

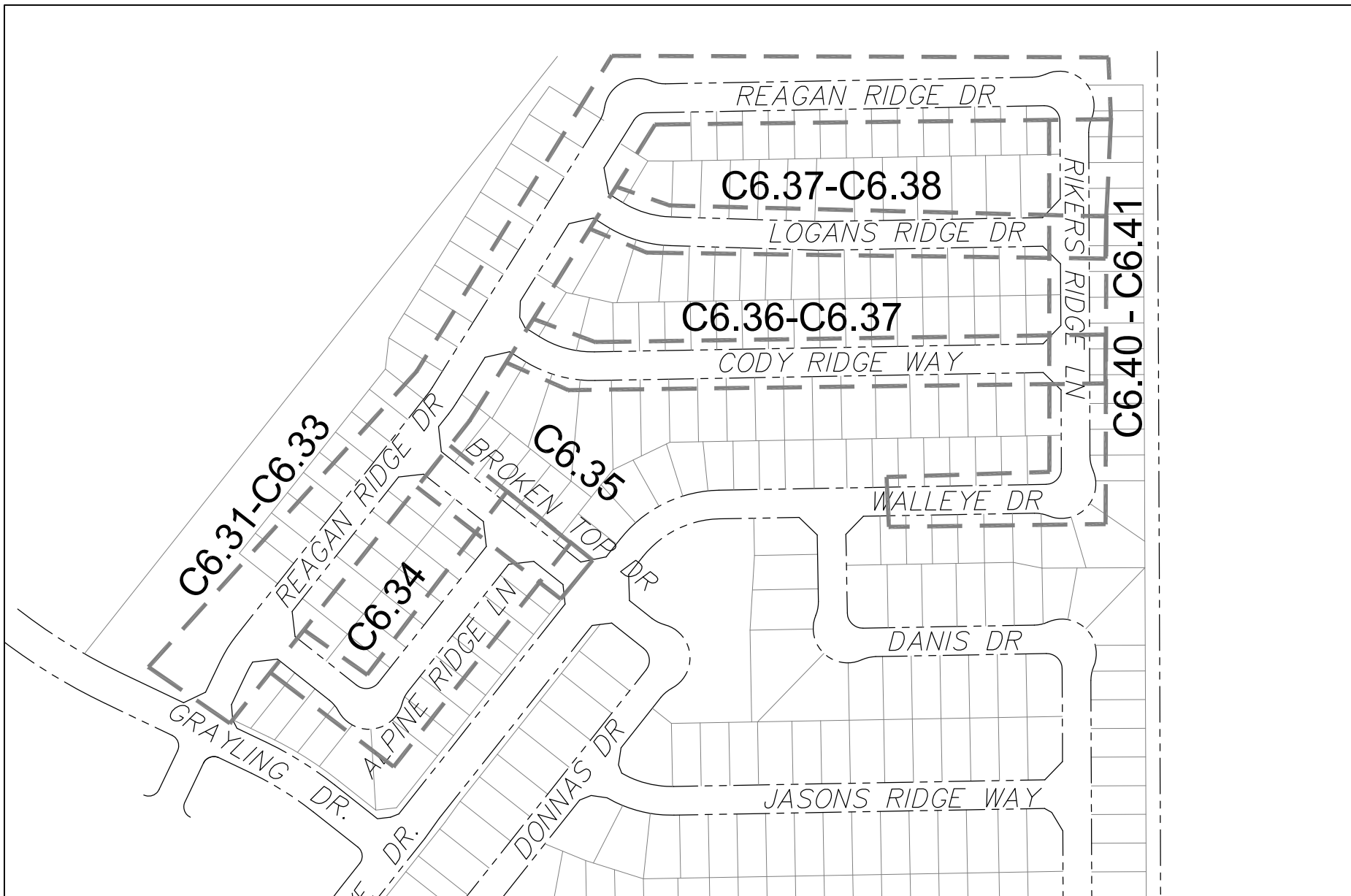
# CONSTRUCTION PLANS FOR THE HILLS AT LORSON RANCH FILING NO. 3

## STREET & 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

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.

Does not match sheet #

SHEET INDEX	
SHEET NO.	SHEET DESCRIPTION
C1.1	COVER SHEET
C1.2	NOTES
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C5.1	SIGNING & STRIPING PLAN
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C6.39	NOT USED !!!!
C6.40-C6.41	STREET - STORM PLAN AND PROFILES
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 \_\_\_\_\_

BY \_\_\_\_\_ DATE NOV, 2021

TITLE MANAGER \_\_\_\_\_

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

**LEGEND**

- SUBDIVISION BOUNDARY
- EXISTING AND PROPOSED RIGHT OF WAY
- EXISTING AND PROPOSED LOT LINES
- EXISTING AND PROPOSED EASEMENTS
- STREET CENTERLINE
- PROPOSED CURB AND GUTTER
- EX-W --- EXISTING WATERMAIN
- W-O --- PROPOSED WATERMAIN
- SS-8 --- EXISTING SANITARY SEWER
- SS-8 --- PROPOSED SANITARY SEWER
- SS-24 --- EXISTING 24" SANITARY SEWER
- G --- EXISTING GASMAIN
- E --- EXISTING UNDERGROUND ELECTRIC
- OHE --- EXISTING OVERHEAD ELECTRIC
- TV --- EXISTING CABLE TV
- T --- 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

**CONSTRUCTION APPROVAL**

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUALS VOLUME 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED. IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE TWO YEARS THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION

JENNIFER IRVINE, COUNTY ENGINEER/ECM ADMINISTRATOR DATE  
CONDITIONS: FOR STORM SEWER CONSTRUCTION ONLY

**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

**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 80910  
719-520-6300

**BASIS OF BEARING**

BEARINGS ARE BASED ON THE SOUTH LINE OF THE NORTH HALF OF SECTION 23, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN AS BEING SOUTH 89°41'52" WEST. THE EAST QUARTER CORNER OF SAID SECTION 23 IS A FOUND 3-1/2" ALUMINUM CAP MONUMENT AND THE WEST QUARTER CORNER OF SAID SECTION 23 IS A FOUND 2-1/2" ALUMINUM CAP MONUMENT

**BENCHMARK**

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

**TRAFFIC CONTROL NOTE**

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

SF-22-007

SF 21-\_\_\_\_\_

**CORE ENGINEERING GROUP**

15004 1ST AVENUE S.  
BURNSVILLE, MN 55306  
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 RIDGE AT LORSON RANCH FIL NO. 3**  
FONTAINE BLVD, WALLEYE DR  
COLORADO SPRINGS, COLORADO  
CONTACT: JEFF MARK

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**THE RIDGE AT LORSON RANCH FIL NO. 3  
STREET & STORM SEWER  
CONSTRUCTION PLANS**

DATE: NOV, 2021  
PROJECT NO. 100.068  
SHEET NUMBER **C0.1**  
TOTAL SHEETS: 18

**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 EQUIL JOINT GASKET FOR ALL RCP STORM SEWER JOINTS

**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. WASHATCH AVE., SUITE 301  
 COLORADO SPRINGS, CO 80903  
 PROJECT: THE RIDGE AT LORSON RANCH FIL. NO. 3  
 FONTAINE BLVD - WALLEYE DR  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**THE RIDGE AT LORSON RANCH FIL NO. 3  
 STREET / STORM SEWER  
 NOTES**

