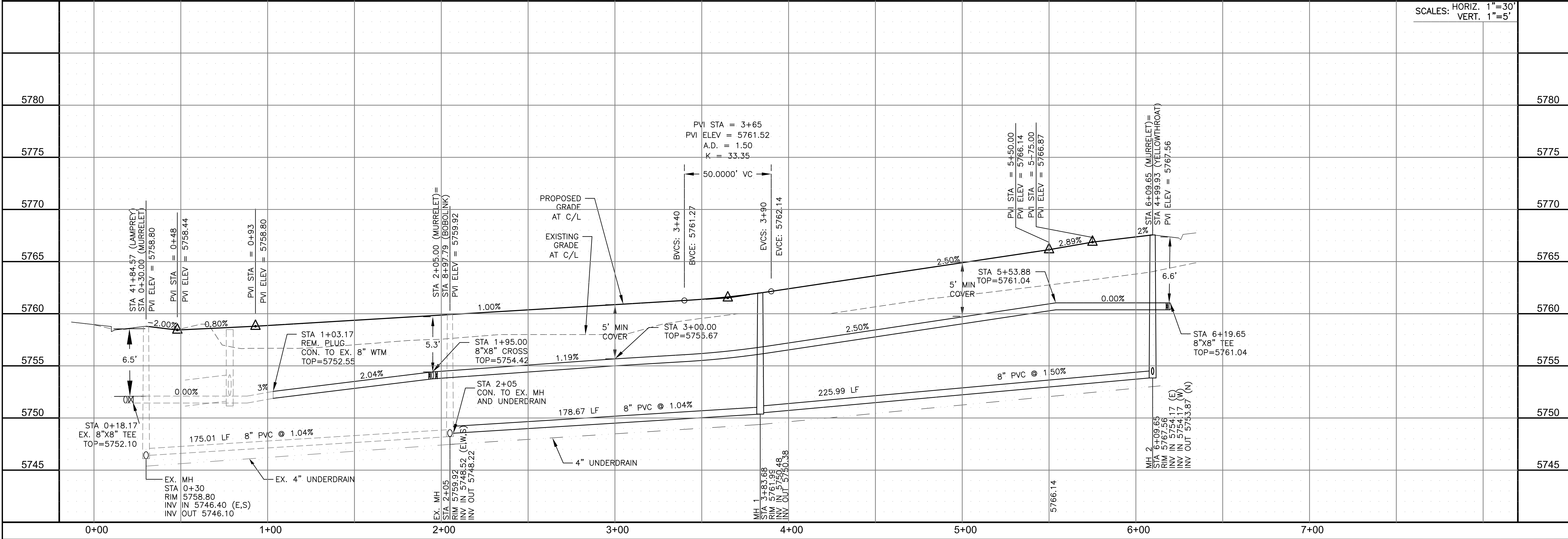
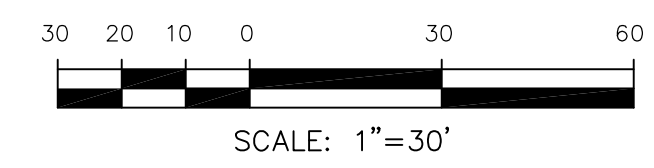
TOTAL SHEETS: 40

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



MURRELET DRIVE



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

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 HILLS AT LORSON RANCH FILING NO. 1
FONTAINE BLVD, VALLEJO DR
COLORADO SPRINGS, COLORADO

DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

WATER / SANITARY
MURRELET DR
STA 0+00 TO 6+34

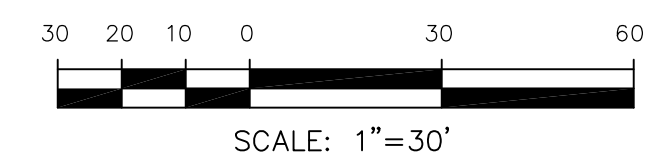
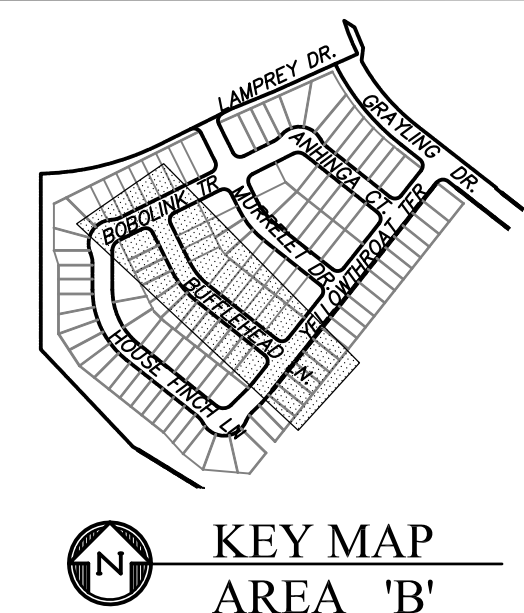
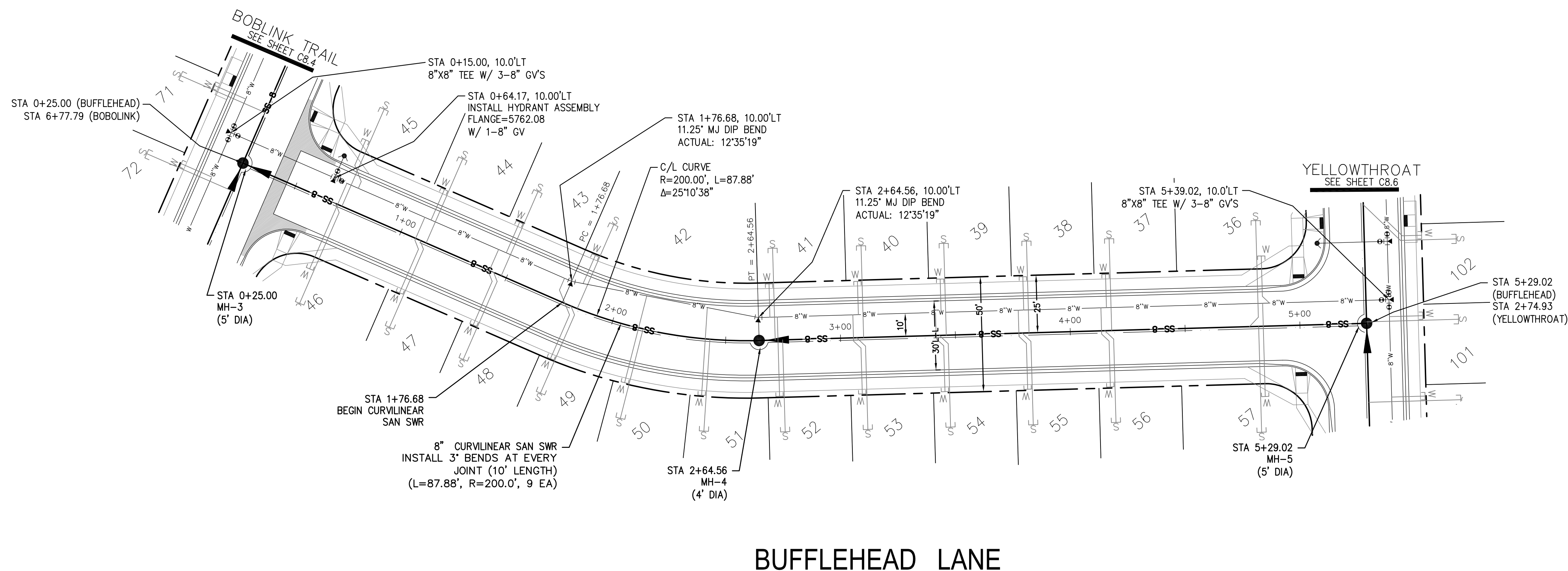


DATE:
NOV 12, 2020

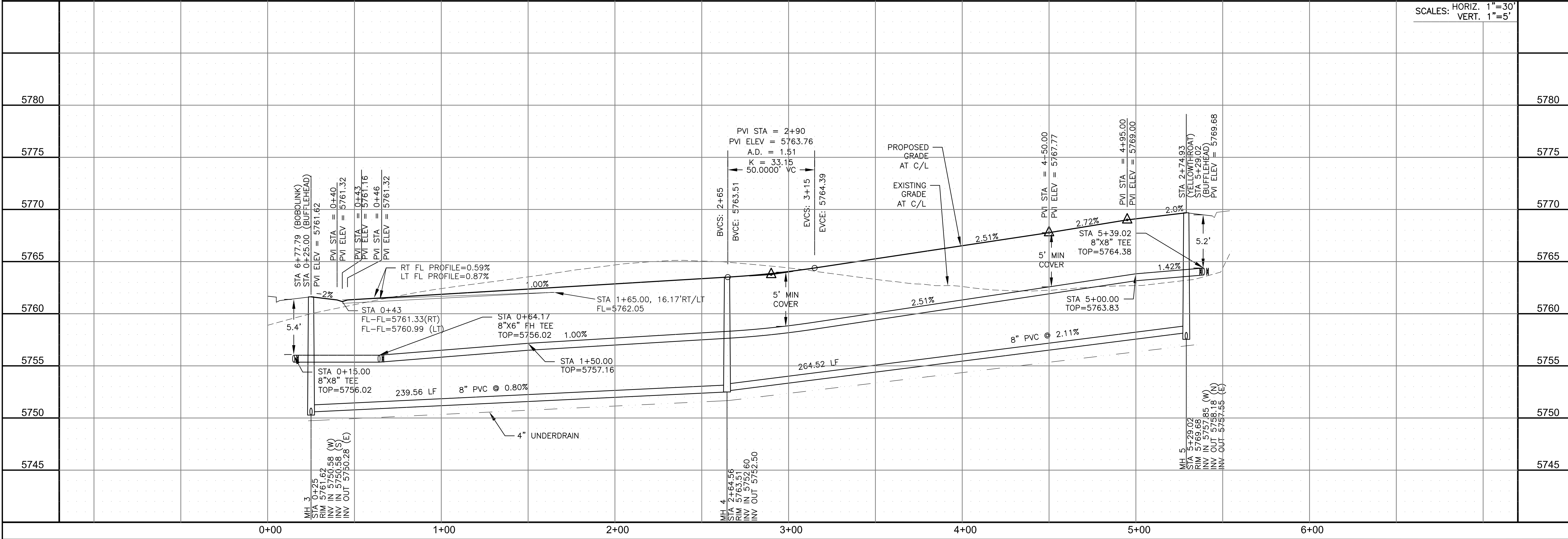
PROJECT NO.
100.062
SHEET NUMBER
C8.1
TOTAL SHEETS: 40

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



BUFFLEHEAD LANE



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 HILLS AT LORSON RANCH FILING NO. 1**
FONTAINE BLVD. VALLEJO 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

WATER / SANITARY - AREA 'B'
BUFFLEHEAD LANE
STA 0+00 TO 5+54



DATE: **NOV 12, 2020**

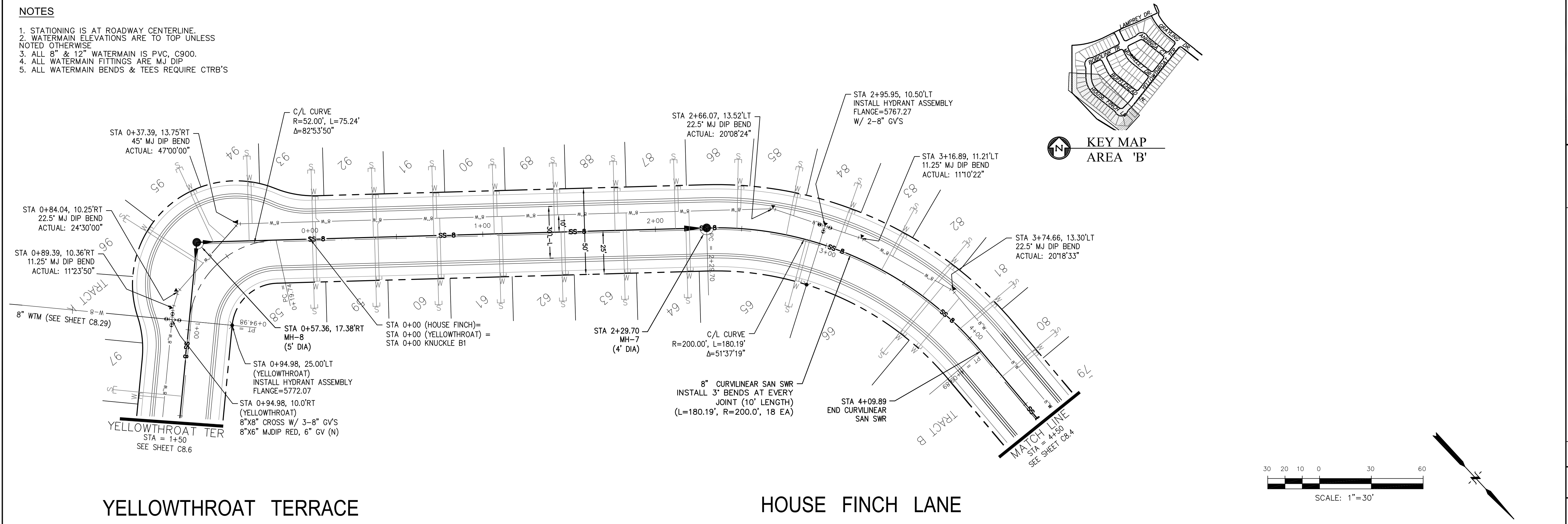
PROJECT NO. **100.062**

SHEET NUMBER **C8.2**

TOTAL SHEETS: 40

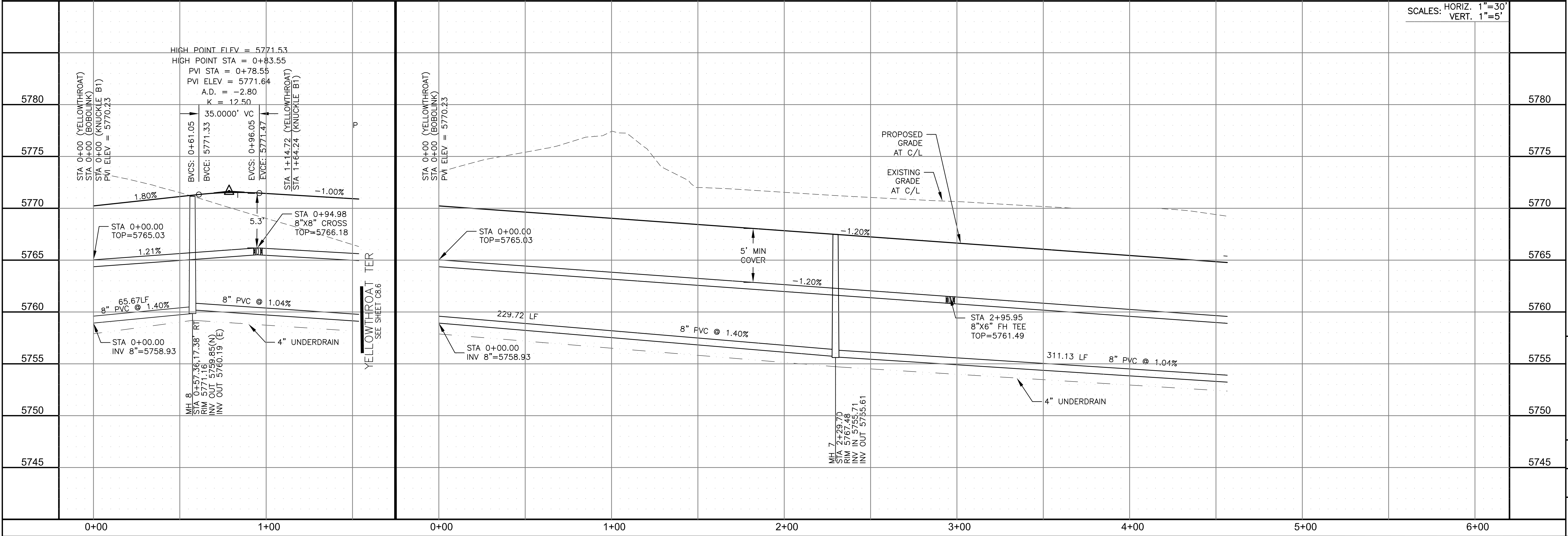
NOTES

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



YELLOWTHROAT TERRACE

HOUSE FINCH LANE



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

CORE ENGINEERING GROUP
15004 1ST AVENUE S.
BIRCH CREEK, CO 80150
PHONE: 303.779.5710
CONTACT: RICHARD L. SCHINDLER, P.E.
EMAIL: Rich@cegi.com

DATE: _____
DESCRIPTION: _____
NO. _____
PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
FOR: LORSON, LLC
212 N. WAHSATCH AVE. SUITE 301
COLORADO SPRINGS, COLORADO 80903
CONTACT: JEFF MARK

DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

WATER / SANITARY - AREA 'B'
YELLOWTHROAT TER & HOUSE FINCH LN
STA 0+00 TO 4+50



DATE: NOV 12, 2020

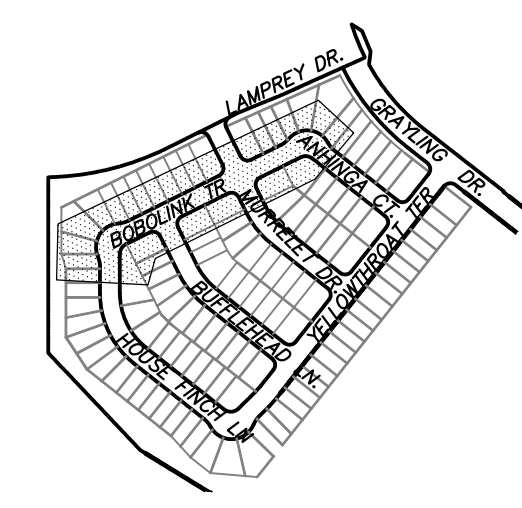
PROJECT NO. 100.062

SHEET NUMBER C8.3

TOTAL SHEETS: 40

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



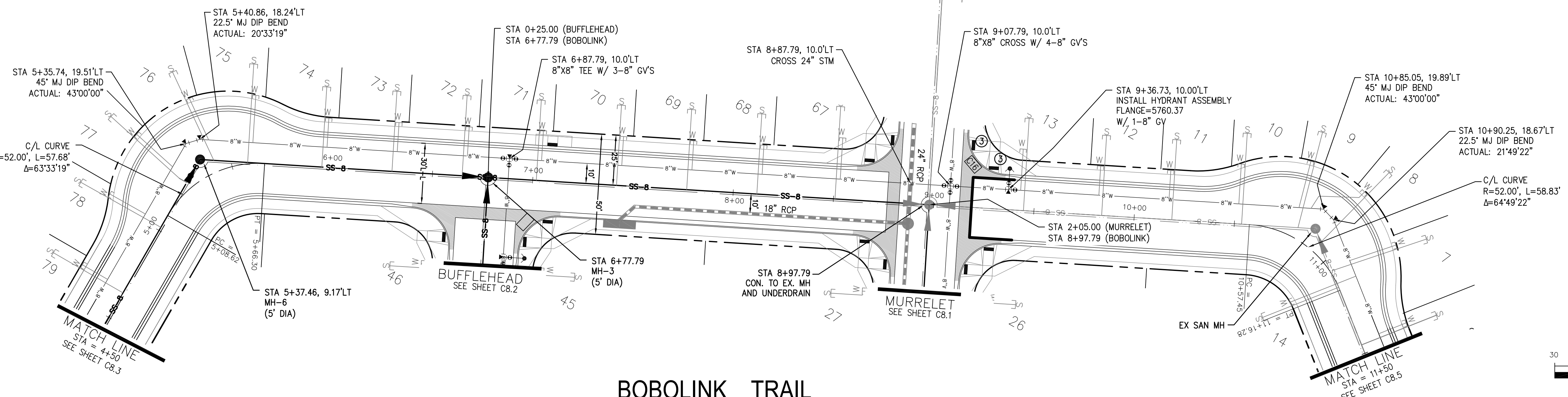
KEY MAP
AREA 'B'

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

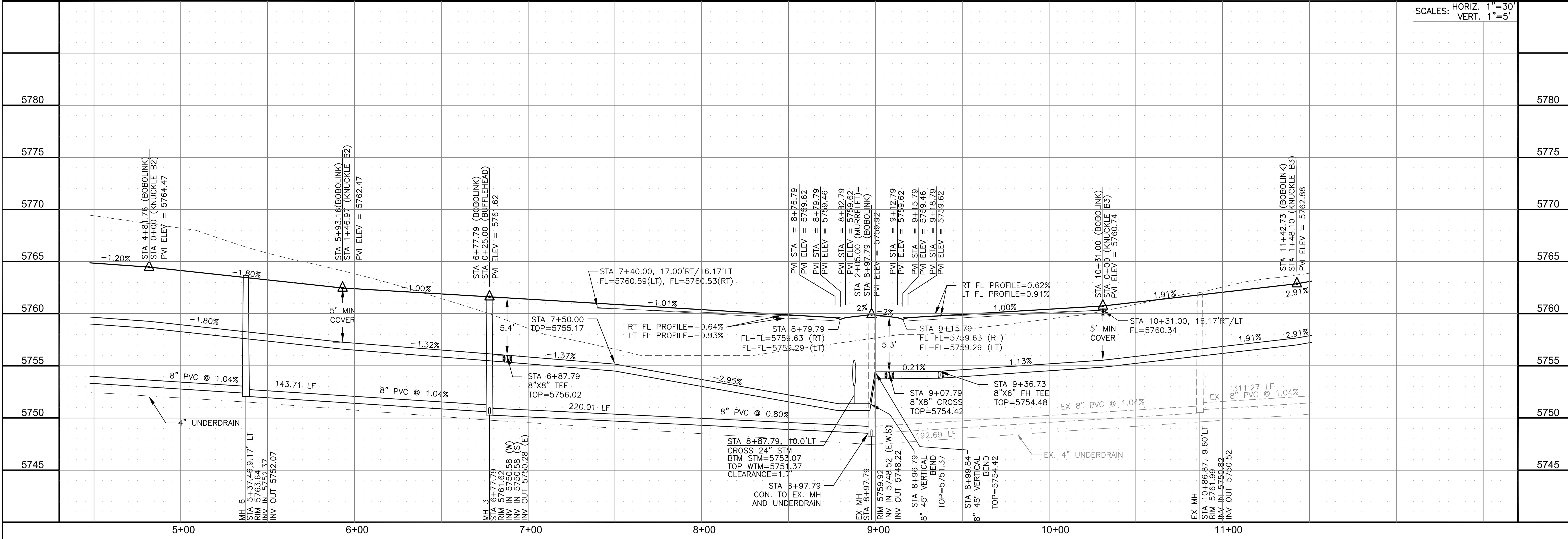
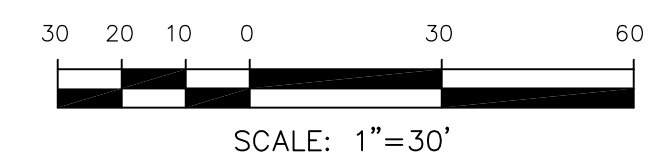
DATE: _____
DESCRIPTION: _____
NO. _____
DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

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

PROJECT:
THE HILLS AT LORSON RANCH FILING NO. 1
FONTAINE BLVD, VALLEJO DR
COLORADO SPRINGS, COLORADO



BOBOLINK TRAIL



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

WATER / SANITARY - AREA 'B'
BOBOLINK TRAIL
STA 4+50 TO 11+50

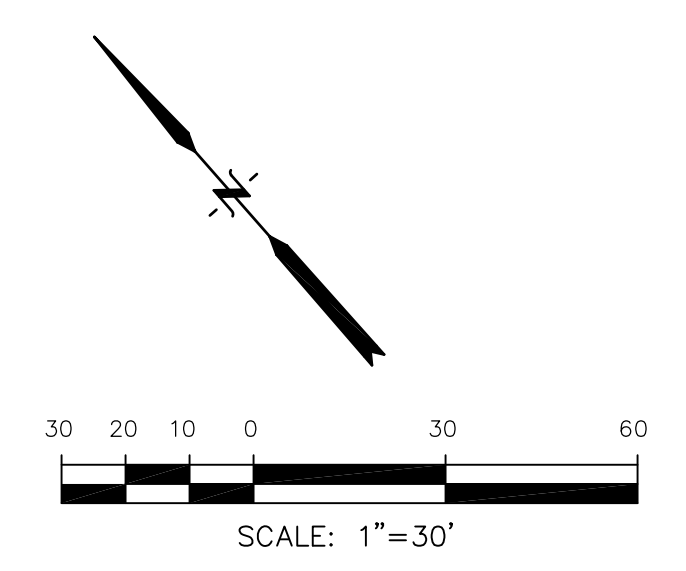
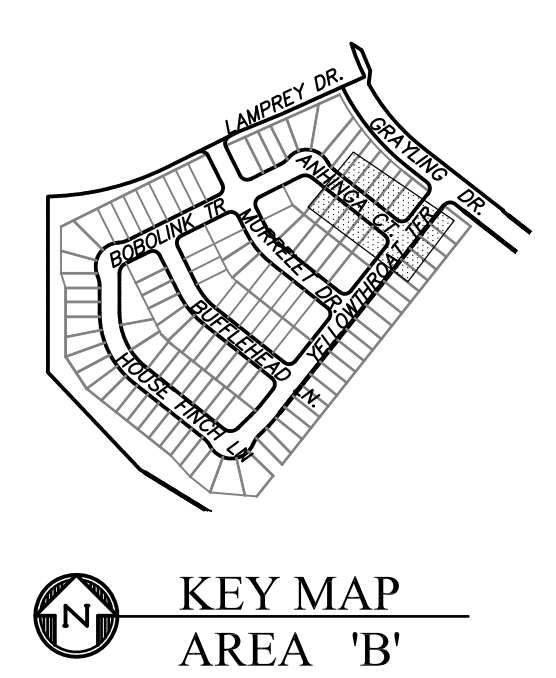
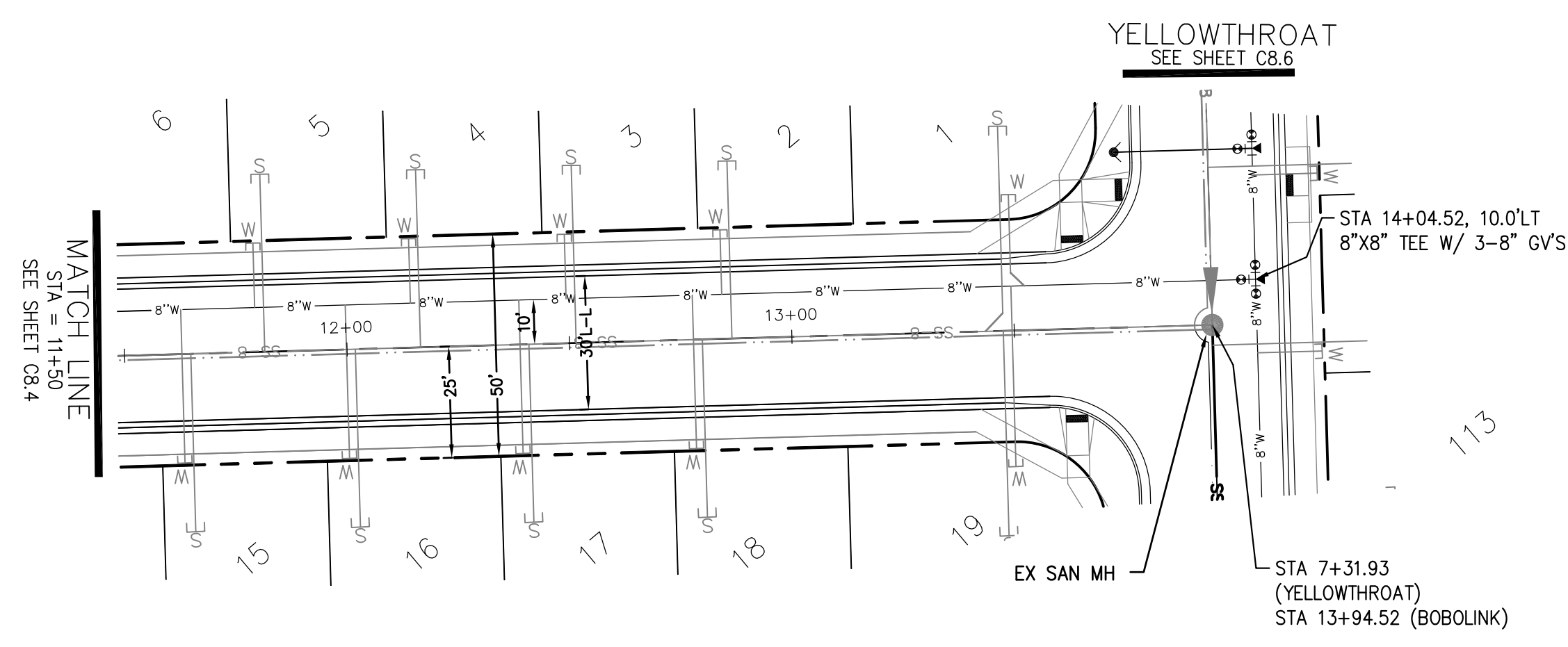


DATE:
NOV 12, 2020

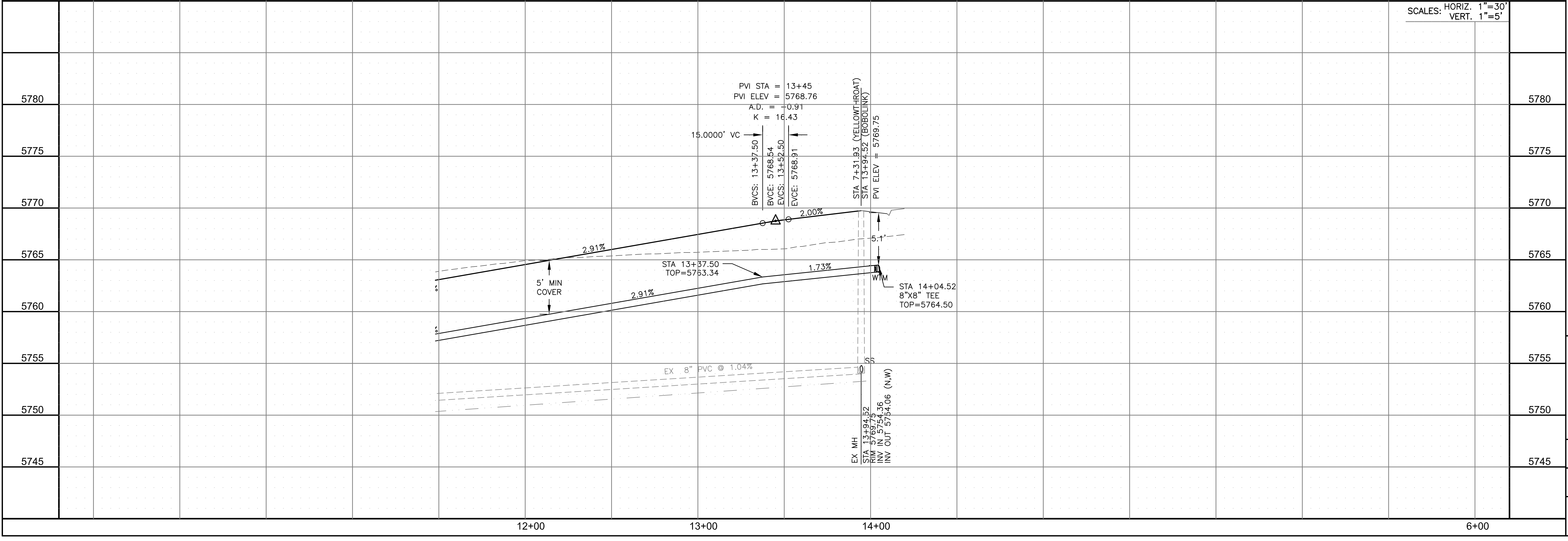
PROJECT NO.
100.062

SHEET NUMBER
C8.4

TOTAL SHEETS: 40



ANHINGA CT



CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BLDG 100, SUITE 5506
 BLDG 100, SUITE 5506
 COLORADO SPRINGS, CO 80903
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@ceg1.com

