

CONSTRUCTION PLANS  
FOR

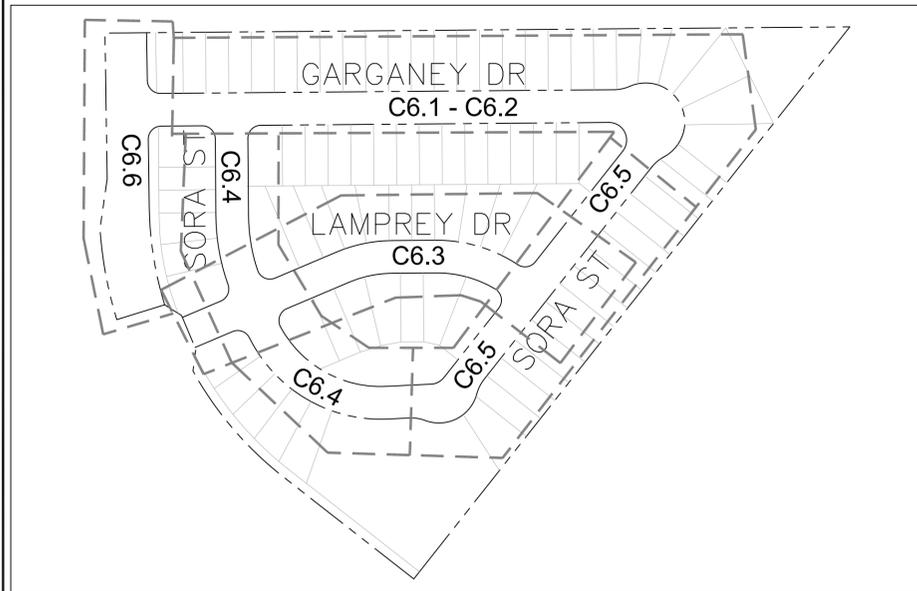
# SKYLINE AT LORSON RANCH FILING NO. 1

## STREET AND STORM SEWER 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



**KEY MAP**  
NO SCALE



**VICINITY MAP**  
NO SCALE

SHEET INDEX	
SHEET NO.	SHEET DESCRIPTION
C0.1	COVER SHEET
C1.2	NOTES
C1.3	TYPICAL SECTIONS
C2.1	STREET HORIZONTAL CONTROL
C5.1-C5.2	SIGNING/STRIPING PLANS
C6.1-C6.6	STREET PLAN AND PROFILES
C7.1-C7.2	PLAN AND PROFILE - STORM LATERALS & FOREBAY
C10.1-C10.3	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: [Signature] DATE MAY 2, 2022  
**Lorson, LLC**  
 TITLE AUTHORIZED SIGNING AGENT

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

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.

- |   |  |  |
|---|--|--|
| <b>WATER / SANITARY</b><br>WIDEFIELD WATER AND SANITATION DISTRICT<br>8495 FONTAINE BLVD.<br>COLORADO SPRINGS, CO 80925<br>719-390-7111 | <b>CABLE</b><br>COMCAST<br>P.O. BOX 173838<br>DENVER, CO 80217<br>970-641-4774             | <b>ELECTRIC</b><br>MOUNTAIN VIEW ELECTRIC<br>11140 E. WOODMEN RD.<br>COLORADO SPRINGS, CO 80831<br>719-495-2283                        |
| <b>TELEPHONE</b><br>CENTURYLINK<br>7925 INDUSTRY ROAD<br>COLORADO SPRINGS, CO 80939<br>719-278-4651                                     | <b>GAS</b><br>BLACK HILLS ENERGY<br>7060 ALLEGRE ST.<br>FOUNTAIN, CO 80817<br>719-393-6639 | <b>EL PASO COUNTY</b><br>PLANNING AND COMMUNITY DEVELOPMENT<br>2880 INTERNATIONAL CIRCLE<br>COLORADO SPRINGS, CO 80910<br>719-520-6300 |

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

**LEGEND**

- SUBDIVISION BOUNDARY
- EXISTING AND PROPOSED RIGHT OF WAY
- EXISTING AND PROPOSED LOT LINES
- EXISTING AND PROPOSED EASEMENTS
- STREET CENTERLINE
- PROPOSED CURB AND GUTTER
- EXISTING WATERMAIN
- PROPOSED WATERMAIN
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING 24" SANITARY SEWER
- EXISTING GASMAIN
- EXISTING UNDERGROUND ELECTRIC
- EXISTING OVERHEAD ELECTRIC
- EXISTING CABLE TV
- EXISTING PHONE OR FIBER OPTIC
- EXISTING STORM DRAIN
- PROPOSED STORM SEWER
- EXISTING MANHOLES
- PROPOSED SANITARY AND STORM MANHOLES
- EXISTING AND PROPOSED WATERMAIN VALVES
- EXISTING AND PROPOSED FIRE HYDRANT
- EXISTING UTILITY POLE
- PROPOSED STORM SEWER INLET

- C/G CURB AND GUTTER
- C/L CENTERLINE
- CTY COUNTY
- EX EXISTING
- FL FLOW LINE
- OPT. OPTIONAL
- PCR POINT OF CURVATURE
- PROP. PROPOSED
- RT/LT RIGHT/LEFT
- REM REMOVE
- STA STATION
- TBC TOP BACK OF CURB

**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  
 07/28/2022 7:44 AM  
 COUNTY ENGINEER/ECM ADMINISTRATOR DATE

**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

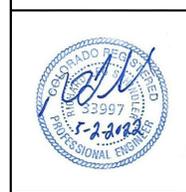


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
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 PH: 719-570-1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@ceng1.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE. SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 PROJECT: **SKYLINE AT LORSON RANCH FIL. NO. 1**  
 CONSULTING DR. LAMPREY DR. COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

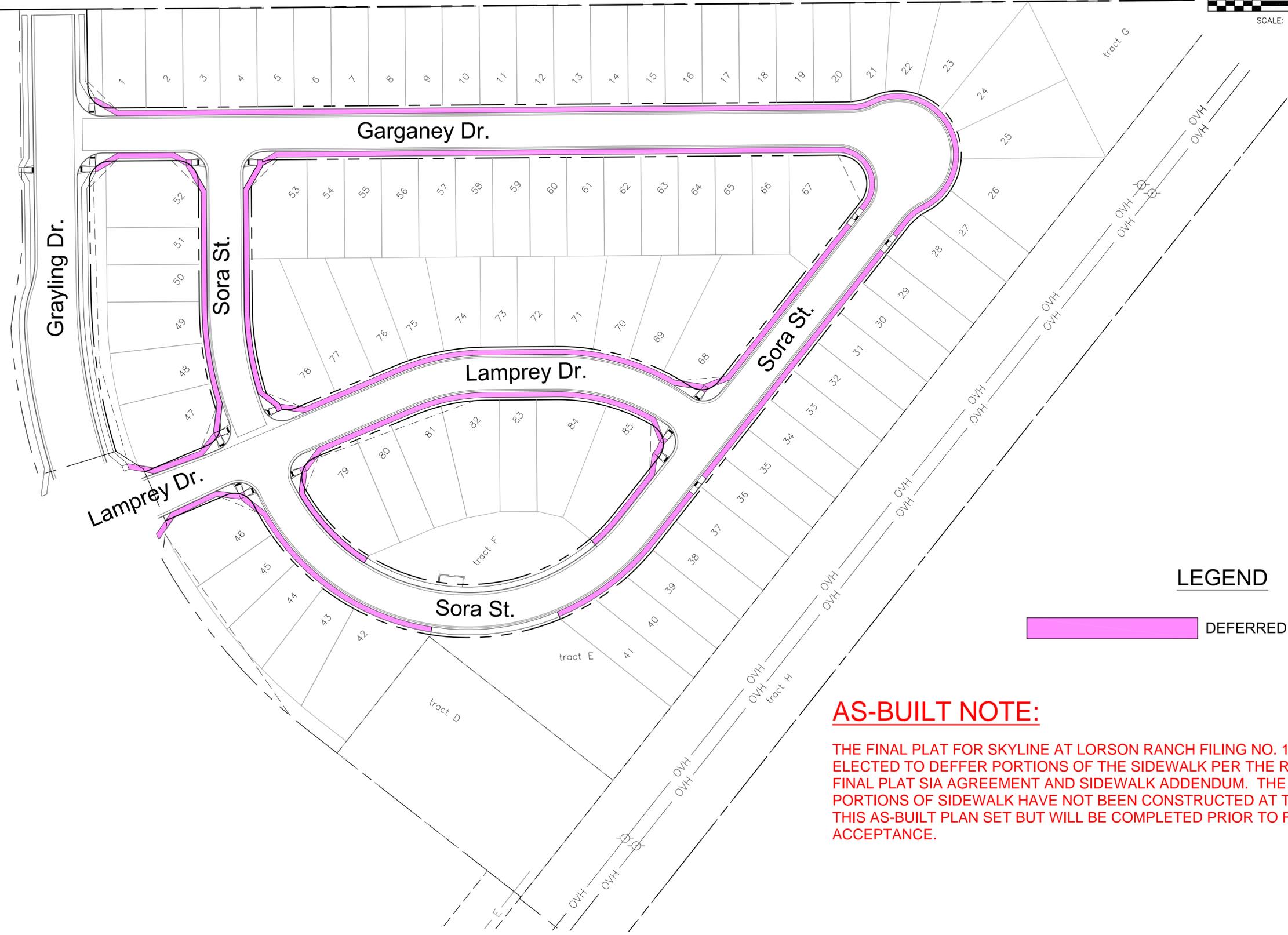
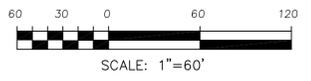
**SKYLINE AT LORSON RANCH FIL. NO. 1**  
**STREET AND STORM SEWER**  
**CONSTRUCTION PLANS**



DATE: **MAY 2, 2022**  
 PROJECT NO. **100.063**  
 SHEET NUMBER **C0.1**  
 TOTAL SHEETS: 17

SF-22-001

# Exhibit B



## LEGEND

DEFERRED SIDEWALK

### AS-BUILT NOTE:

THE FINAL PLAT FOR SKYLINE AT LORSON RANCH FILING NO. 1 (SF221) HAS ELECTED TO DEFER PORTIONS OF THE SIDEWALK PER THE RECORDED FINAL PLAT SIA AGREEMENT AND SIDEWALK ADDENDUM. THE DEFERRED PORTIONS OF SIDEWALK HAVE NOT BEEN CONSTRUCTED AT THE TIME OF THIS AS-BUILT PLAN SET BUT WILL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 SUITE 100  
 BLDG 719 570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@ceg1.com

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

PROJECT: SKYLINE AT LORSON RANCH FIL. NO. 1  
 65 N. W. LAMPREY 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

SIDEWALK ADDENDUM  
 SKYLINE AT  
 LORSON RANCH FIL NO. 1

DATE:  
 DECEMBER 8, 2023

PROJECT NO.  
 100.063

SHEET NUMBER  
 1

TOTAL SHEETS: 1

**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 TIED 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.

**EL PASO COUNTY STANDARD CONSTRUCTION NOTES:**

- ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).
- CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:
  - EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
  - CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
  - COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
  - CDOT M & S STANDARDS
- NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
- IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH PLANNING AND COMMUNITY DEVELOPMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
- CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
- ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.
- CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
- SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.
- SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY PUBLIC WORKS DEPARTMENT AND MUTCD CRITERIA.
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY PUBLIC WORKS DEPARTMENT, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
- THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

**STORM SEWER NOTES:**

- CONTRACTOR SHALL USE "TYLOX SUPER SEAL" OR APPROVED EQUIV. JOINT GASKET FOR ALL RCP STORM SEWER JOINTS

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

NO.	DESCRIPTION	DATE

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

PROJECT:  
**SKYLINE AT LORSON RANCH FIL. NO. 1**  
GRAYLING DR - LAMPREY DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**CREEKSIDE SOUTH AT LORSON RANCH STREET / STORM SEWER NOTES**