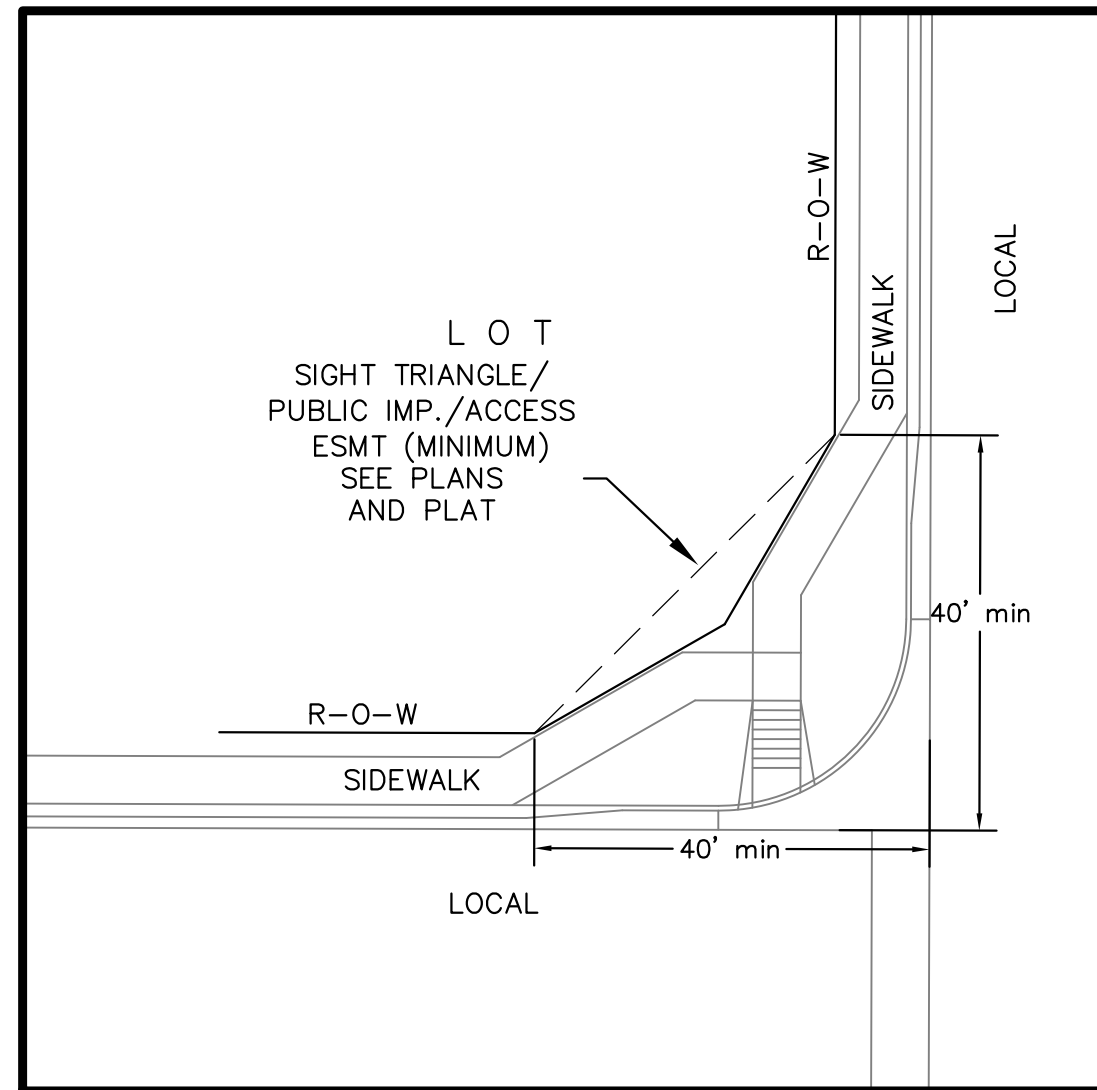
DATE:  
 NOV, 2021

PROJECT NO.  
 100.068

SHEET NUMBER  
 C1.2

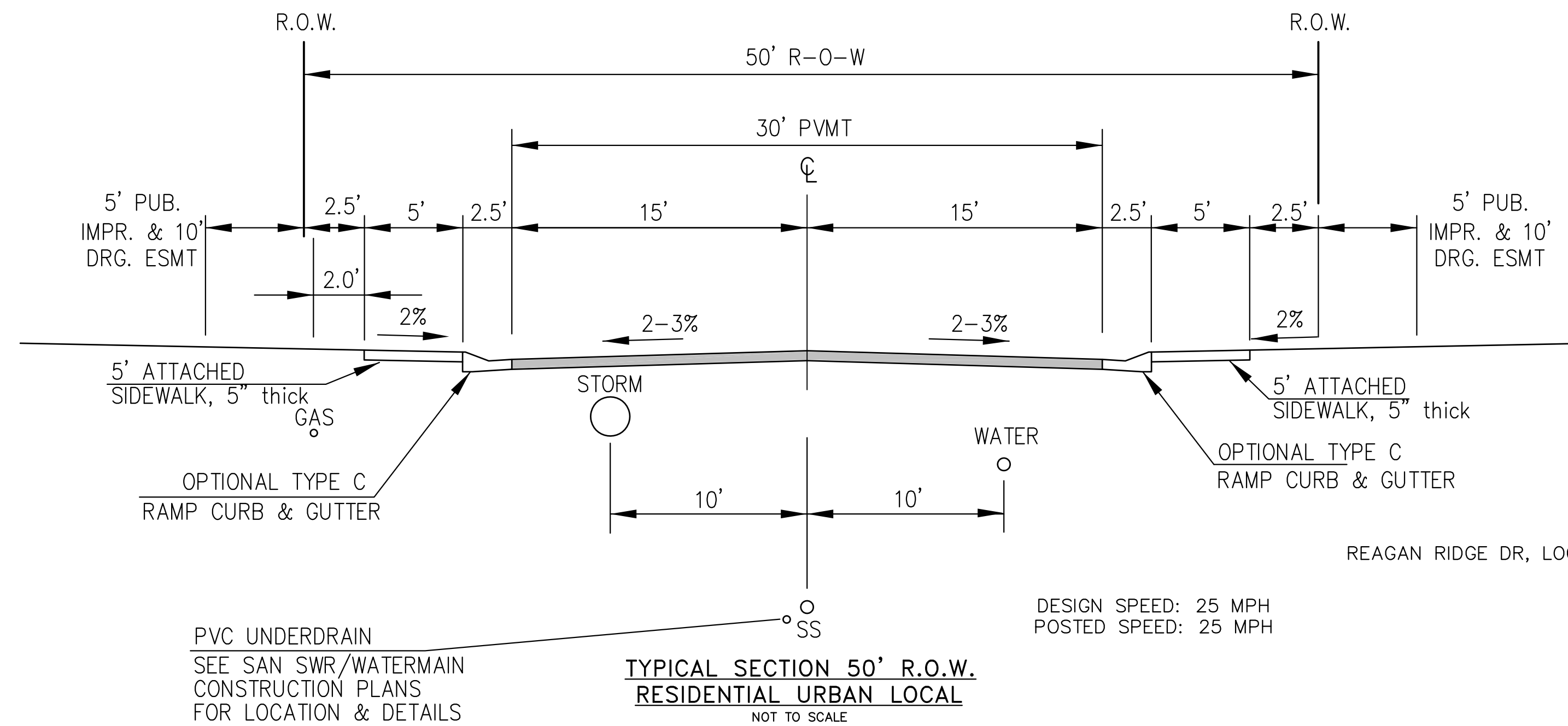
TOTAL SHEETS: 18





**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



NOTE:  
Pavement section to be determined  
by Hveem analysis and design. Design  
to be approved by El Paso County PCD Engineering  
REAGAN RIDGE DR, LOGANS RIDGE LN, CODY RIDGE WAY, WALLEYE DR, RIKERS RIDGE LANE,  
BROKEN TOP DR, ALPINE RIDGE LANE

**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: \_\_\_\_\_  
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212 N. WASHACH AVE., SUITE 301  
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CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON  
RANCH FIL. NO. 3**  
FONTAINE BLVD - WALLEYE DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

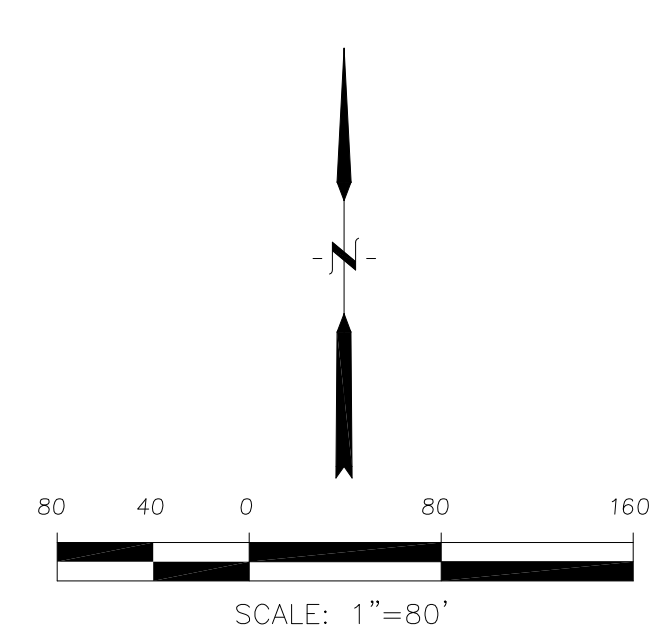
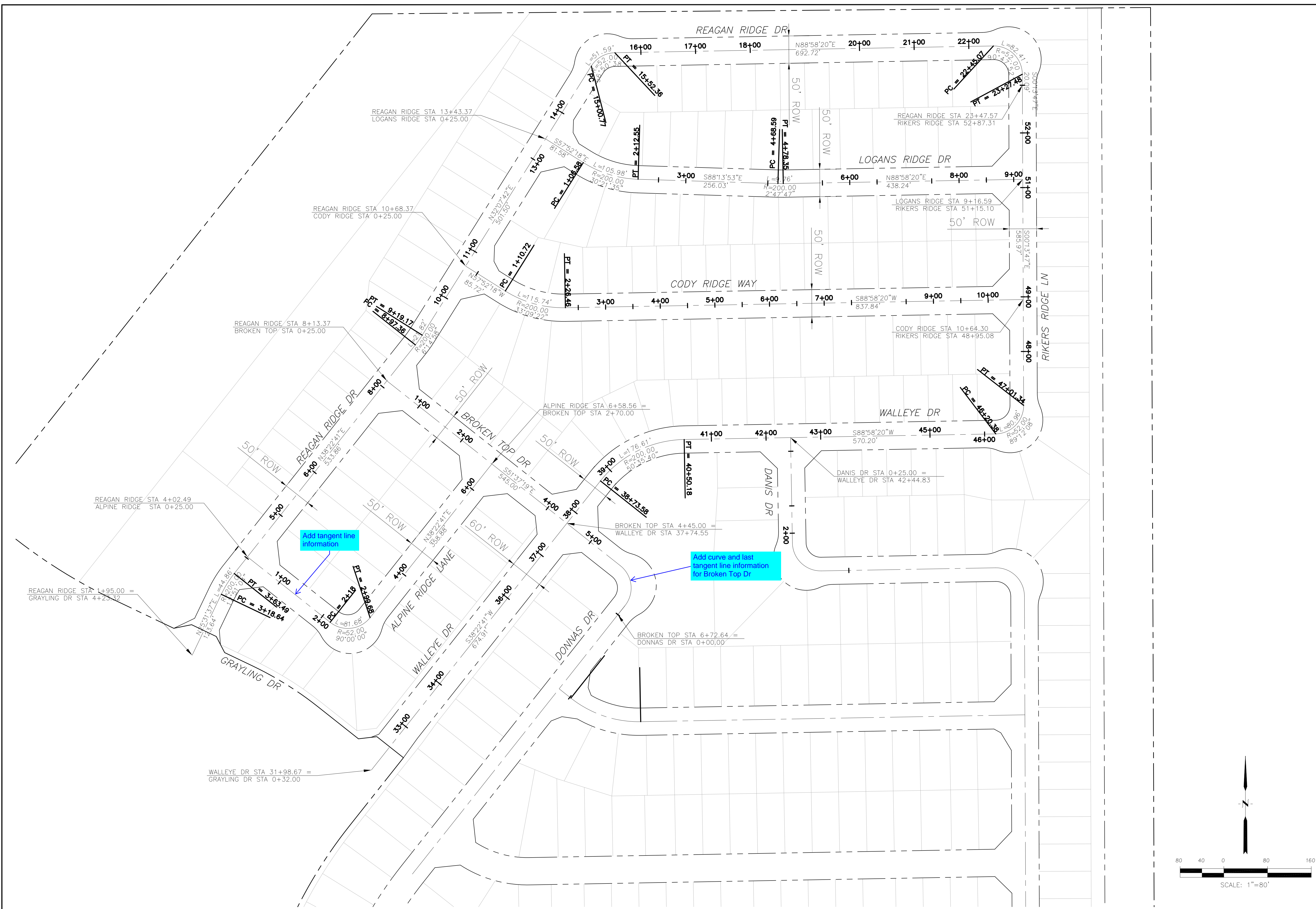
TYPICAL SECTIONS