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

THE HILLS AT LORSON RANCH FILING NO. 1
 FONTANIE BLVD, VALLEJO DR
 COLORADO SPRINGS, COLORADO

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

DATE:
 NOV 12, 2020

PROJECT NO.
 100.062

SHEET NUMBER
 C8.5

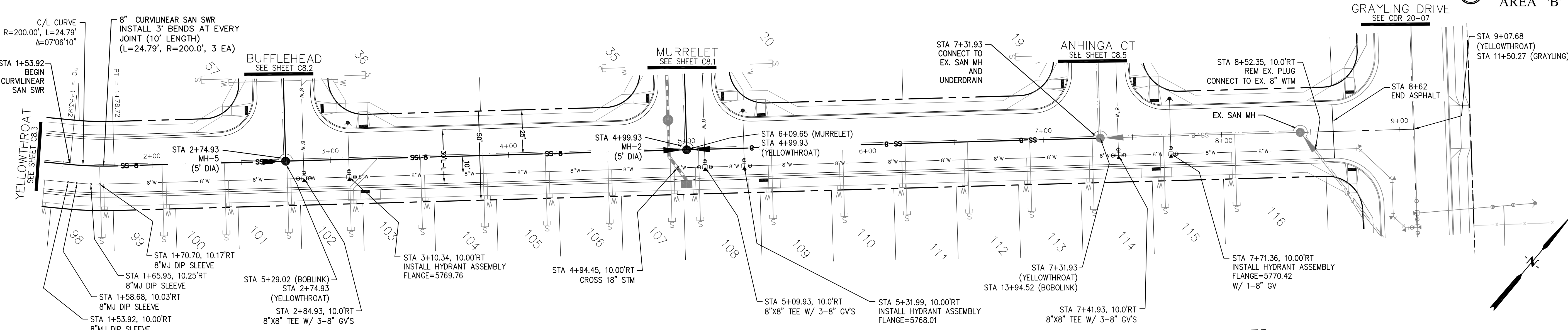
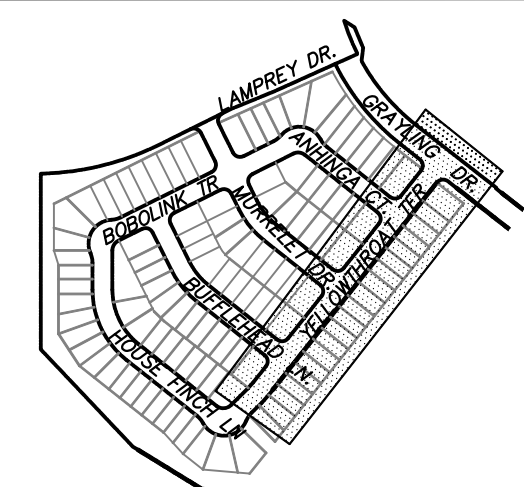
TOTAL SHEETS: 40

WATER / SANITARY - AREA 'B'
 ANHINGA CT.
 STA 11+50 TO 13+94

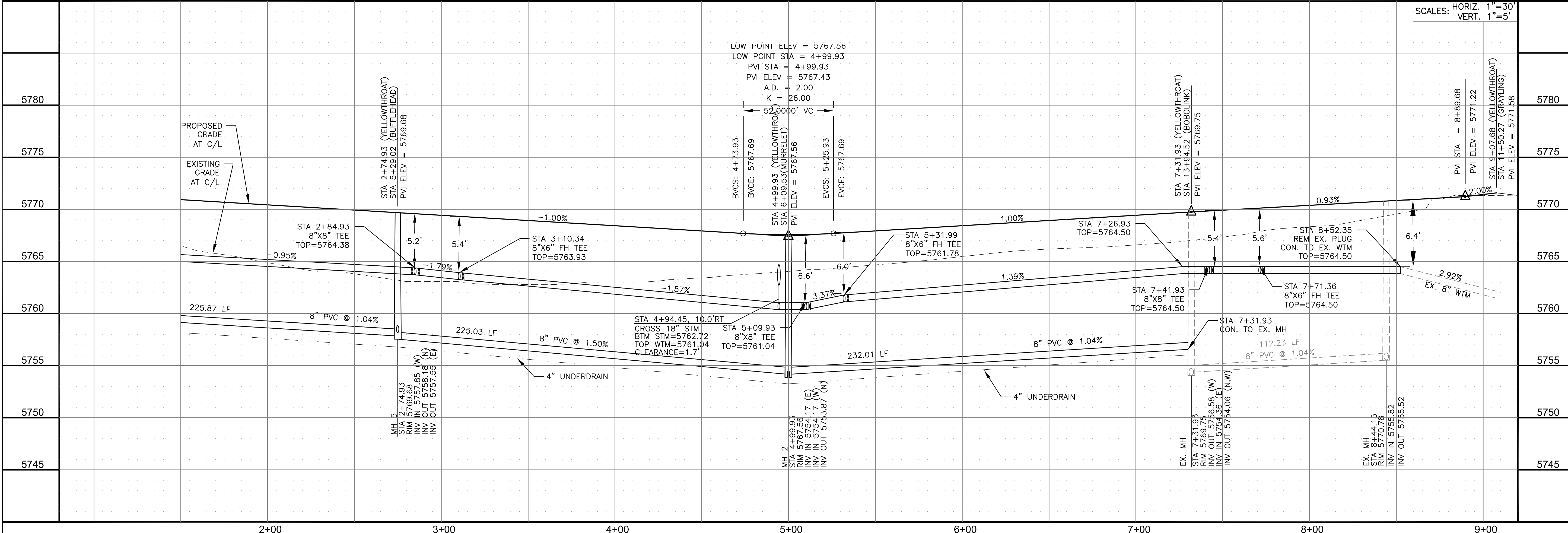
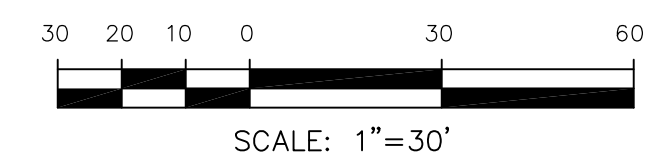


NOTES

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



YELLOWTHROAT TERRACE



CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BIRCH CREEK, CO 80150
 PHONE: 303.440.1100
 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
 (719) 635-3200
 CONTACT: JEFF MARK

PROJECT:
THE HILLS AT LORSON RANCH FILING NO. 1
 FONTAINE BLVD. VALLEJO DR
 COLORADO SPRINGS, COLORADO

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

WATER / SANITARY - AREA 'B'
YELLOWTHROAT TERRACE
STA 1+50 TO 9+07

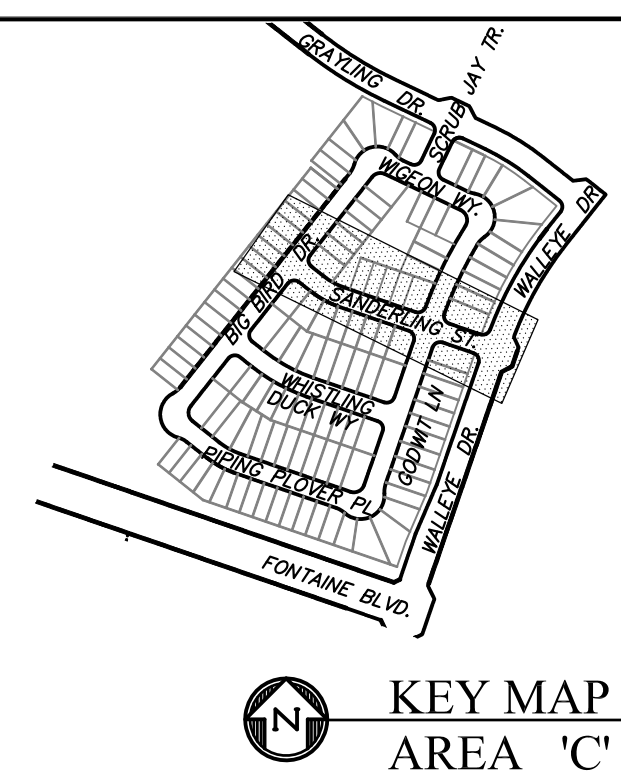
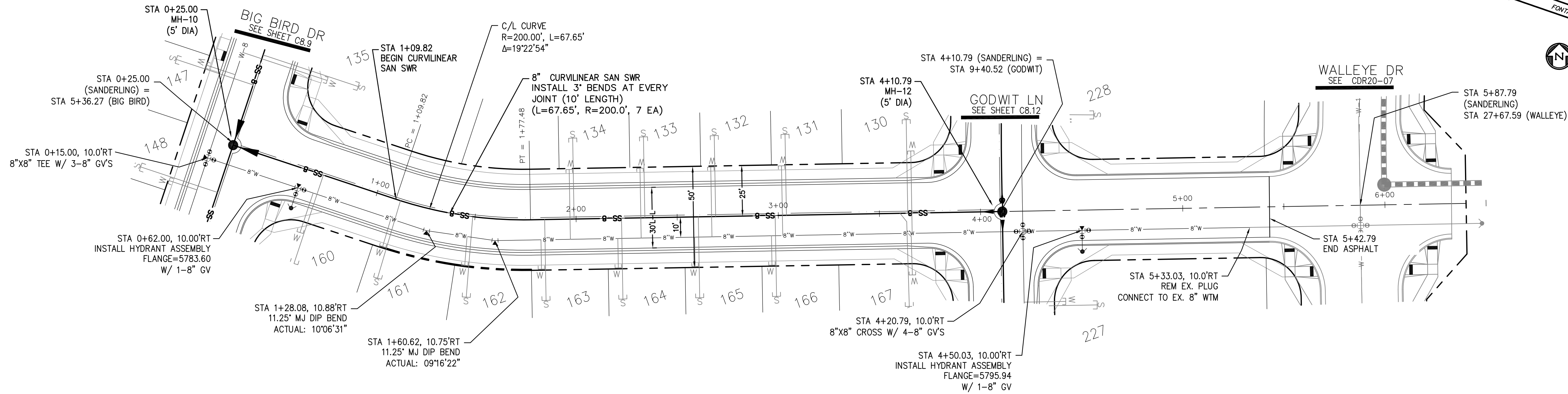


DATE:
 NOV 12, 2020

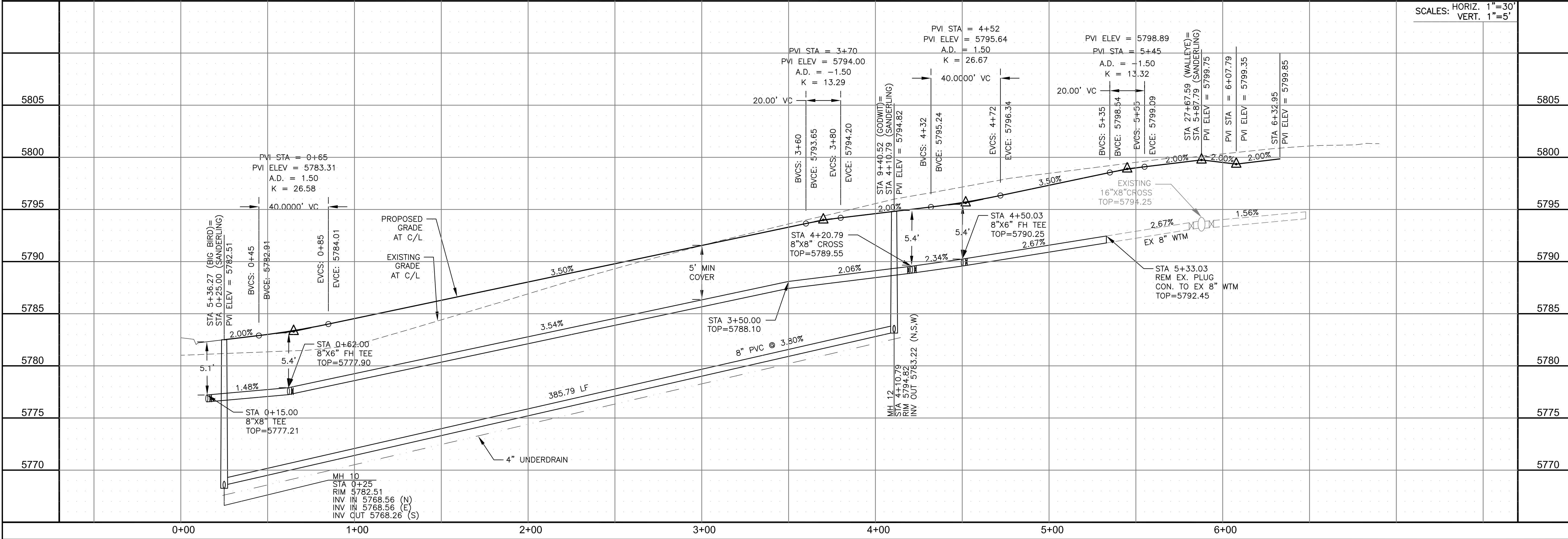
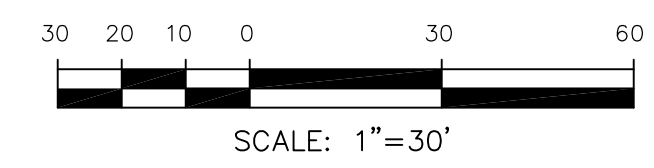
PROJECT NO.
 100.062
 SHEET NUMBER
 C8.6
 TOTAL SHEETS: 40

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



SANDERLING ST



CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BIRCH CREEK, CO 80506
 PH: 303.799.1100
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@ceg1.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
 EMAIL: Rich@ceg1.com
 CONTACT: JEFF MARK

PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
 FONTAINE BLVD, WALLEYE DR
 COLORADO SPRINGS, COLORADO

WATER / SANITARY - AREA 'C'
SANDERLING ST
STA 0+00 TO 6+00

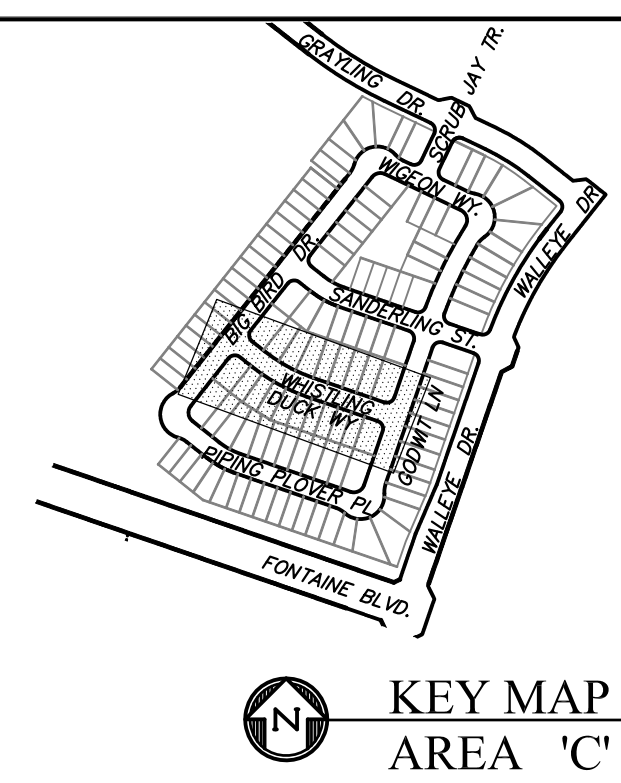
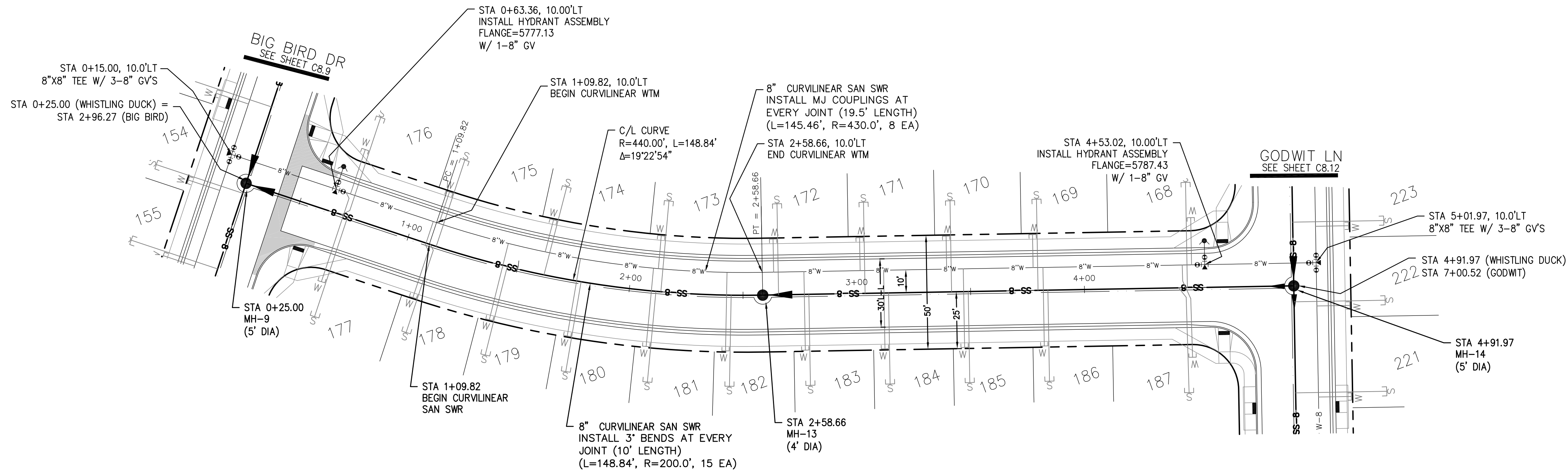
SCALE: HORIZ. 1"=30'
 VERT. 1"=5'

DATE: NOV 12, 2020
 PROJECT NO. 100.062
 SHEET NUMBER C8.7
 TOTAL SHEETS: 40

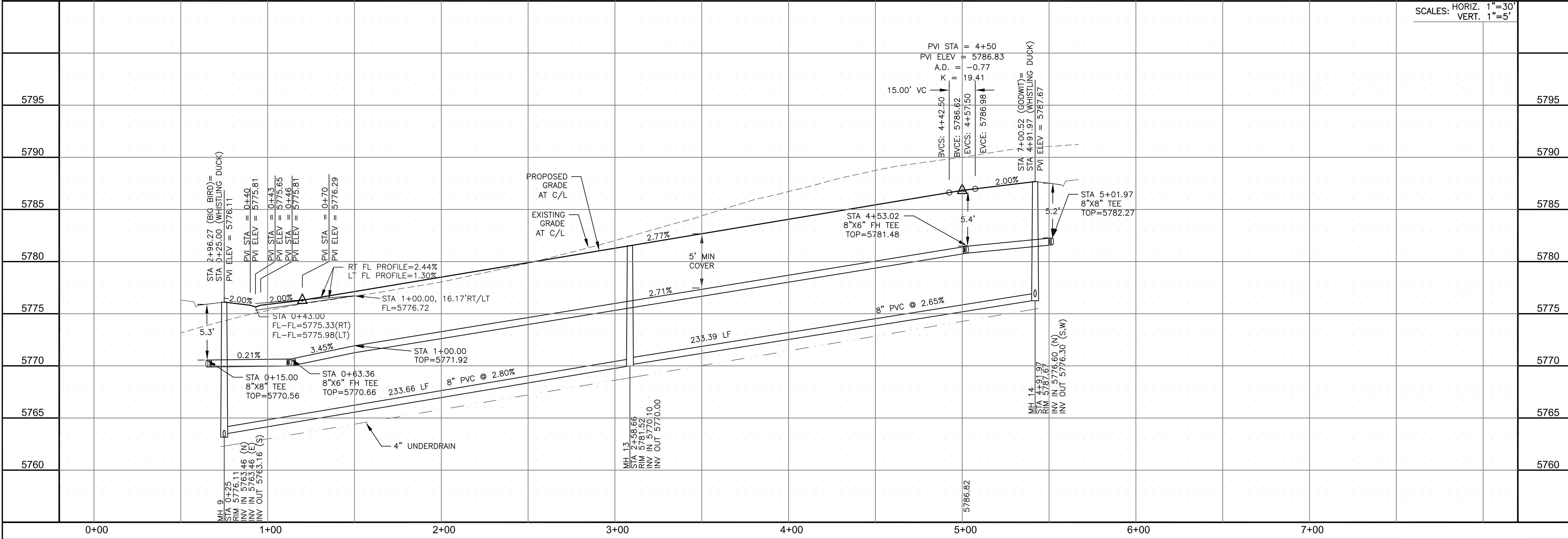
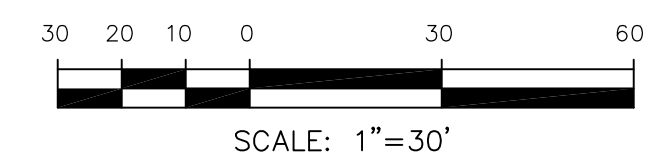


NOTES

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



WHISTLING DUCK WAY



CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BURNING WOODS, CO 80906
 PH: 719.570.1100
 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
 PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
 FONDAINE BLVD. VALLEJO DR
 COLORADO SPRINGS, COLORADO
 CONTACT: JEFF MARK

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

WATER / SANITARY - AREA 'C'
WHISTLING DUCK WAY
STA 0+00 TO 4+91



DATE: **NOV 12, 2020**

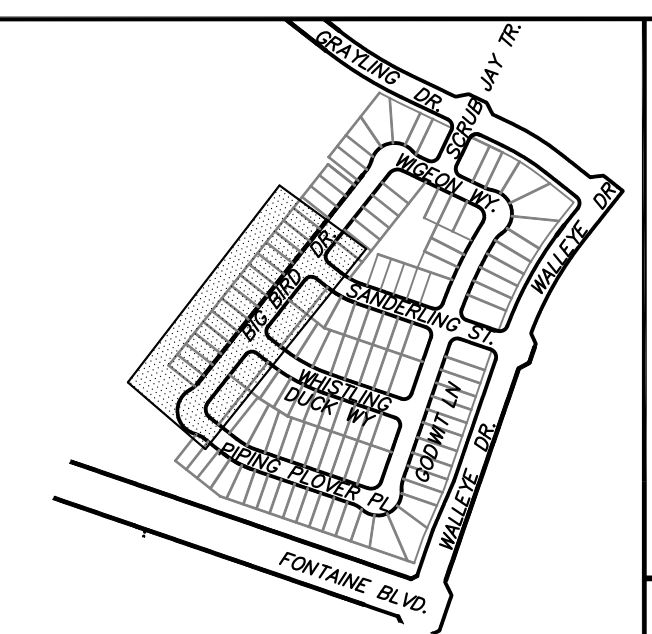
PROJECT NO. **100.062**

SHEET NUMBER **C8.8**

TOTAL SHEETS: 40

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

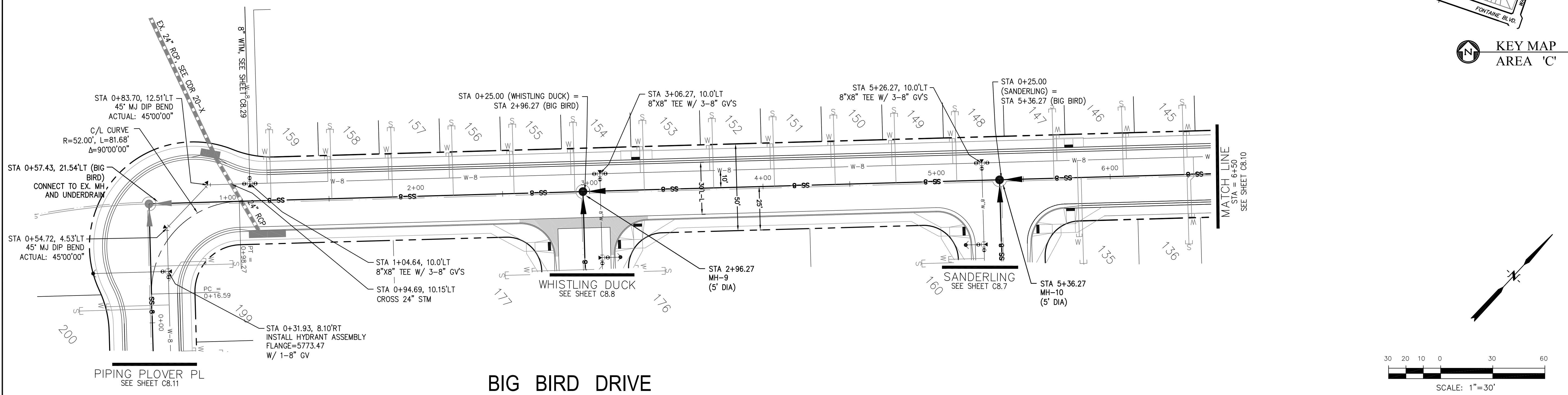


CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BIRCH CREEK, CO 80150
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@ceg1.com

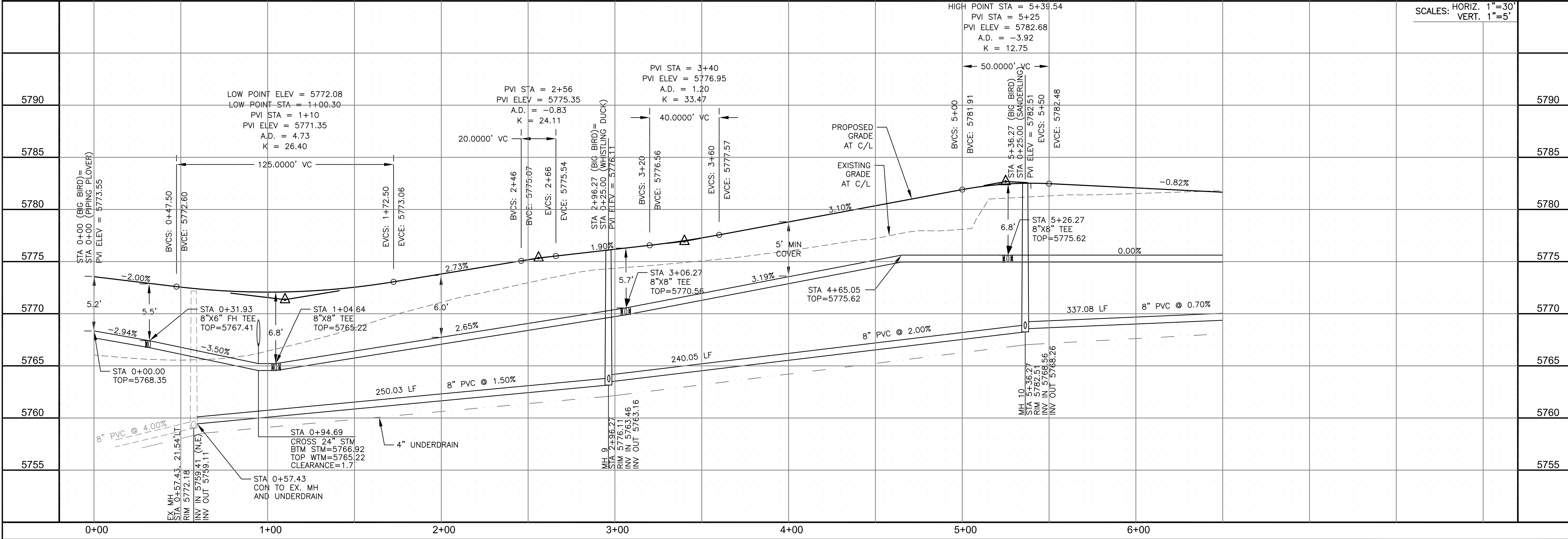
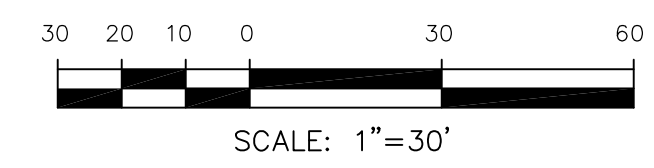
DATE: _____
 DESCRIPTION: _____
 NO. _____

PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
 212 N. WAHSATCH AVE., SUITE 301
 COLORADO SPRINGS, COLORADO 80903
 CONTACT: JEFF MARK