**AS-BUILT STREET-STM FEB 2, 2023**

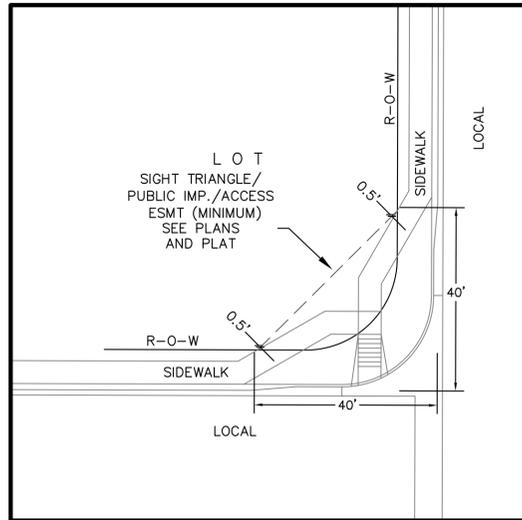


DATE:  
MAY 2, 2022

PROJECT NO.  
100.063

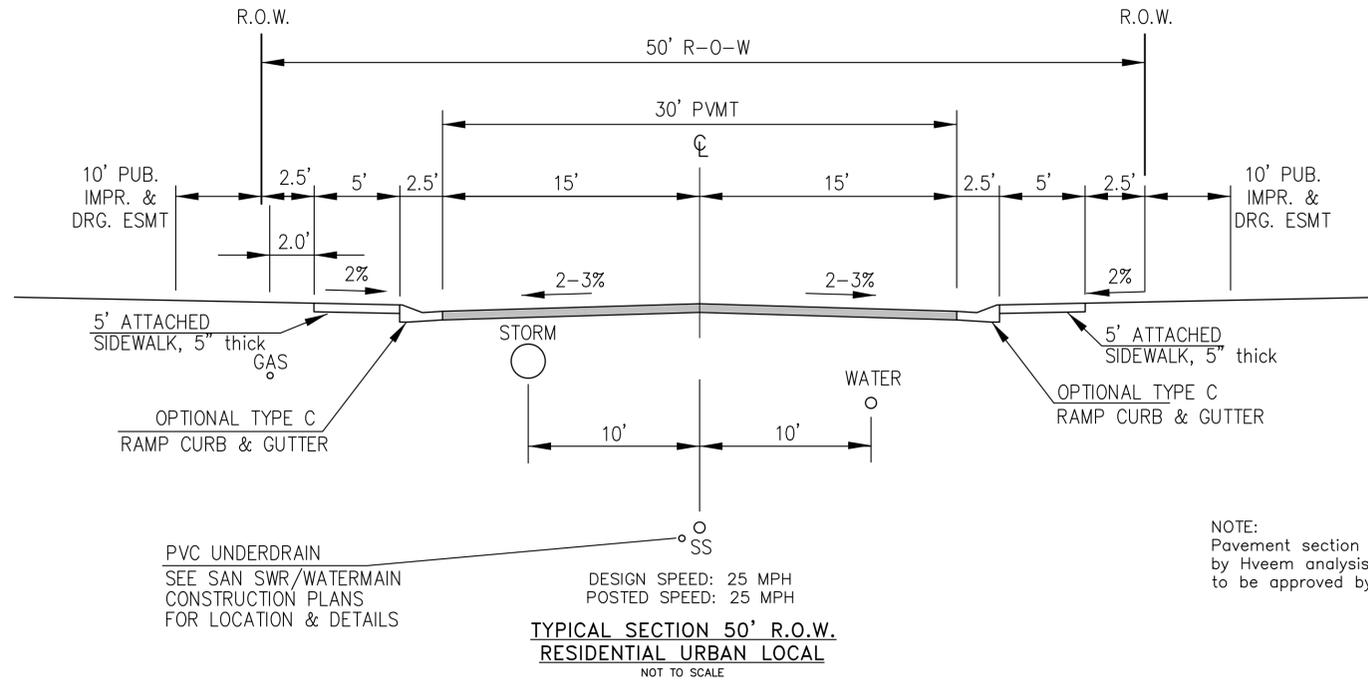
SHEET NUMBER  
C1.2

TOTAL SHEETS: 17



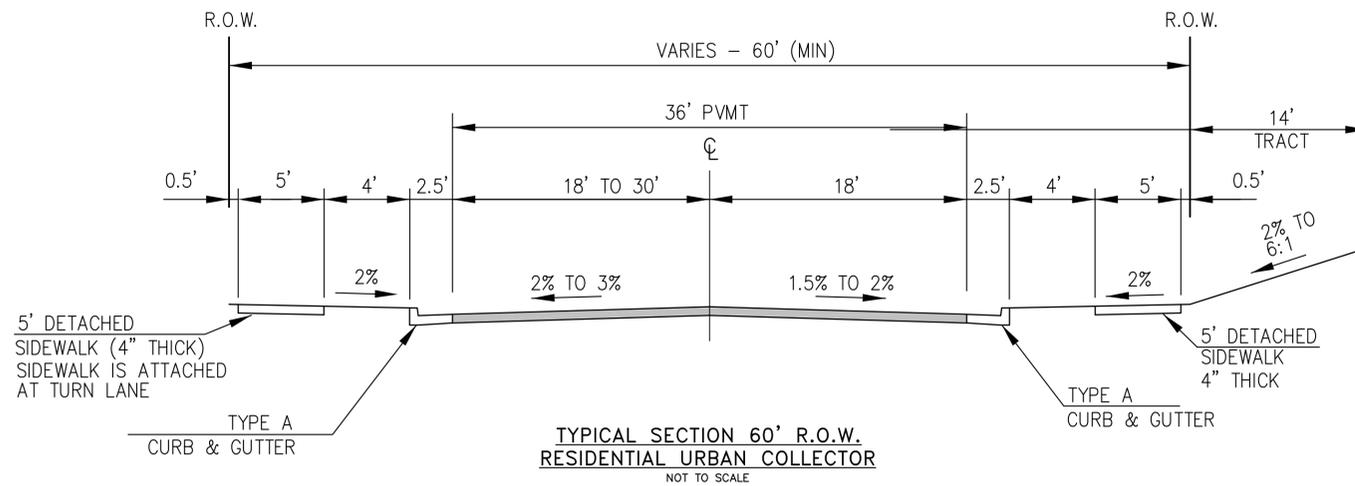
**LOCAL ROADWAY SIGHT TRIANGLE  
PUBLIC IMPROVEMENT ESMT.**  
NOT TO SCALE

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



**TYPICAL SECTION 50' R.O.W.  
RESIDENTIAL URBAN LOCAL**  
NOT TO SCALE  
GARGANEY DR, LAMPREY DR, SORA STREET

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



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

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

**AS-BUILT  
STREET-STM  
FEB 2, 2023**



EPC 7/28/22

**CORE  
ENGINEERING GROUP**  
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PH: 719.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

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

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

DRAWN: RLS  
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TYPICAL SECTIONS

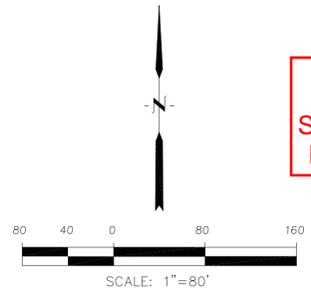
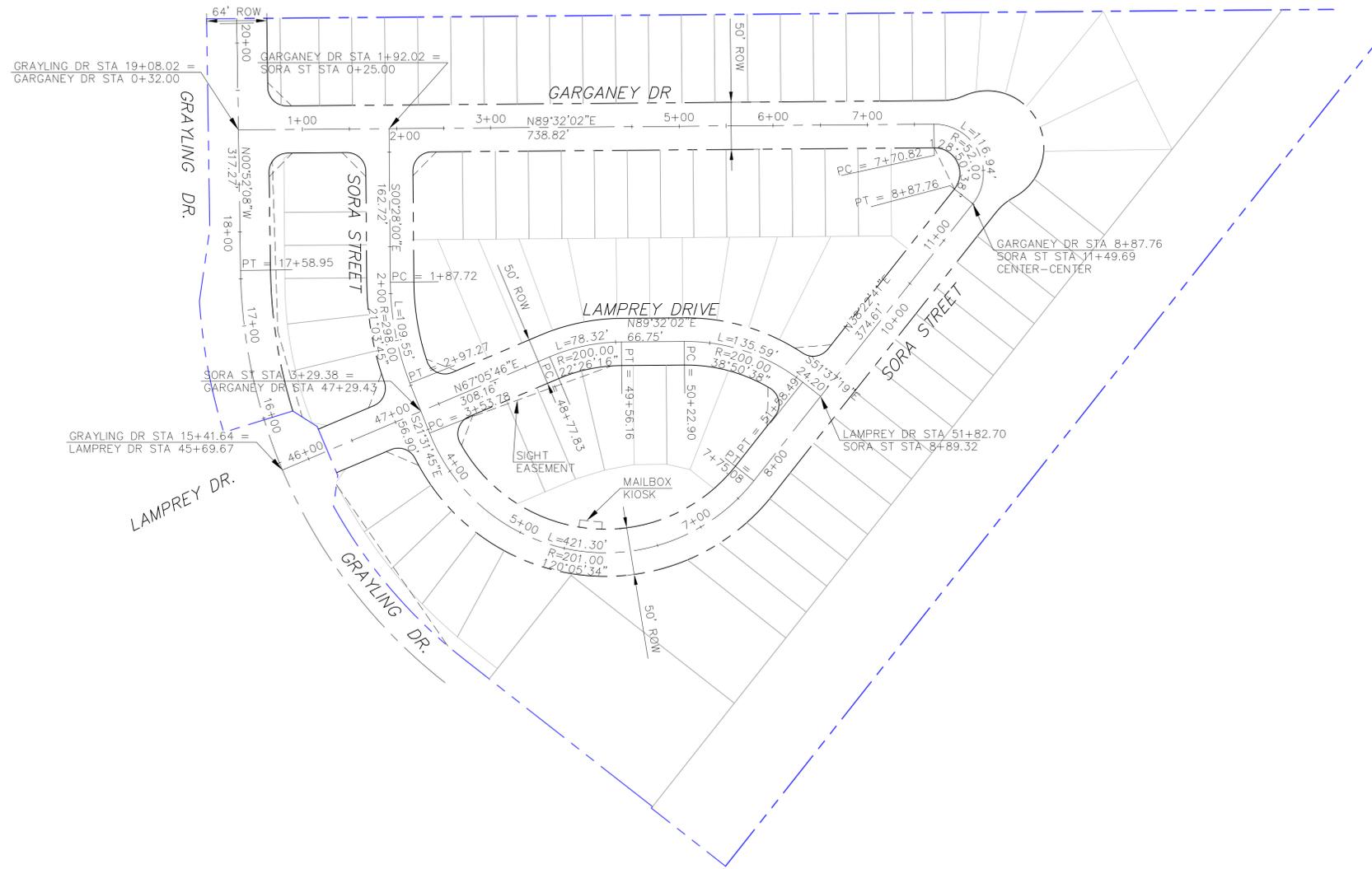


DATE:  
MAY 2, 2022

PROJECT NO.  
100.063

SHEET NUMBER  
C1.3

TOTAL SHEETS: 17



**AS-BUILT**  
**STREET-STM**  
**FEB 2, 2023**



**CORE**  
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 BIRCHWOOD, CO 80506  
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 CONTACT: RICHARD L. SCHINDLER, P.E.  
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DATE: \_\_\_\_\_  
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PROJECT FOR:  
**LORSON, LLC**  
 212 N. WAHSATCH AVE, SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

PROJECT:  
**SKYLINE AT LORSON RANCH FIL. NO. 1**  
 GRAYLING DR, LAMPREY DR  
 COLORADO SPRINGS, COLORADO

**SKYLINE AT LORSON RANCH FIL. NO. 1**  
**HORIZONTAL CONTROL PLAN**



DATE:  
 MAY 2, 2022

PROJECT NO.  
 100.063

SHEET NUMBER  
**C2.1**

TOTAL SHEETS: 17

**Signing and Striping Notes:**

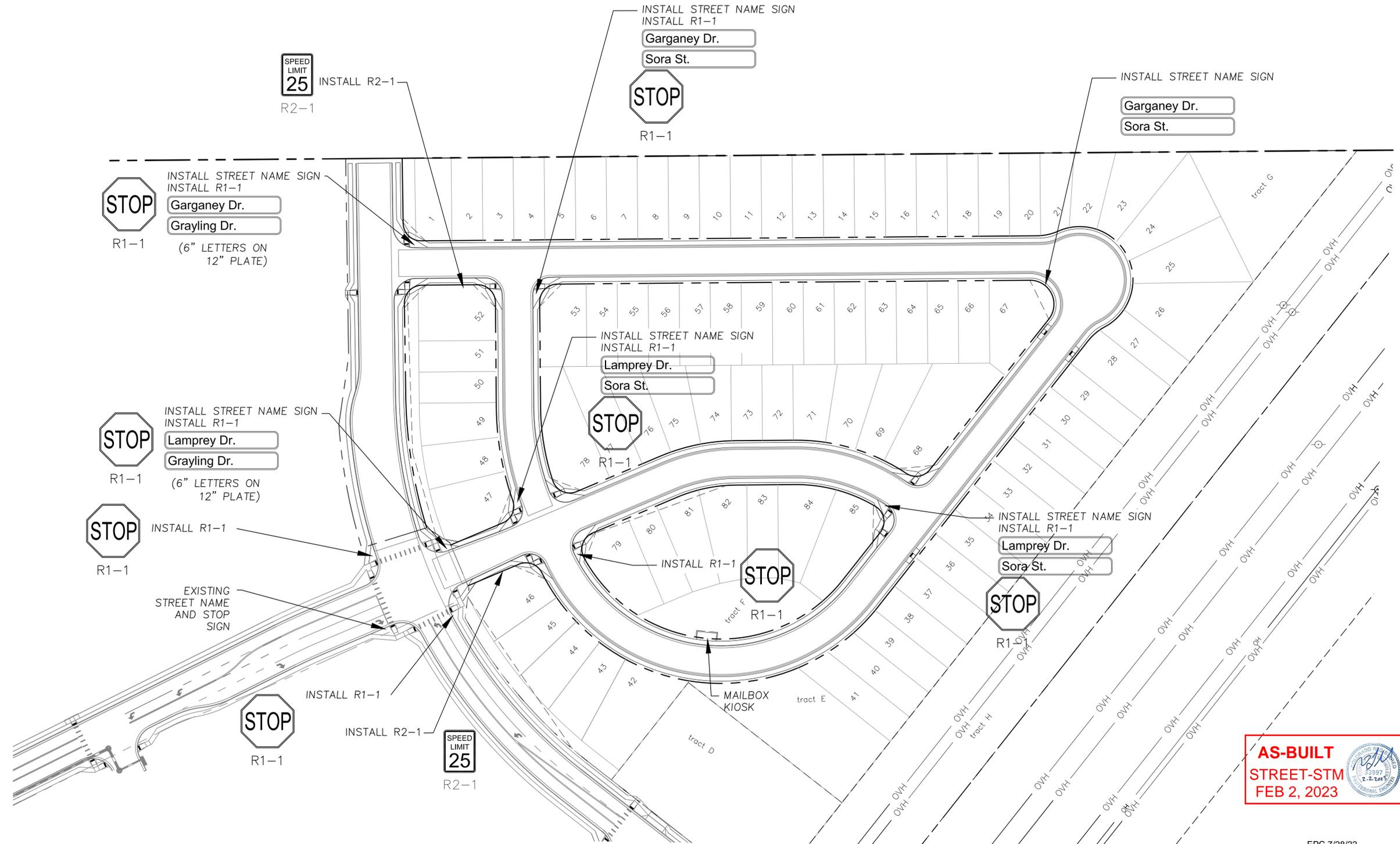
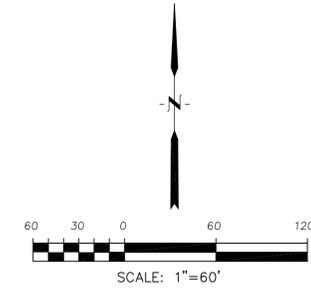
- All signs and pavement markings shall be in compliance with the current Manual on Uniform Traffic Control Devices (MUTCD).
- Removal of existing pavement markings shall be accomplished by a method that does not materially damage the pavement. The pavement markings shall be removed to the extent that they will not be visible under day or night conditions. At no time will it be acceptable to paint over existing pavement markings.
- Any deviation from the striping and signing plan shall be approved by El Paso County Planning and Community Development. All signs shown on the signing and striping plan shall be new signs. Existing signs may remain or be reused if they meet current El Paso County Public Works Department and MUTCD standards.
- Street name and regulatory stop signs shall be on the same post at intersections.
- All removed signs shall be disposed of in a proper manner by the contractor.
- All street name signs shall have "D" series letters, with local roadway signs being 4" upper-lower case lettering on 8" blank and non-local roadway signs being 6" lettering, upper-lower case on 12" blank, with a white border that is not recessed. Multi-lane roadways with speed limits of 40 mph or higher shall have 8" upper-lower case lettering on 18" blank with a white border that is not recessed. The width of the non-recessed white borders shall match page 255 of the 2012 MUTCD "Standard Highway Signs".
- All traffic signs shall have a minimum High Intensity Prismatic grade sheeting.
- All local residential street signs shall be mounted on a 1.75" x 1.75" square tube sign post and stub post base. For other applications, refer to the CDOT Standard S-614-8 regarding use of the P2 tubular steel post slipbase design.
- All signs shall be single sheet aluminum with 0.100" minimum thickness.
- All limit lines/stop lines, crosswalk lines, pavement legends, and arrows shall be a minimum 125 mil thickness preformed thermoplastic pavement markings with tapered leading edges per CDOT Standard S-627-1. Word and symbol markings shall be the narrow type. Stop bars shall be 24" in width. Crosswalks lines shall be 12" wide and 8' long per CDOT S-627-1.
- All longitudinal lines shall be a minimum 15mil thickness epoxy paint. All non-local residential roadways shall include both right and left edge line striping and any additional striping as required by CDOT S-627-1.
- The contractor shall notify El Paso County Planning and Community Development (719) 520-6819 prior to and upon completion of signing and striping.
- The contractor shall obtain a work in the right of way permit from the El Paso County Public Works Department prior to any signage or striping work within an existing El Paso County roadway.