DATE:  
NOV, 2021

PROJECT NO.  
100.068

SHEET NUMBER  
C1.3

TOTAL SHEETS: 18



**CORE**  
**ENGINEERING GROUP**  
 15004 1ST AVENUE S,  
 BLDG 100, SUITE 35506  
 BIRMGHAM, AL 35206  
 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  
 (719) 635-3200  
 CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON**  
**RANCH FIL NO. 3**  
 FOR ANNE BLVD., WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**THE RIDGE**  
**AT LORSON RANCH FIL NO. 3**  
**HORIZONTAL CONTROL PLAN**

DATE:  
 NOV, 2021

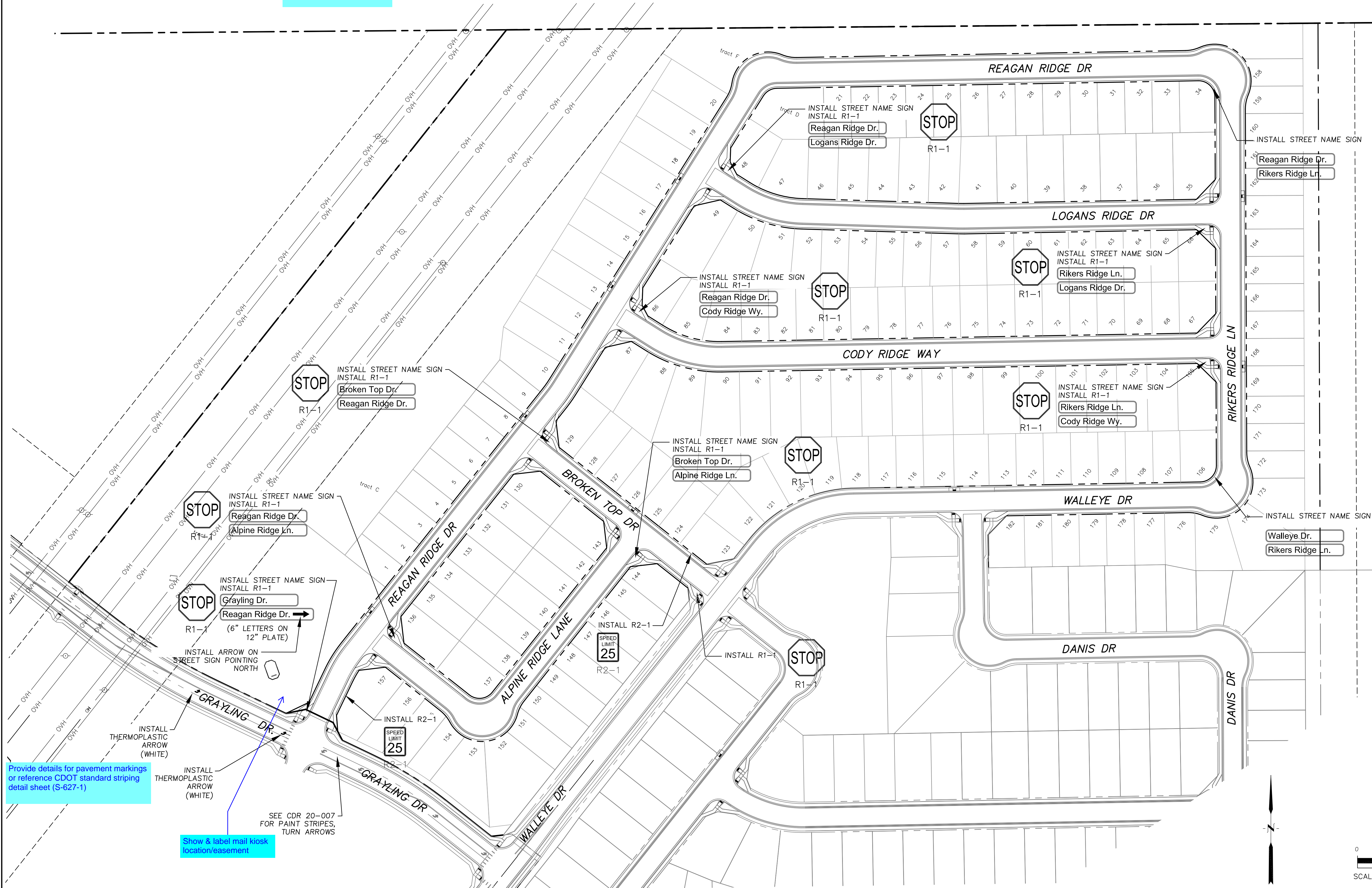
PROJECT NO.  
 100.068

SHEET NUMBER  
**C2.1**

TOTAL SHEETS: 18



include sizes for all signs.



Provide details for pavement markings or reference CDOT standard striping detail sheet (S-627-1)

Show & label mail kiosk location/easement

SEE CDR 20-007 FOR PAINT STRIPES, TURN ARROWS

**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 P.O. BOX 55506  
 DENVER, CO 80215  
 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 RIDGE AT LORSON RANCH FIL NO. 3**  
 17100 W. WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**SIGNING AND STRIPING PLAN**