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS



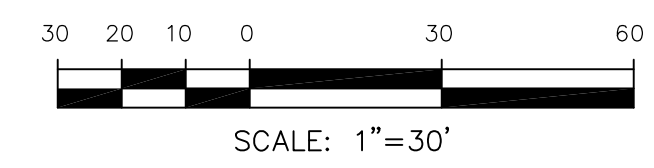
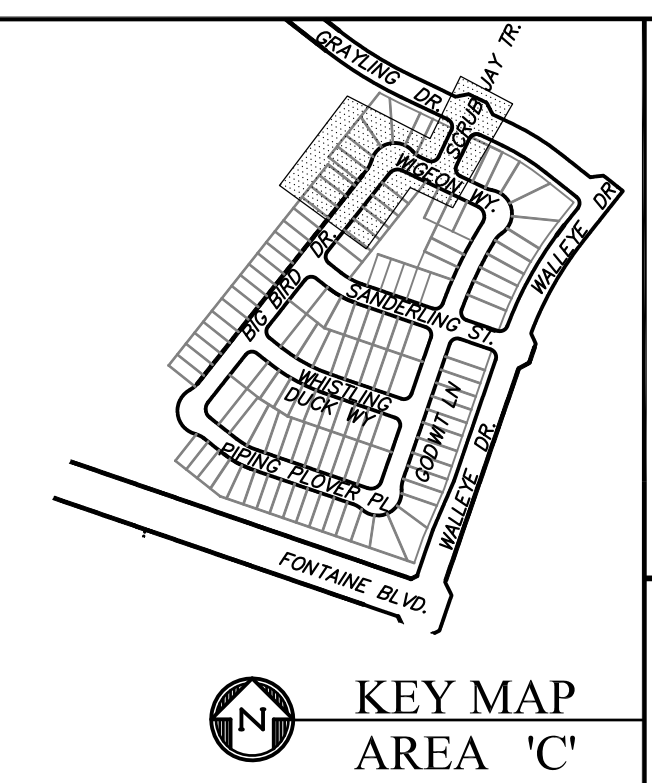
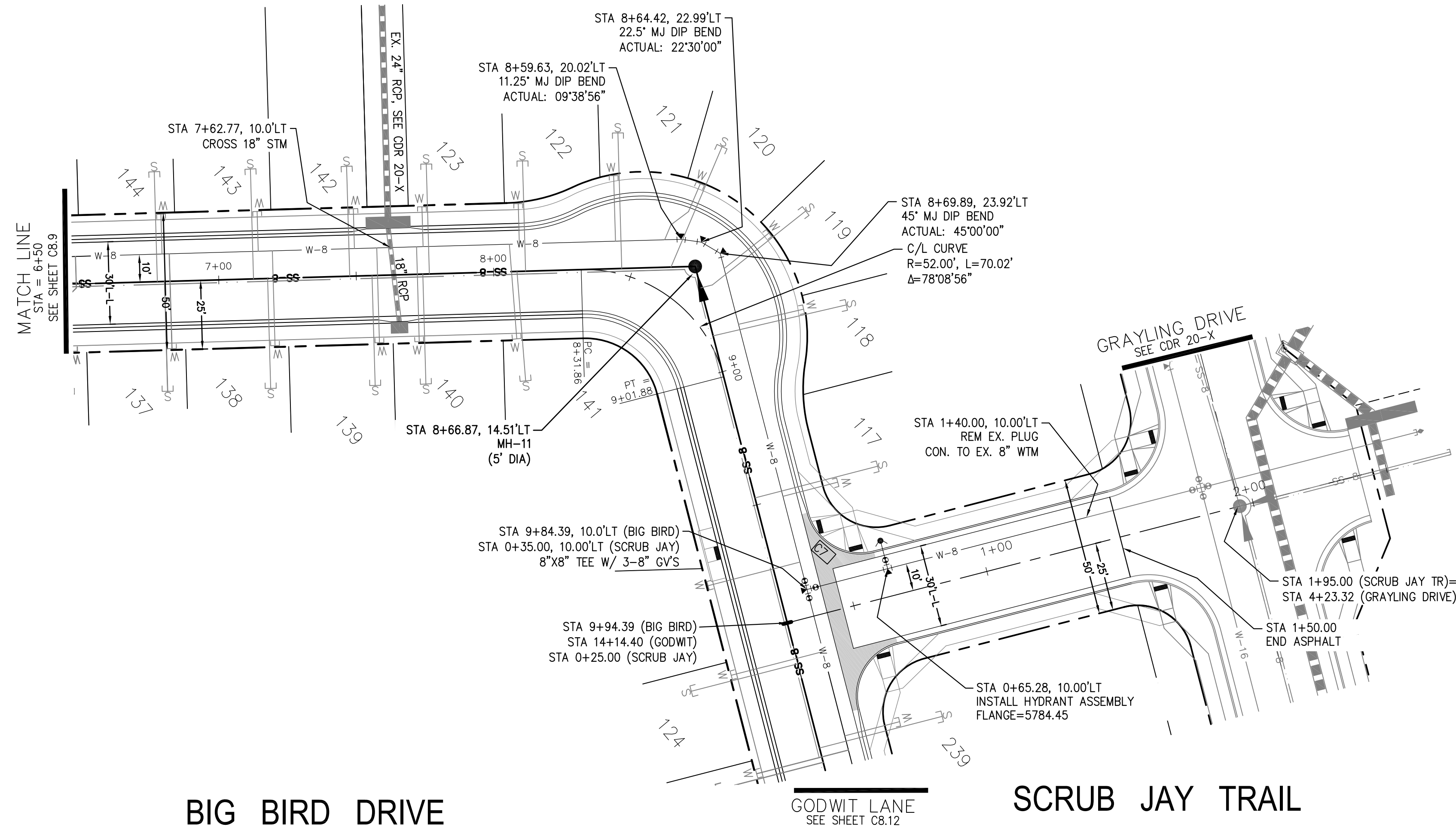
BIG BIRD DRIVE



WATER / SANITARY - AREA 'C'
BIG BIRD DRIVE
STA 0+00 TO 6+50



DATE: NOV 12, 2020
 PROJECT NO: 100.062
 SHEET NUMBER: C8.9
 TOTAL SHEETS: 40



BIG BIRD DRIVE
 GODWIT LANE
 SCRUB JAY TRAIL

CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BIRDAIR DRIVE, SUITE 300
 BIRDAIR DRIVE, SUITE 300
 COLORADO SPRINGS, COLORADO 80903
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@cegi.com

DATE: _____

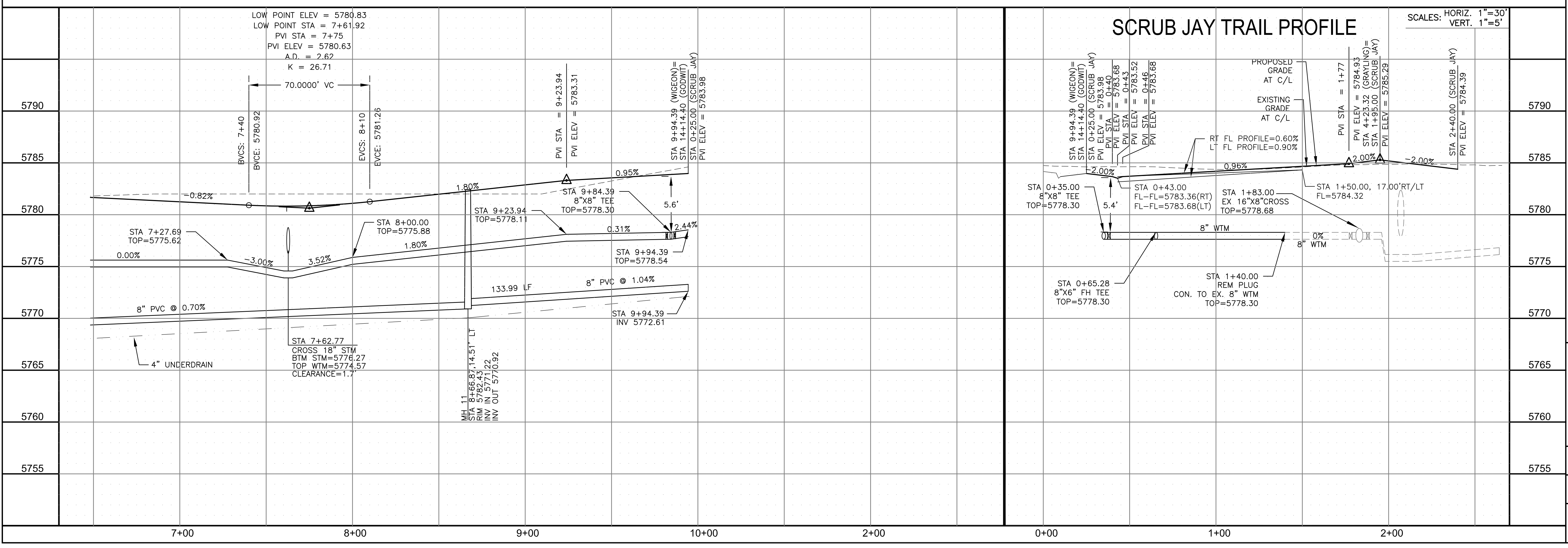
DESCRIPTION: _____

NO. _____

PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
 212 N. WAHSATCH AVE., SUITE 301
 COLORADO SPRINGS, COLORADO 80903
 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



WATER / SANITARY - AREA 'C'
 BIG BIRD DR & SCRUB JAY TR
 STA 6+50 TO 9+94

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

5790
5785
5780
5775
5770
5765
5760
5755

7+00 8+00 9+00 10+00 2+00 0+00 1+00 2+00

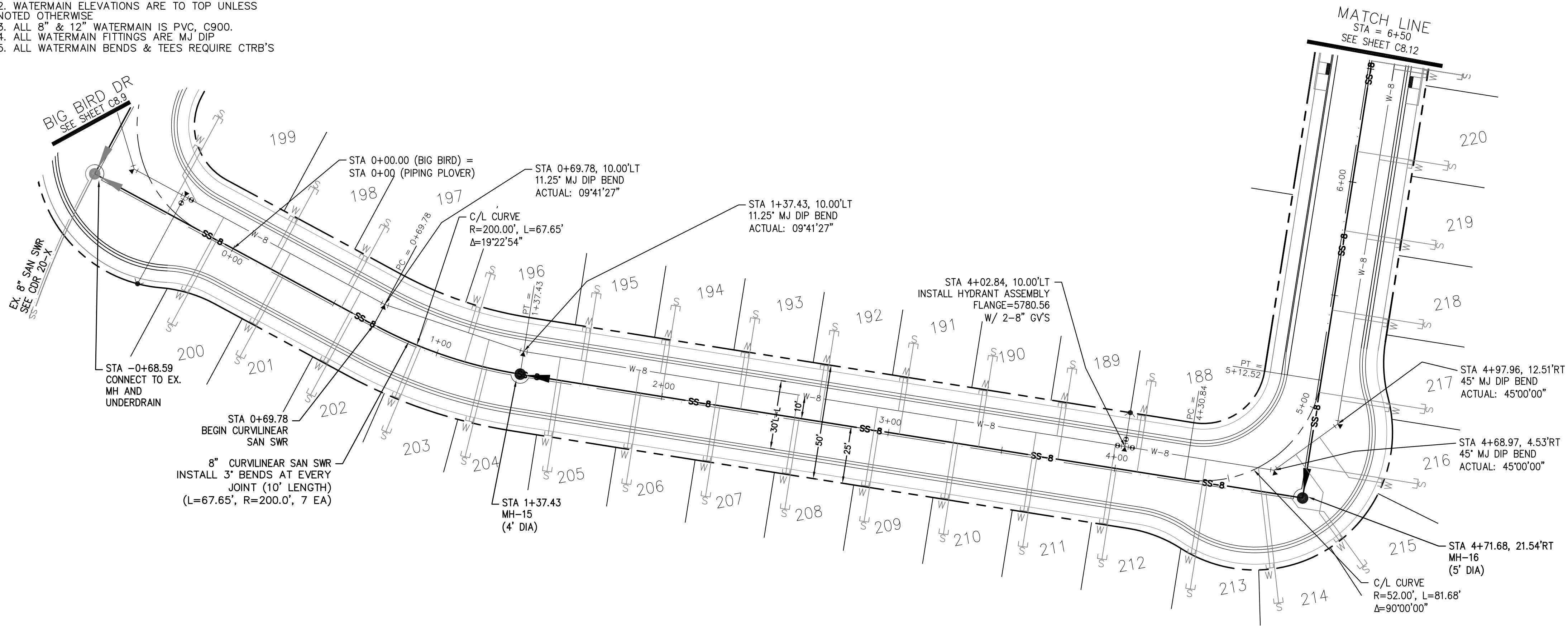
PROFESSIONAL ENGINEER
 RICHARD L. SCHINDLER, P.E.
 NO. 33997
 (1-12-2020)

DATE: NOV 12, 2020

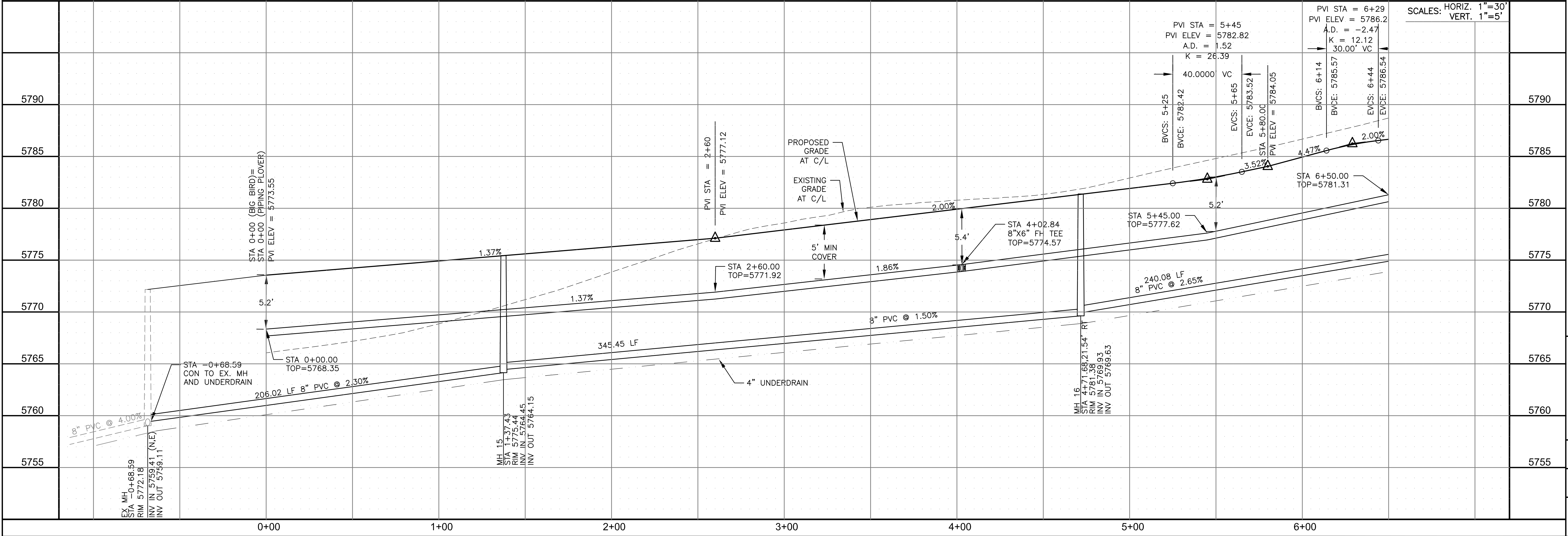
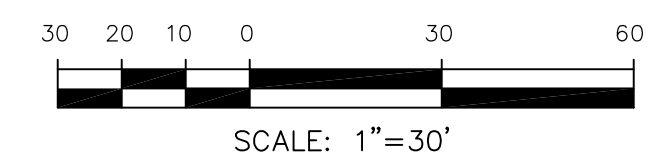
PROJECT NO. 100.062
 SHEET NUMBER C8.10
 TOTAL SHEETS: 40

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



PIPING PLOVER PLACE



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. _____
 PREPARED FOR: **LORSON, LLC**
 212 N. WAHSATCH AVE., SUITE 301
 COLORADO SPRINGS, COLORADO 80903
 PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
 FONTAINE BLVD. VALLEJO DR
 COLORADO SPRINGS, COLORADO
 CONTACT: JEFF MARK

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

SCALE: 1"=30'

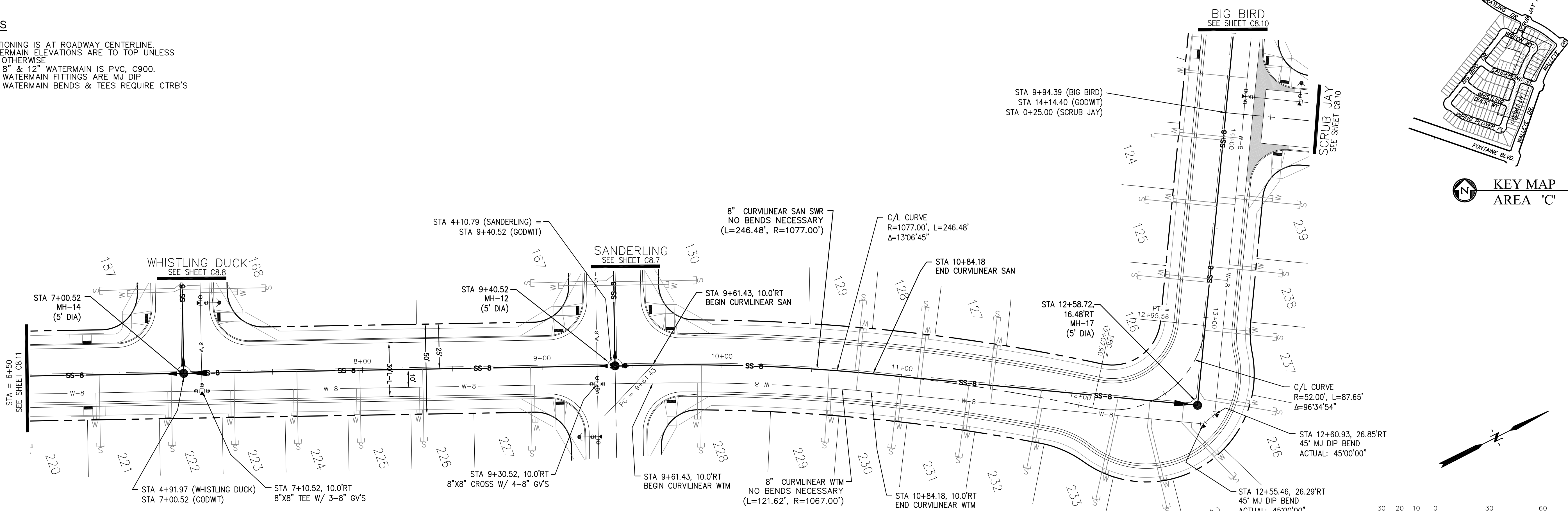
WATER / SANITARY - AREA 'C'
PIPING PLOVER PL & GODWIT LN
STA 0+00 TO 6+50



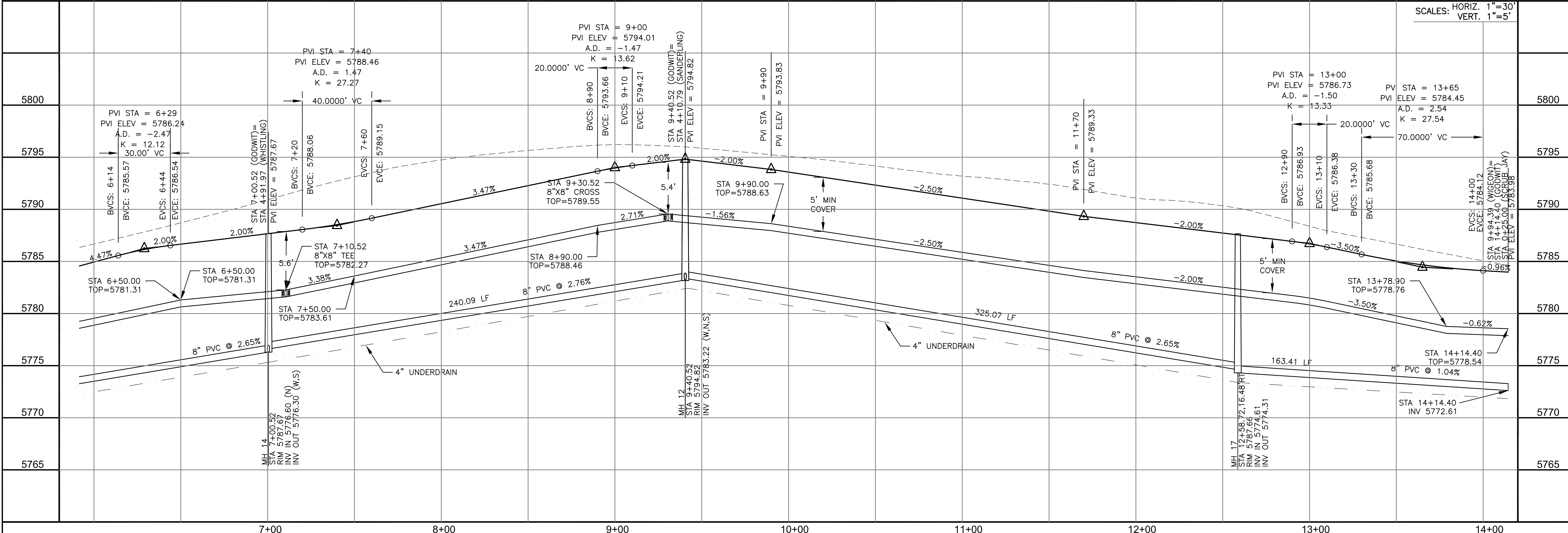
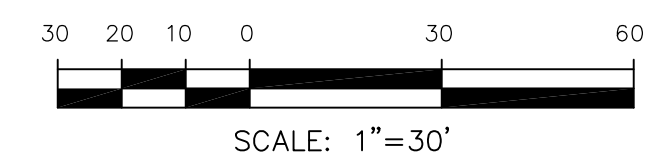
DATE: NOV 12, 2020
 PROJECT NO: 100.062
 SHEET NUMBER: C8.11
 TOTAL SHEETS: 40

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



GODWIT LANE



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

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

WATER / SANITARY - AREA 'C'
GODWIT LANE
STA 6+50 TO 14+14

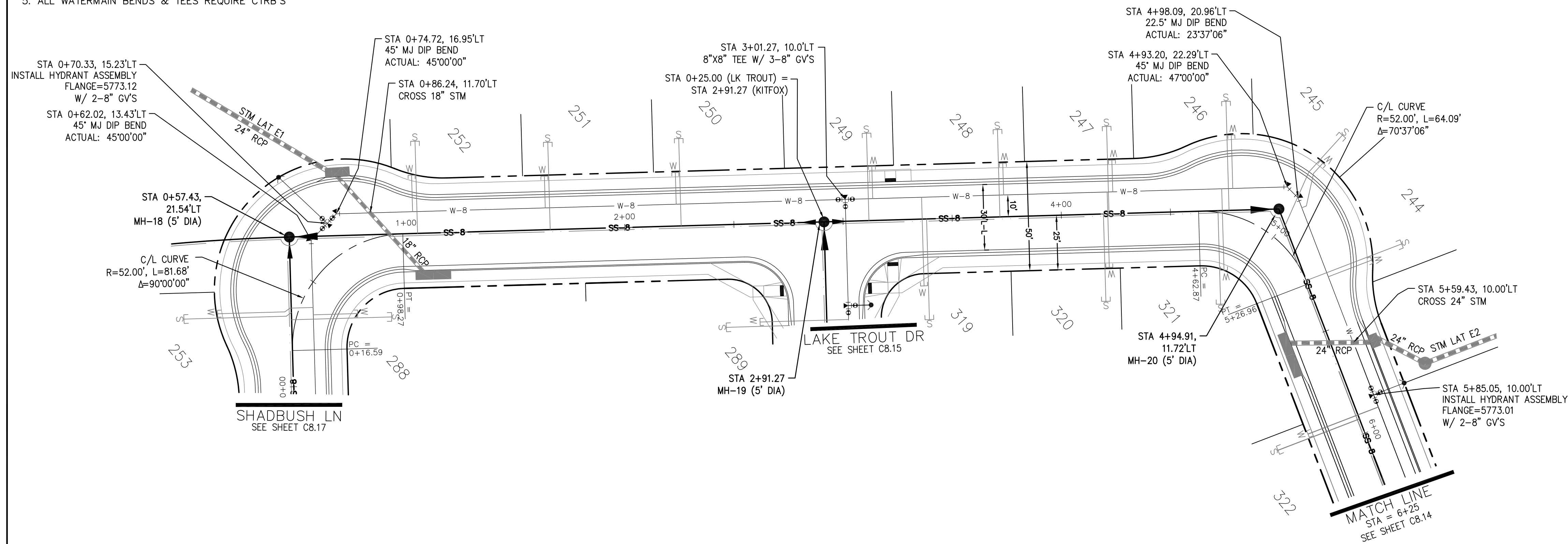


DATE:
 NOV 12, 2020

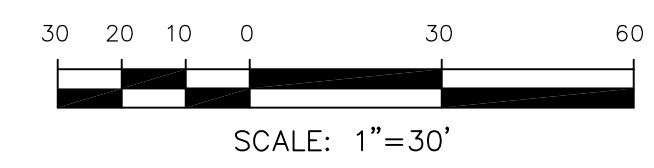
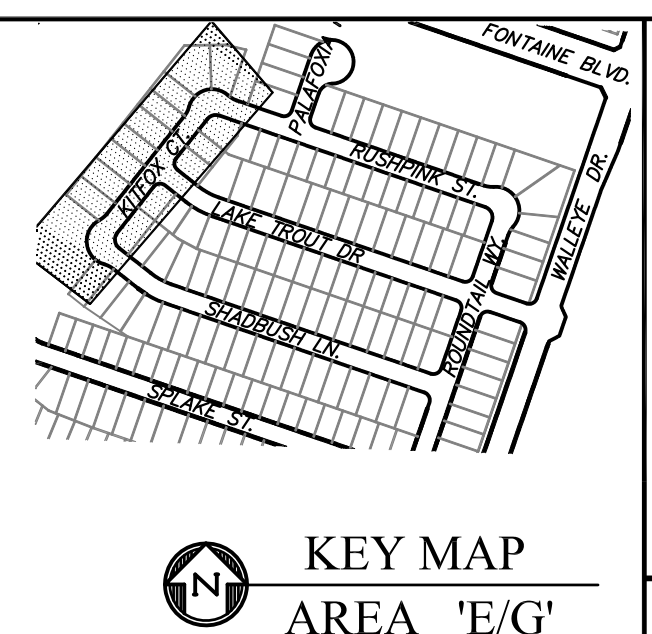
PROJECT NO.
 100.062
 SHEET NUMBER
 C8.12
 TOTAL SHEETS: 40

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



KITFOX COURT



Station	Description	Station	Description
5790	LOW POINT ELEV = 5772.63 LOW POINT STA = 0+95.76 PVI STA = 1+70 PVI ELEV = 5773.58 A.D. = 4.06 K = 27.12	5790	LOW POINT ELEV = 5772.16 LOW POINT STA = 5+47.47 PVI STA = 5+60 PVI ELEV = 5771.51 A.D. = 4.55 K = 26.37
5785	110.0000' VC	5785	120.0000' VC
5780	PROPOSED GRADE AT C/L	5780	EXISTING GRADE AT C/L
5775	STA 0+00.00 (KITFOX CT) = STA 0+00.00 (SHADBUSH) PVI ELEV = 5774.03	5775	STA 0+00.00 TOP=5768.83
5770	STA 0+76.72 8" 45° VERTICAL BEND TOP=5767.00	5770	STA 0+76.72 8" 45° VERTICAL BEND TOP=5767.98
5765	STA 0+70.33 8"X6" FH TEE TOP=5767.00	5765	STA 0+78.24 8" 45° VERTICAL BEND TOP=5765.48
5760	STA 2+91.27 MH-19 (5' DIA)	5760	STA 2+91.27 MH-19 (5' DIA)
5755	STA 5+59.43 CROSS 24" STM BTM STM=5766.67 TOP WTM=5764.97 CLEARANCE=1.7'	5755	STA 5+59.43 CROSS 24" STM BTM STM=5766.67 TOP WTM=5764.97 CLEARANCE=1.7'

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

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

PROJECT:
THE HILLS AT LORSON RANCH FILING NO. 1
 FONTAINE BLVD. VALLEY DR
 COLORADO SPRINGS, COLORADO

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

WATER / SANITARY - AREA 'E / G'
 KITFOX CT
 STA 0+00 TO 6+25

DATE:
 NOV 12, 2020

PROJECT NO.
 100.062

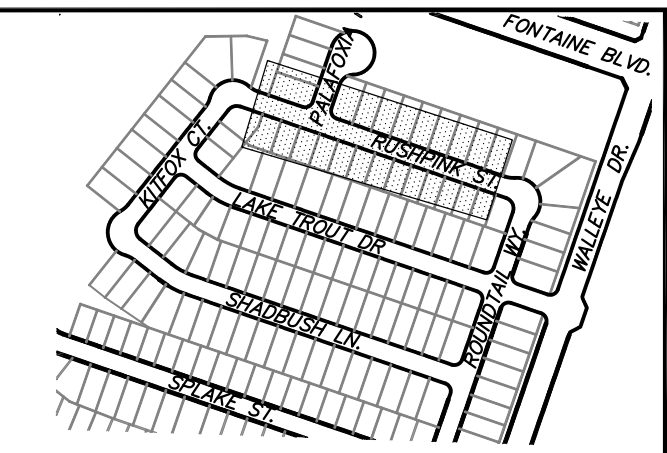
SHEET NUMBER
 C8.13

TOTAL SHEETS: 40



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

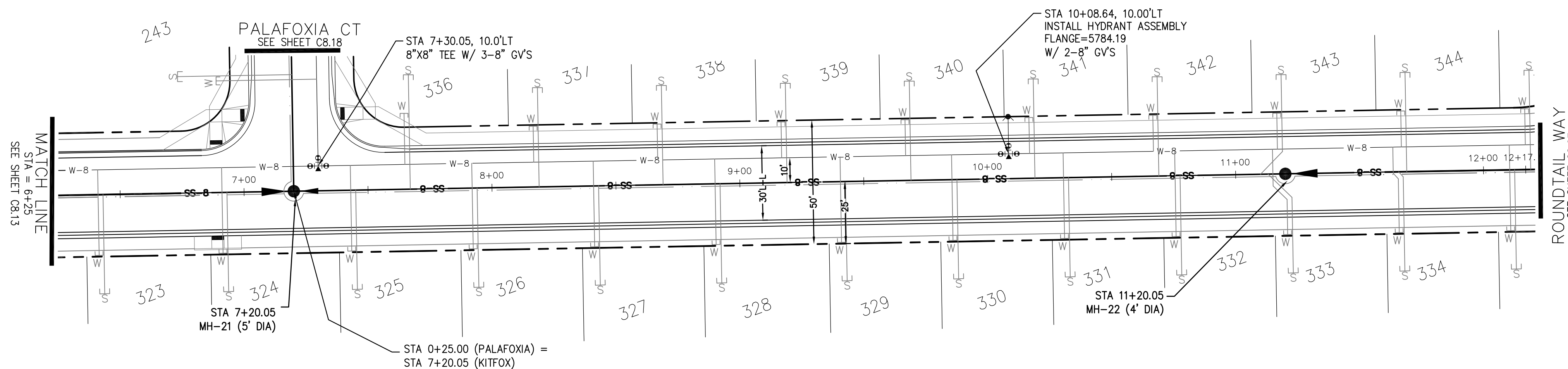


KEY MAP
AREA 'E/G'