**Notes:**

- Contractor must submit shop drawings to the engineer and to the county for approval prior to ordering signs.
- Sign locations shall be in accordance with MUTCD standards and with CDOT S-614-1 details.

**SIGNAGE SIZING:**

- R1-1 "STOP SIGN", 30"x30"
- R2-1 "SPEED LIMIT SIGN", 24"x30"



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.E.  
 P.O. BOX 55506  
 PH: 719 570 1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 PREPARED FOR: SKYLINE AT LORSON RANCH FIL NO. 1  
 PROJECT: SKYLINE AT LORSON RANCH FIL NO. 1  
 212 N. WAHSATCH AVE, SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SIGNING AND STRIPING PLAN**  
**SKYLINE AT**  
**LORSON RANCH FIL NO. 1**



DATE: MAY 2, 2022

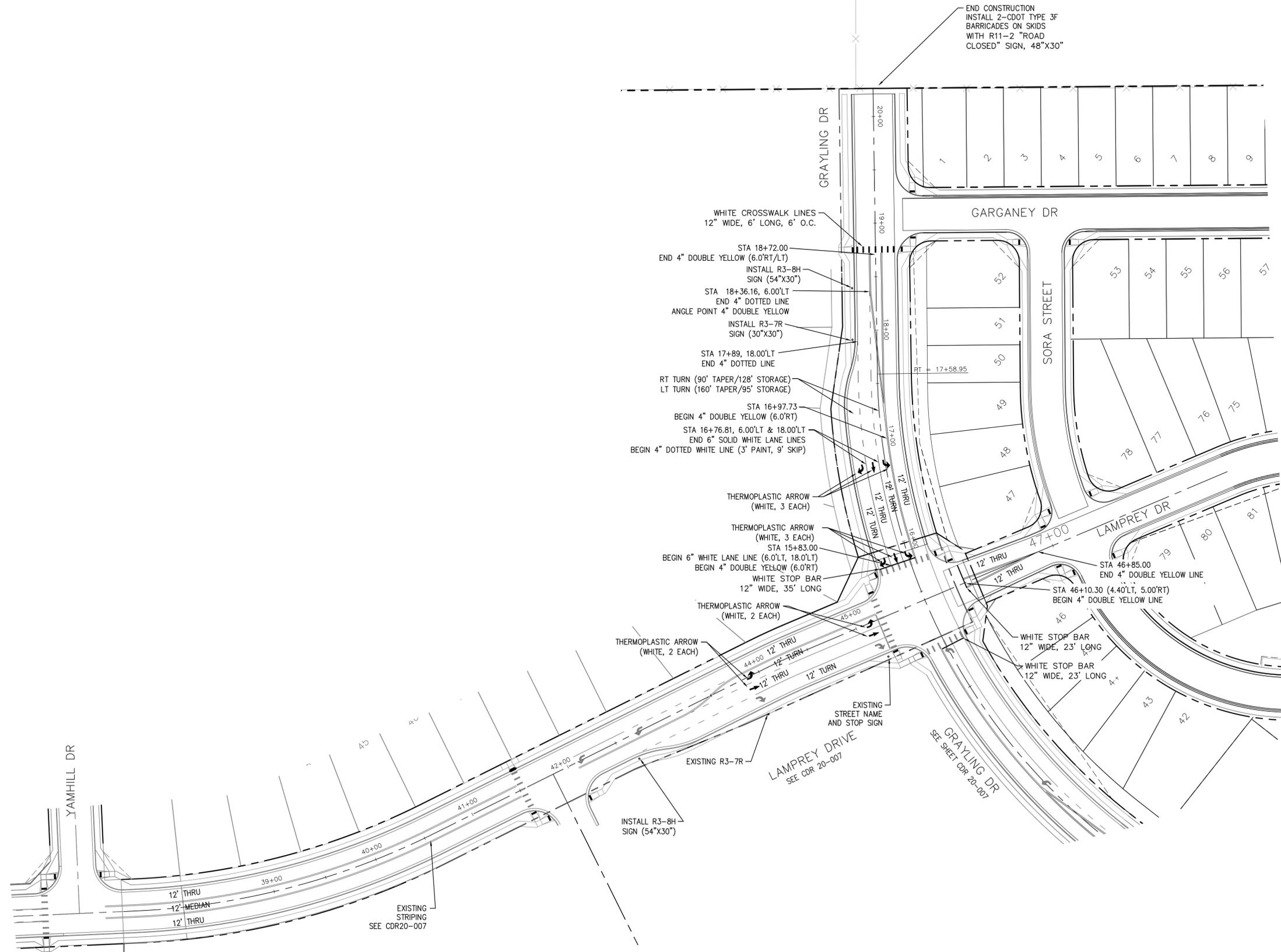
PROJECT NO. 100.063

SHEET NUMBER C5.1

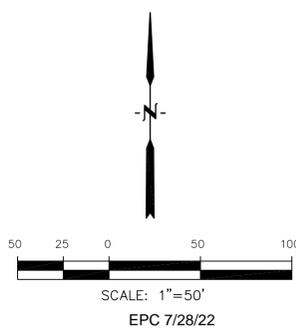
TOTAL SHEETS: 17

**AS-BUILT**  
**STREET-STM**  
**FEB 2, 2023**

EPC 7/28/22



**AS-BUILT**  
**STREET-STM**  
**FEB 2, 2023**



**CORE**  
**ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 100, SUITE 5506  
 BLDG 100, SUITE 1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@ceg1.com

DATE: 4/20/2018  
 DESCRIPTION: ADD WARNING SIGNS PER COUNTY COMMENTS  
 NO. 1.  
 PROJECT: SKYLINE AT LORSON RANCH FIL. NO. 1  
 GRAYLING & LAMPREY 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

**GRAYLING DR & LAMPREY DR**  
**SIGNING & STRIPING PLAN**

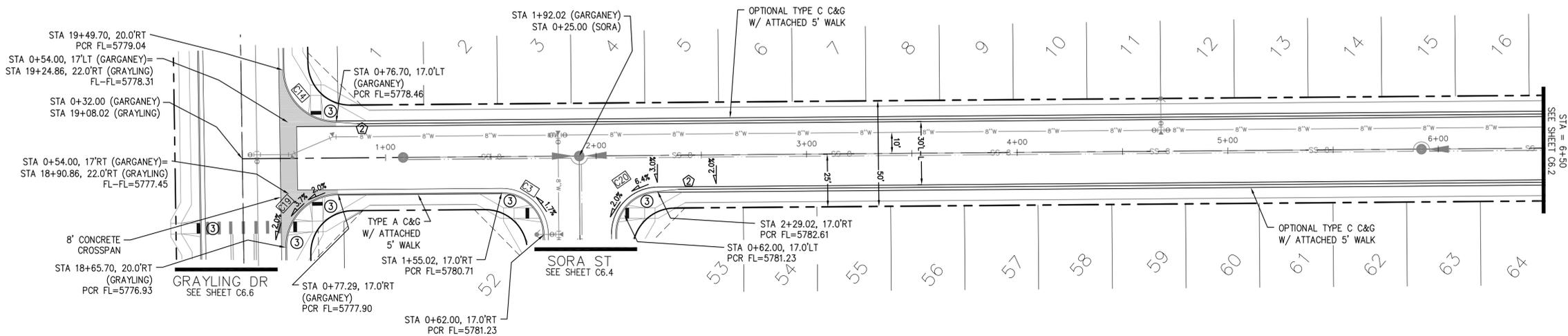
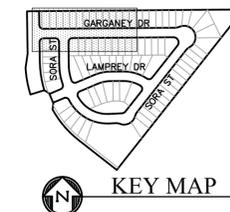


DATE: MAY 2, 2022  
 PROJECT NO. 100.063  
 SHEET NUMBER C5.2  
 TOTAL SHEETS: 17

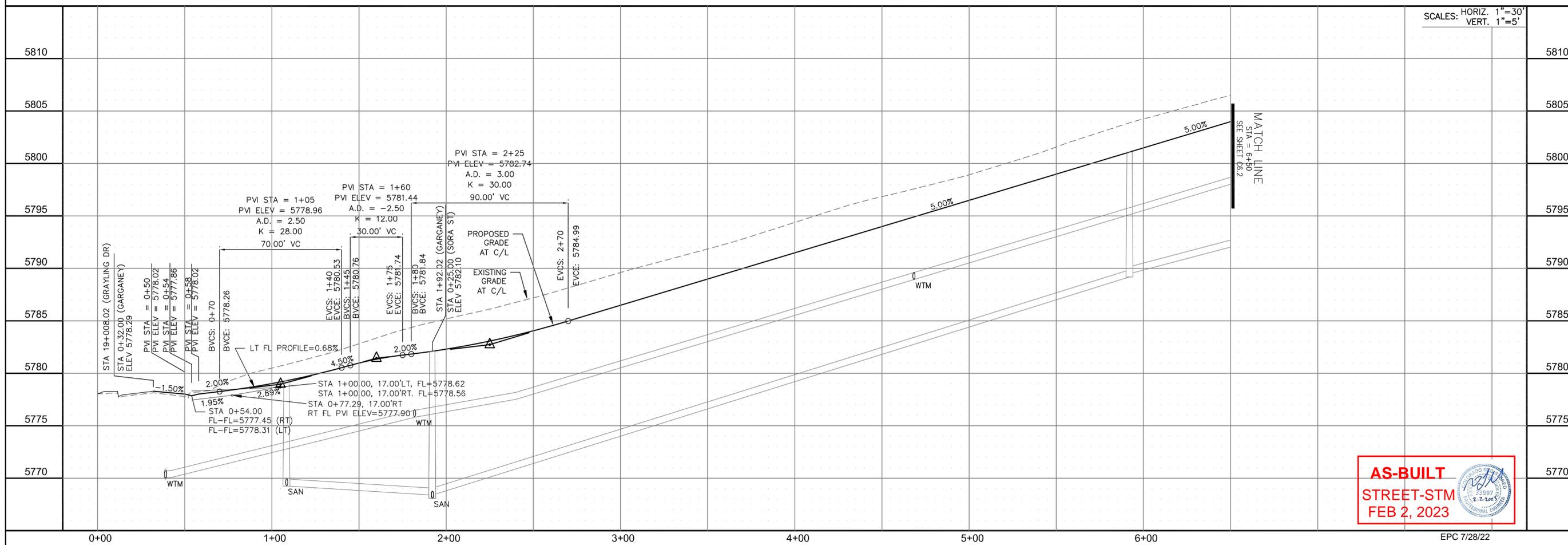
- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

- ① CURVE DATA ID
- ② CURB TRANSITIONS
- ③ PEDESTRIAN RAMP, SEE SHEET C10.1

FL CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C3	31.42'	20.00	89°59'57"
C14	39.09'	25.00	89°35'56"
C19	39.44'	25.00	90°24'04"
C20	31.42'	20.00	90°00'03"



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

PROJECT: SKYLINE AT LORSON RANCH  
 GRAYLING DR - LAMPREY DR  
 COLORADO SPRINGS, COLORADO

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

STREET - STORM  
 GARGANEY DRIVE  
 STA 0+00 TO 6+50

DATE: MAY 2, 2022  
 PROJECT NO. 100.063  
 SHEET NUMBER C6.1  
 TOTAL SHEETS: 17

**AS-BUILT**  
**STREET-STM**  
**FEB 2, 2023**

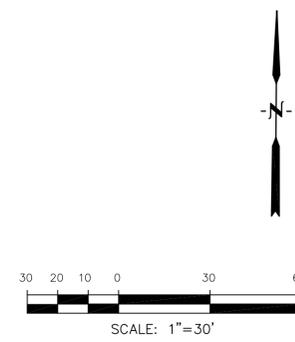
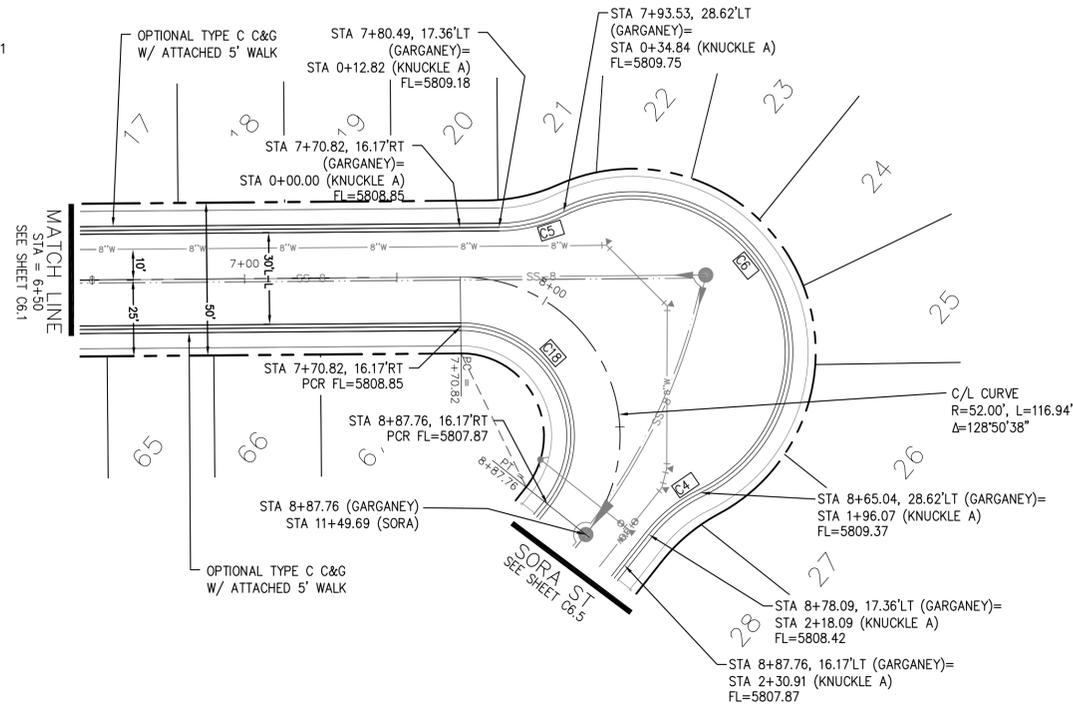
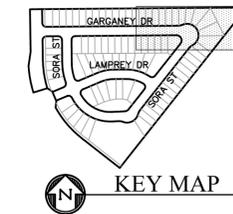