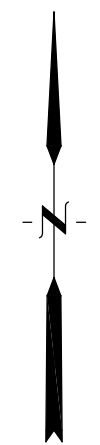
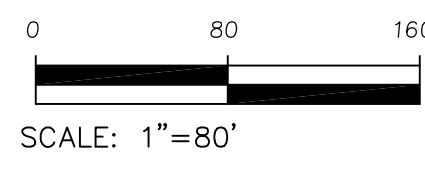
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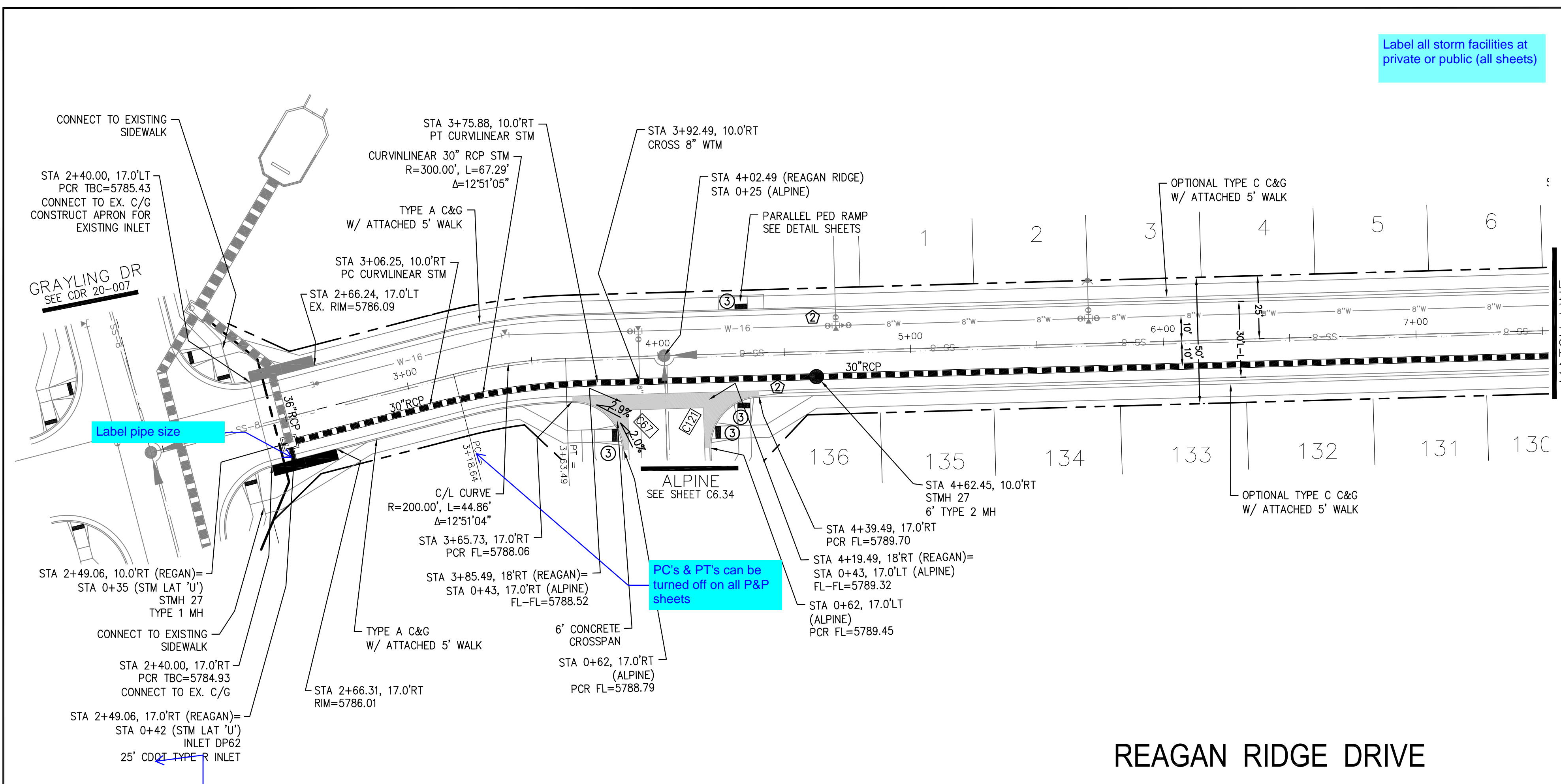
PROJECT NO.  
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SHEET NUMBER  
 C5.1

TOTAL SHEETS: 18

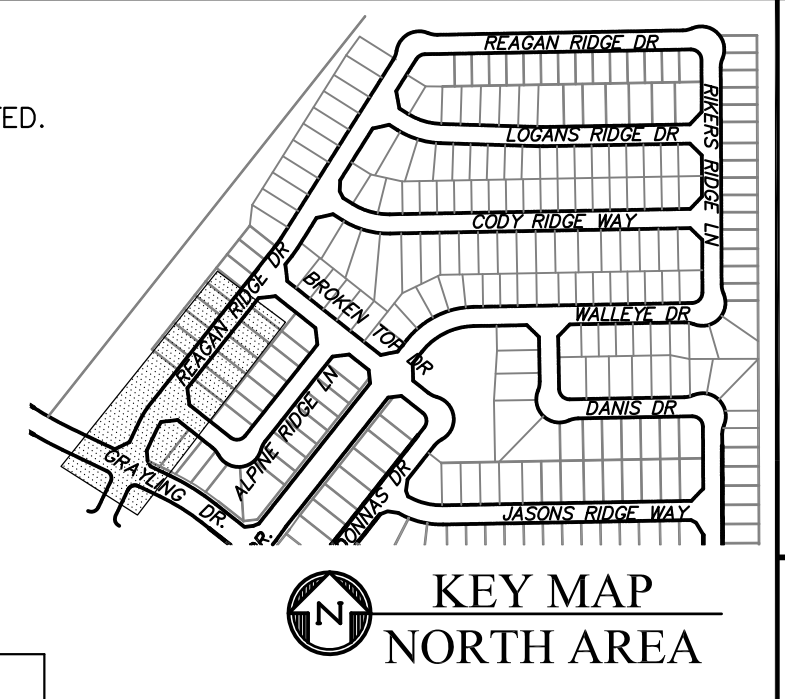






Label all storm facilities at private or public (all sheets)

- 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	LENGTH	RADIUS	DELTA
C67	31.17'	20.00	89°18'00"
C121	31.42'	20.00	90°00'00"

**CORE ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80202  
PHONE: 303.757.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

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

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

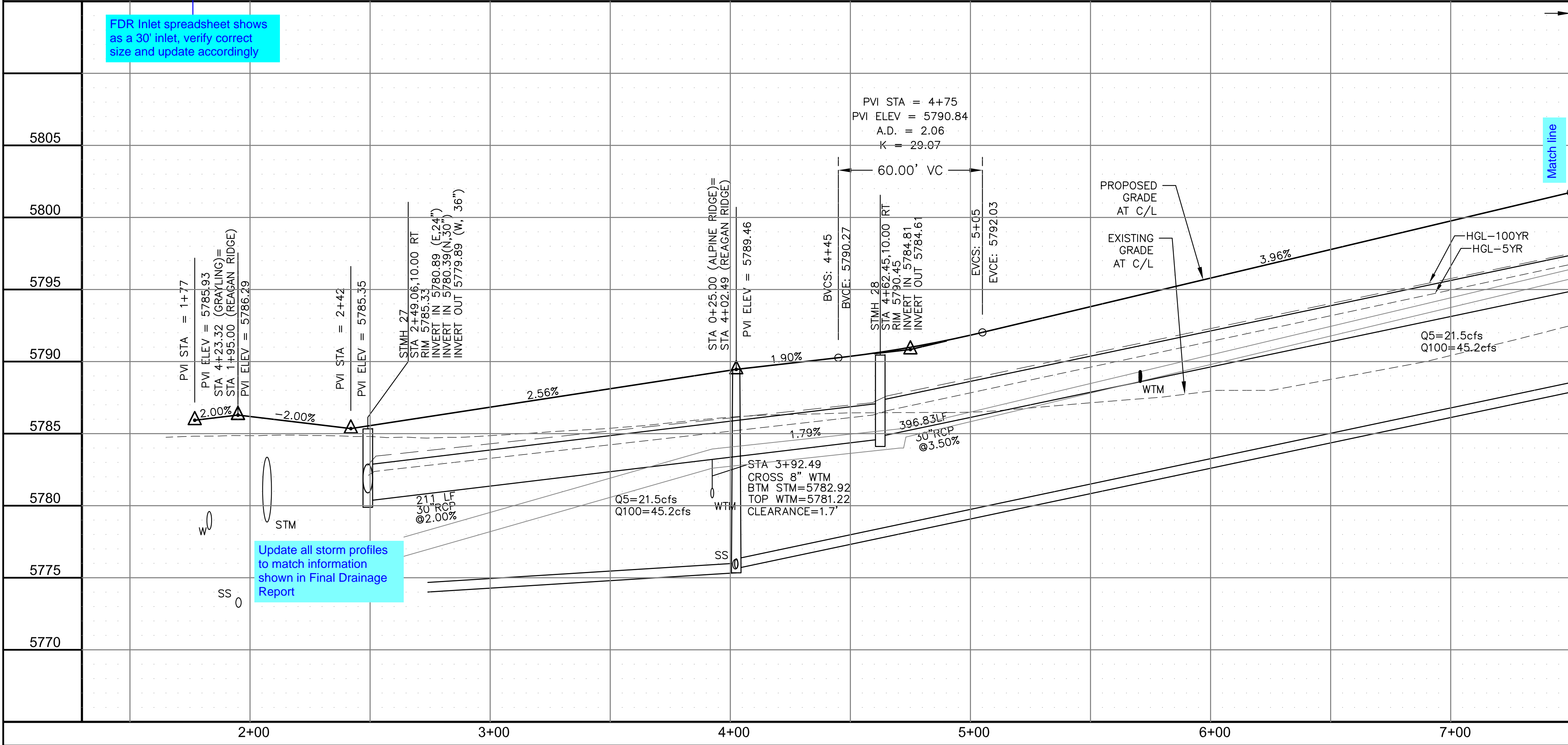
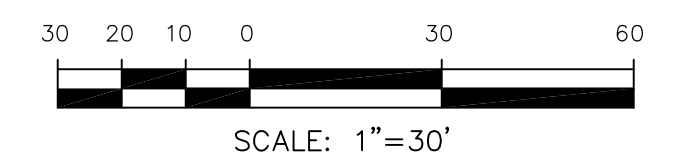
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(719) 635-3200  
CONTACT: JEFF MARK