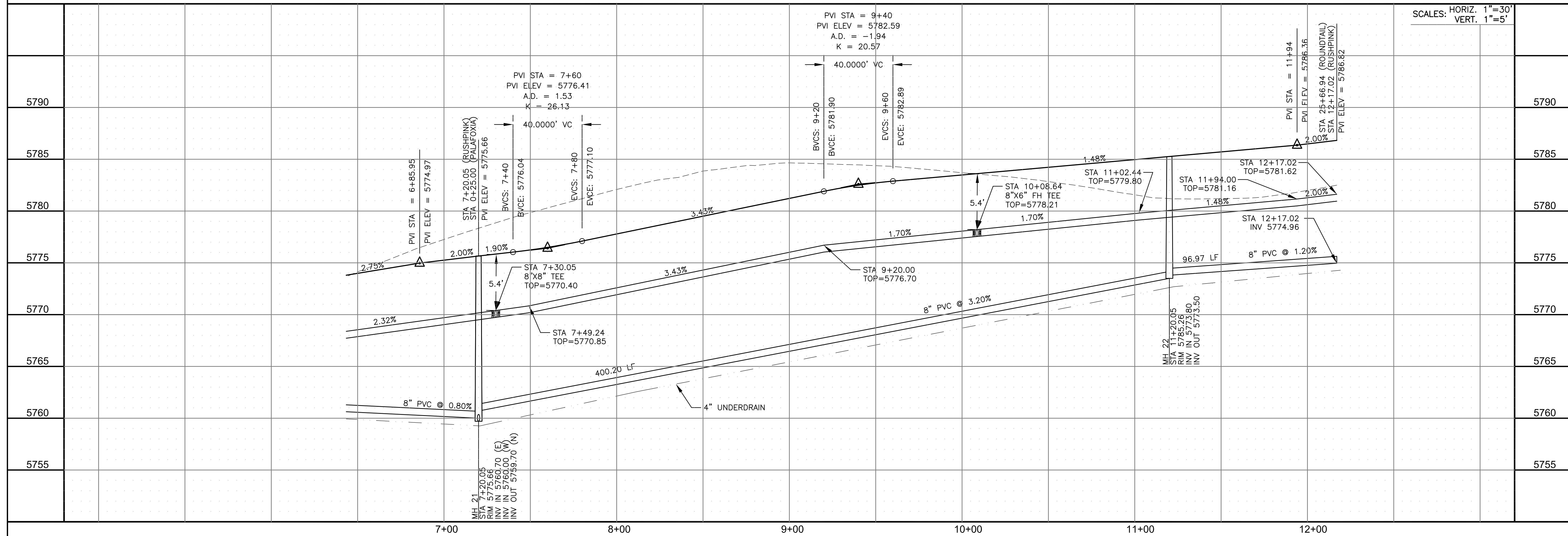
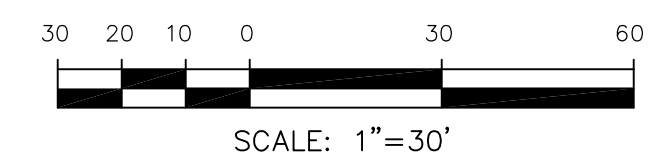
CORE ENGINEERING GROUP
15004 1ST AVENUE S.
BURNING WOODS, CO 80903
PHONE: 719.570.1100
CONTACT: RICHARD L. SCHINDLER, P.E.
EMAIL: Rich@ceg1.com

DATE: _____
NO. _____
DESCRIPTION: _____
PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
FOR ANNE BLUMBAUM, MDR
COLORADO SPRINGS, COLORADO
PREPARED FOR: **LORSON, LLC**
212 N. WAHSATCH AVE, SUITE 301
COLORADO SPRINGS, COLORADO 80903
(719) 635-3200
CONTACT: JEFF MARK

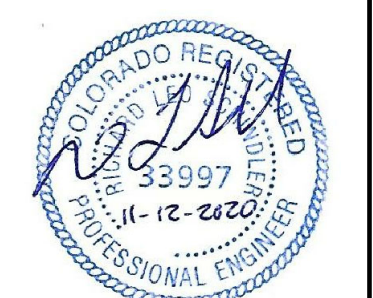
DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS



RUSHPINK STREET



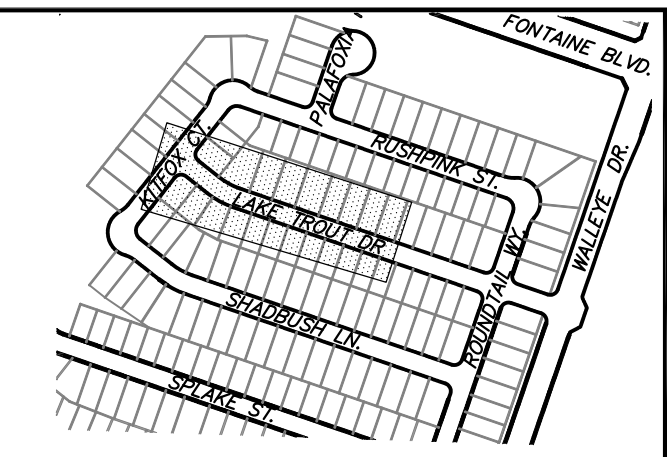
WATER / SANITARY - AREA 'E / G'
RUSHPINK STREET
STA 6+25 TO 12+17



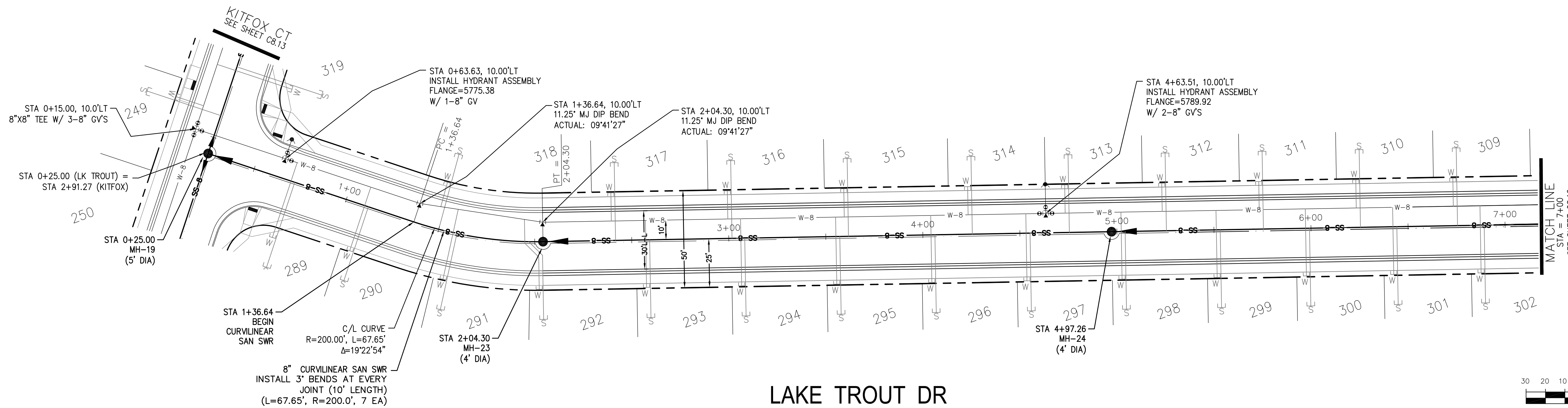
DATE: NOV 12, 2020
PROJECT NO. 100.062
SHEET NUMBER C8.14
TOTAL SHEETS: 40

NOTES

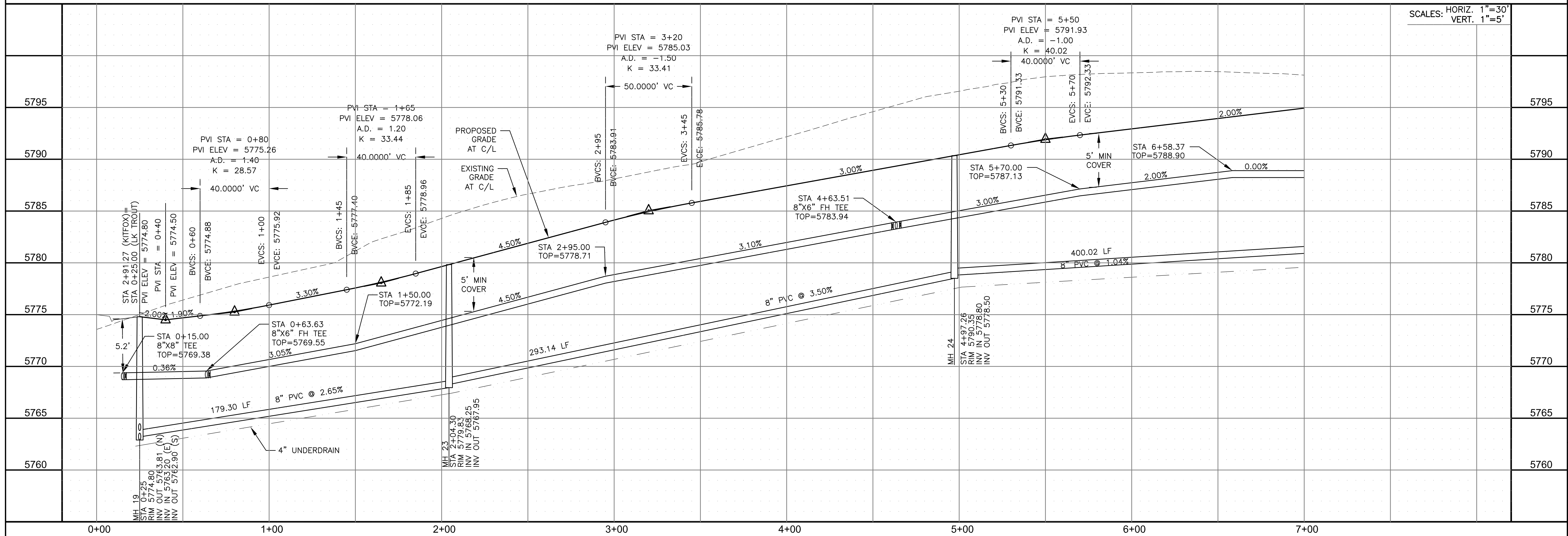
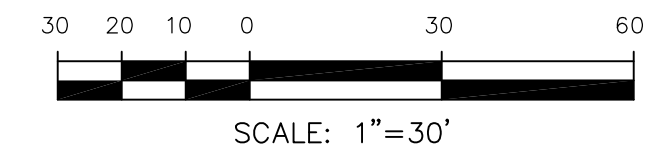
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S



KEY MAP
AREA 'E/G'



LAKE TROUT DR



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

DATE: _____
DESCRIPTION: _____
NO. _____
PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
212 N. WAHSATCH AVE., SUITE 301
COLORADO SPRINGS, COLORADO 80903
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

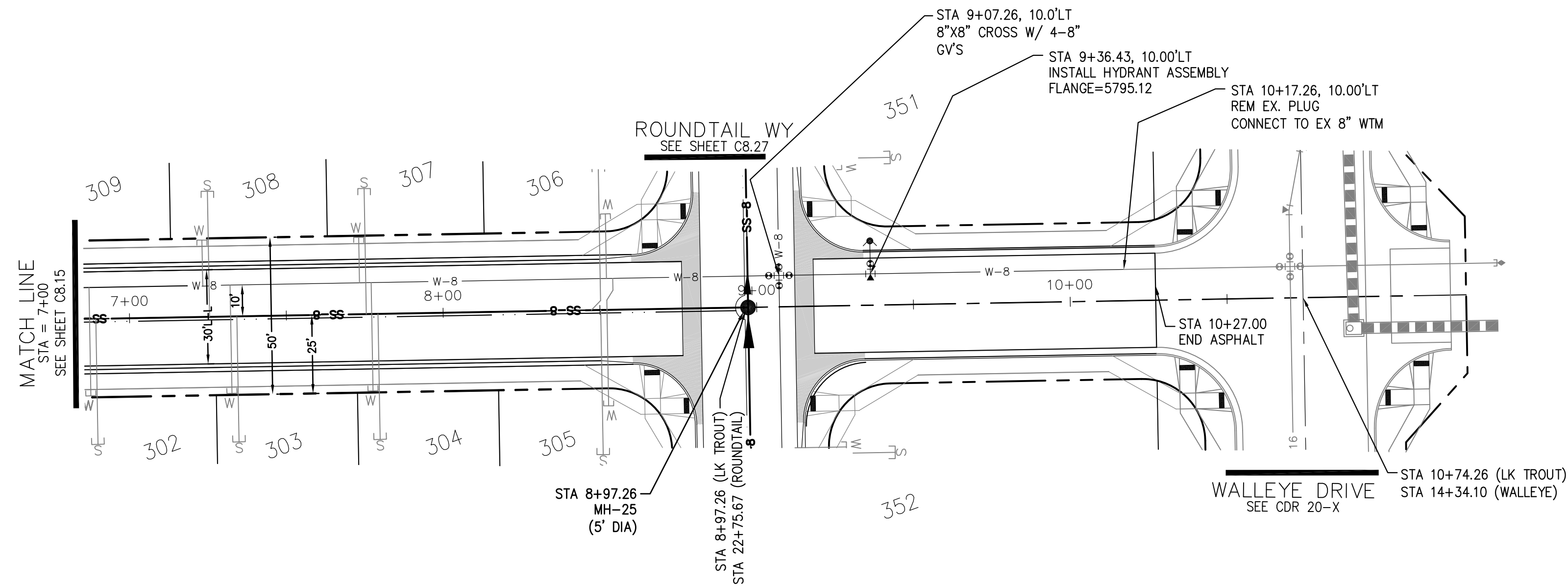
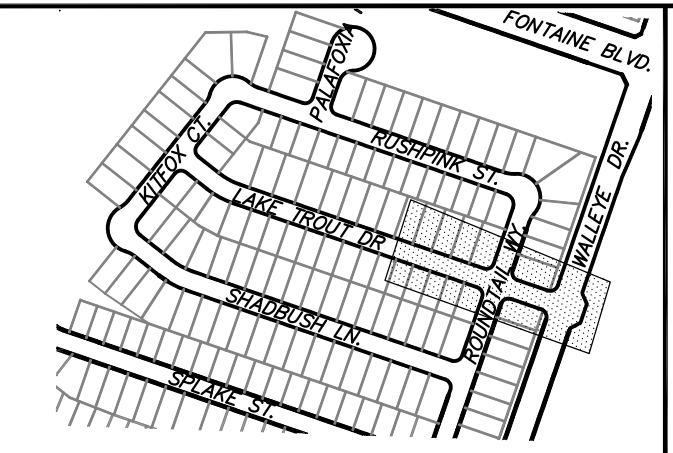
WATER / SANITARY - AREA 'E/G'
LAKE TROUT DR
STA 0+00 TO 7+00



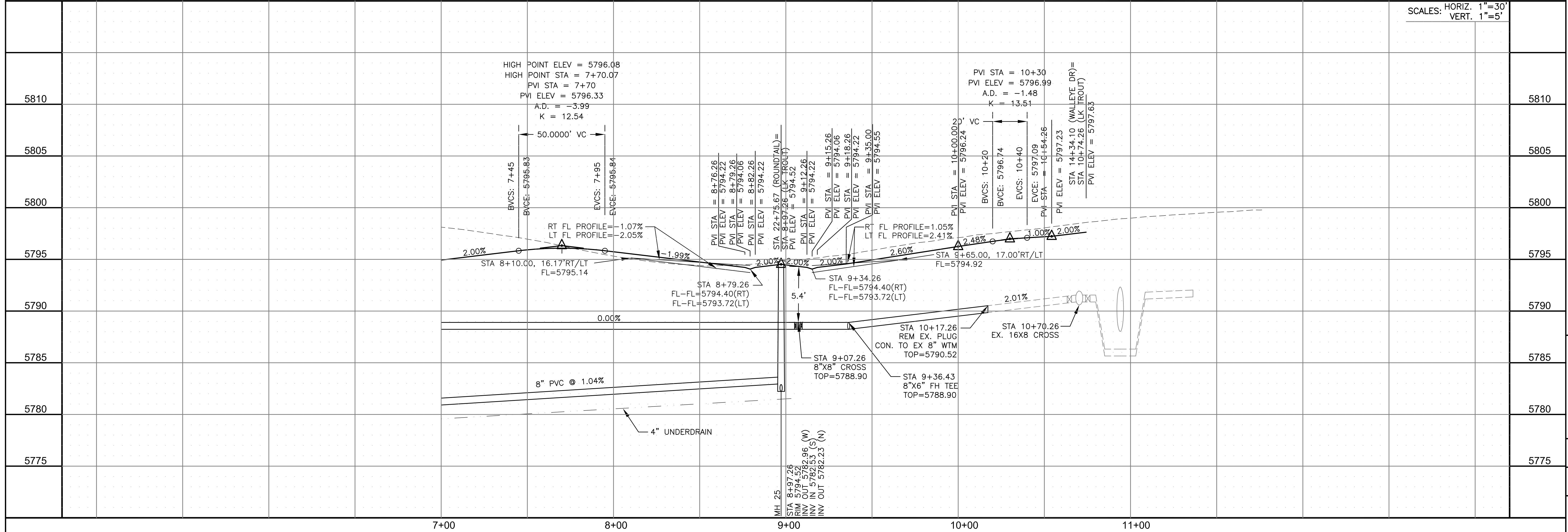
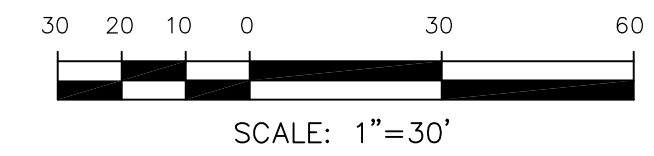
DATE: NOV 12, 2020
PROJECT NO. 100.062
SHEET NUMBER C8.15
TOTAL SHEETS: 40

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



LAKE TROUT DR



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. _____
PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
FOUNTAIN 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

WATER / SANITARY - AREA 'E / G'
LAKE TROUT DR
STA 7+00 TO 10+27



DATE: NOV 12, 2020

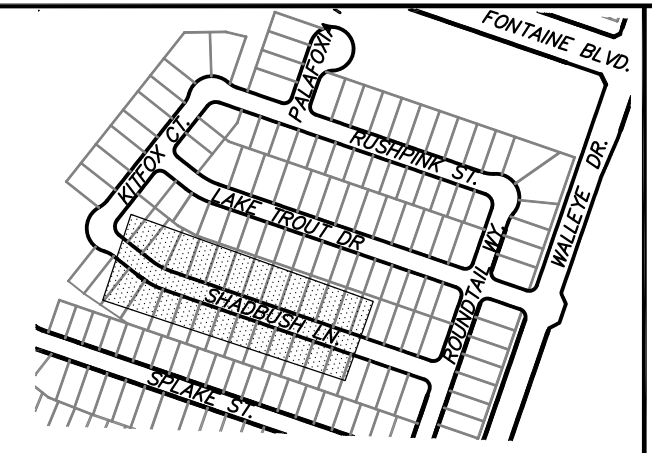
PROJECT NO. 100.062

SHEET NUMBER C8.16

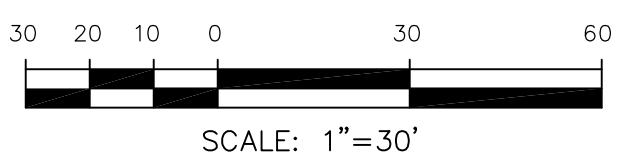
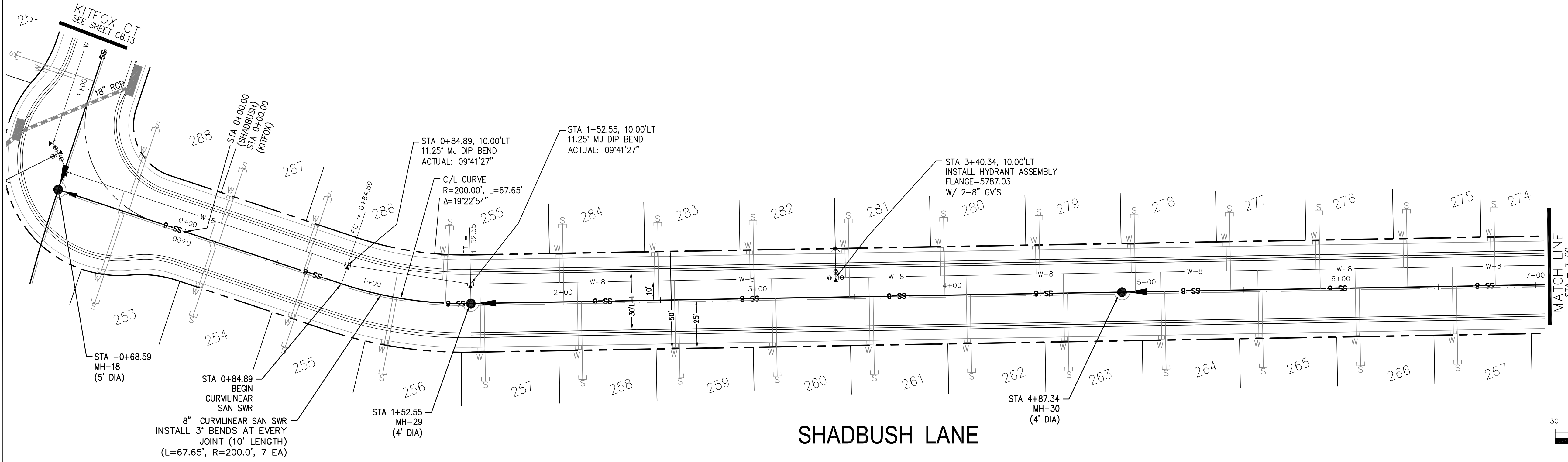
TOTAL SHEETS: 40

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



KEY MAP
AREA 'E/G'



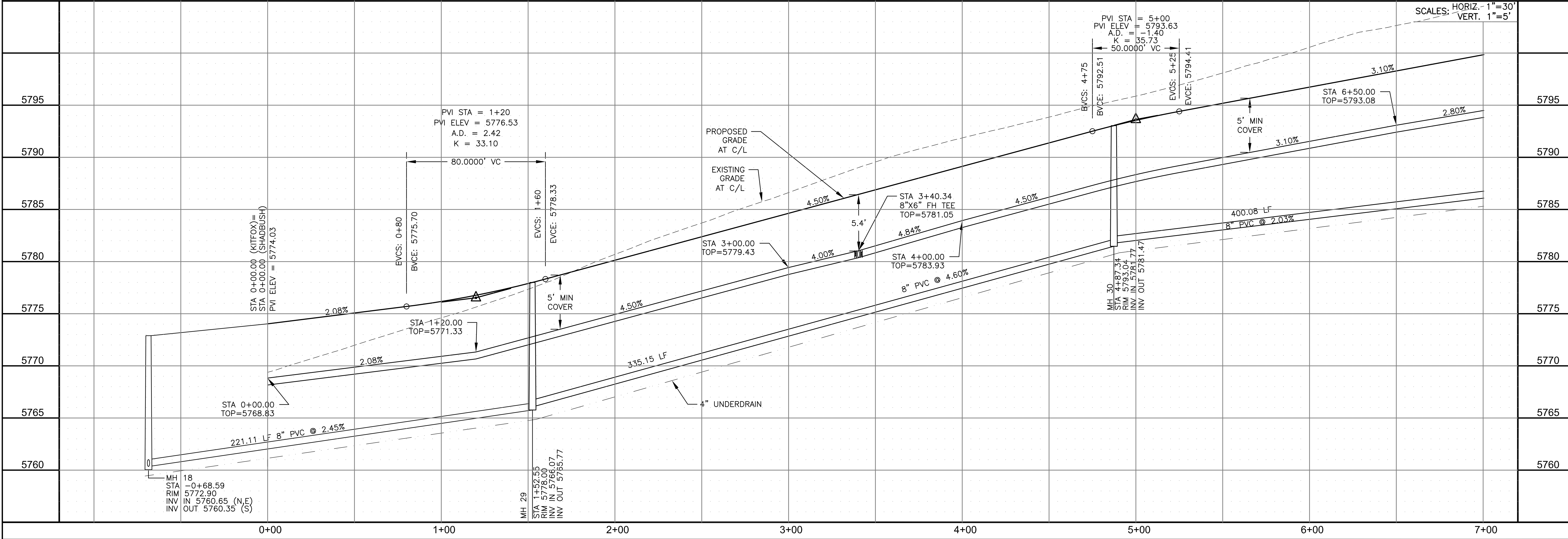
CORE ENGINEERING GROUP
15004 1ST AVENUE S.
BURNING WOODS, CO 80903
PH: 719.570.1100
CONTACT: RICHARD L. SCHINDLER, P.E.
EMAIL: Rich@cegi.com

DATE: _____
DESCRIPTION: _____
NO: _____

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

DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

PROJECT:
THE HILLS AT LORSON RANCH FILING NO. 1
FOUNTAIN BLVD, WALKER DR
COLORADO SPRINGS, COLORADO



DATE:
NOV 12, 2020

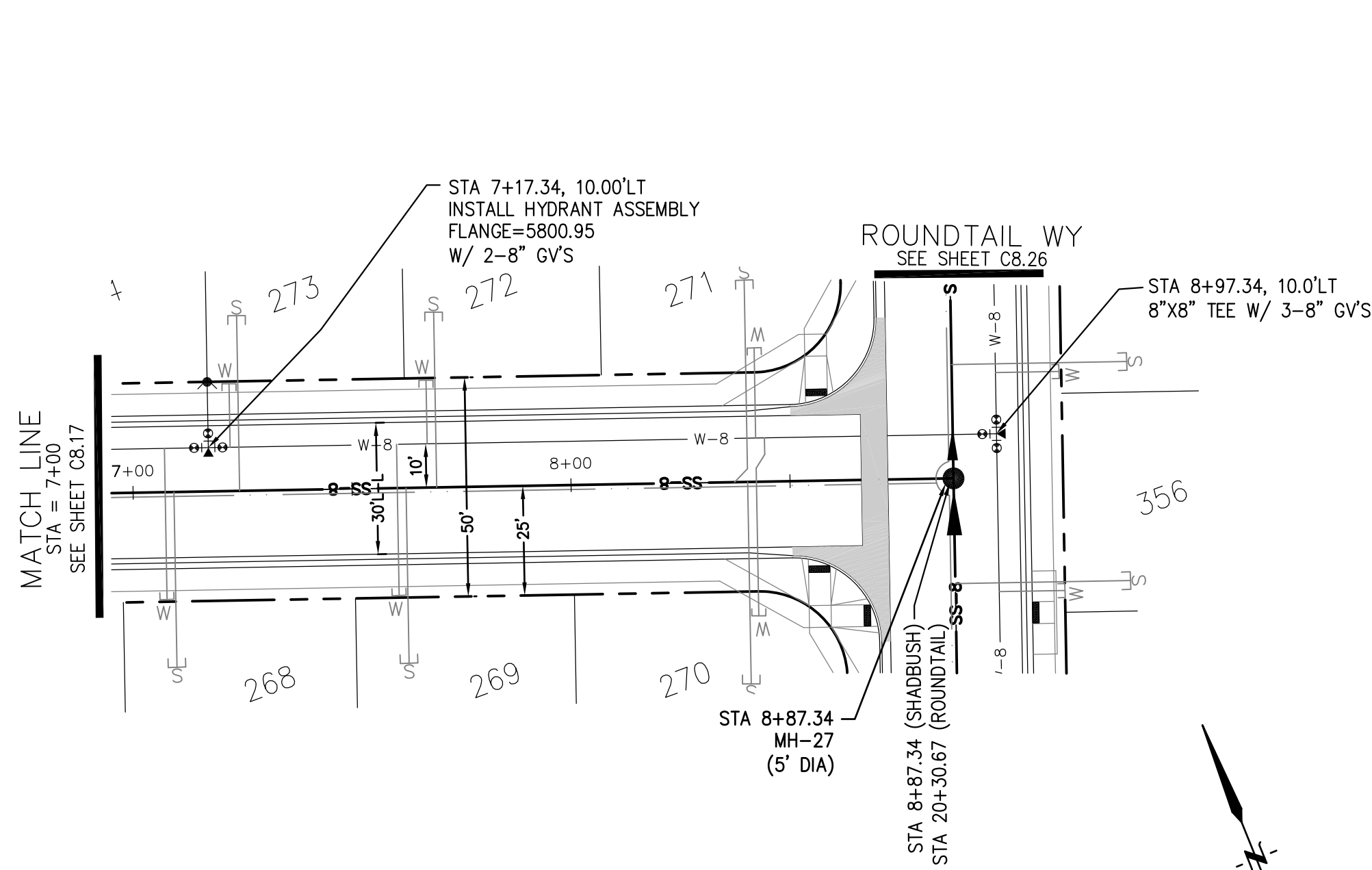
PROJECT NO.
100.062

SHEET NUMBER
C8.17

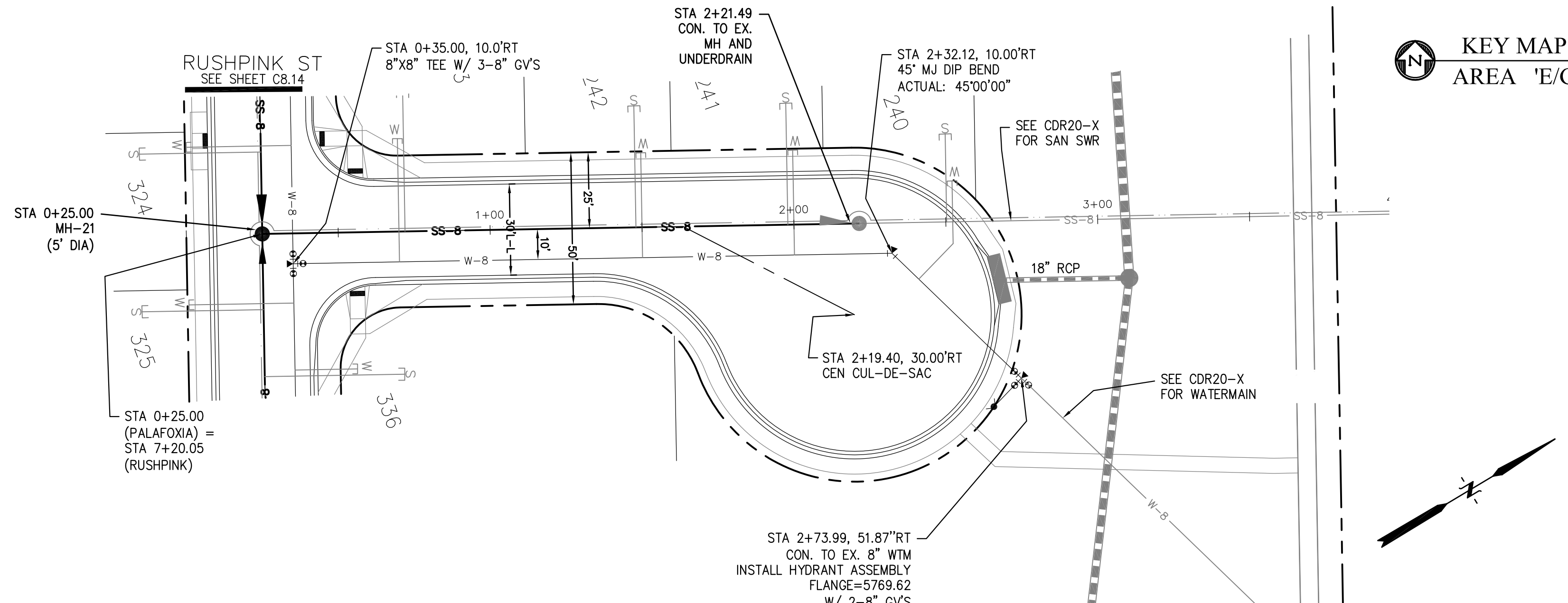
TOTAL SHEETS: 40

NOTES

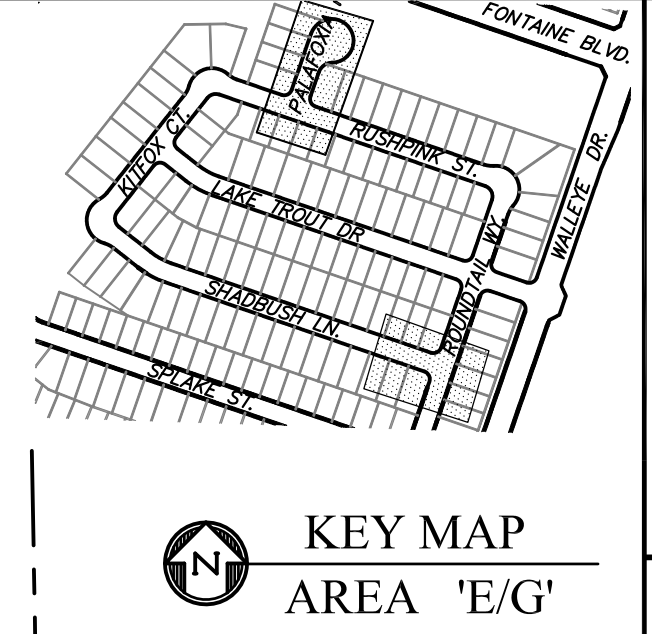
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE.
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP.
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S