EPC 7/28/22

- NOTES
- ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  - SEE GRADING PLAN FOR GRADING INFORMATION.
  - ALL STORM SEWER SHALL BE CLASS III RCP.
  - ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

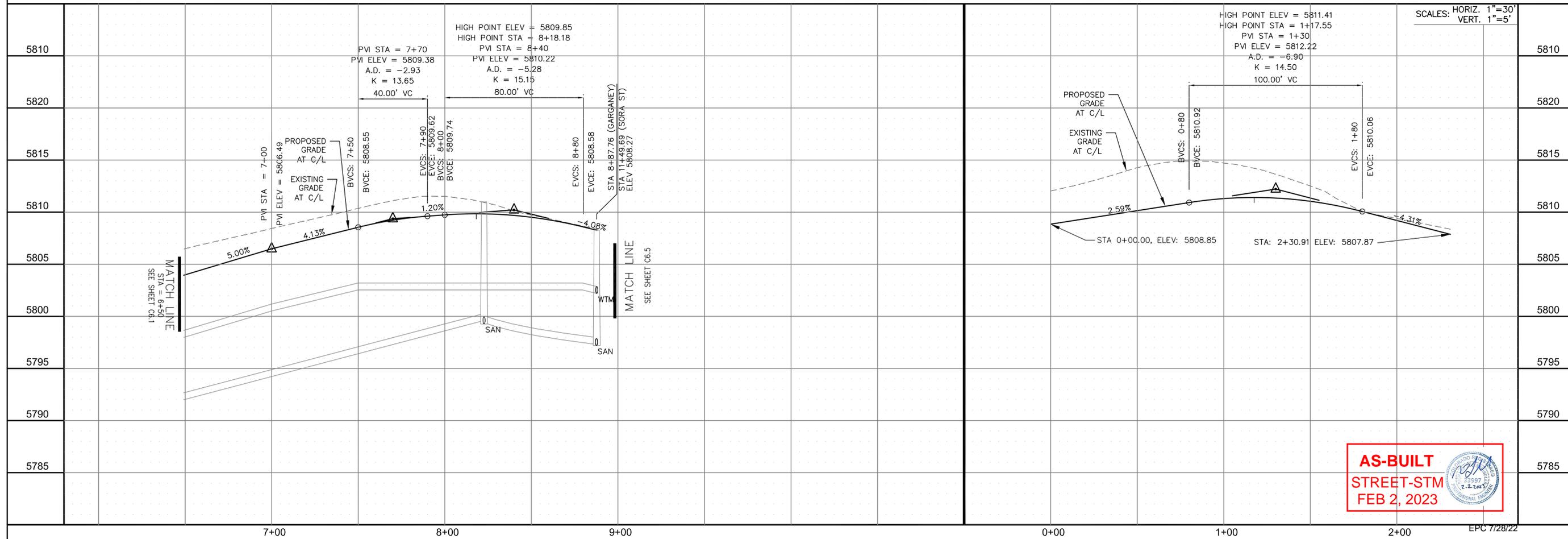
- ① CURVE DATA ID
- ② CURB TRANSITIONS
- ③ PEDESTRIAN RAMP, SEE SHEET C10.1

FL CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C4	22.02'	48.83	25°50'31"
C5	22.02'	48.83	25°50'31"
C6	161.23'	51.17	180°31'40"
C18	80.57'	35.83	128°50'38"



GARGANEY DRIVE

KNUCKLE "A" FL PROFILE



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 SUITE 1100  
 BIRDAVIA, CO 80903  
 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: **SKYLINE AT LORSON RANCH**  
 GRAYLING DR - LAMPREY DR  
 COLORADO SPRINGS, COLORADO  
 (719) 635-3200  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

STREET - STORM  
 GARGANEY DRIVE  
 STA 6+50 TO 8+87.76



**AS-BUILT**  
 STREET-STM  
 FEB 2, 2023

DATE: MAY 2, 2022

PROJECT NO. 100.063

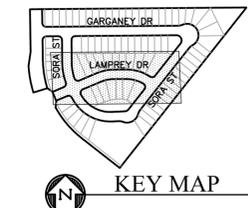
SHEET NUMBER C6.2

TOTAL SHEETS: 17

- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

- 1 CURVE DATA ID
- 2 CURB TRANSITIONS
- 3 PEDESTRIAN RAMP, SEE SHEET C10.1

FL CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	30.70'	20.00	87°56'18"
C2	32.34'	20.00	92°38'48"
C10	32.33'	20.00	92°36'29"
C11	30.79'	20.00	88°12'24"
C12	30.34'	20.00	86°54'19"
C13	32.99'	20.00	94°30'08"



**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: \_\_\_\_\_

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**  
**LAMPREY DRIVE**  
**STA 46+16 TO 51+83**

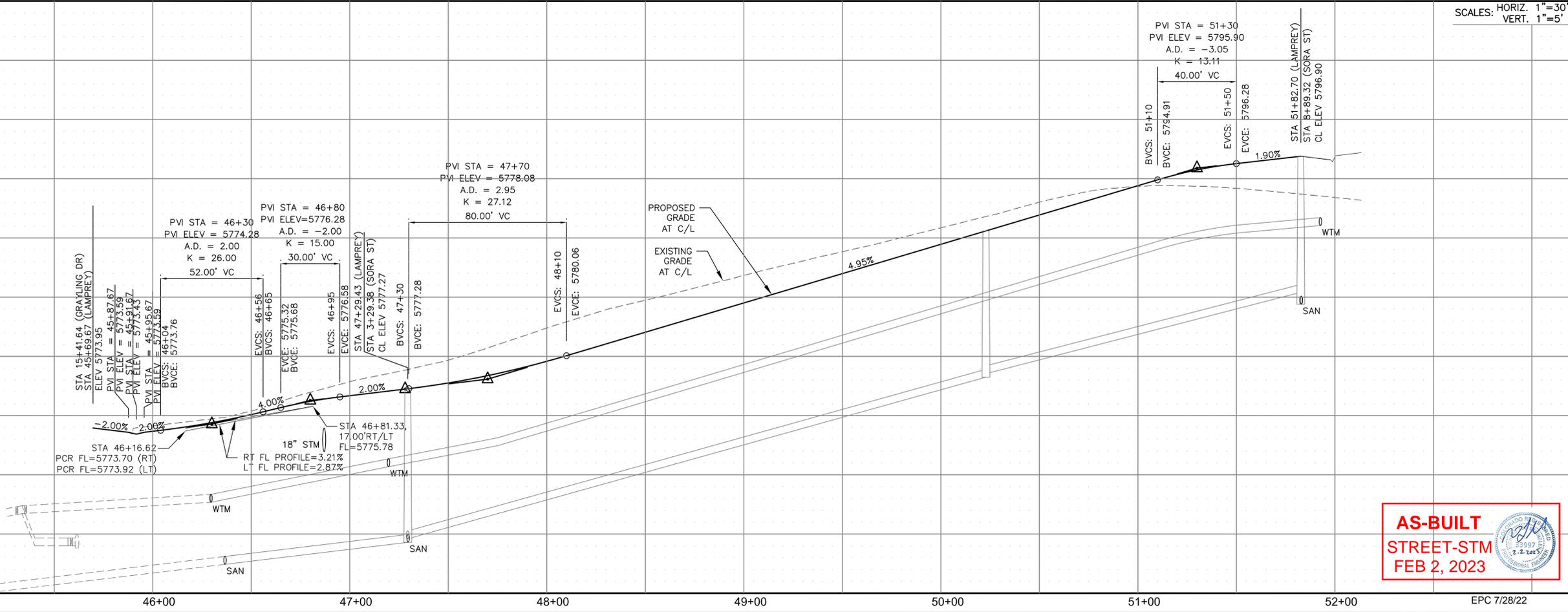
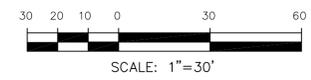
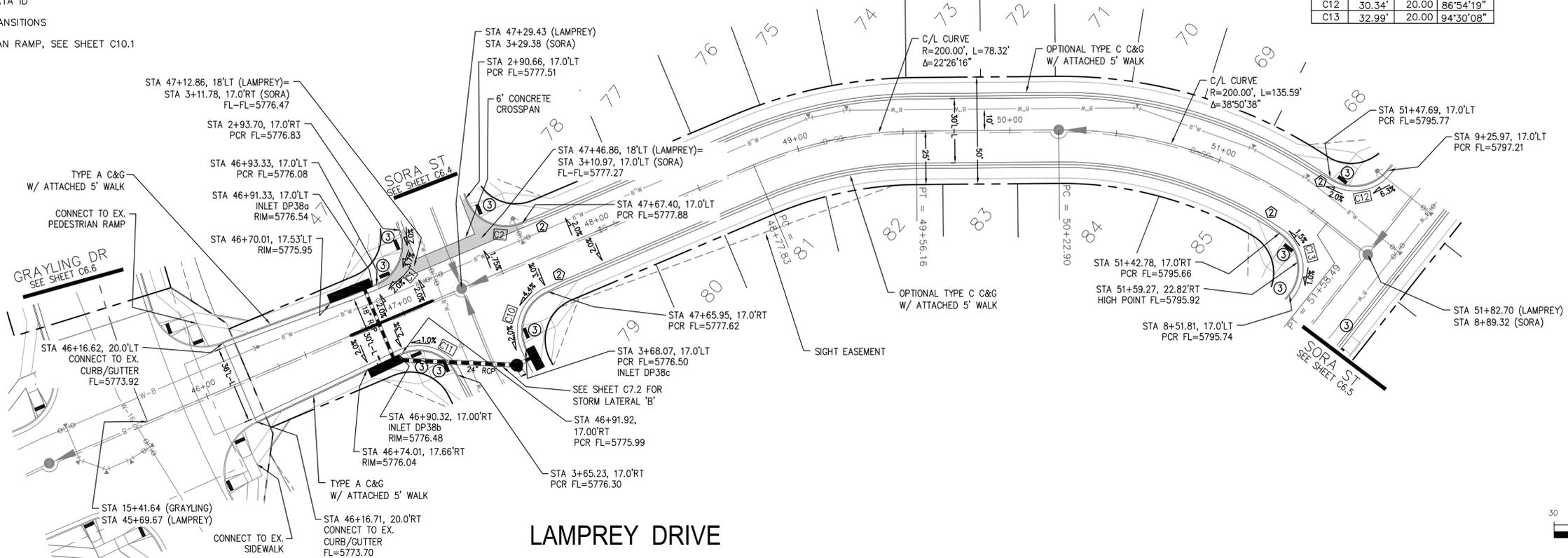


DATE:  
 MAY 2, 2022

PROJECT NO.  
 100.063

SHEET NUMBER  
 C6.3

TOTAL SHEETS: 17



**AS-BUILT**  
**STREET-STM**  
**FEB 2, 2023**

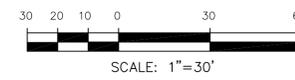
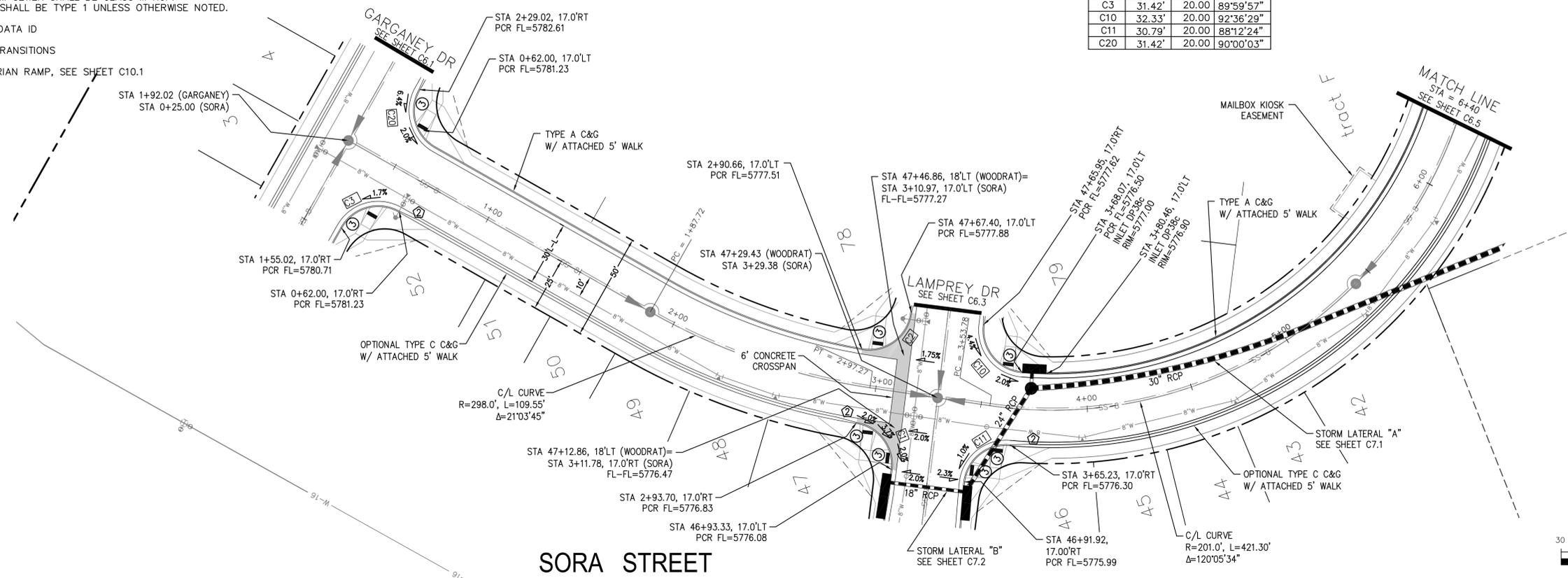
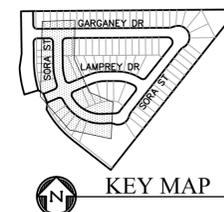