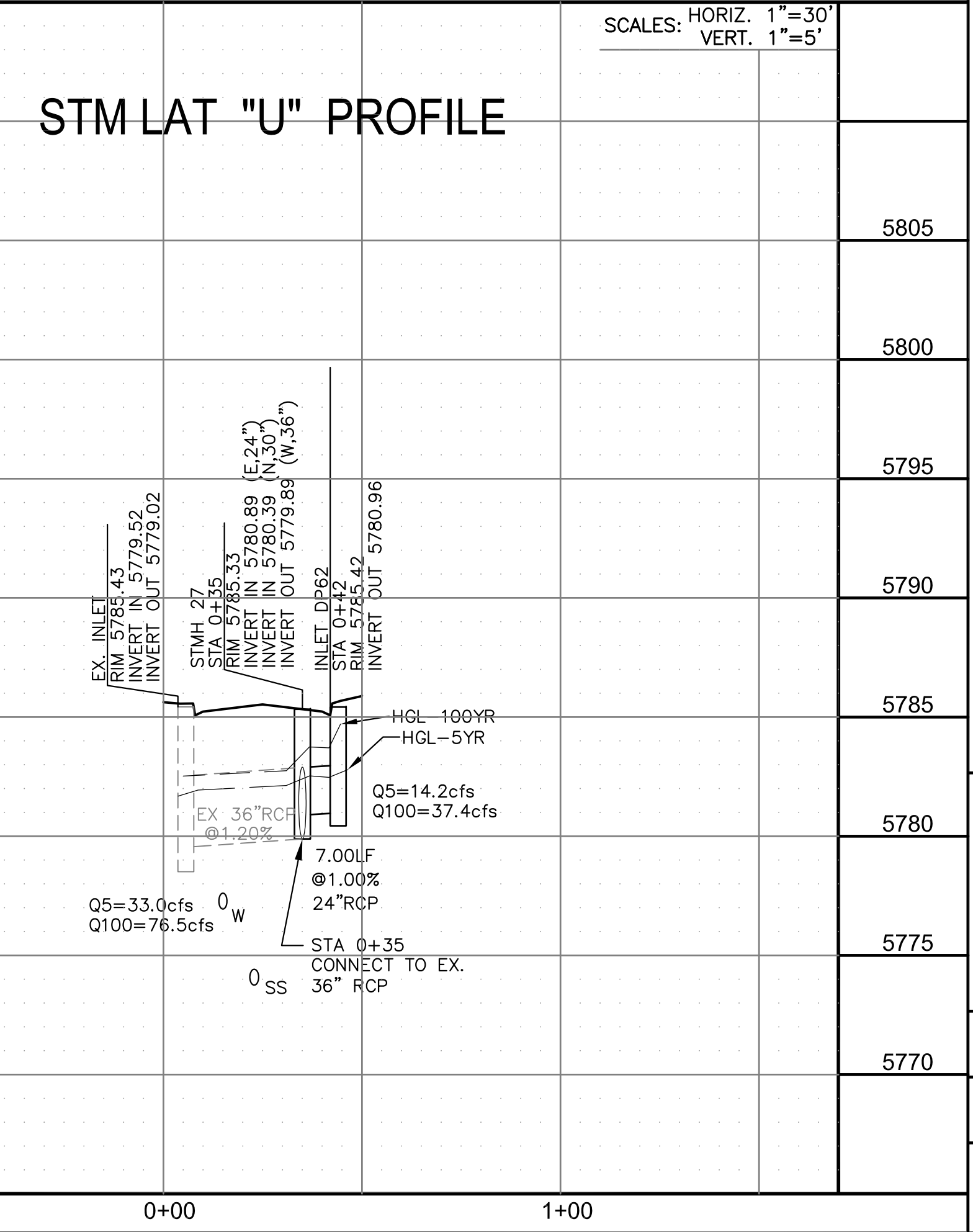
PROJECT: **THE RIDGE AT LORSON RANCH FIL. NO. 3**  
15004 1ST AVENUE S. DENVER, CO  
COLORADO SPRINGS, COLORADO

## REAGAN RIDGE DRIVE



FDR Inlet spreadsheet shows as a 30' inlet, verify correct size and update accordingly