SHADBUSH LANE



PALAFOXIA PLACE

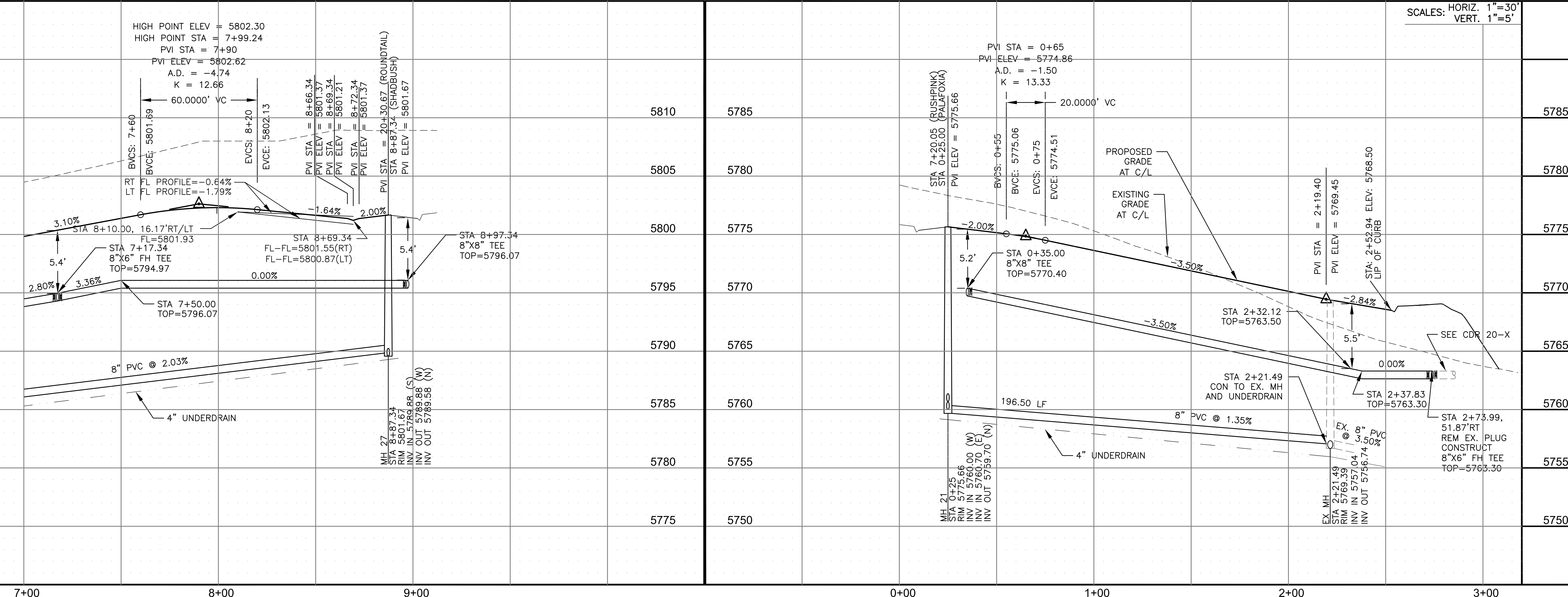


KEY MAP
AREA 'E/G'

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 HILLS AT LORSON RANCH FILING NO. 1**
FOR ANNE BLAUGHER, 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



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

WATER / SANITARY - AREA 'E/G'
SHADBUSH LN & PALAFOXIA PL
STA 7+00 TO 10+27



DATE: NOV 12, 2020

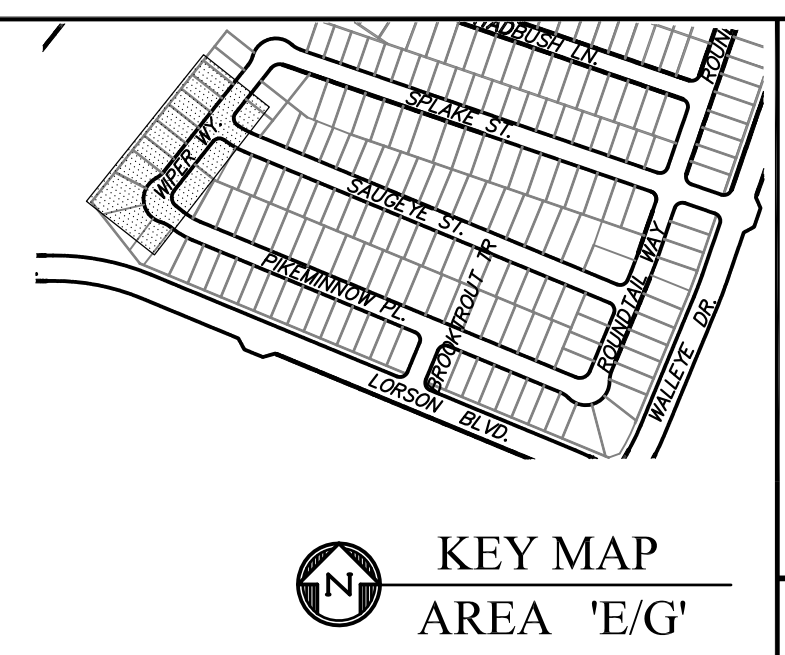
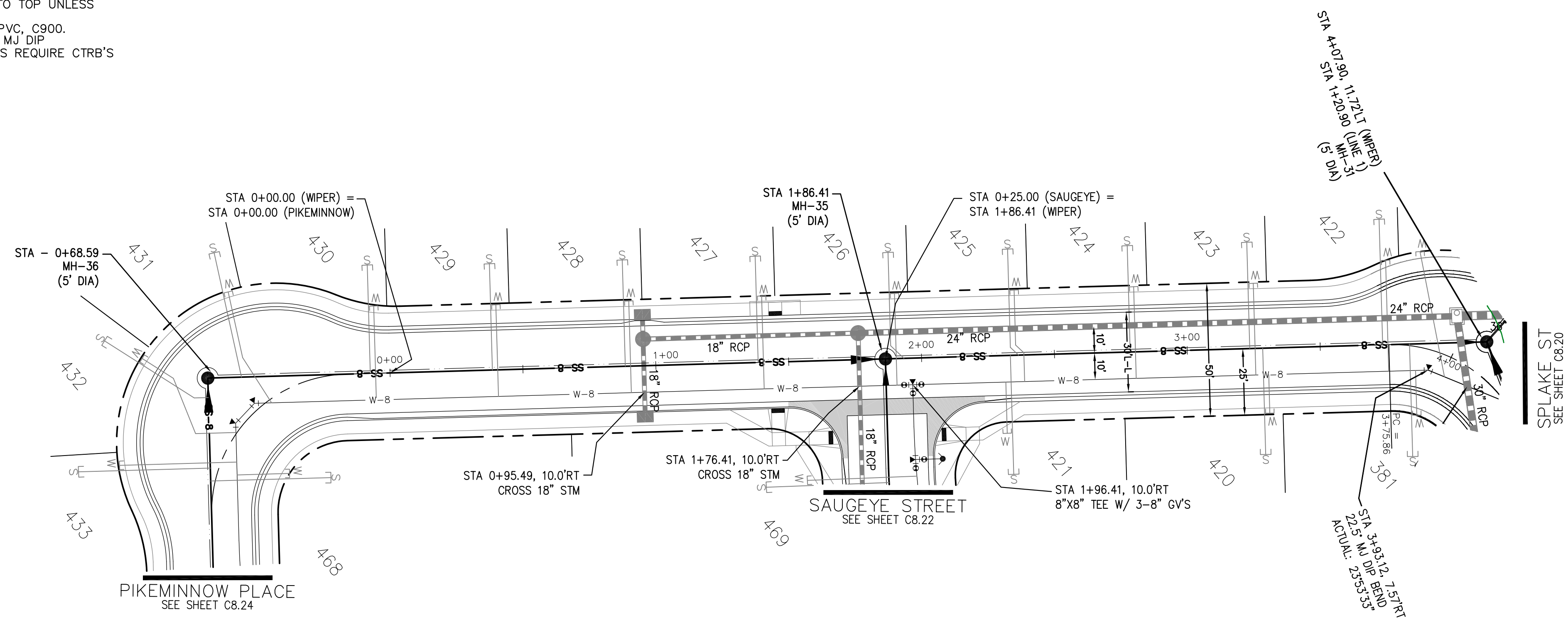
PROJECT NO. 100.062

SHEET NUMBER C8.18

TOTAL SHEETS: 40

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

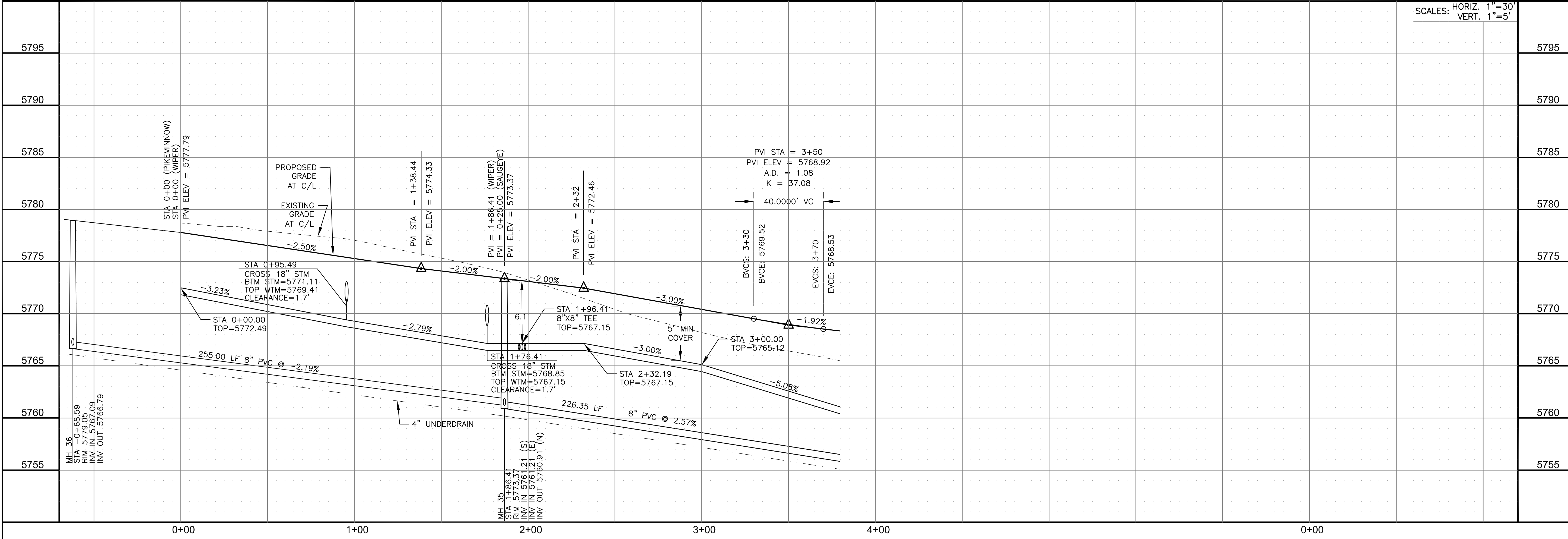
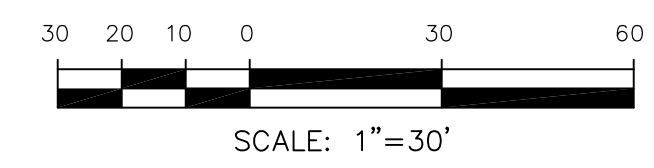


CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BIRCH CREEK, CO 80150
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@ceg1.com

DATE: _____
 DESCRIPTION: _____
 NO. _____
 PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
 FOR ANNE BLUMELLE, 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

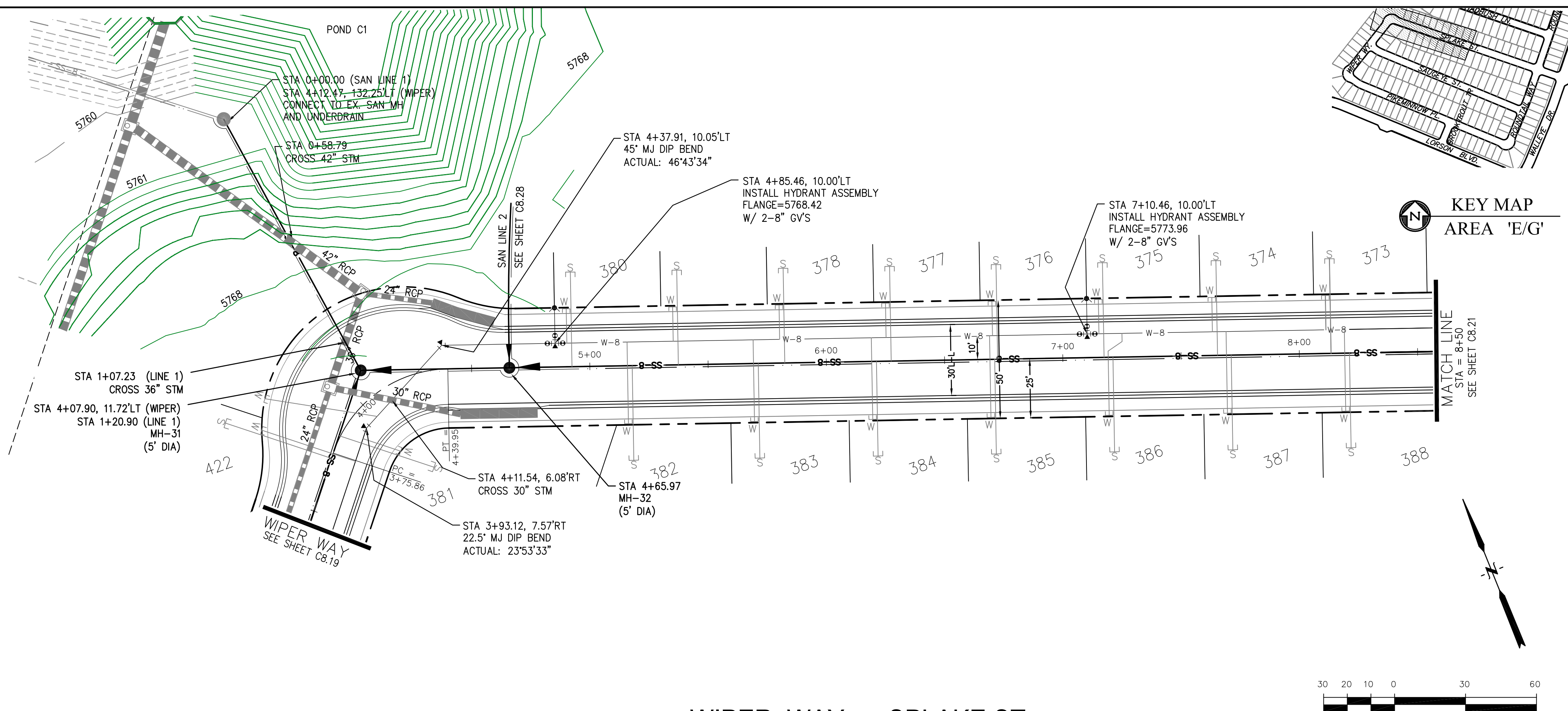
WIPER WAY



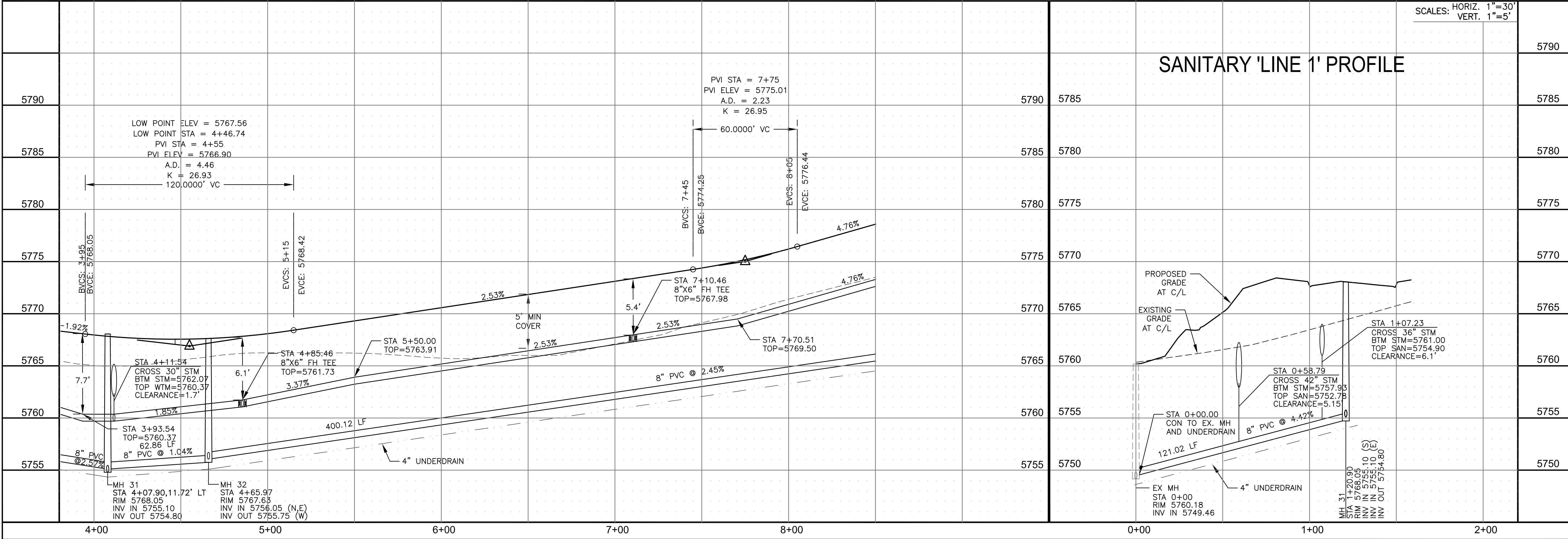
WATER / SANITARY - AREA 'E / G'
WIPER WAY
STA 0+00 TO 3+90



DATE: NOV 12, 2020
 PROJECT NO. 100.062
 SHEET NUMBER C8.19
 TOTAL SHEETS: 40



WIPER WAY - SPLAKE ST



SANITARY 'LINE 1' PROFILE

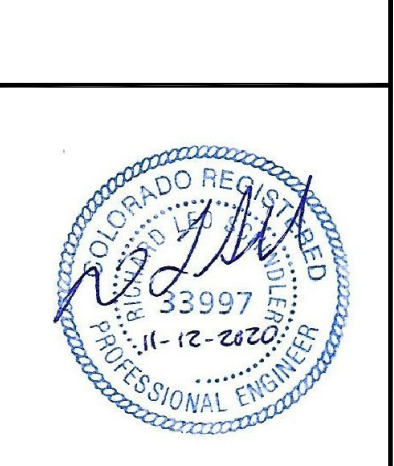
CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BURNING WOODS, CO 80506
 PH: 719 570 1100
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@cegi.com

DATE: _____
 DESCRIPTION: _____
 NO. _____

PREPARED FOR:
LORSON, LLC
 212 N. WAHSATCH AVE., SUITE 301
 COLORADO SPRINGS, COLORADO 80903
 PROJECT:
THE HILLS AT LORSON RANCH FILING NO. 1
 FONTAINE BLVD. WALLEY DR
 COLORADO SPRINGS, COLORADO
 CONTACT: JEFF MARK

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

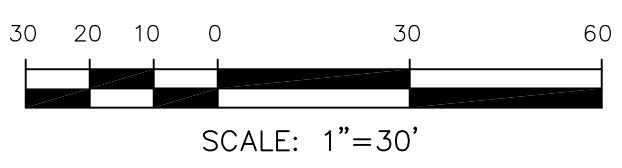
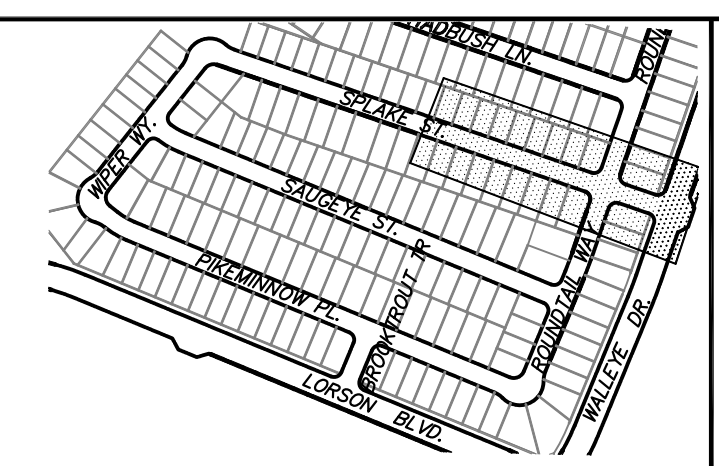
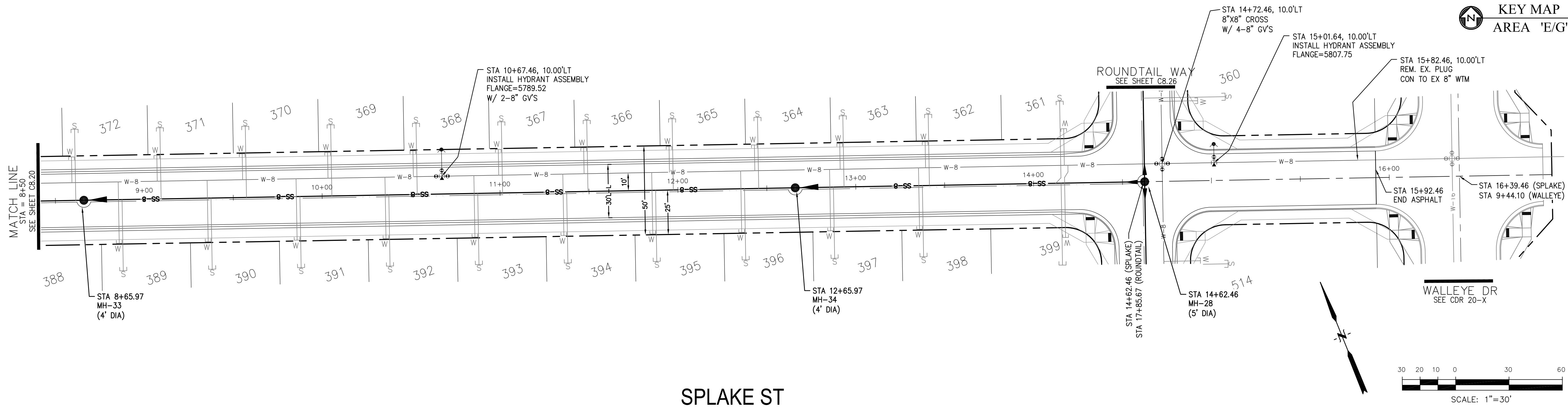
WATER / SANITARY - AREA 'E / G'
 WIPER WAY - SPLAKE STREET
 STA 3+90 TO 8+50



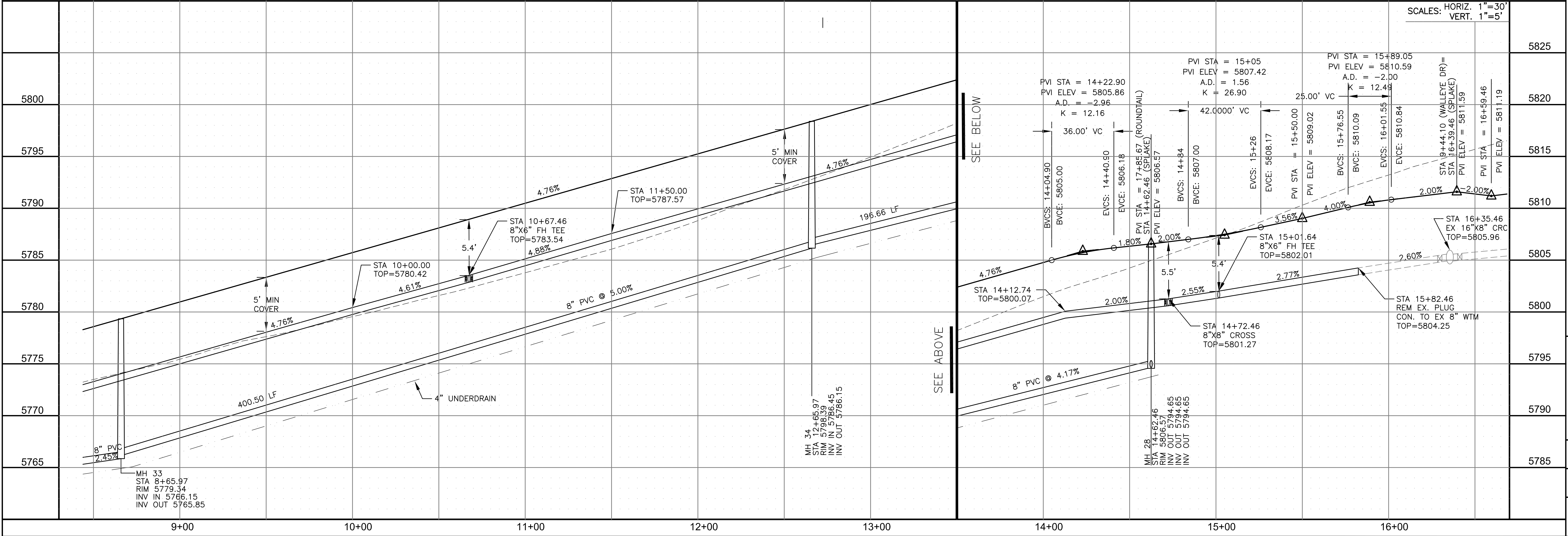
DATE:
 NOV 12, 2020
 PROJECT NO.
 100.062
 SHEET NUMBER
 C8.20
 TOTAL SHEETS: 40

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



SPLAKE ST



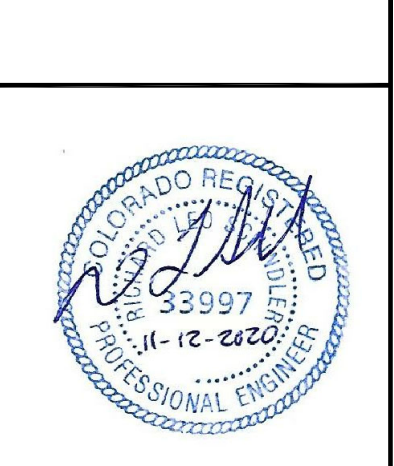
CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BURNING WOOD, CO 80903
 PH: 719.570.1100
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@ceg1.com

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 HILLS AT LORSON RANCH FILING NO. 1
 FONTAINE BLVD WALLEYE DR
 COLORADO SPRINGS, COLORADO

WATER / SANITARY - AREA 'E/G'
SPLAKE STREET
STA 8+50 TO 15+92



DATE:
 NOV 12, 2020

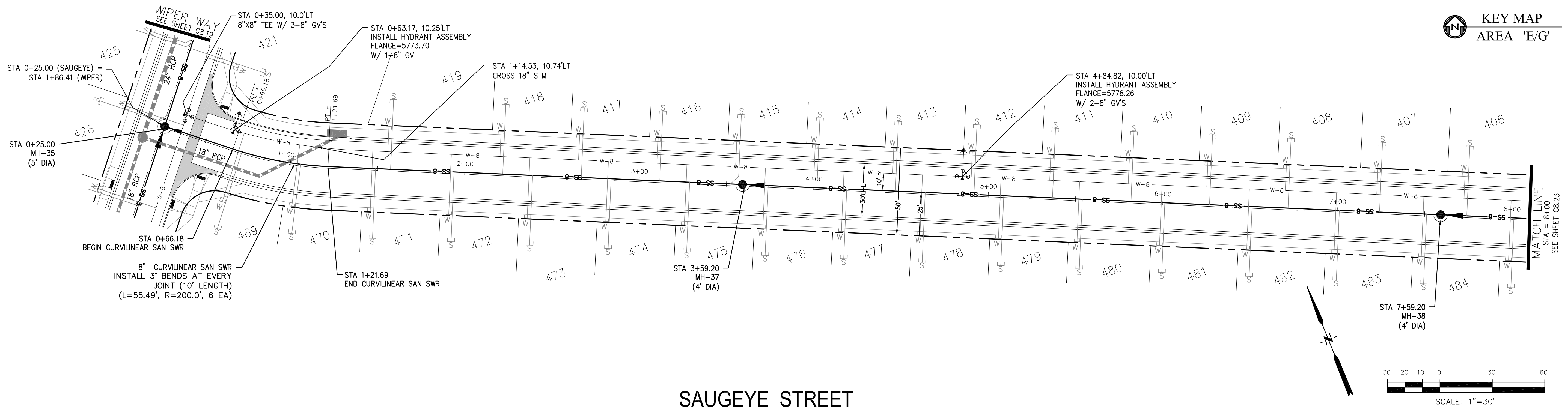
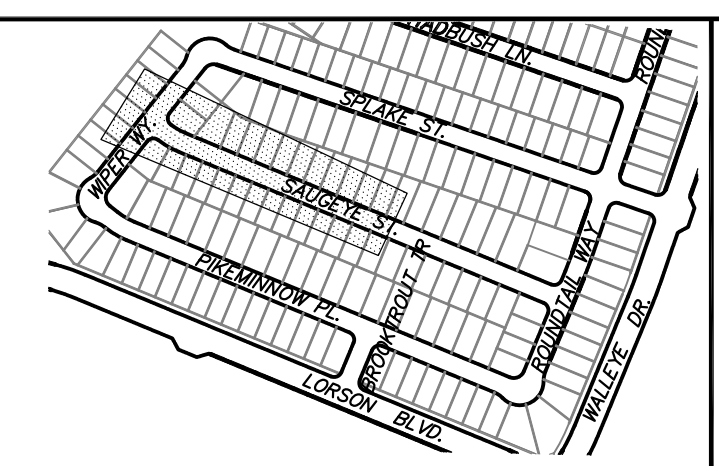
PROJECT NO.
 100.062