EPC 7/28/22

- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

- 1 CURVE DATA ID
- 2 CURB TRANSITIONS
- 3 PEDESTRIAN RAMP, SEE SHEET C10.1

FL CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	30.70'	20.00	87°56'18"
C2	32.34'	20.00	92°38'48"
C3	31.42'	20.00	89°59'57"
C10	32.33'	20.00	92°36'29"
C11	30.79'	20.00	88°12'24"
C20	31.42'	20.00	90°00'03"



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

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

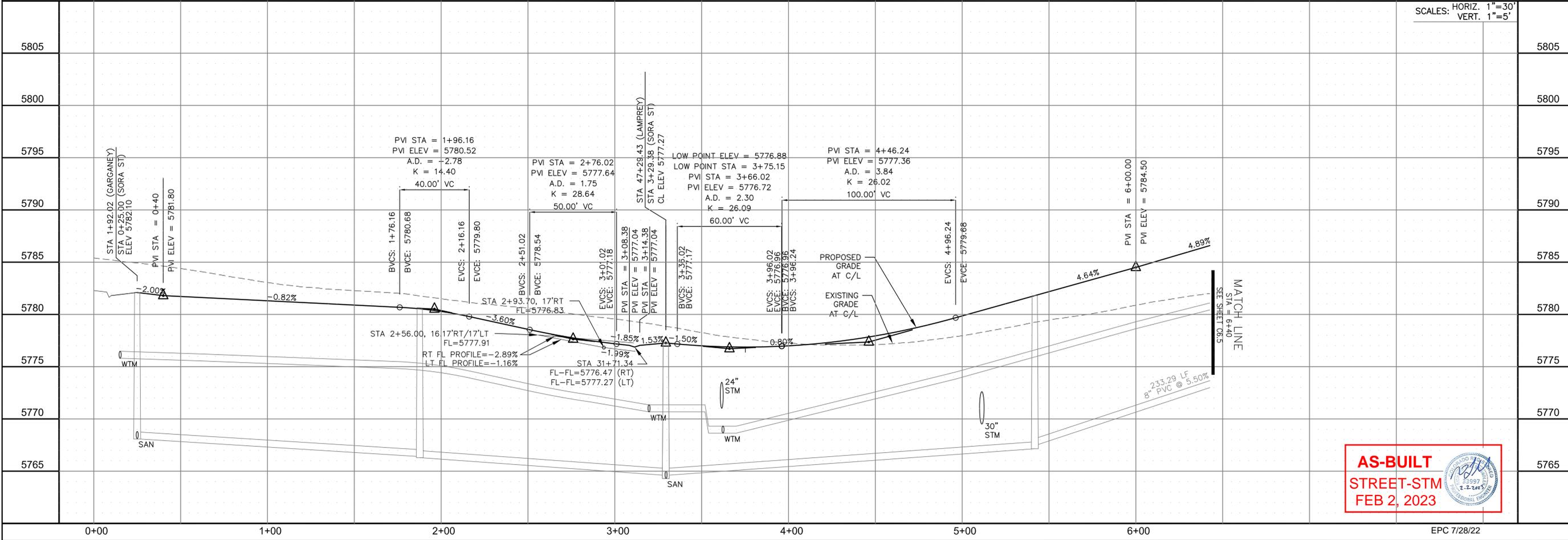
DESCRIPTION: \_\_\_\_\_

NO: \_\_\_\_\_

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

PROJECT: SKYLINE AT LORSON RANCH  
 GRANTING DR - LAMPREY DR  
 COLORADO SPRINGS, COLORADO 80903

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



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

STREET - STORM  
 SORA STREET  
 STA 0+25 TO 6+40



**AS-BUILT**  
 STREET-STM  
 FEB 2, 2023

DATE: MAY 2, 2022

PROJECT NO. 100.063

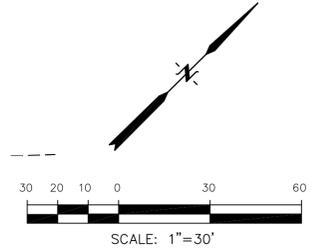
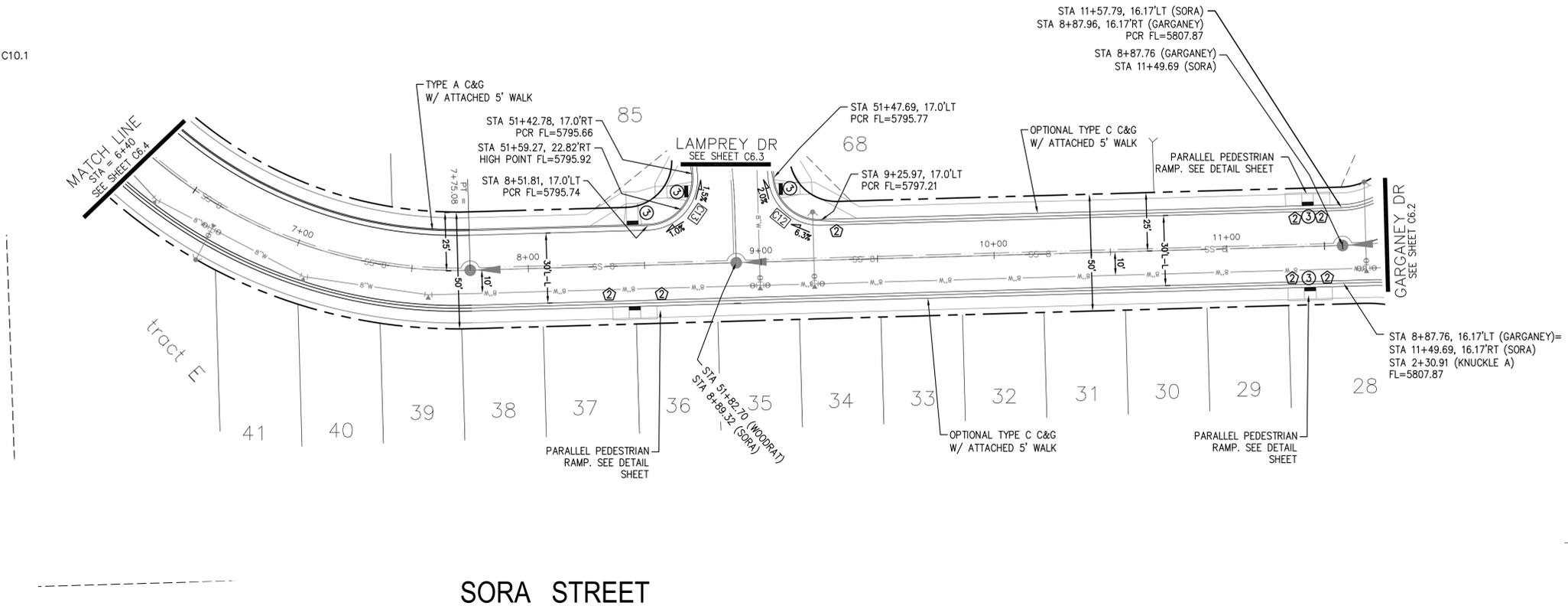
SHEET NUMBER C6.4

TOTAL SHEETS: 17

- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

- ① CURVE DATA ID
- ② CURB TRANSITIONS
- ③ PEDESTRIAN RAMP, SEE SHEET C10.1

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C12	30.34'	20.00	86°54'19"
C13	32.99'	20.00	94°30'08"



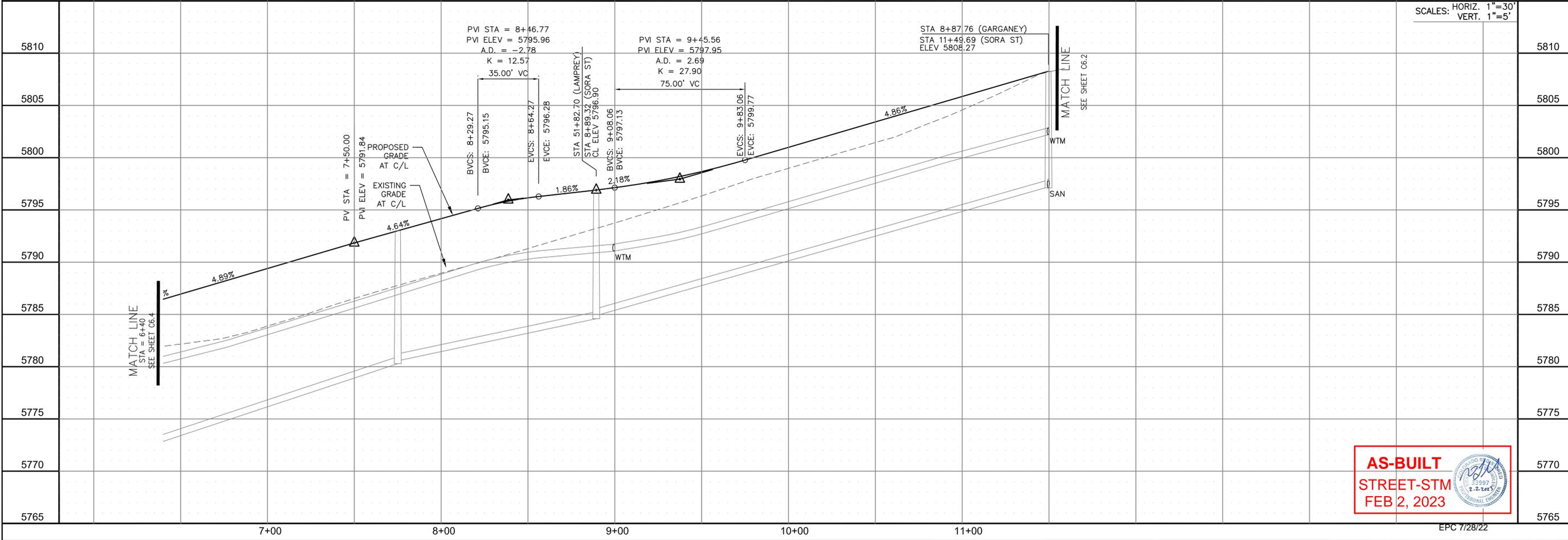
**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 SUITE 300  
 BIRCH CREEK, CO 80150  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cog1.com

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:  
**SKYLINE AT LORSON RANCH**  
 GRANTING DR - LAMPREY DR  
 COLORADO SPRINGS, COLORADO