Update all storm profiles to match information shown in Final Drainage Report



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

## STM LAT "U" PROFILE

STREET / STORM - NORTH AREA  
REAGAN RIDGE DRIVE  
STA 1+95 TO 7+50

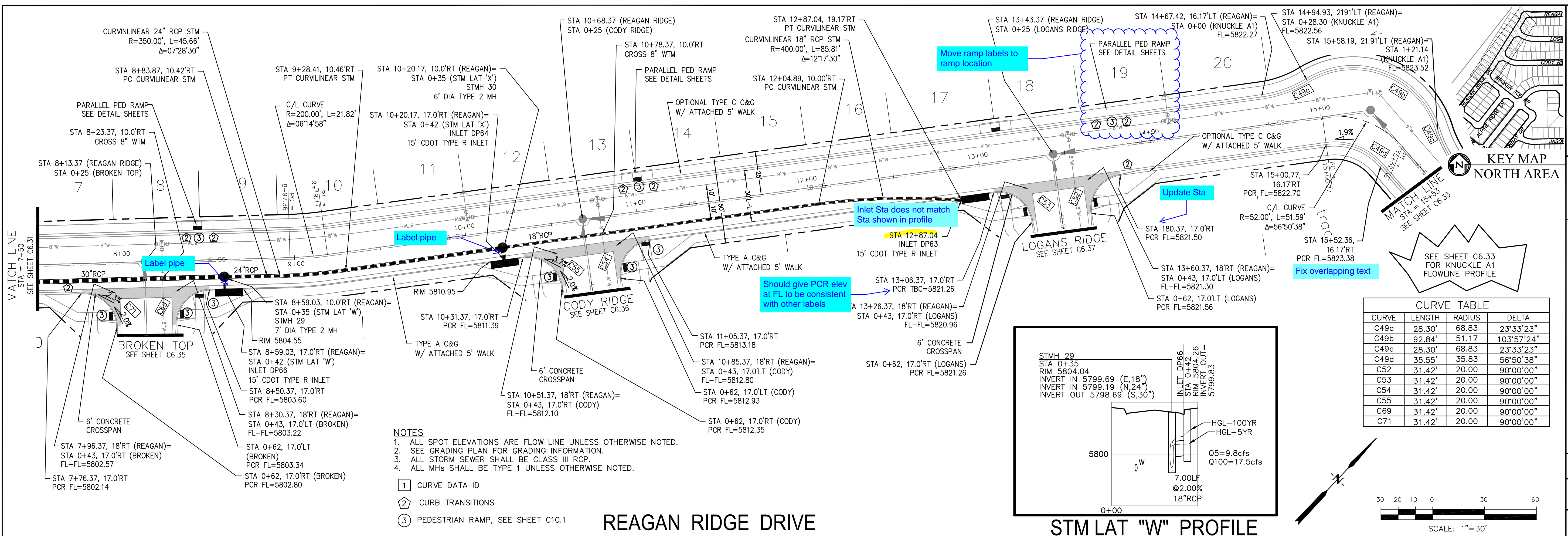
DATE: NOV, 2021

PROJECT NO. 100.068

SHEET NUMBER C6.31

TOTAL SHEETS: 18



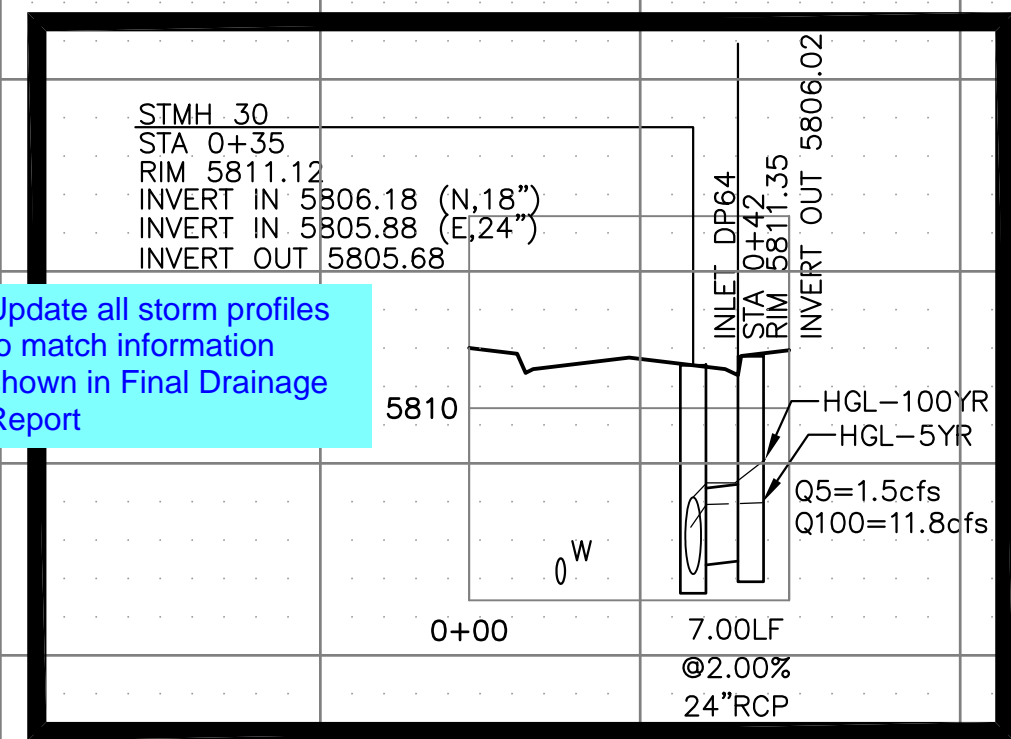
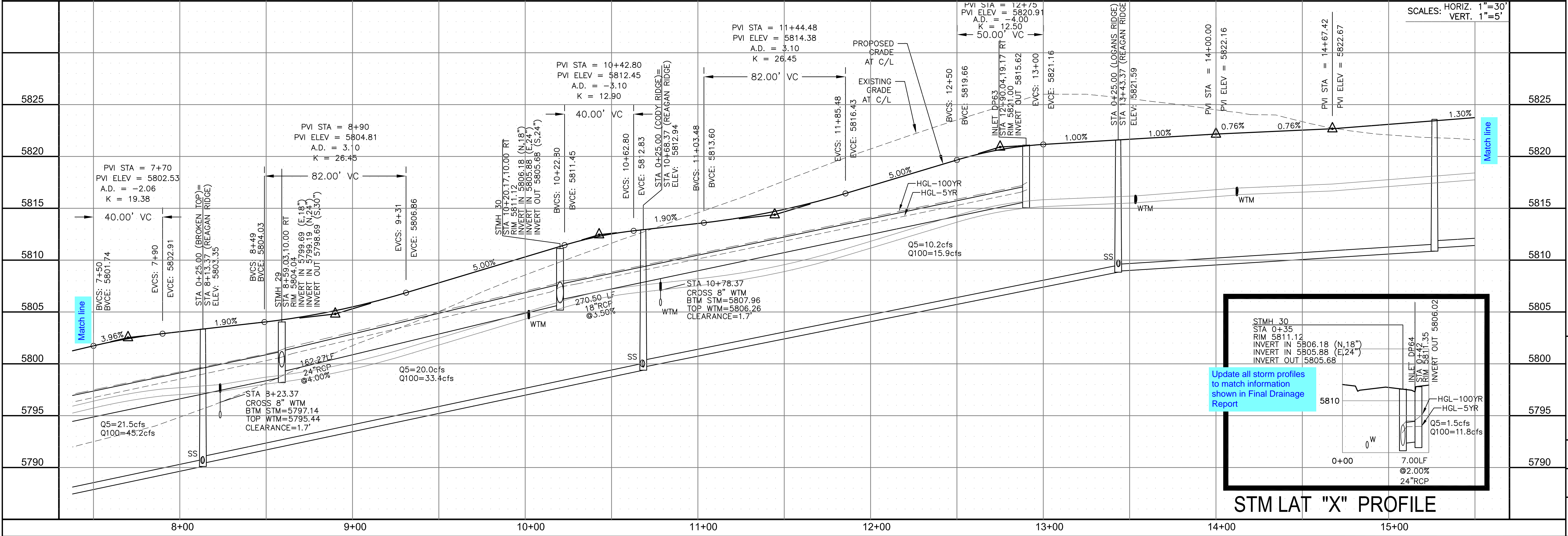
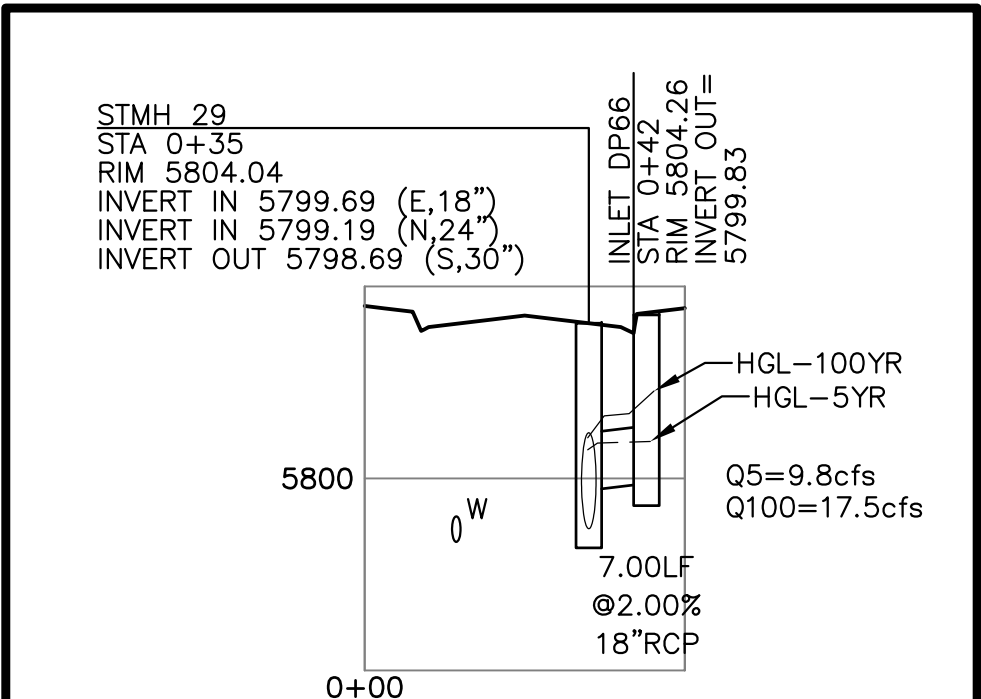


**REAGAN RIDGE DRIVE**

- 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
C49a	28.30'	68.83	23°33'23"
C49b	92.84'	51.17	103°57'24"
C49c	28.30'	68.83	23°33'23"
C49d	35.55'	35.83	56°50'38"
C52	31.42'	20.00	90°00'00"
C53	31.42'	20.00	90°00'00"
C54	31.42'	20.00	90°00'00"
C55	31.42'	20.00	90°00'00"
C69	31.42'	20.00	90°00'00"
C71	31.42'	20.00	90°00'00"



Update all storm profiles to match information shown in Final Drainage Report

**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S., SUITE 301  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