SHEET NUMBER
 C8.21

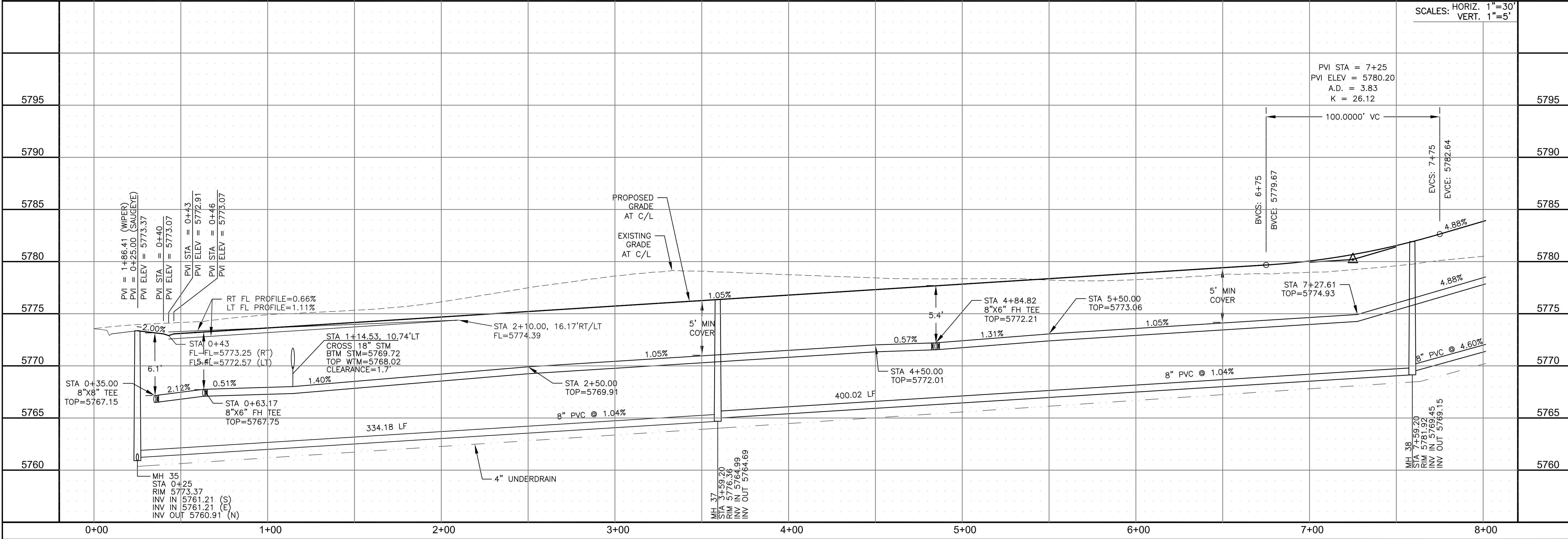
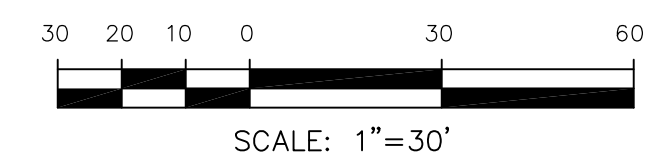
TOTAL SHEETS: 40

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



SAUGEYE STREET



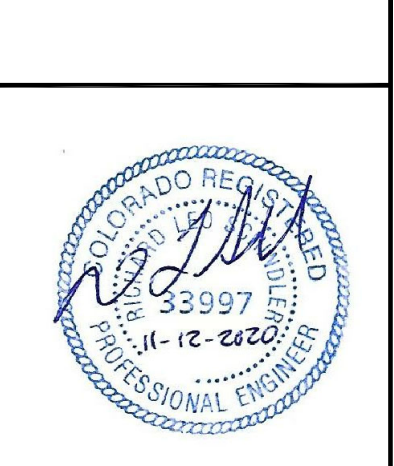
CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BURNING WOODS, CO 80903
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@cegi.com

DATE: _____
 DESCRIPTION: _____
 NO. _____
 DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS

PROJECT: THE HILLS AT LORSON RANCH FILING NO. 1
 FONTAINE BLVD WALLEE 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

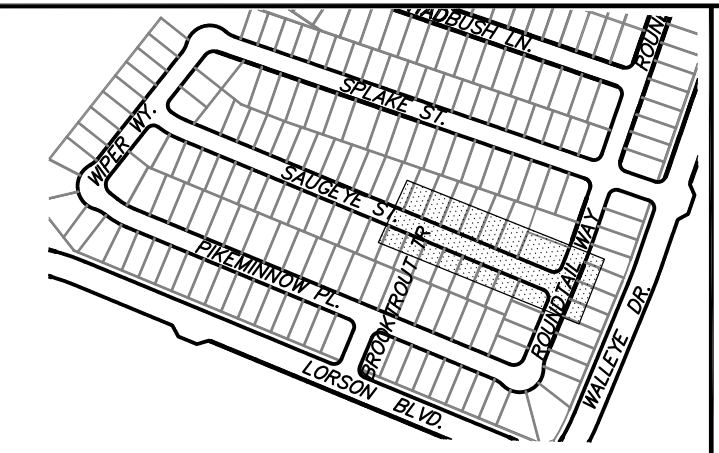
WATER / SANITARY - AREA 'E / G'
 SAUGEYE STREET
 STA 0+00 TO 8+00



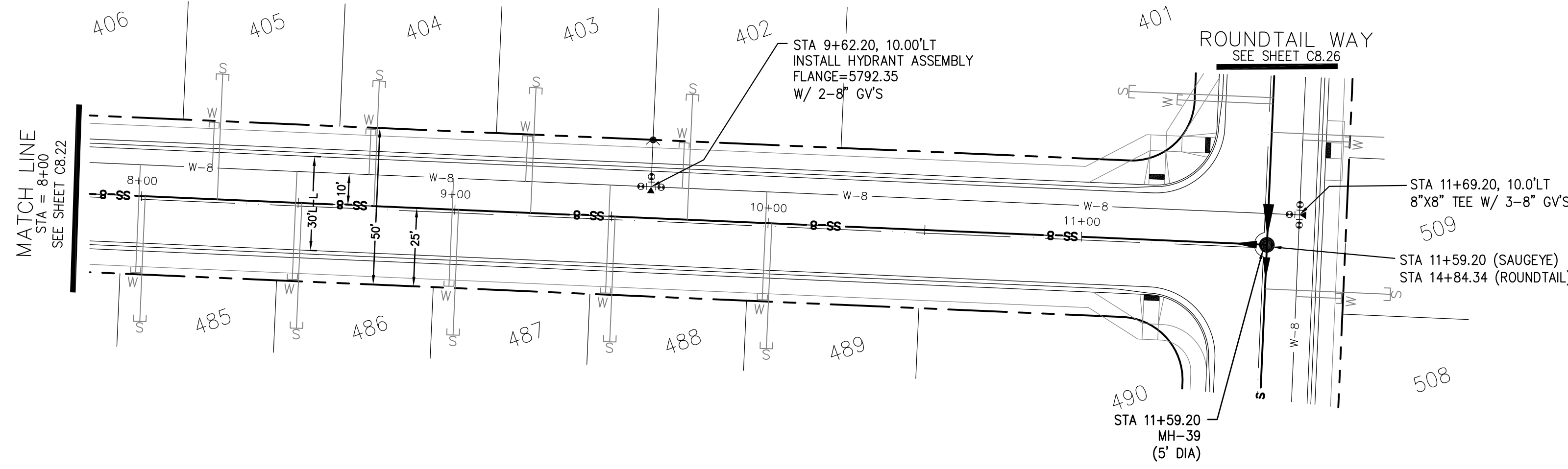
DATE: NOV 12, 2020
 PROJECT NO. 100.062
 SHEET NUMBER C8.22
 TOTAL SHEETS: 40

NOTES

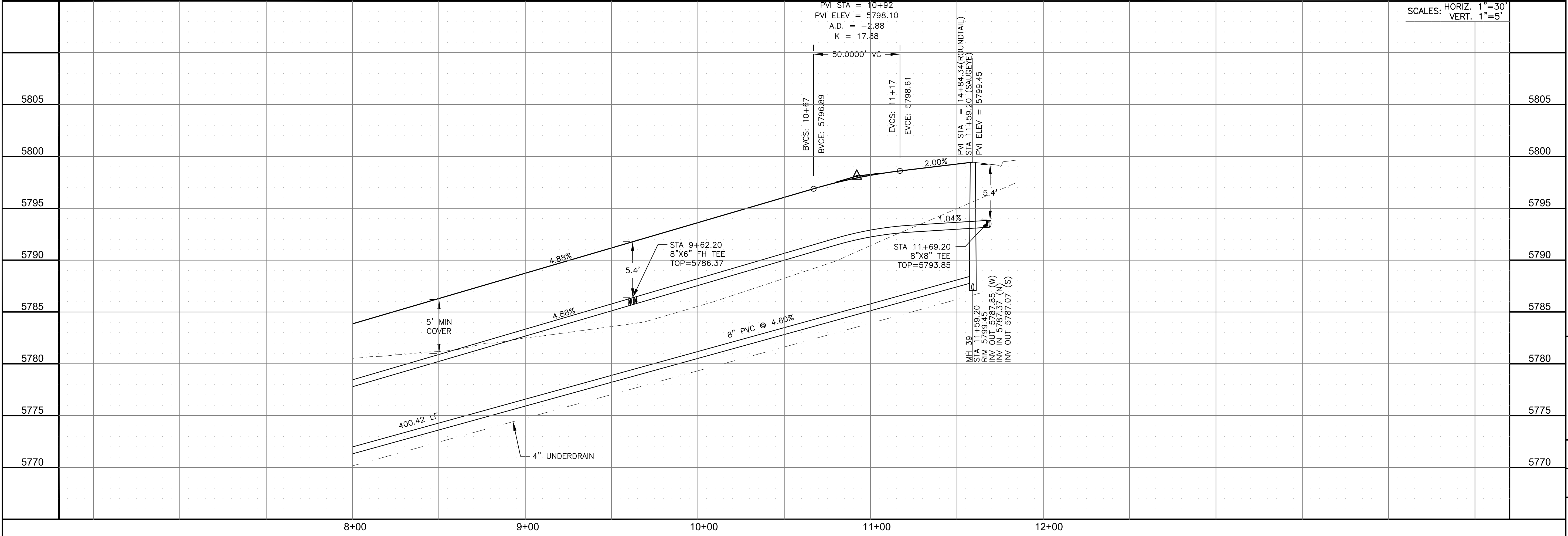
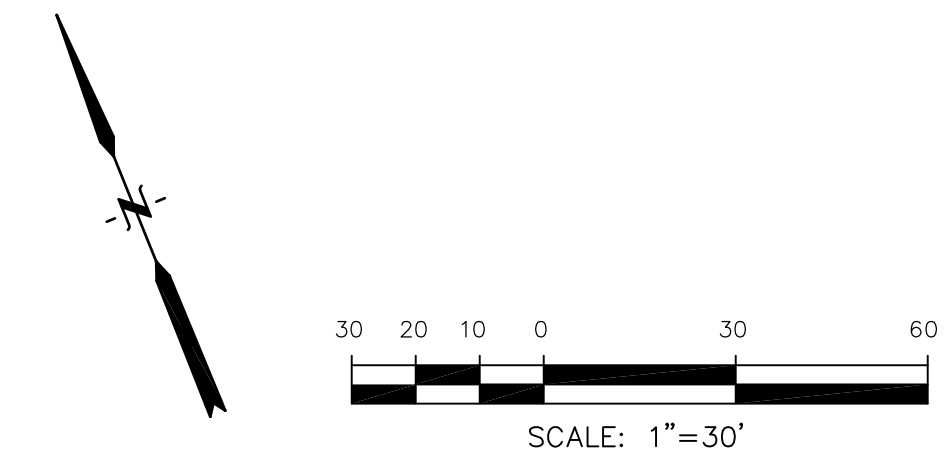
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S



KEY MAP
AREA 'E/G'



SAUGEYE STREET



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. _____
PROJECT: THE HILLS AT LORSON RANCH FILING NO. 1
FOR ANNE BLUMBAUM, 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

STREET / STORM - AREA 'E / G'
SAUGEYE STREET
STA 8+00 TO 11+59



DATE:
NOV 12, 2020

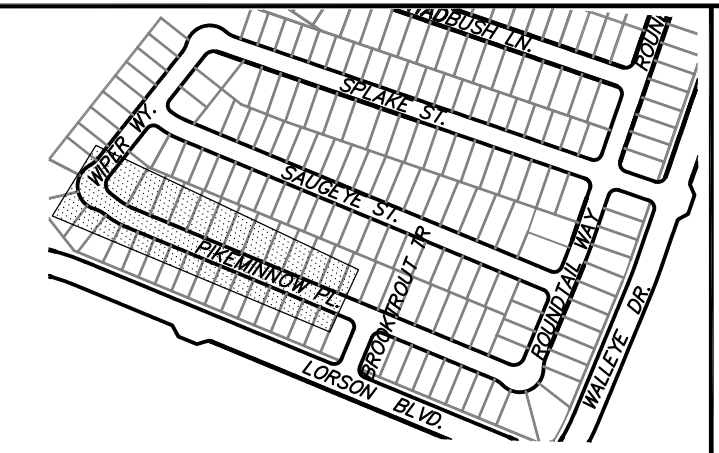
PROJECT NO.
100.062

SHEET NUMBER
C8.23

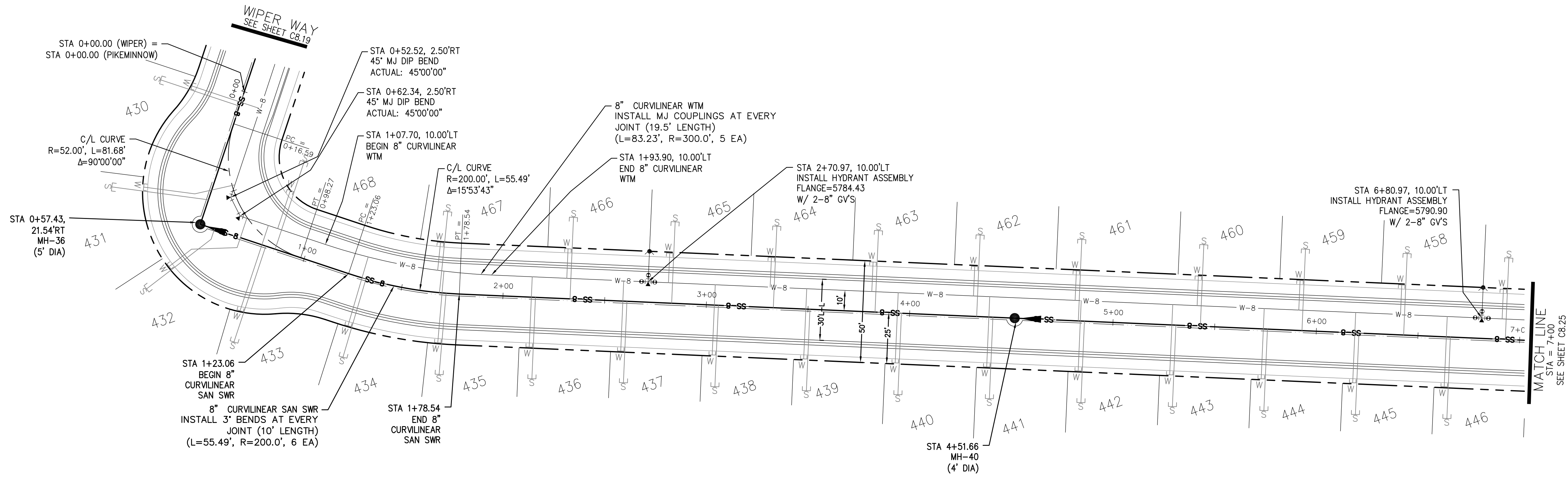
TOTAL SHEETS: 40

NOTES

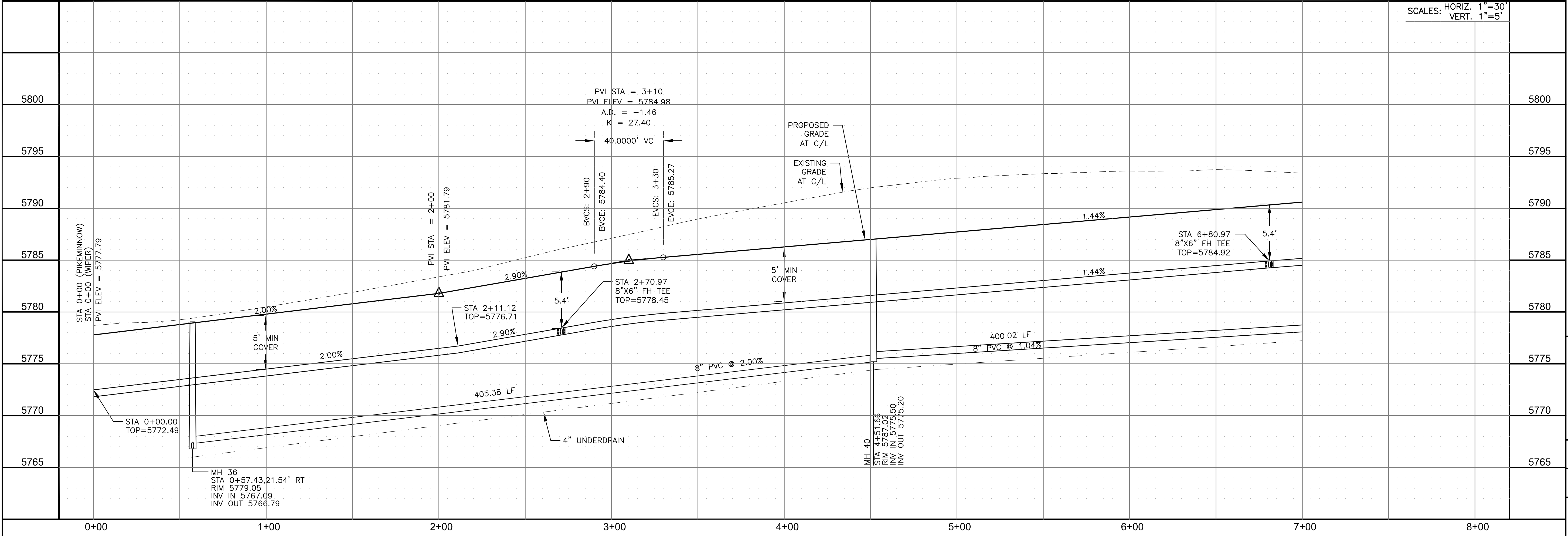
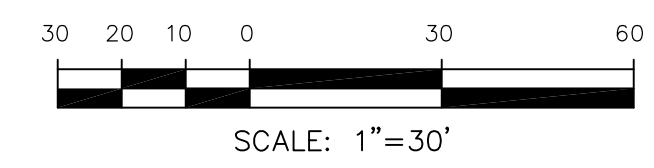
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S



KEY MAP
AREA 'E/G'



PIKEMINNOW PLACE



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

CORE ENGINEERING GROUP
15004 1ST AVENUE S.
DENVER, CO 80202
PHONE: 727.570.1100
CONTACT: RICHARD L. SCHINDLER, P.E.
EMAIL: Rich@cegi.com

DATE: _____
DESCRIPTION: _____
NO. _____
PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
FOR THE: **LORSON, LLC**
212 N. WAHSATCH AVE., SUITE 301
COLORADO SPRINGS, COLORADO 80903
CONTACT: JEFF MARK

DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

WATER / SANITARY - AREA 'E / G'
PIKEMINNOW PLACE
STA 0+00 TO 7+00



DATE:
NOV 12, 2020

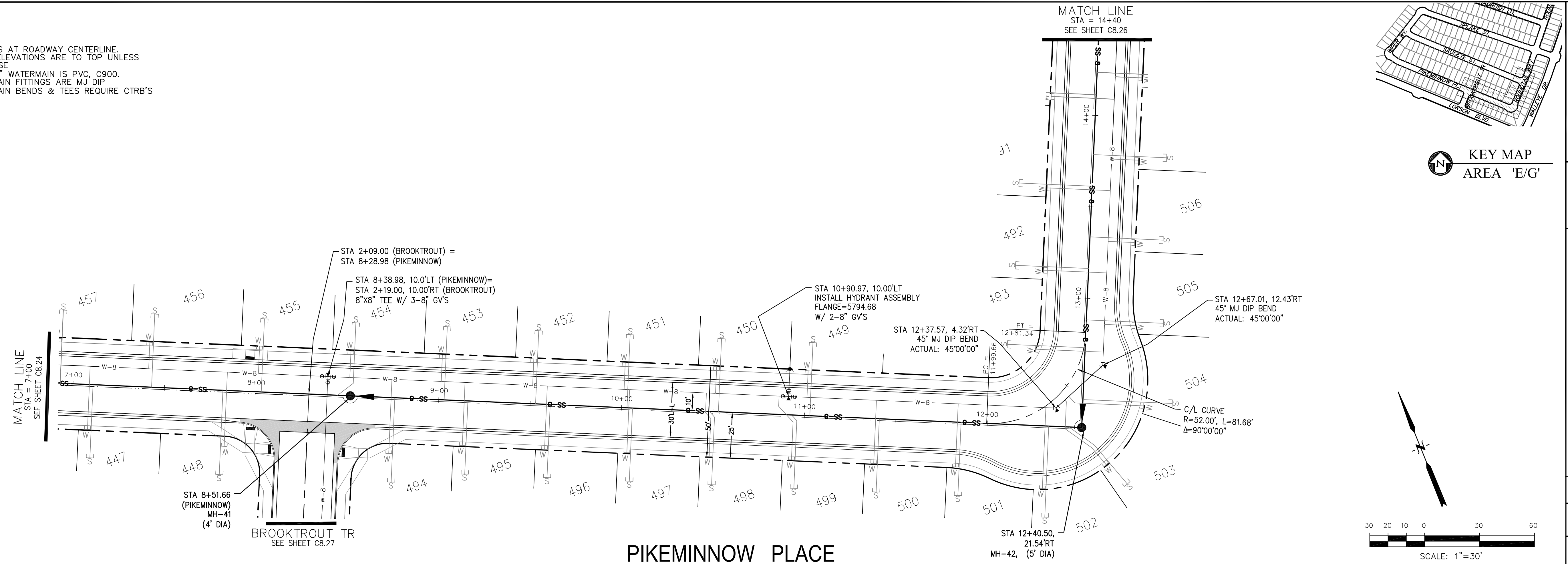
PROJECT NO.
100.062

SHEET NUMBER
C8.24

TOTAL SHEETS: 40

NOTES

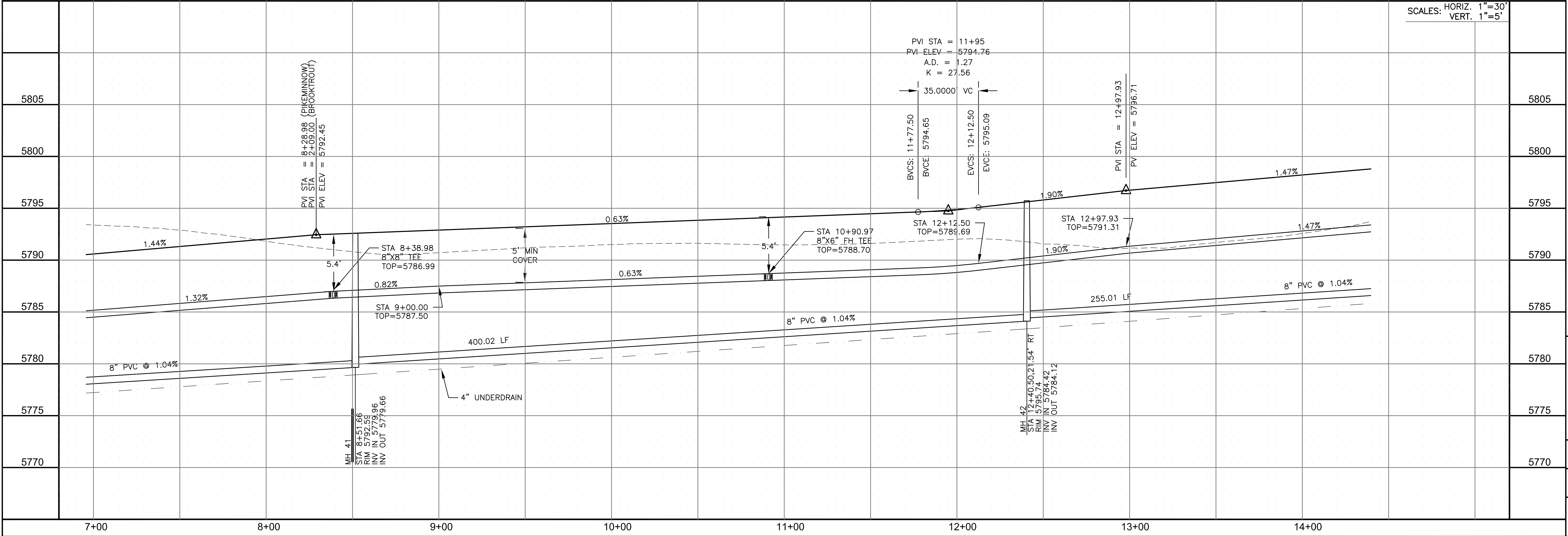
1. STATIONING IS AT ROADWAY CENTERLINE.
2. WATERMAIN ELEVATIONS ARE TO TOP UNLESS NOTED OTHERWISE
3. ALL 8" & 12" WATERMAIN IS PVC, C900.
4. ALL WATERMAIN FITTINGS ARE MJ DIP
5. ALL WATERMAIN BENDS & TEES REQUIRE CTRB'S



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

DATE: _____
 DESCRIPTION: _____
 NO. _____
 PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
 FONTAINE BLVD. WALLEE 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



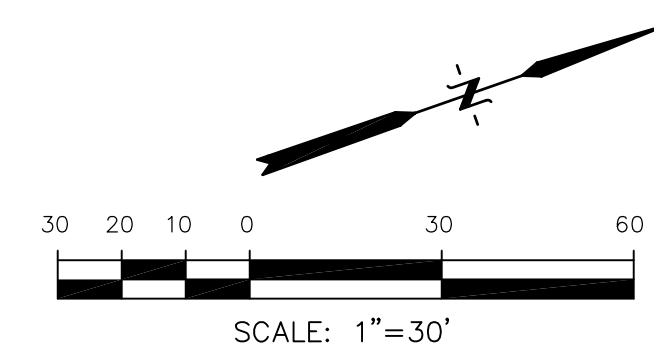
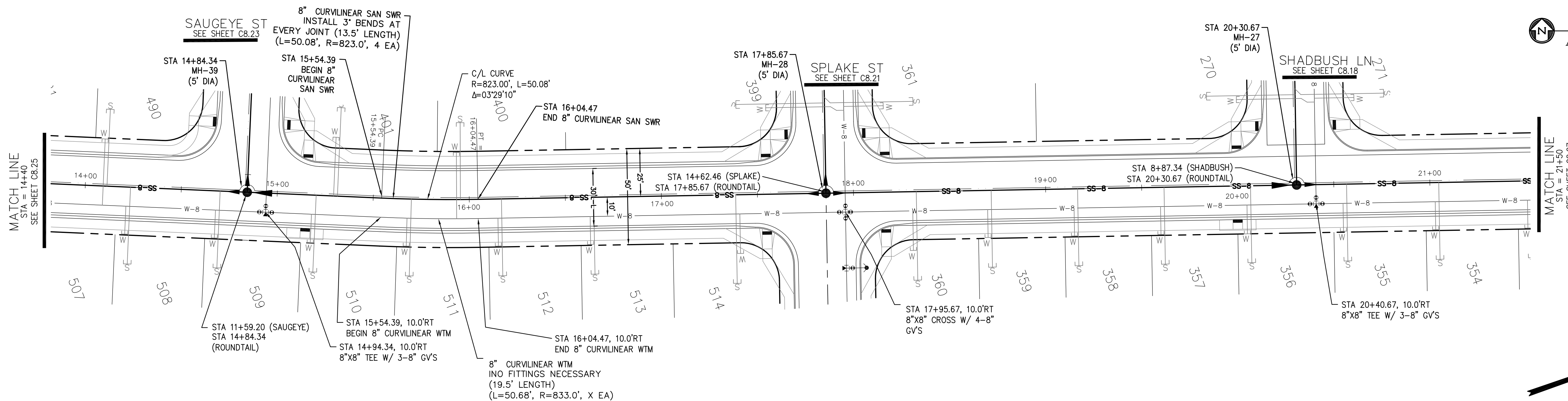
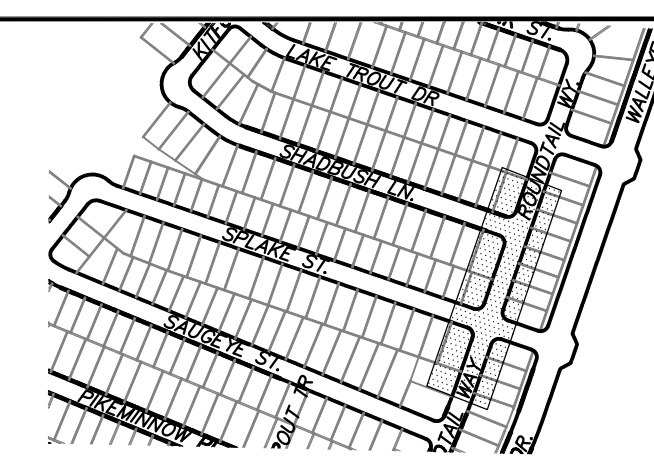
WATER / SANITARY - AREA 'E/G'
 PIKEMINNOW PLACE
 STA 7+00 TO 14+40