**AS-BUILT**  
**STREET-STM**  
**FEB 2, 2023**



DATE:  
 MAY 2, 2022

PROJECT NO.  
 100.063

SHEET NUMBER  
 C6.5

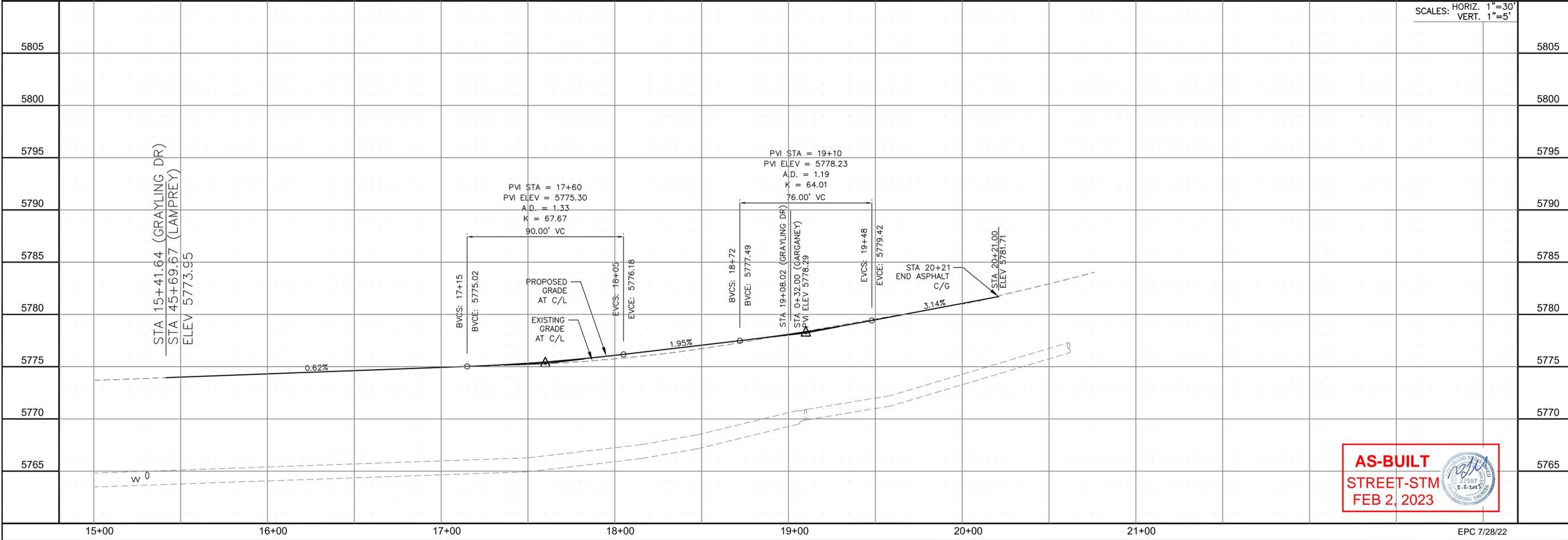
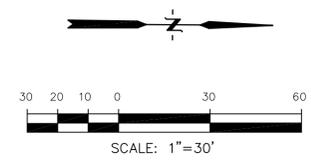
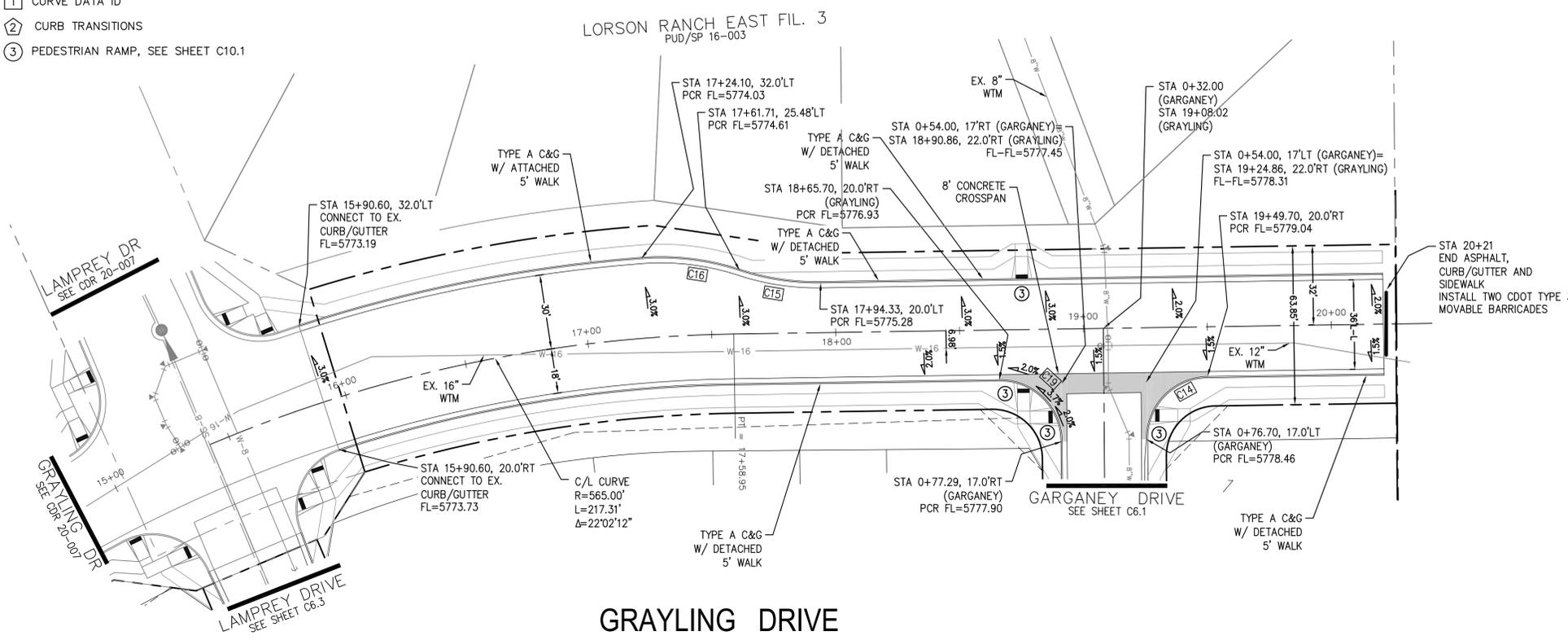
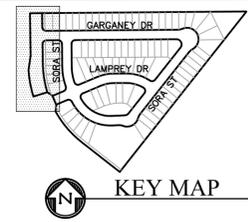
TOTAL SHEETS: 17

EPC 7/28/22

- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

- ① CURVE DATA ID
- ② CURB TRANSITIONS
- ③ PEDESTRIAN RAMP, SEE SHEET C10.1

FL CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C14	39.09'	25.00	89°35'56"
C15	33.23'	100.00	19°02'21"
C16	40.19'	102.00	22°34'23"
C19	39.44'	25.00	90°24'04"



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

**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 SUITE 301  
 BLDG 79 570 1100  
 COLORADO SPRINGS, COLORADO 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  
 (719) 635-3200  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

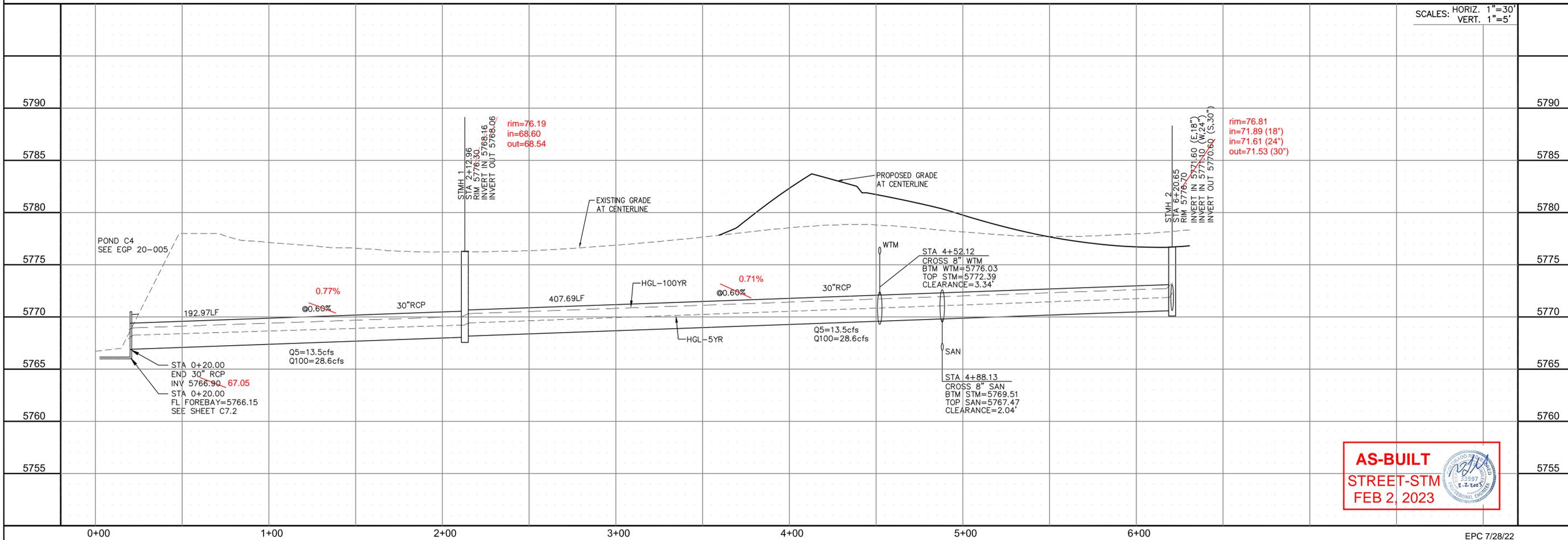
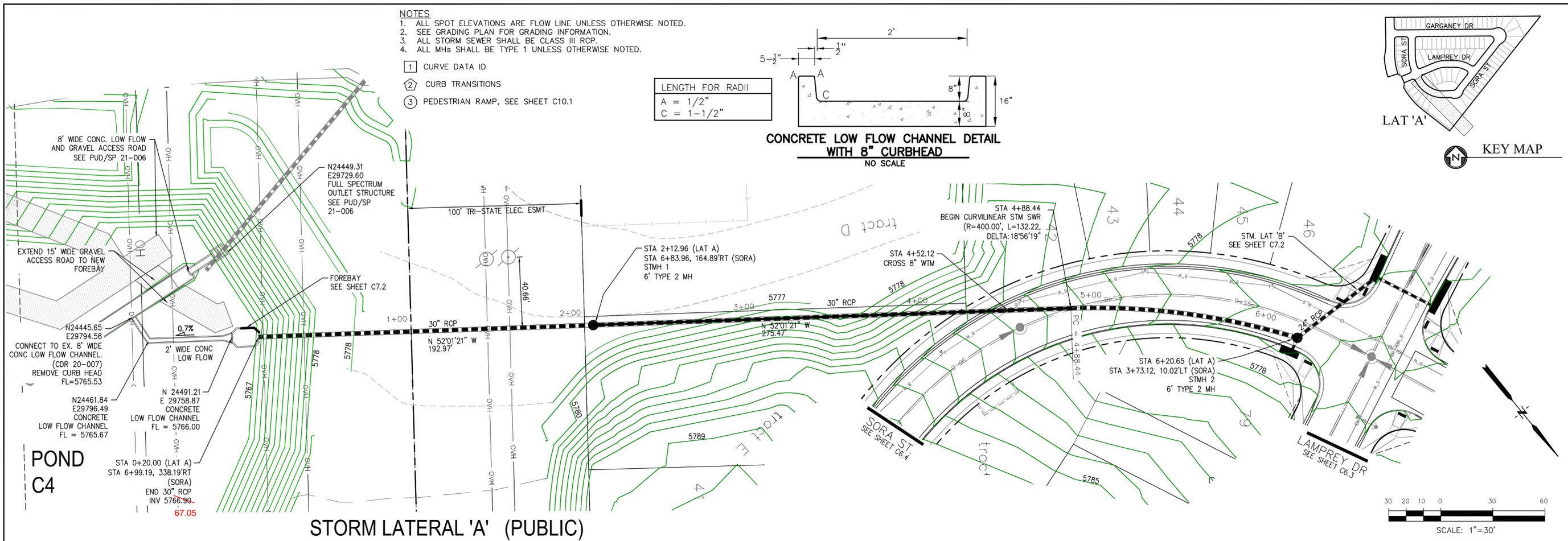
STREET - STORM  
 GRAYLING DRIVE  
 STA 15+41 TO 20+21



**AS-BUILT**  
**STREET-STM**  
**FEB 2, 2023**



DATE: MAY 2, 2022  
 PROJECT NO: 100.063  
 SHEET NUMBER: C6.6  
 TOTAL SHEETS: 17



**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BIRCH CREEK, CO 80150  
PHONE: 303.470.1100  
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:** **SKYLINE AT LORSON RANCH**  
GRAYLING DR - LAMPREY DR  
COLORADO SPRINGS, COLORADO

**DRAWN:** RLS  
**DESIGNED:** RLS  
**CHECKED:** RLS

**DATE:** MAY 2, 2022

**PROJECT NO.:** 100.063

**SHEET NUMBER:** C7.1

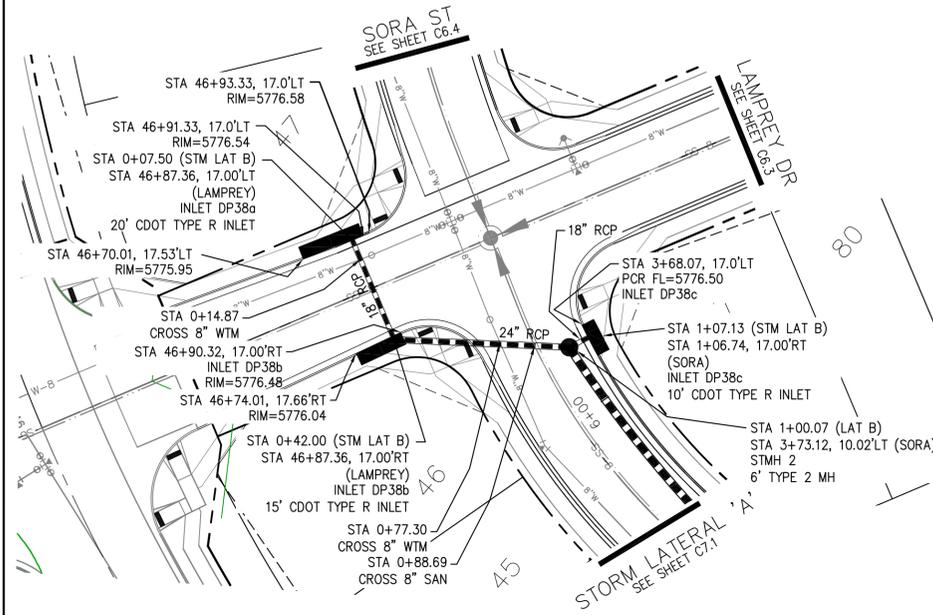
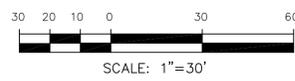
**TOTAL SHEETS:** 17

**AS-BUILT STREET-STM FEB 2, 2023**

**EPC 7/28/22**

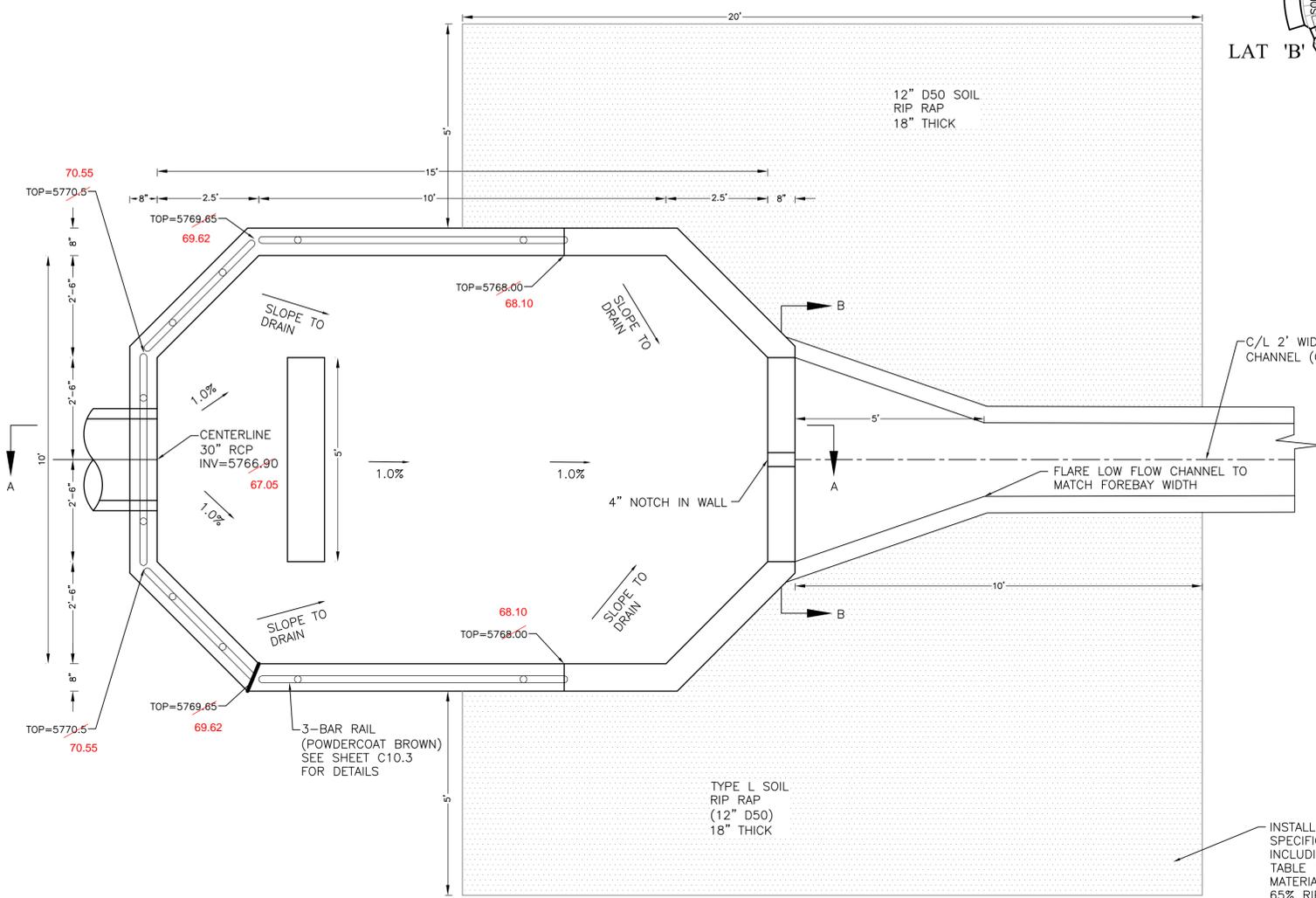
- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