**THE RIDGE AT LORSON**  
 RANCH FIL. NO. 3  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

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

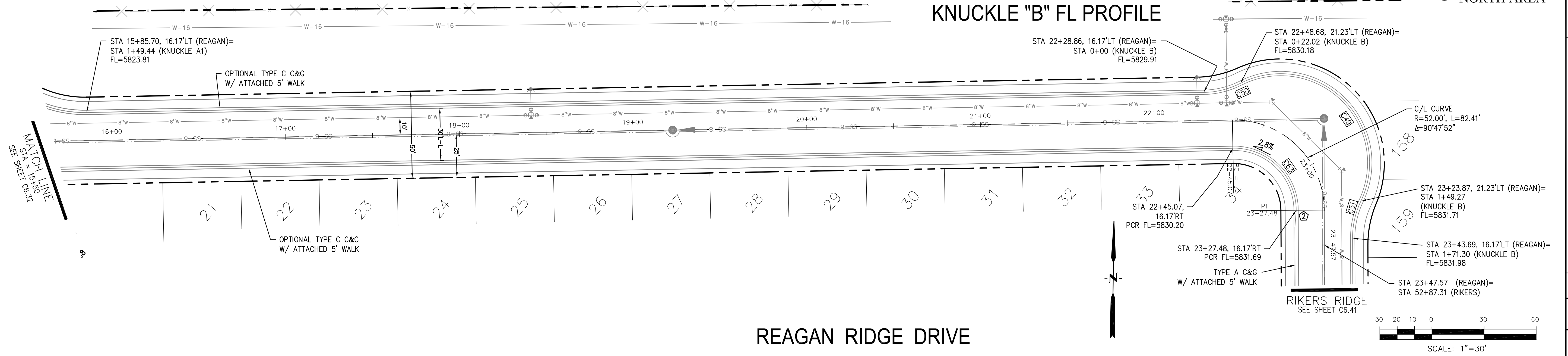
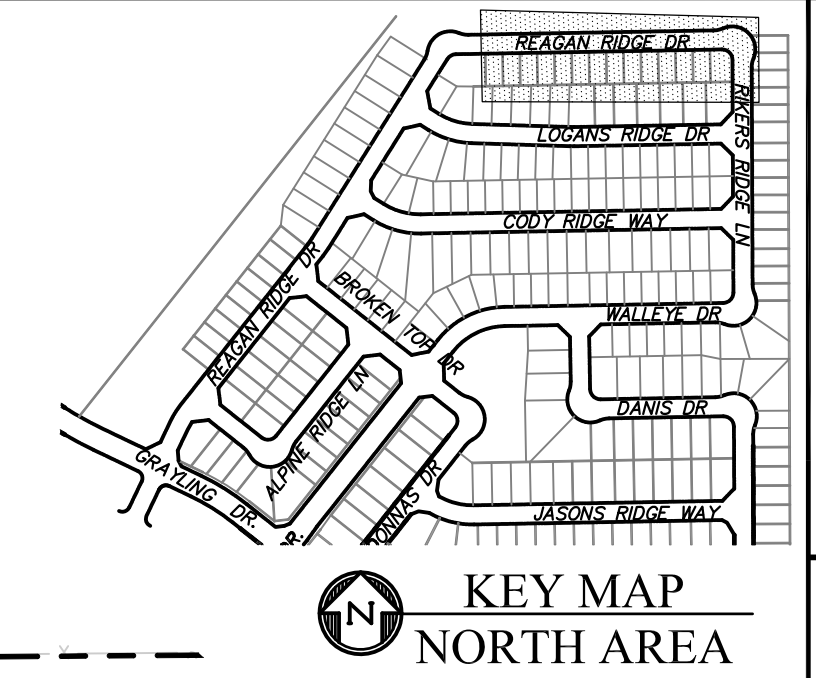
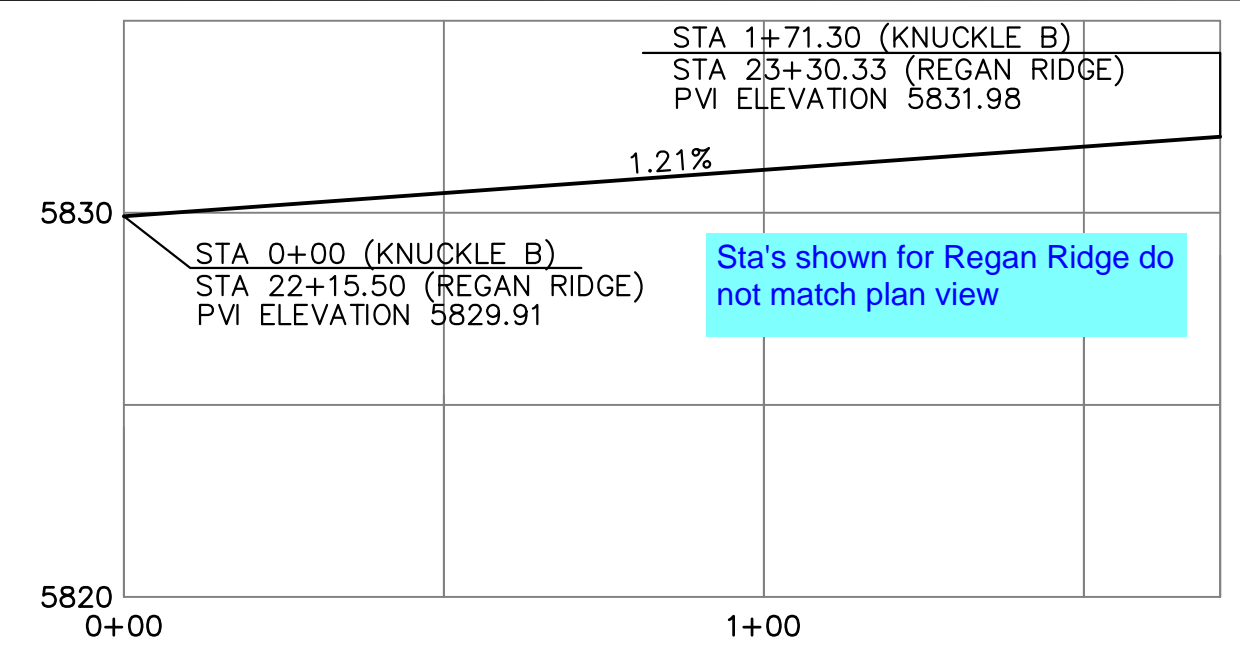
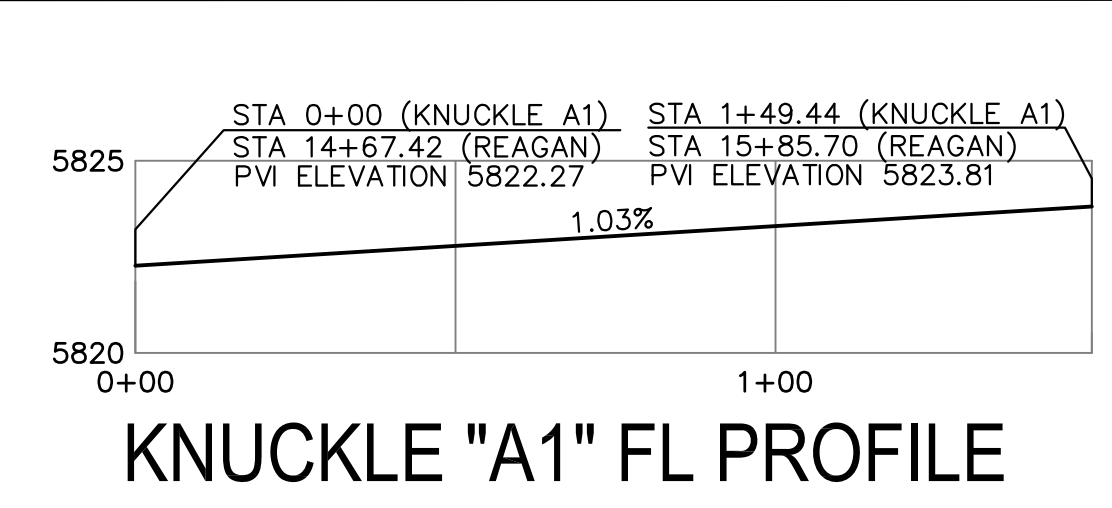
DATE: NOV, 2021  
 PROJECT NO. 100.068  
 SHEET NUMBER C6.32  
 TOTAL SHEETS: 18



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

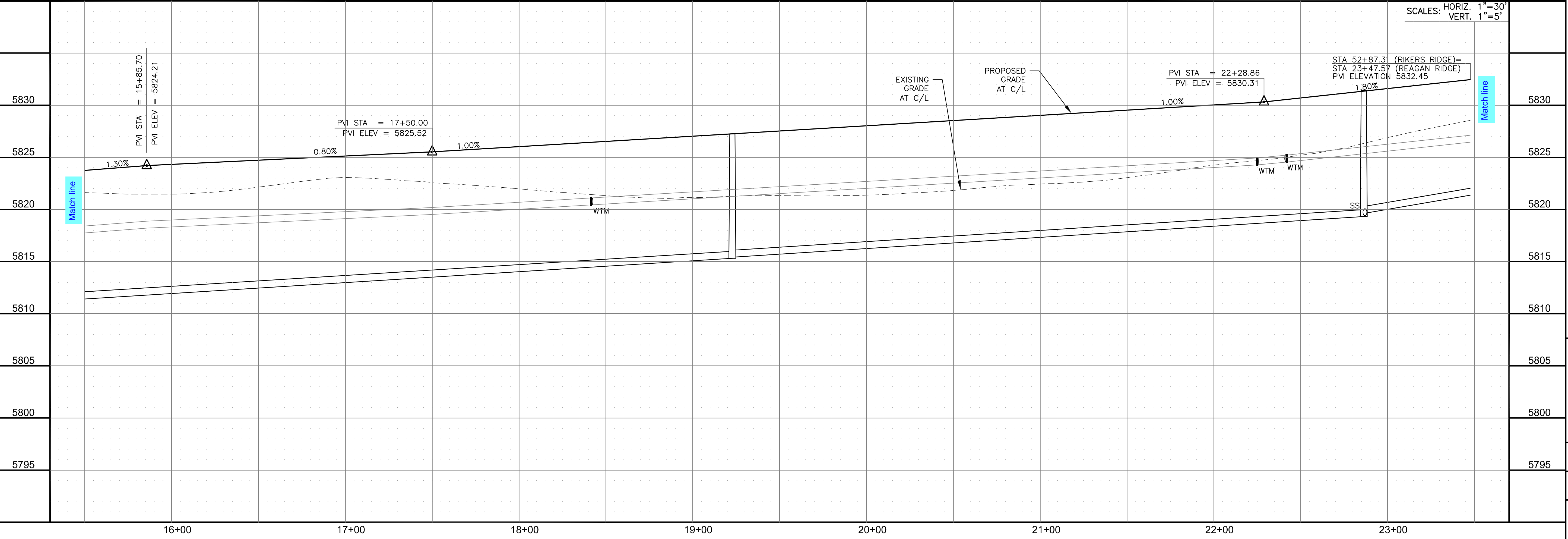
CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C49	127.25'	51.17	142°28'54"
C50	22.02'	48.83	25°50'31"
C51	22.02'	48.83	25°50'31"
C63	56.78'	35.83	90°47'52"



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

DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE., SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 PROJECT: **THE RIDGE AT LORSON RANCH FIL. NO. 3**  
 10000 W. WALLEY DR.  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS



STREET / STORM - NORTH AREA  
 REAGAN RIDGE DRIVE  
 STA 15+50 TO 23+34

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

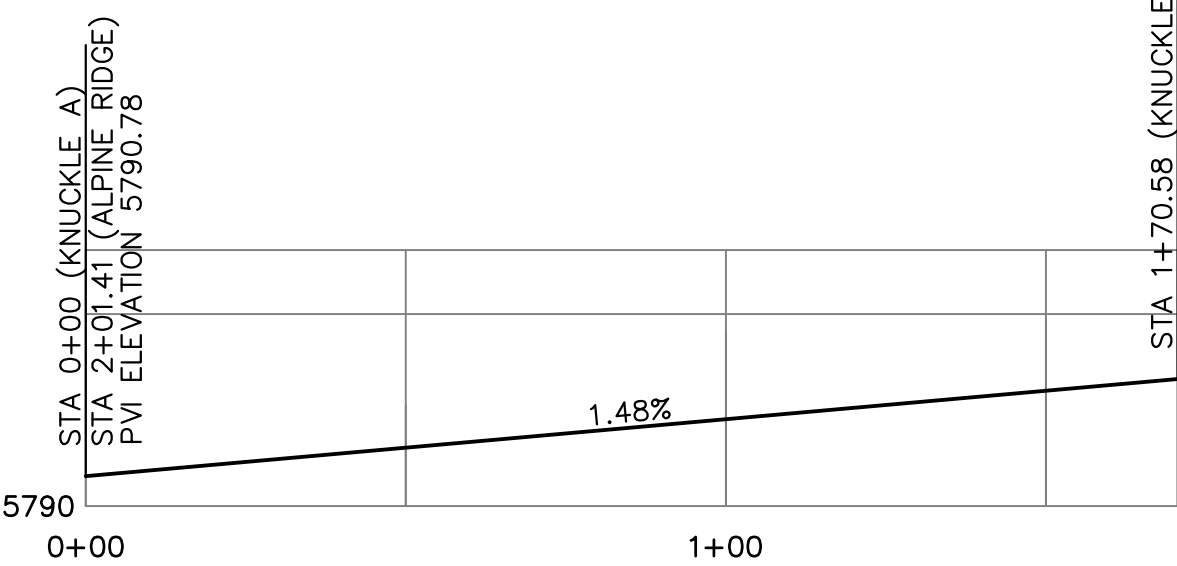
DATE: NOV, 2021  
 PROJECT NO. 100.068  
 SHEET NUMBER C6.33  
 TOTAL SHEETS: 18