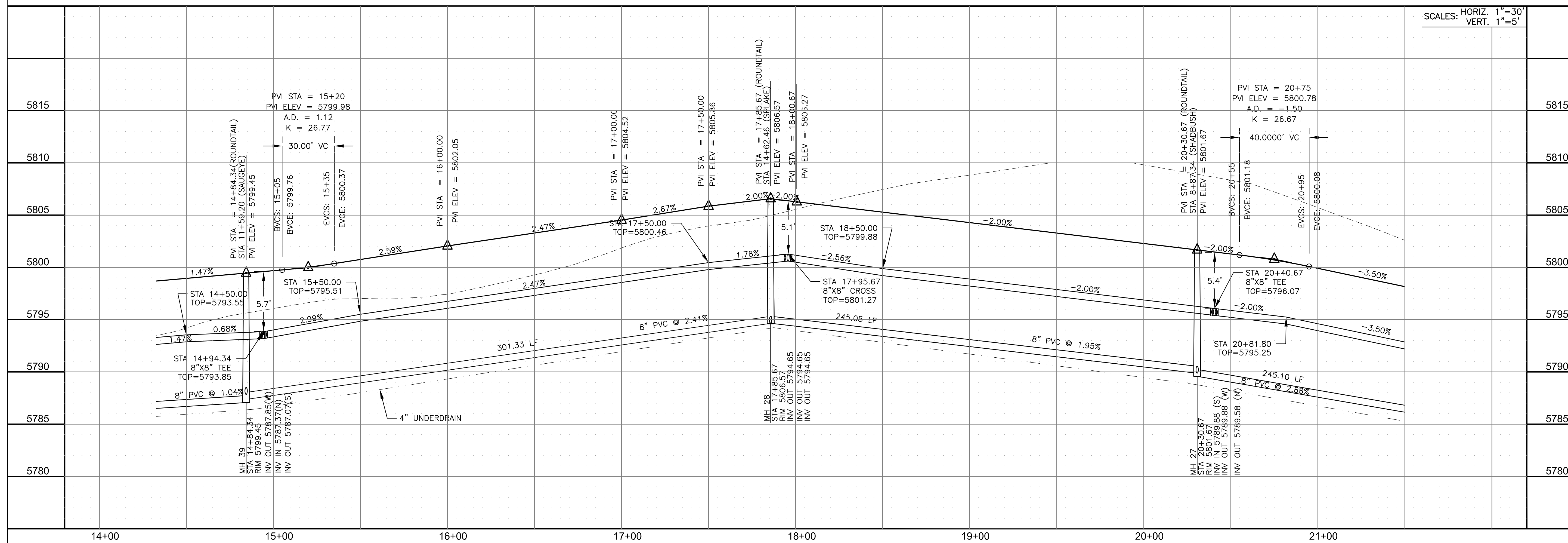
DATE: NOV 12, 2020
 PROJECT NO. 100.062
 SHEET NUMBER C8.25
 TOTAL SHEETS: 40

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



ROUNDTAIL 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@ceg1.com

DATE: _____
DESCRIPTION: _____
NO. _____
PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
FOR ANNE BLUMELLE 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

WATER / SANITARY - AREA 'E/G'
ROUNDTAIL WAY
STA 14+40 TO 21+50



DATE: NOV 12, 2020

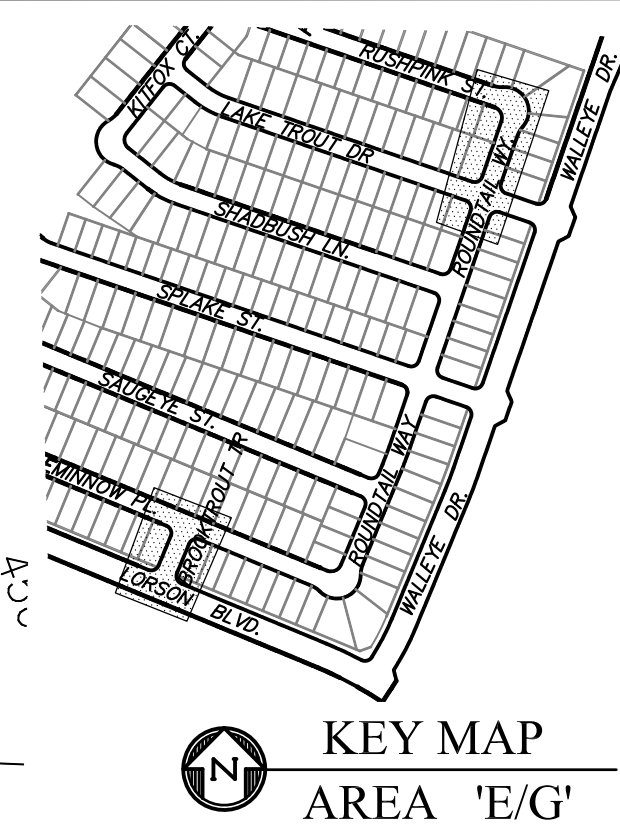
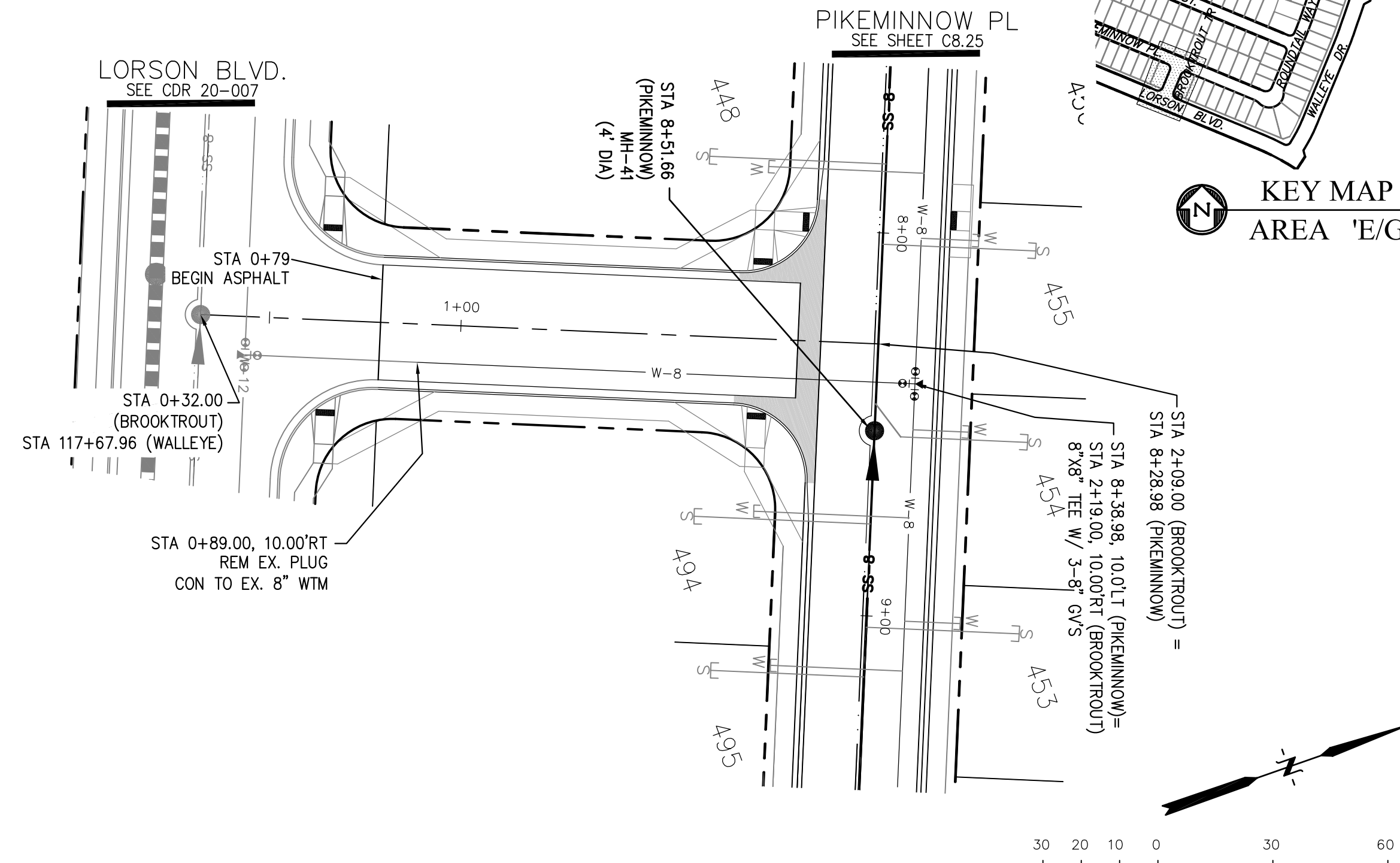
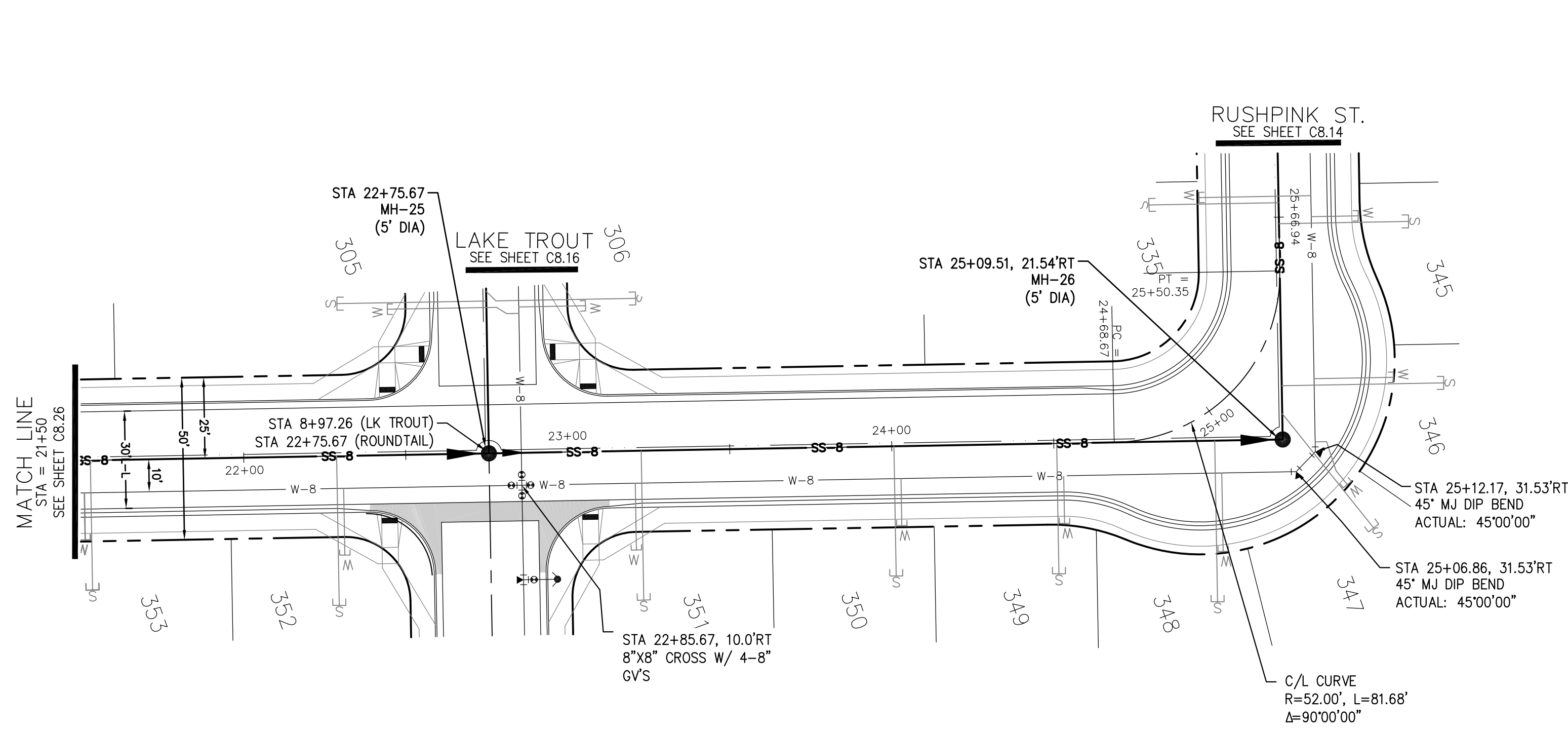
PROJECT NO. 100.062

SHEET NUMBER C8.26

TOTAL SHEETS: 40

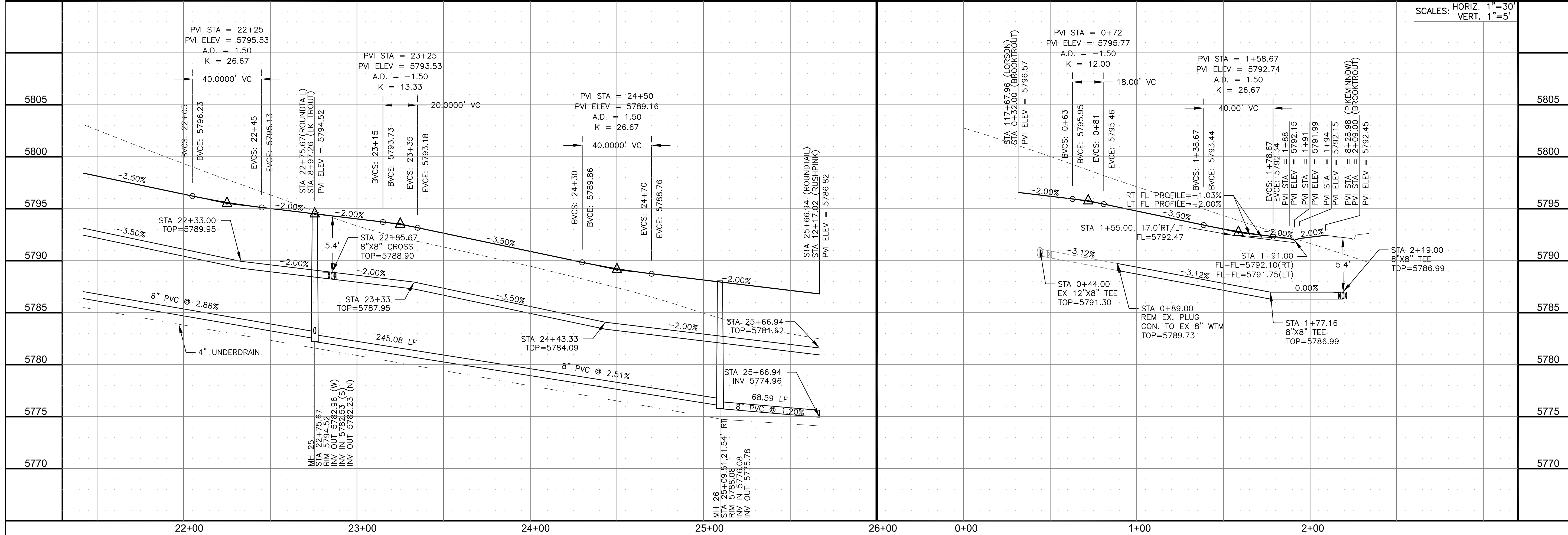
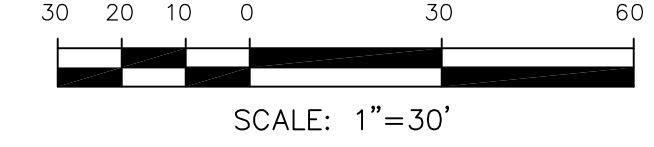
NOTES

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



ROUNDTAIL WAY

BROOKTROUT TRAIL



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

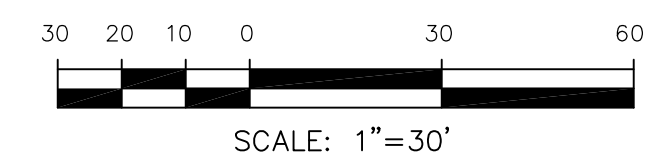
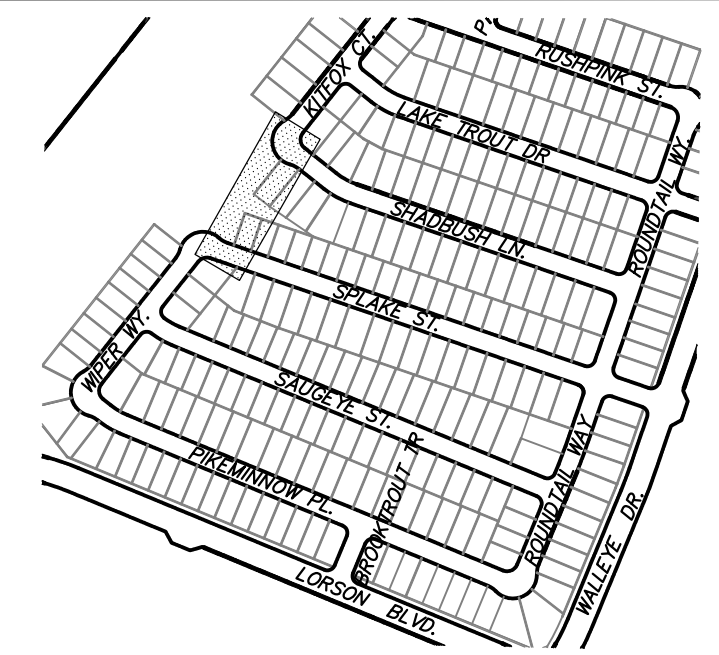
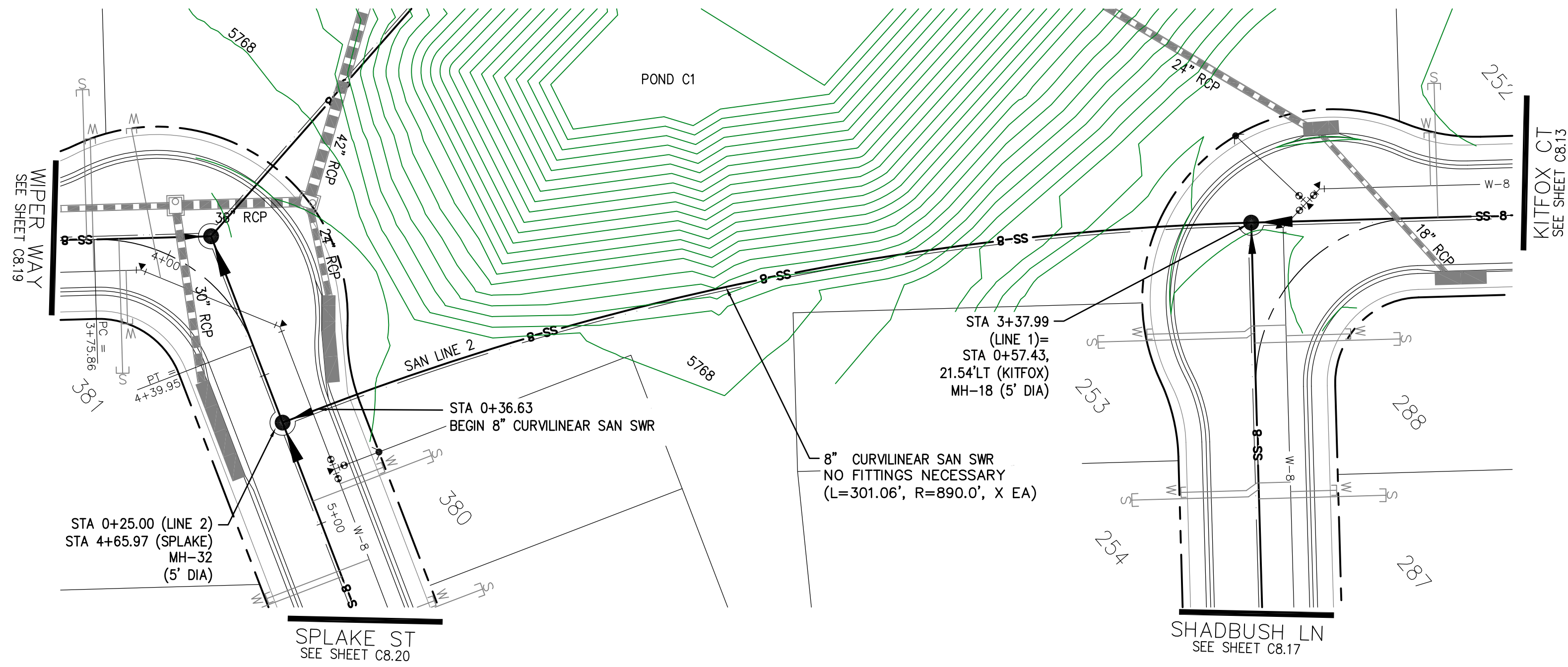
THE HILLS AT LORSON
 RANCH FILING NO. 1
 FONTAINE BLVD. WALLEYE DR
 COLORADO SPRINGS, COLORADO



DATE:
 NOV 12, 2020

PROJECT NO.
 100.062
 SHEET NUMBER
 C8.27
 TOTAL SHEETS: 40

WATER / SANITARY - AREA 'E/G'
ROUNDTAIL WAY & BROOKTROUT TRAIL
STA 21+50 TO 25+66

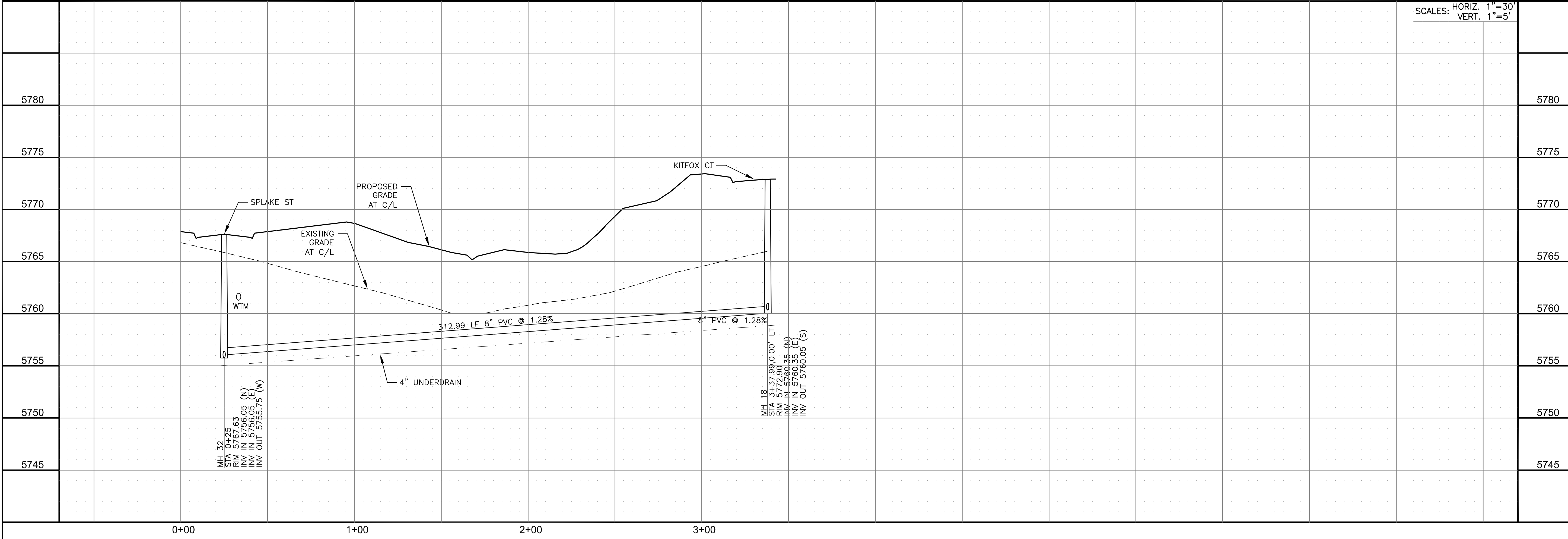


SANITARY SEWER LINE 2

CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BLDG 790 570 1100
 COLORADO SPRINGS, CO 80903
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@ceg1.com

NO. _____ DATE _____
 DESCRIPTION _____
 PREPARED FOR: **LORSON, LLC**
 212 N. WAHSATCH AVE., SUITE 301
 COLORADO SPRINGS, COLORADO 80903
 PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
 FONTAINE BLVD. VALLEY DR
 COLORADO SPRINGS, COLORADO
 CONTACT: JEFF MARK

DRAWN: RLS
 DESIGNED: RLS
 CHECKED: RLS



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

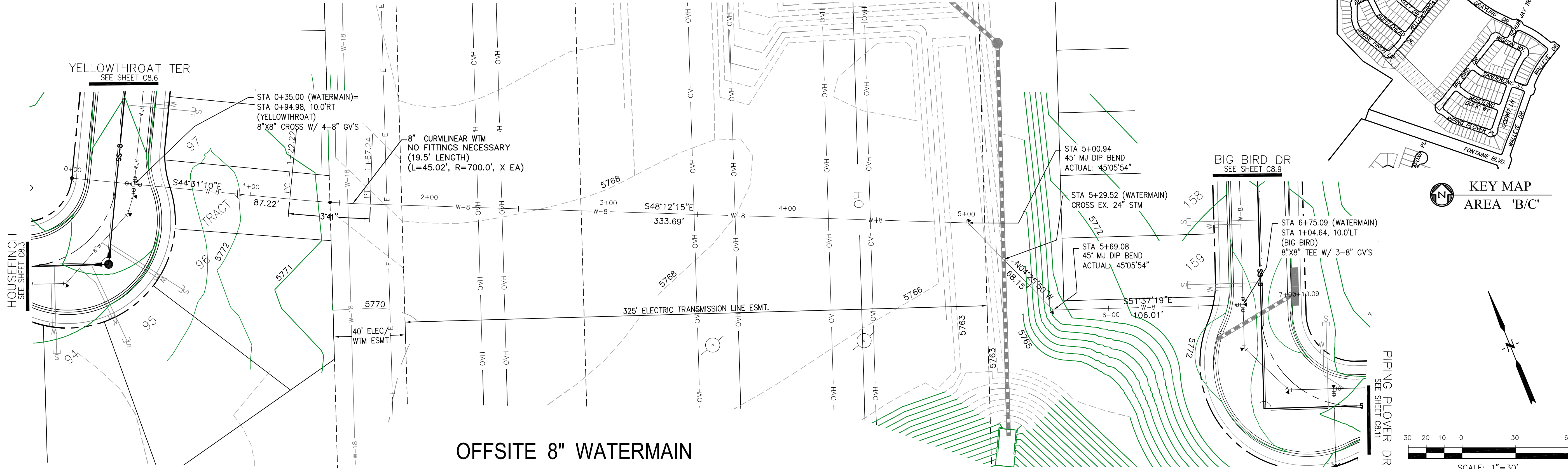
WATER / SANITARY - AREA 'E/G'
 SANITARY SEWER LINE 2
 STA 0+00 TO 3+37.99



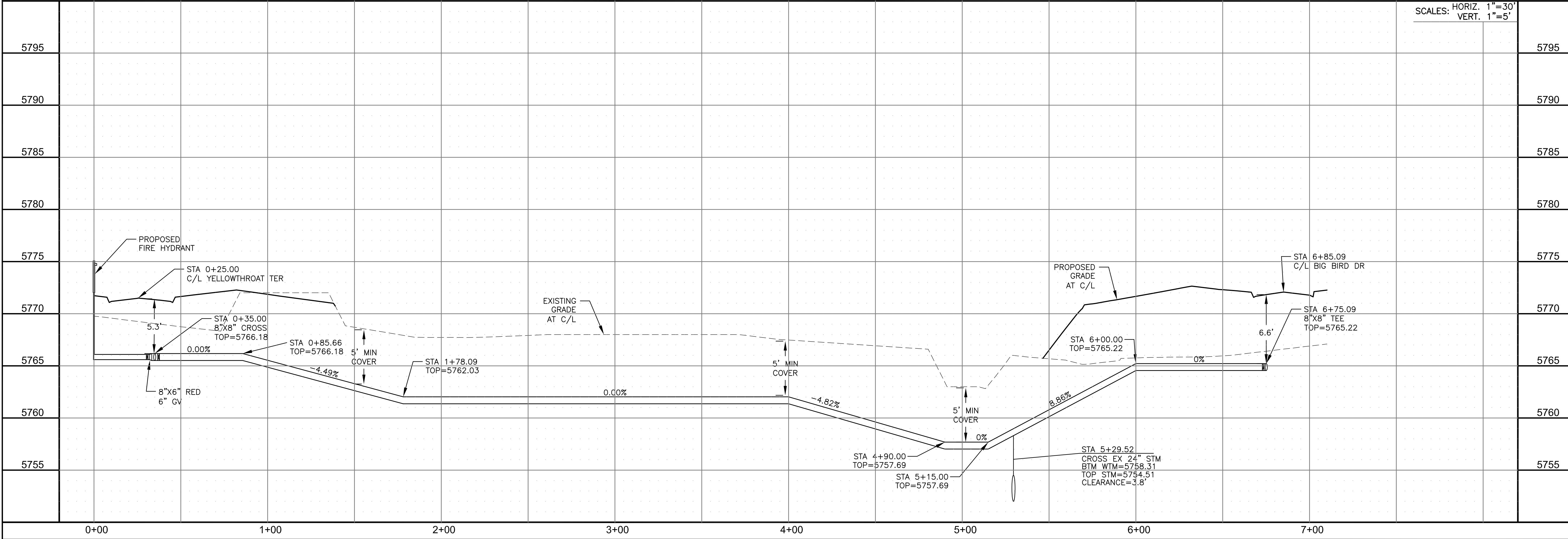
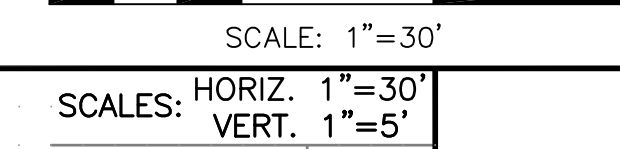
DATE: NOV 12, 2020
 PROJECT NO. 100.062
 SHEET NUMBER C8.28
 TOTAL SHEETS: 40

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



OFFSITE 8" WATERMAIN



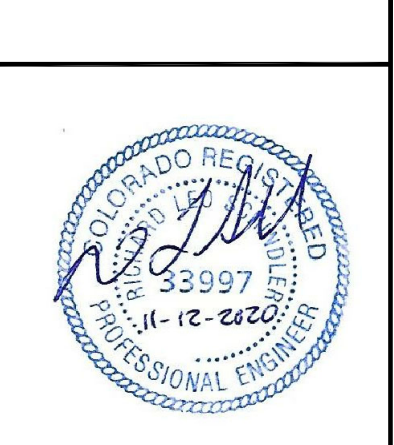
CORE ENGINEERING GROUP
 15004 1ST AVENUE S.
 BIRCHMOUNT, CO 80506
 PH: 303.570.1100
 CONTACT: RICHARD L. SCHINDLER, P.E.
 EMAIL: Rich@cegi.com