- 1 CURVE DATA ID
- 2 CURB TRANSITIONS
- 3 PEDESTRIAN RAMP, SEE SHEET C10.1

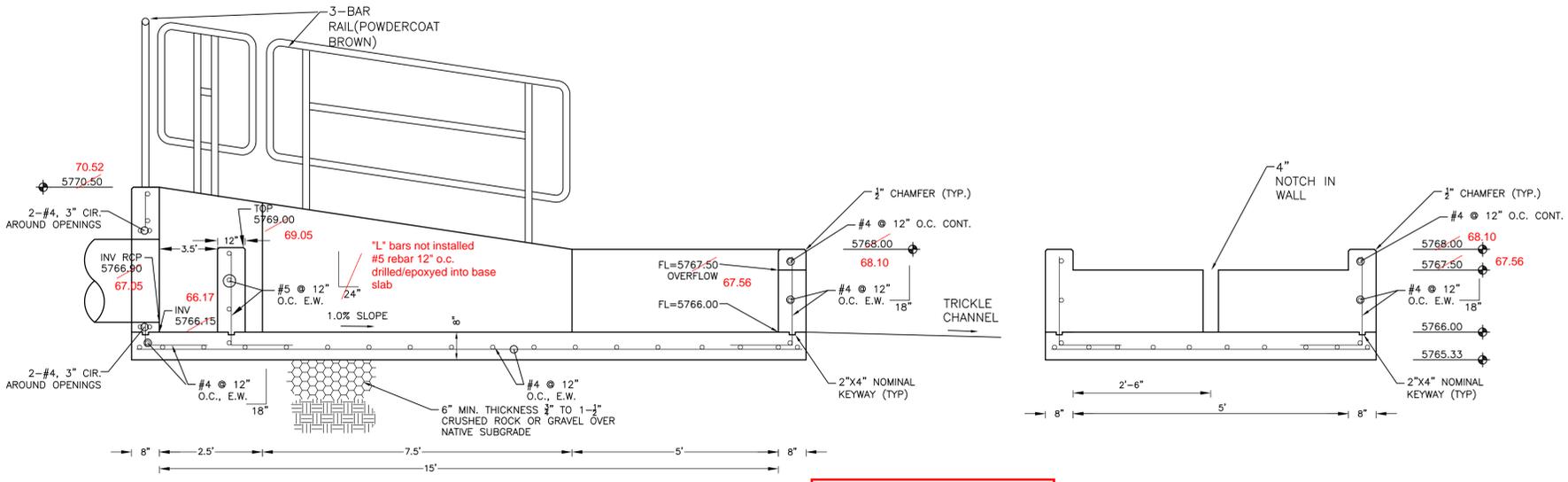


**STORM LATERAL 'B' (PUBLIC)**

Station	Description	Notes
5795		rim=76.81 in=71.89 (18") in=71.61 (24") out=71.53 (30")
5790		rim=76.58 out=72.48
5785		rim=76.59 in=72.21 out=71.91
5780		rim=76.87 out=71.97
5775		
5770		
5765		



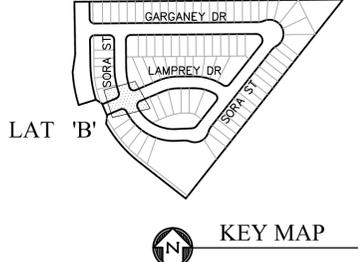
**FOREBAY DETAIL**  
NO SCALE



**FOREBAY SECTION A-A**  
NO SCALE

**FOREBAY SECTION B-B**  
NO SCALE

**AS-BUILT**  
STREET-STM  
FEB 2, 2023



**KEY MAP**

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
BIRCH CREEK, CO 80150  
PHONE: 303.479.1100  
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:  
**SKYLINE AT LORSON RANCH**  
GRATLING DR - LAMPREY DR  
COLORADO SPRINGS, COLORADO

**STORM SEWER LATERAL 'B'**  
**STORM LATERAL 'B'**  
**AND POND C4 FOREBAY**

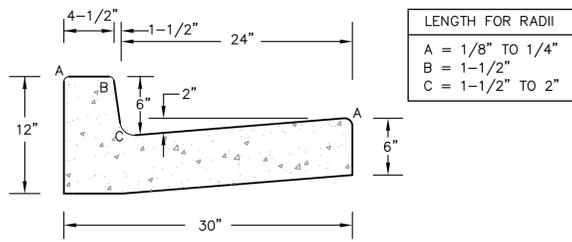
DATE:  
MAY 2, 2022

PROJECT NO.  
100.063

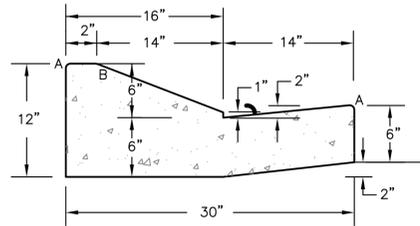
SHEET NUMBER  
C7.2

TOTAL SHEETS: 17



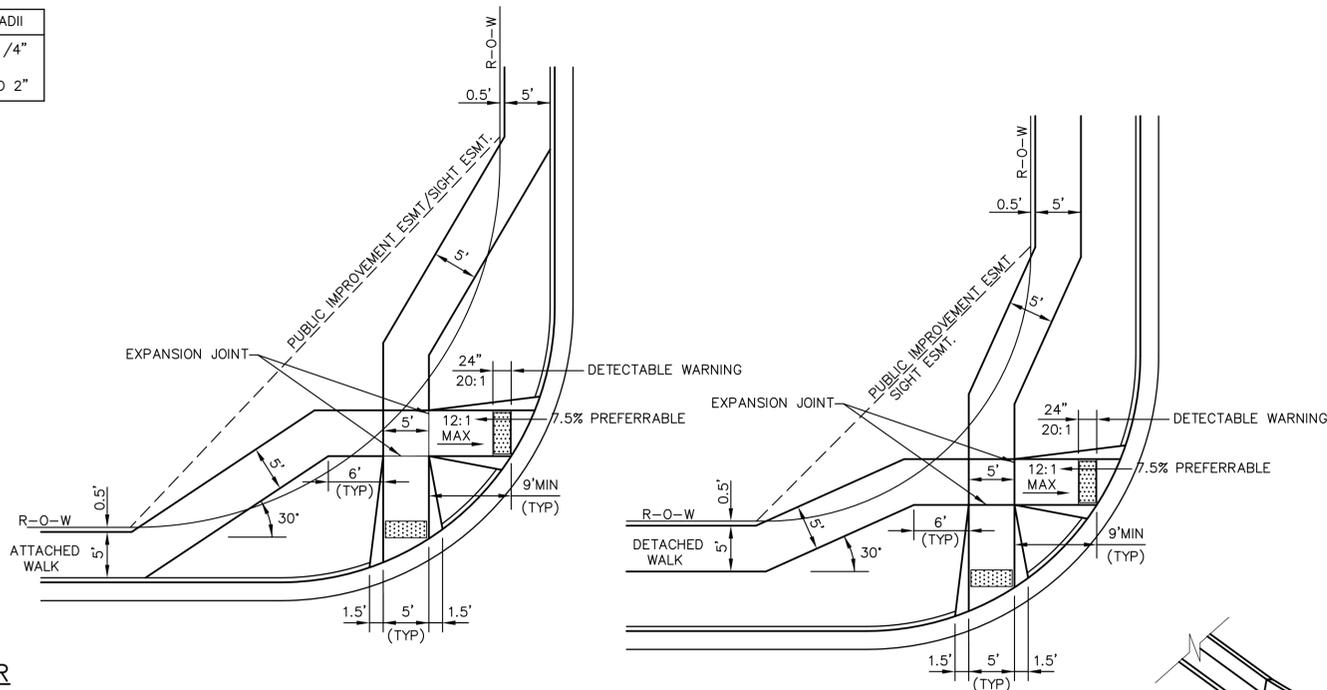


**TYPE 'A'**  
**VERTICAL CURB AND GUTTER**  
SCALE 1" = 1'-0"



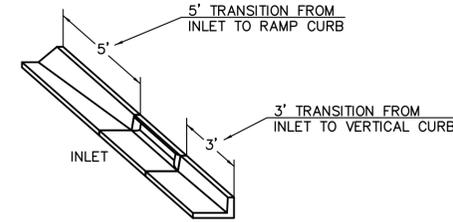
**TYPE 'C'**  
**OPTIONAL TYPE C RAMP CURB AND GUTTER**  
SCALE 1" = 1'