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

WATER / SANITARY - AREA 'B/C'
OFFSITE WATERMAIN AREA 'B' AND 'C'
STA 0+00 TO 6+75

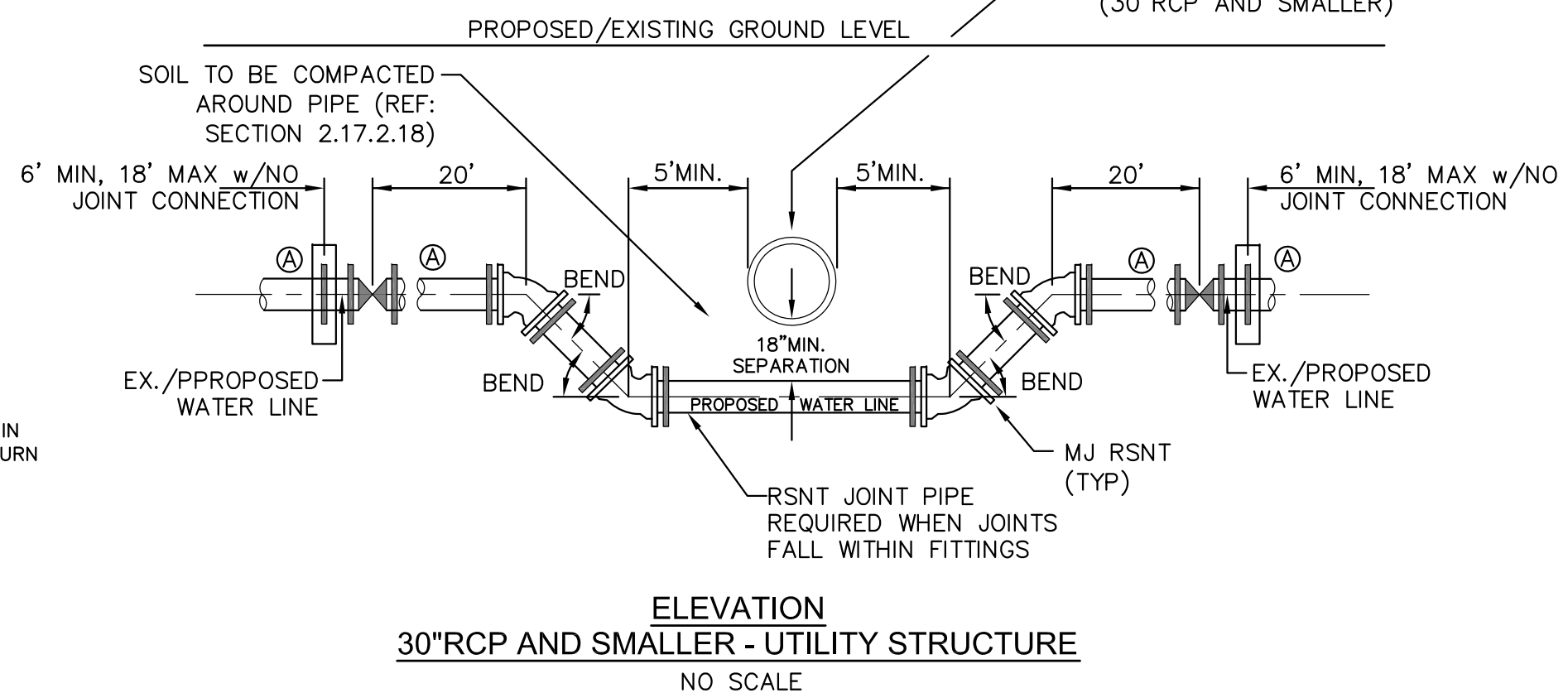
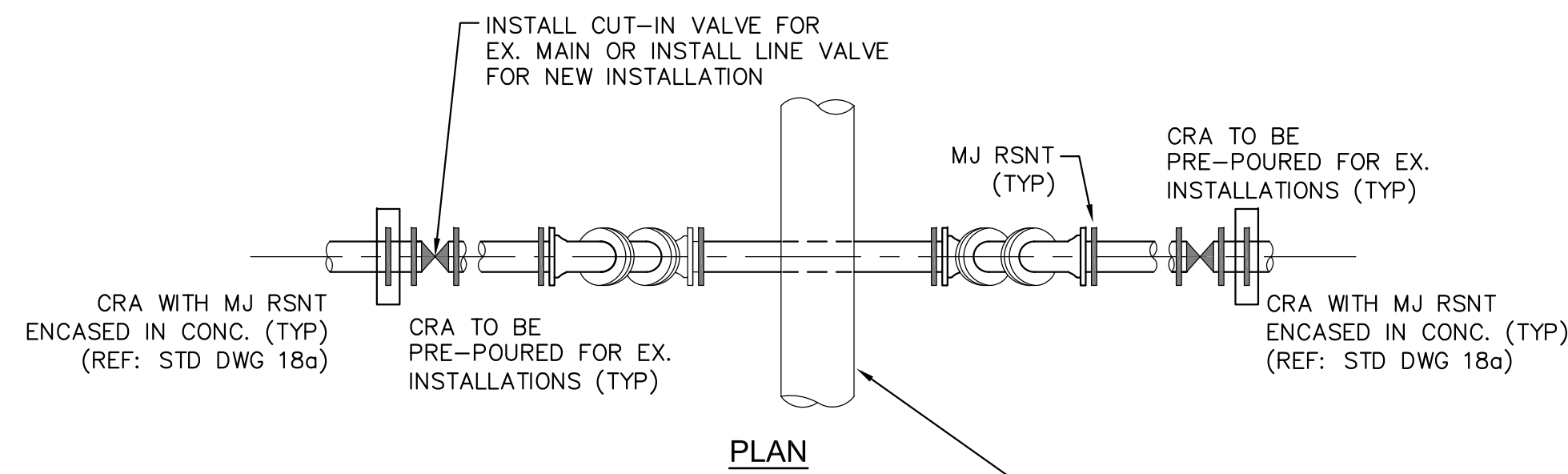
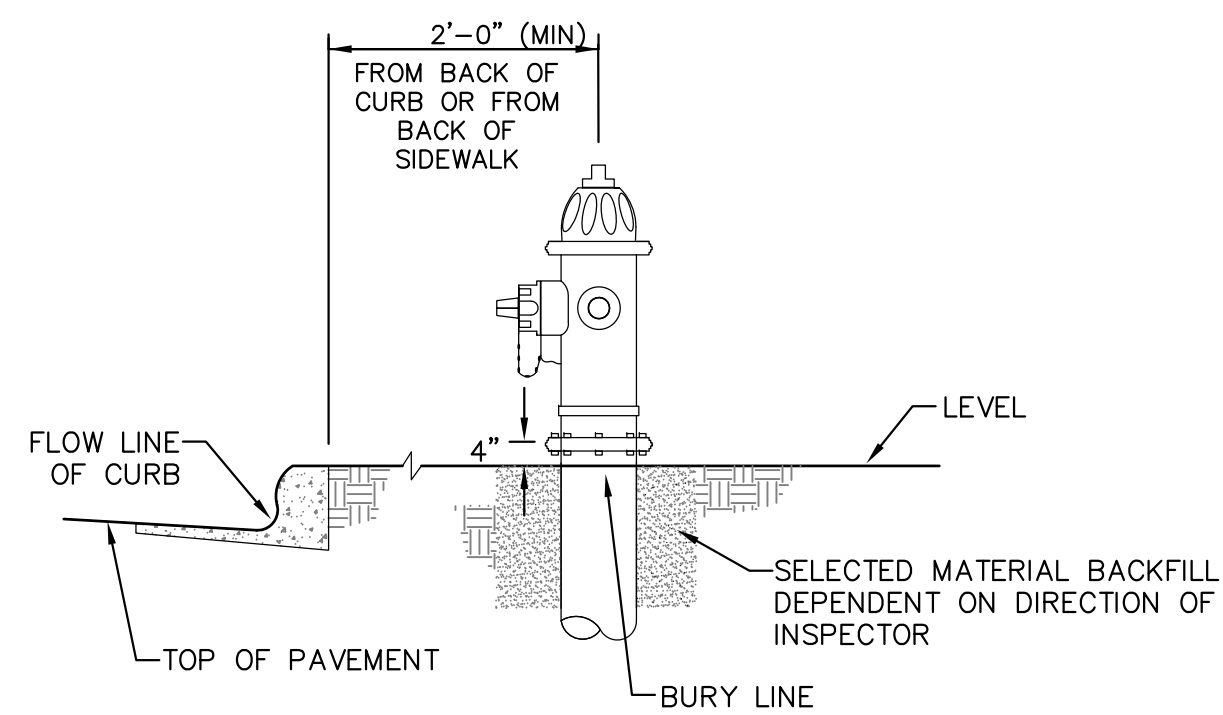


DATE:
 NOV 12, 2020

PROJECT NO.
 100.062

SHEET NUMBER
 C8.29

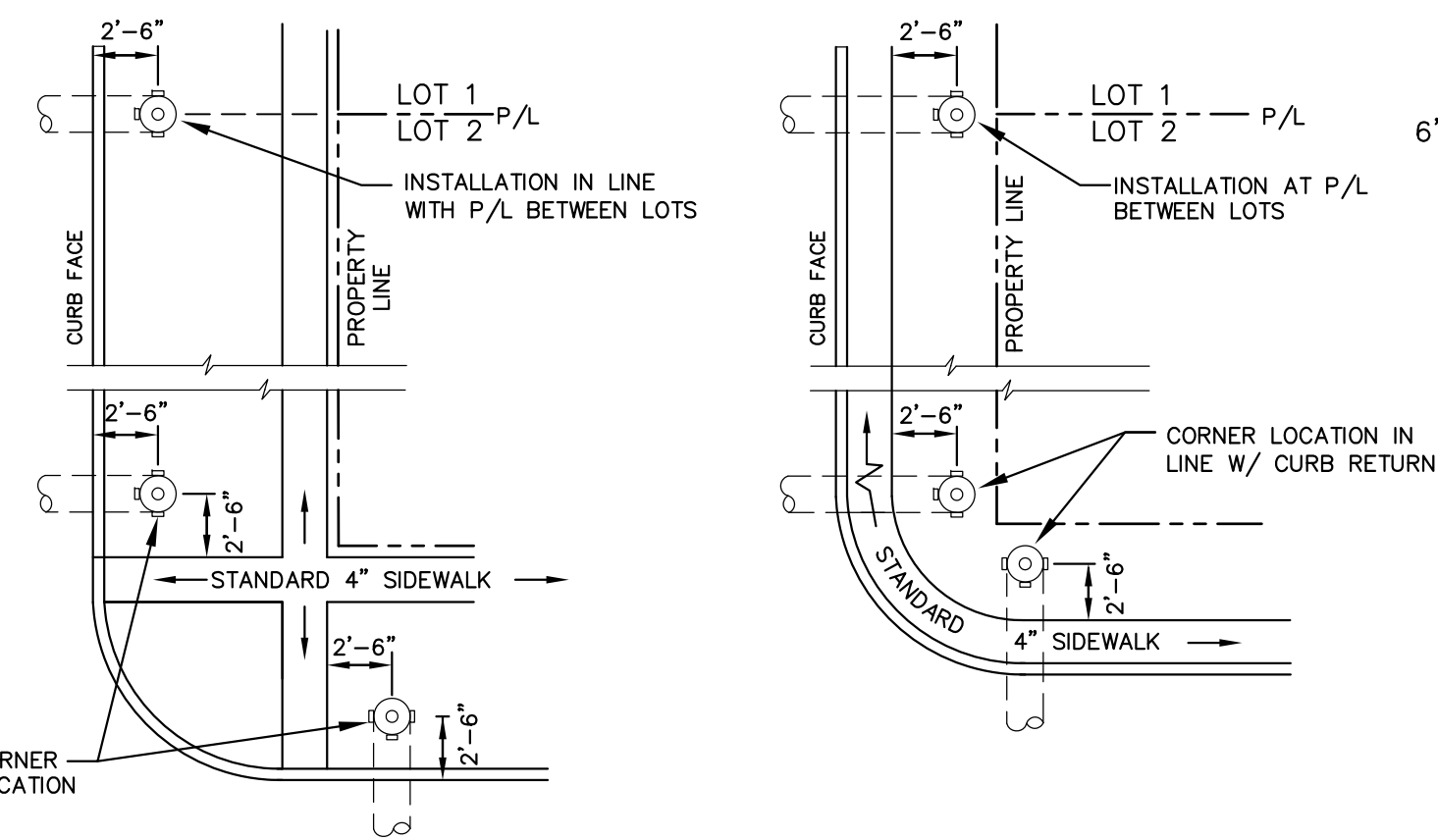
TOTAL SHEETS: 40



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



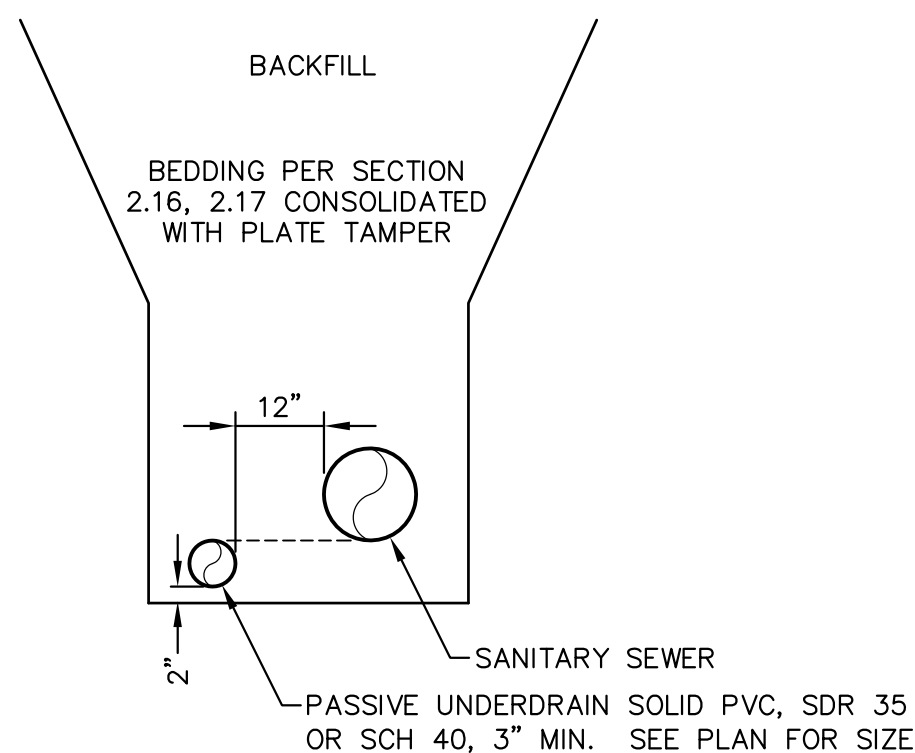
DETACHED SIDEWALK LOCATION NO SCALE

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

NOTES

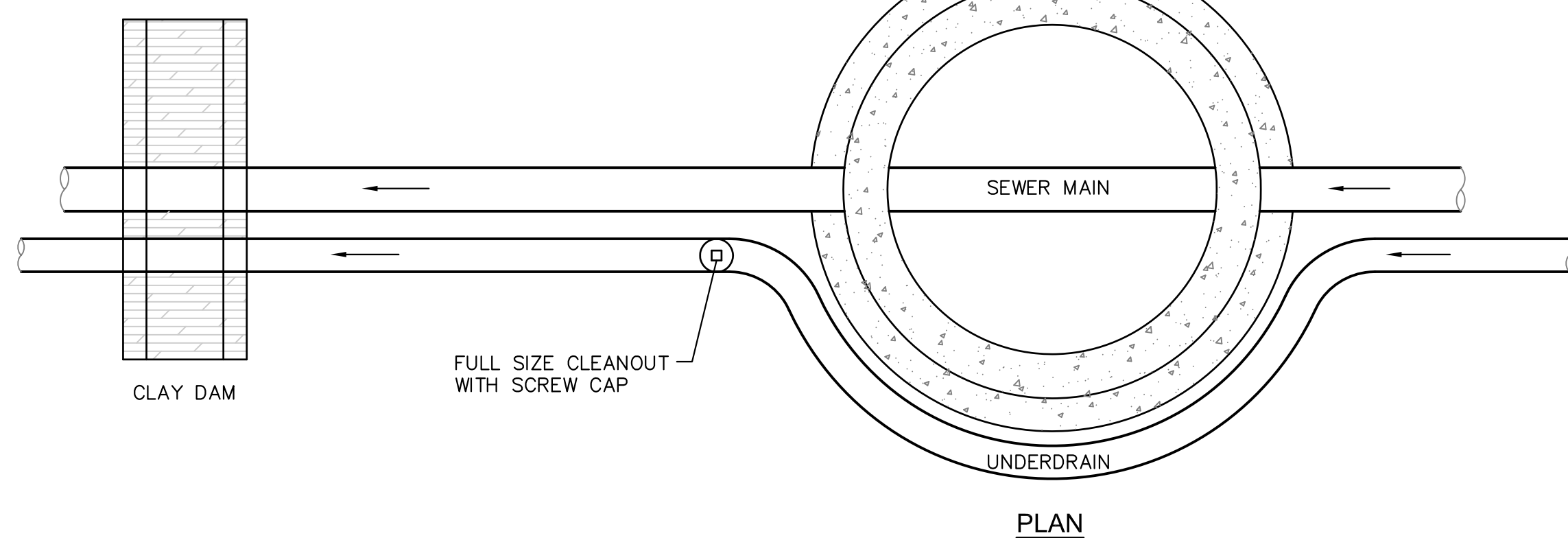
1. HYDRANT NOZZLE SHALL BE POSITIONED AT RIGHT ANGLES TO CURB. IF NO CURB OR SIDEWALK EXIST, NOZZLE SHALL BE PLACED AT RIGHT ANGLE TO STREET OR ALLEY.
2. HYDRANTS WILL BE PLACED A MINIMUM OF 5.0 FEET FROM ANY UTILITY OR DRAINAGE STRUCTURE (TO BE CO-ORDINATED WITH JOINT TRENCH INSTALLATION)
3. ANY HYDRANT 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

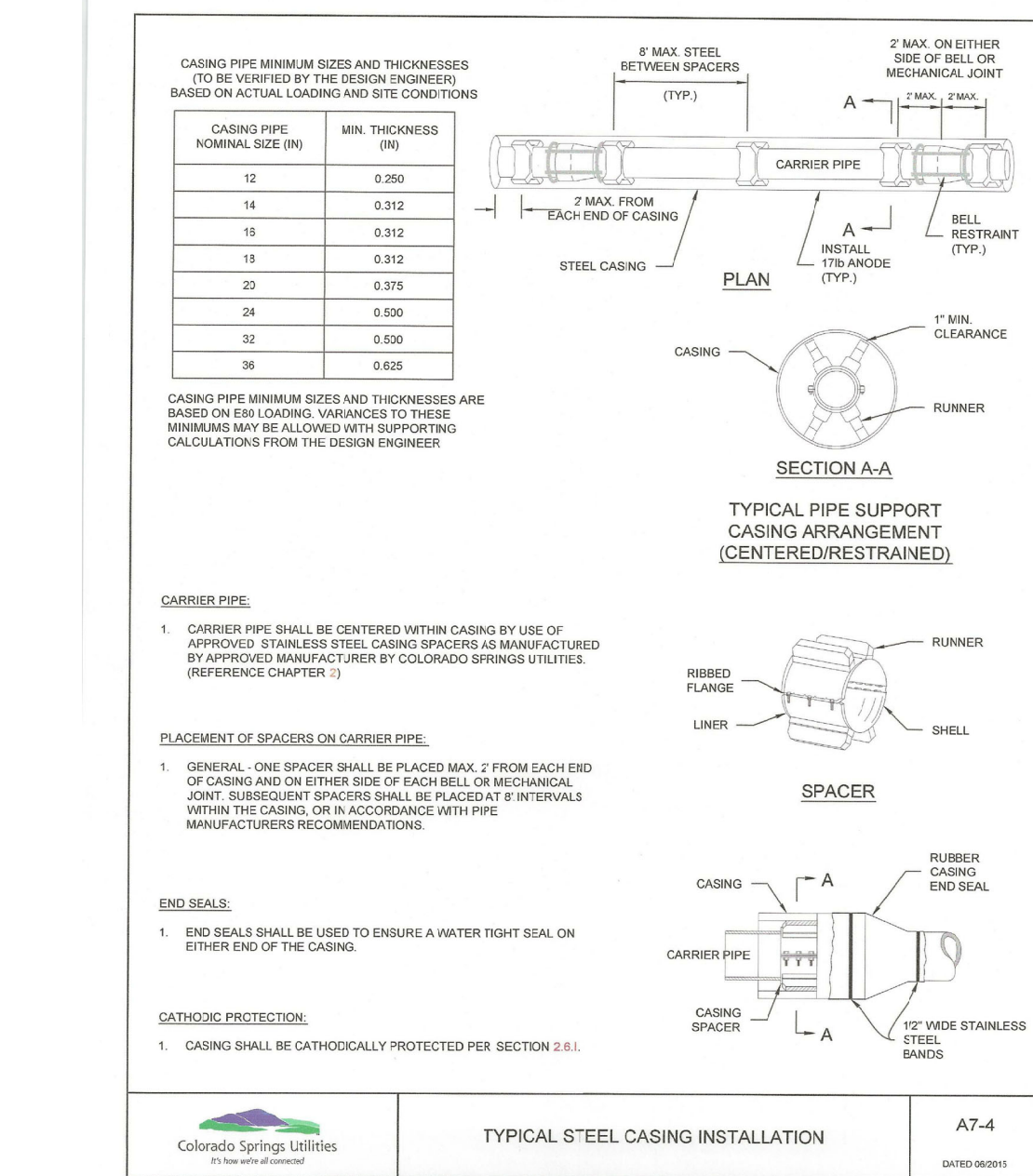


SANITARY SEWER PASSIVE UNDERDRAIN DETAIL (PER CSU STANDARD # WW-11A) NO SCALE

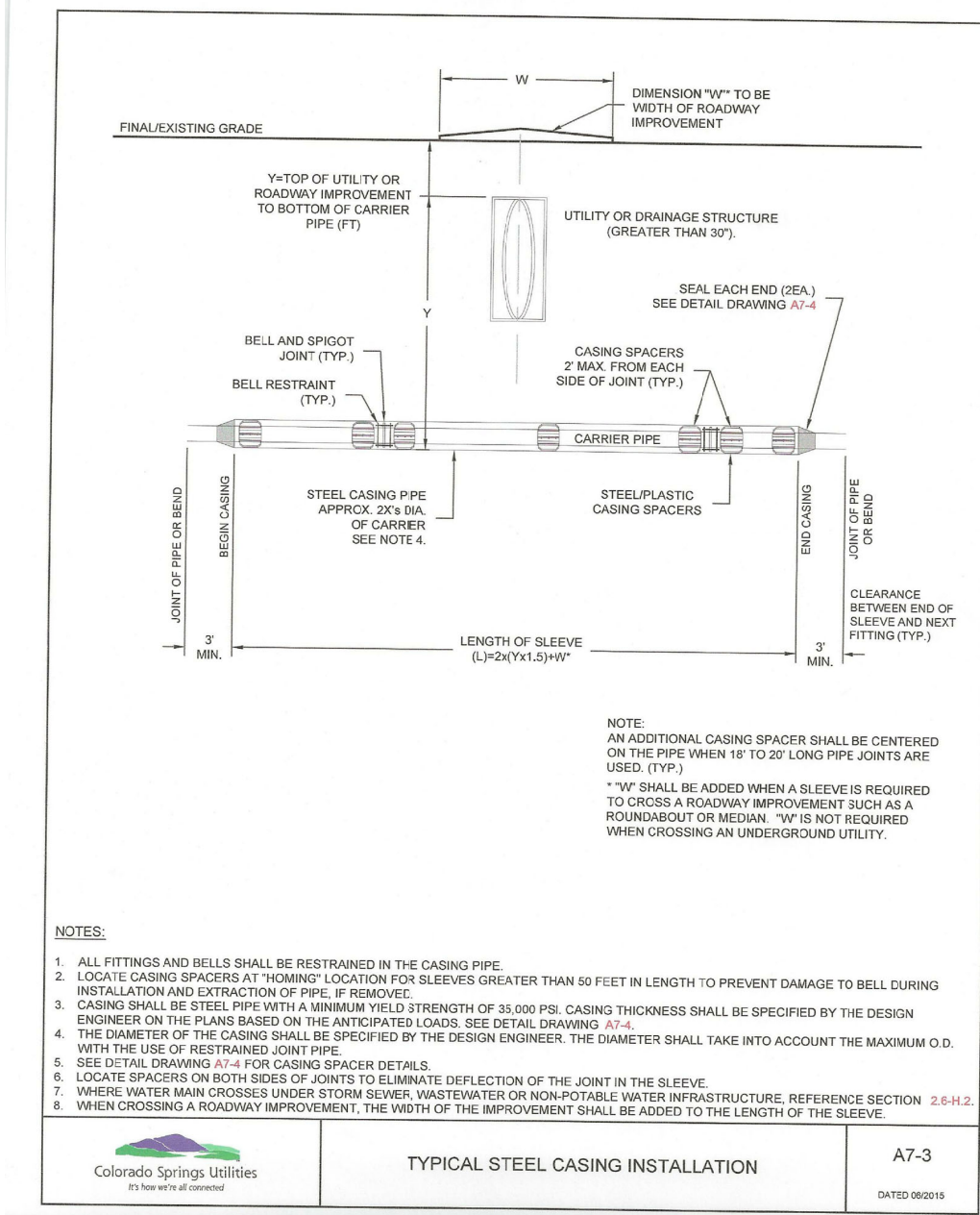
NOTE:
POINT OF DISCHARGE TO PUBLIC SYSTEM IS REQUIRED. UNDERDRAIN CONNECTIONS SHALL BE 3\"/>



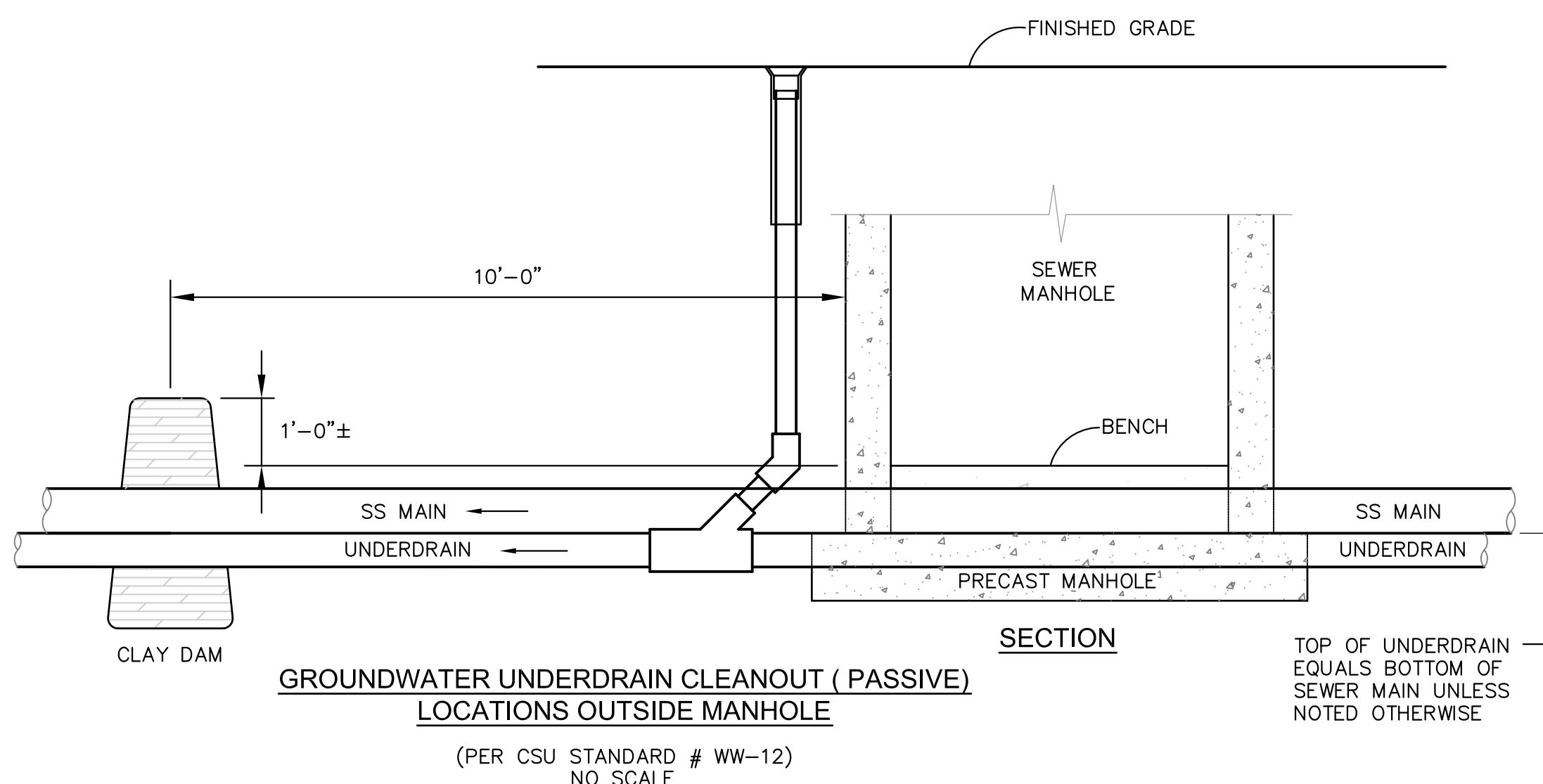
PLAN



TYPICAL STEEL CASING INSTALLATION A7-4



TYPICAL STEEL CASING INSTALLATION A7-3



GROUNDWATER UNDERDRAIN CLEANOUT (PASSIVE) LOCATIONS OUTSIDE MANHOLE

(PER CSU STANDARD # WW-12) NO SCALE

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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
PROJECT: **THE HILLS AT LORSON RANCH FILING NO. 1**
FONTAINE BLVD - WALLEYE DR
COLORADO SPRINGS, COLORADO
CONTACT: JEFF MARK

DRAWN: RLS
DESIGNED: RLS
CHECKED: RLS

WATER/SEWER DETAILS



DATE: NOV 12, 2020
PROJECT NO: 100.062
SHEET NUMBER: C12.1
TOTAL SHEETS: 40