**CURB DETAILS (ECM SD 2-20)**

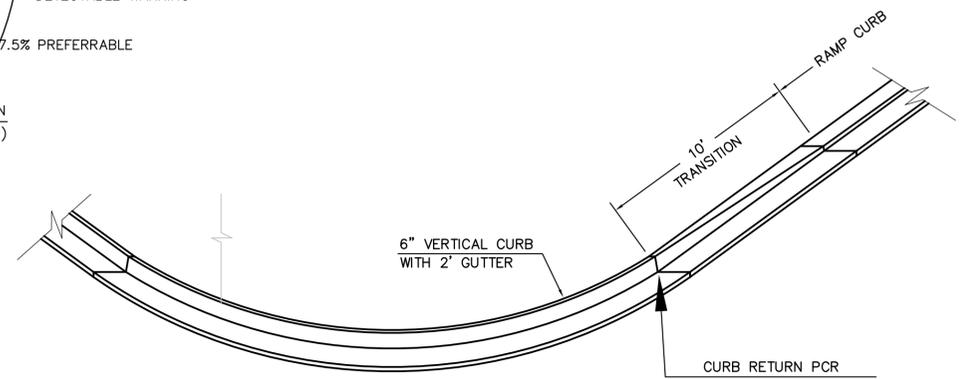


**PEDESTRIAN RAMPS AT INTERSECTIONS (ECM SD 2-40)**

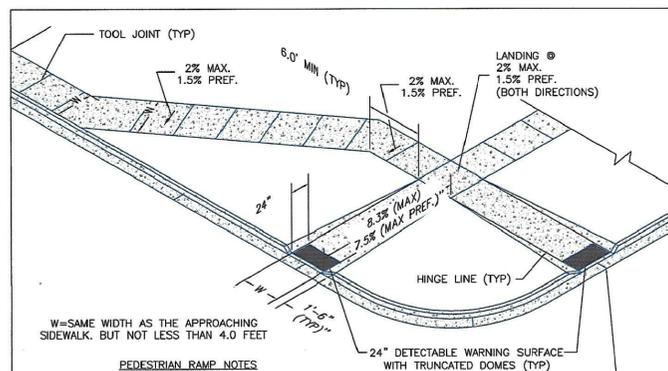
NO SCALE



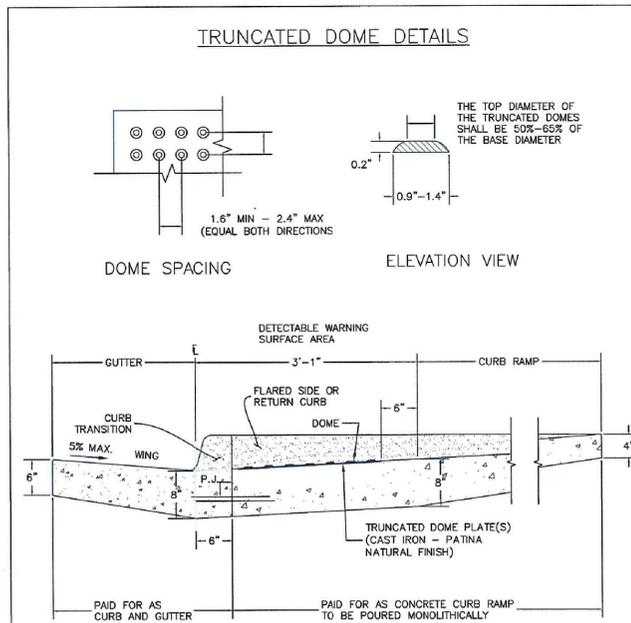
**CURB INLET DETAIL**  
NTS



**CURB TRANSITION DETAIL**  
NTS

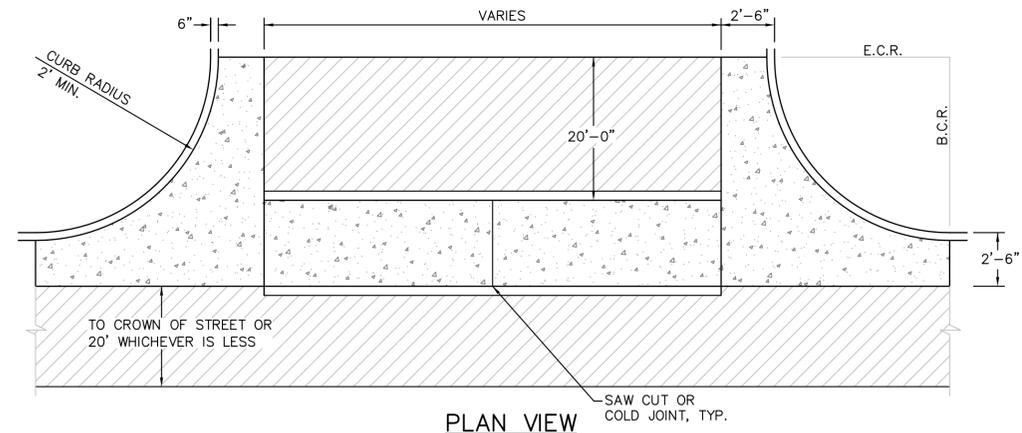


- PEDESTRIAN RAMP NOTES**
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT ENGINEERING CRITERIA MANUAL AND ADA REQUIREMENTS.
  - CONTRACTOR TO NOTIFY ENGINEERING DIVISION INSPECTION STAFF 48 HOURS PRIOR TO CONCRETE PLACEMENT.
  - PEDESTRIAN CURB RAMP CONSTRUCTION SHALL BE A MINIMUM 4500 PSI CONCRETE, MINIMUM 4" THICK, NON-COLORED, NON-SCORED, COMB BROOM FINISH.
  - PEDESTRIAN CURB RAMP LOCATION AND LENGTH MAY REQUIRE MODIFICATION TO MAINTAIN THE 8.3% MAXIMUM RUNNING RAMP SLOPE DUE TO STREET INTERSECTION GRADES AND/OR ALIGNMENTS. SEE ECM SECTION 6.3.4 FOR PEDESTRIAN PAVEMENT LOCATION REQUIREMENTS.
  - DETECTABLE WARNING SURFACE SHALL START A MINIMUM OF 6" BUT NOT MORE THAN 8" FROM THE FLOWLINE OF THE CURB AT ANY POINT.
  - DETECTABLE WARNING SURFACE SHALL BE PREFABRICATED, CAST IRON (WITH NATURAL FINISH) AND IN ACCORDANCE WITH ECM CHAPTER 6 AND SD 2-42. THERMOPLASTIC TRUNCATED DOMES AND PAVERS WILL NOT BE ACCEPTED.
  - THE DETECTABLE WARNING SURFACE SHALL BE 24" IN LENGTH AND THE FULL WIDTH OF THE RAMP.
  - PEDESTRIAN CURB RAMP WIDTH REQUIRED IS SAME AS APPROACHING SIDEWALK 4' MINIMUM.
  - ALL PEDESTRIAN CURB RAMPS WILL BE PERPENDICULAR TO TRAFFIC WITH THE EXCEPTION OF MID-BLOCK OR TERMINAL RAMPS WHICH MAY BE PARALLEL. SUBJECT TO APPROVAL.
  - DRAINAGE STRUCTURES, TRAFFIC SIGNAL/SIGNAGE, UTILITIES/JUNCTION BOXES, OR OTHER OBSTRUCTIONS WITHIN PROPOSED PEDESTRIAN CURB RAMP AREAS AND LANDINGS ARE PROHIBITED.
  - THE COUNTER SLOPE OF THE GUTTER OR ROAD AT THE FOOT OF A RAMP SHALL NOT EXCEED 5%.
- GENERAL NOTES**
- WHERE THE 1'-6" FLARED SIDE(S) OF A PERPENDICULAR CURB RAMP IS (ARE) CONTIGUOUS WITH A PEDESTRIAN OR HARD SURFACE AREA (PEDESTRIAN CIRCULATION PATH), THE MAXIMUM FLARE SLOPE SHALL NOT EXCEED 10%.
  - PEDESTRIAN WALKWAY (PEDESTRIAN ACCESS ROUTE) AND/OR LOCATION OF EXISTING OR FUTURE PEDESTRIAN RAMPS ON OPPOSITE CORNERS SHALL BE REVIEWED BEFORE CONSTRUCTING NEW RAMPS.
  - AT MARKED PEDESTRIAN CROSSINGS, THE BOTTOM OF THE RAMPS, EXCLUSIVE OF THE FLARE SIDES, SHALL BE TOTALLY CONTAINED WITHIN THE MARKINGS.
- LAYOUT CURB SECTIONS SO THAT AT LEAST ONE TOOL JOINT IS WITHIN RAMP THROAT

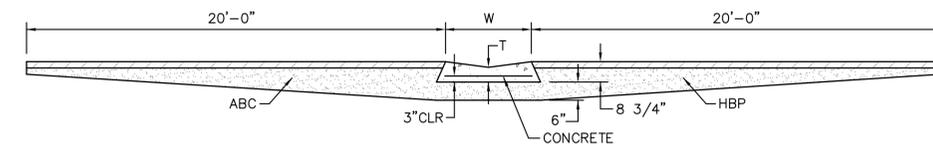


**TRUNCATED DOME DETAILS (ECM SD 2-42)**

NO SCALE



**PLAN VIEW**



**SECTION A - A**

**TYPICAL CROSSSPAN LAYOUT (ECM SD 2-26)**

NO SCALE

- NOTES**
- W = WIDTH SHALL BE 6' FOR LOCAL, 8' FOR COLLECTORS, 10' FOR ARTERIAL ROADS.
  - T = SQUARED-OFF RETURN TO BE POURED MONOLITHIC 8" PCC, OR 9" FOR COLLECTORS MINIMUM WITH 6x6 - 4.4 WWF OR #4 @ 18"E.W.
  - 3" CLR = 3" MINIMUM ASPHALT DEPTH (2 LIFTS).
  - DESIGN TO SPECIFY ELEVATIONS AT PI AND PCR.

6/23/20	Pedestrian Curb Ramp Detail	
DATE APPROVED:	Standard Drawing	
Jennifer E. Irvine	REVISION DATE: 6/23/20	FILE NAME: SD_2-41
DEPARTMENT OF PUBLIC WORKS		

6/23/20	Detectable Warning Surface Details	
DATE APPROVED:	Standard Drawing	
Jennifer E. Irvine	REVISION DATE: 6/23/20	FILE NAME: SD_2-42
DEPARTMENT OF PUBLIC WORKS		

**TRUNCATED DOME DETAILS (ECM SD 2-42)**



**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  
(719) 635-5200  
CONTACT: JEFF MARK

PROJECT: **SKYLINE AT LORSON RANCH FIL. NO. 1**  
GRAYLING DR - LAMPREY DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**ROADWAY DETAIL SHEET**

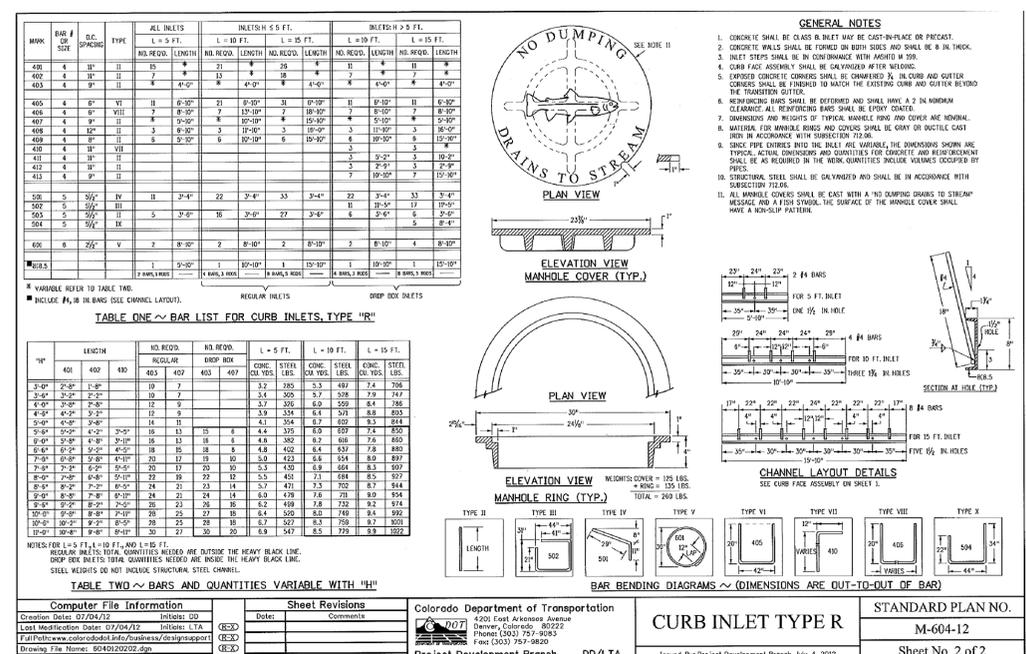
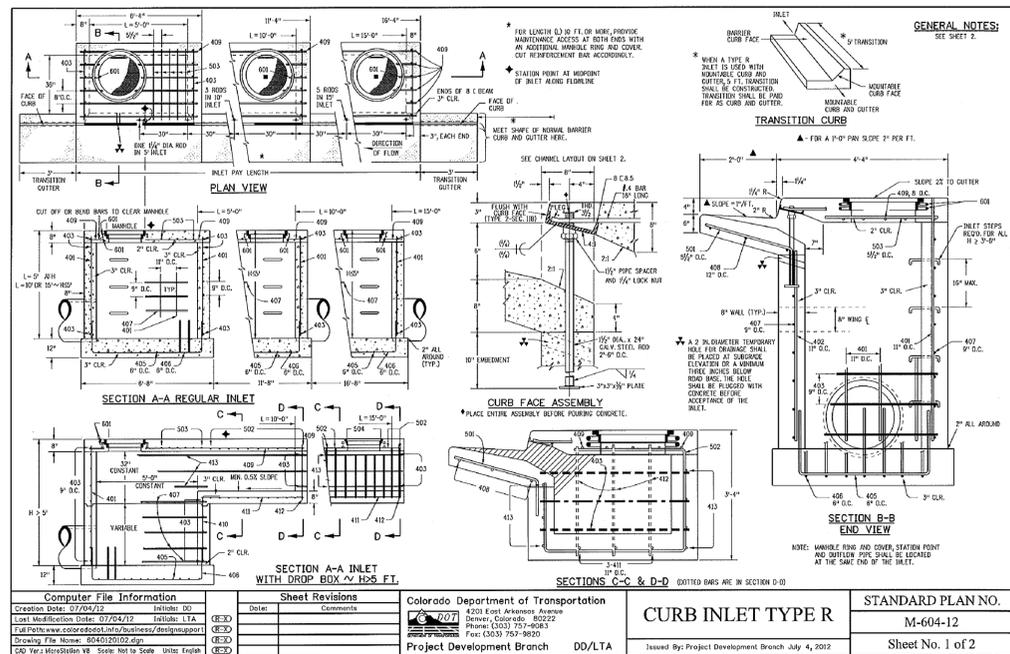
DATE: MAY 2, 2022

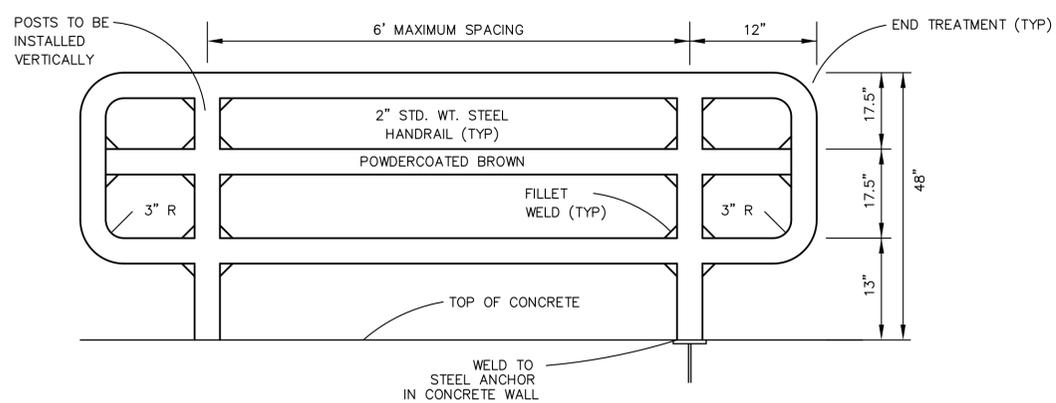
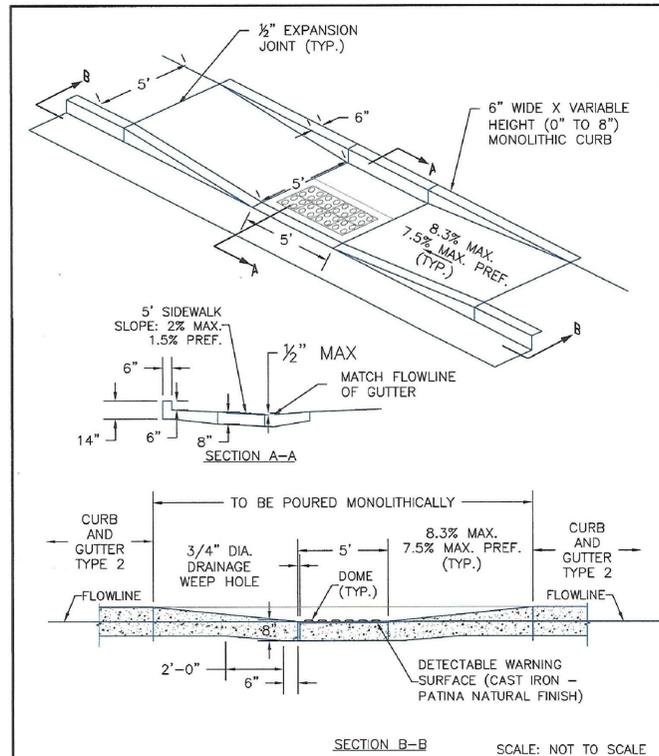
PROJECT NO. 100.063

SHEET NUMBER C10.1

TOTAL SHEETS: 17

EPC 7/28/22





DATE APPROVED: 6/23/20	DEPARTMENT OF PUBLIC WORKS	Jennifer E. Irvine
REVISION DATE: 6/23/20	FILE NAME: SD_2-50	DEPARTMENT OF PUBLIC WORKS

**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  
 (719) 635-5200  
 CONTACT: JEFF MARK

PROJECT:  
**SKYLINE AT LORSON RANCH FIL. NO. 1**  
 GRAYLING DR - LAMPREY DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SKYLINE AT LORSON RANCH FIL. NO. 1 ROADWAY DETAIL SHEET**



DATE:  
MAY 2, 2022  
 PROJECT NO.  
100.063  
 SHEET NUMBER  
C10.3  
 TOTAL SHEETS: 17

**AS-BUILT**  
**STREET-STM**  
**FEB 2, 2023**