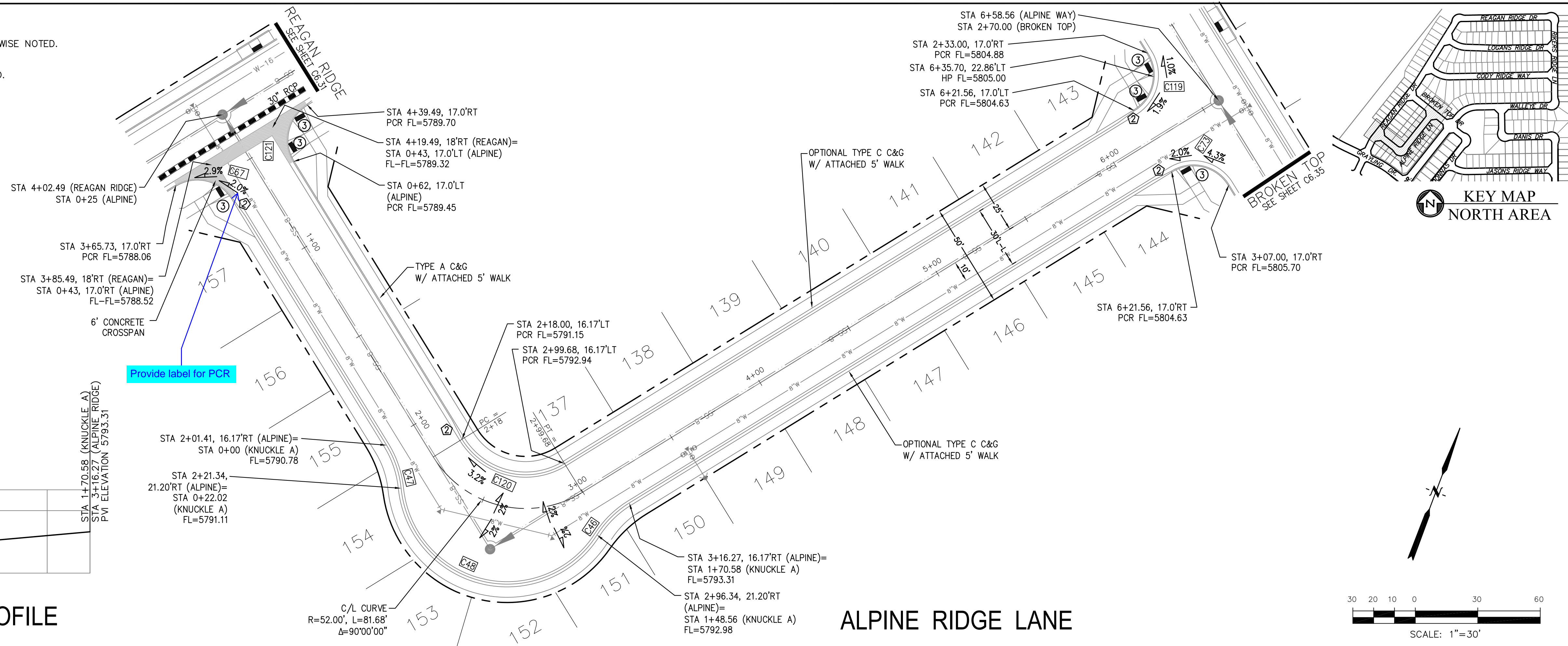
- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

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

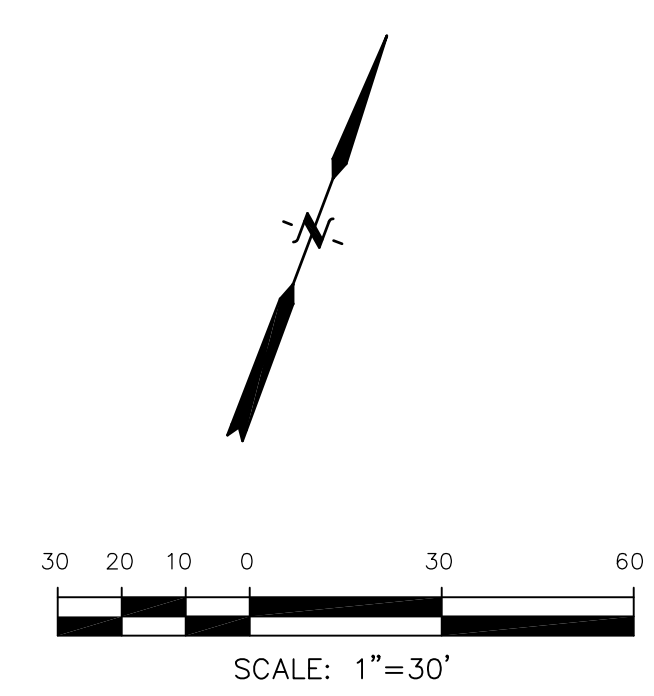
CURVE	LENGTH	RADIUS	DELTA
C46	22.02'	48.83	25°50'31"
C47	22.02'	48.83	25°50'31"
C48	126.54'	51.17	141°41'02"
C67	31.17'	20.00	89°18'00"
C73	31.42'	20.00	90°00'00"
C119	31.42'	20.00	90°00'00"
C120	56.28'	35.83	90°00'00"
C121	31.42'	20.00	90°00'00"



KNUCKLE "A" FL PROFILE



ALPINE RIDGE LANE

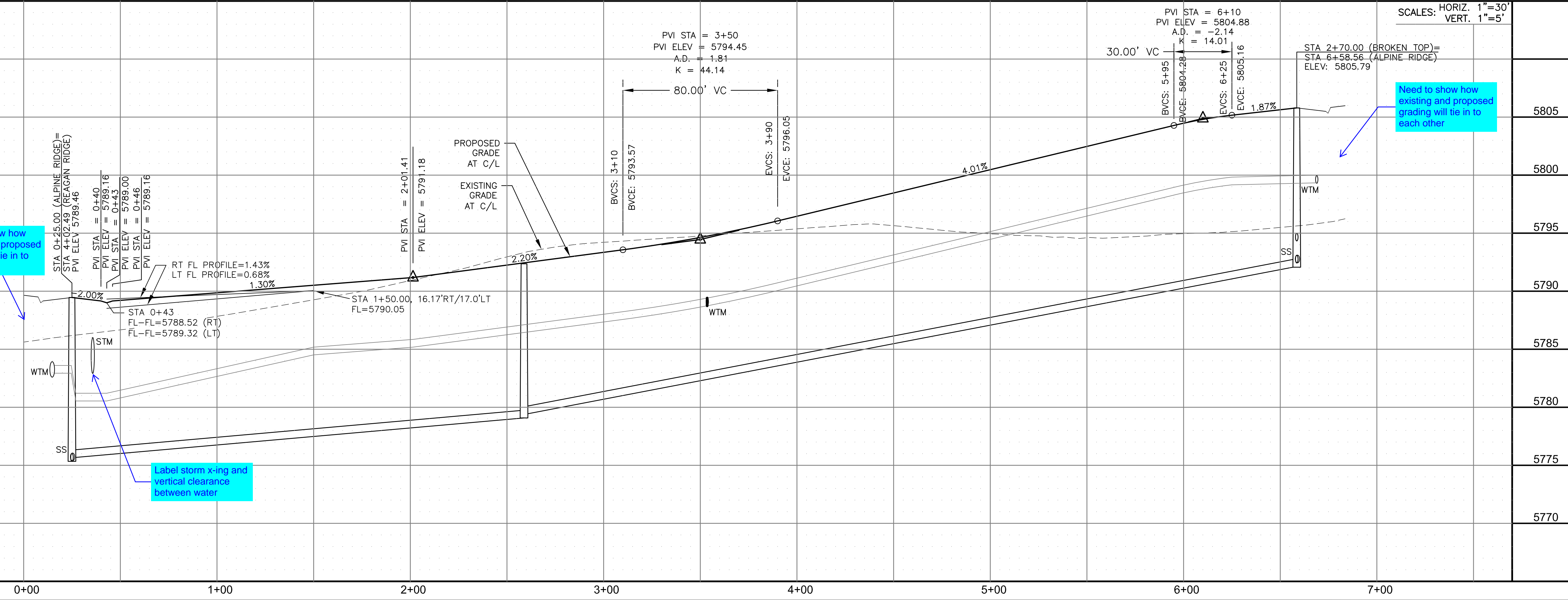


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 790 570 1100  
 COLORADO SPRINGS, CO 80903  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

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

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

STREET / STORM - NORTH AREA  
 ALPINE RIDGE LANE  
 STA 0+00 TO 6+58



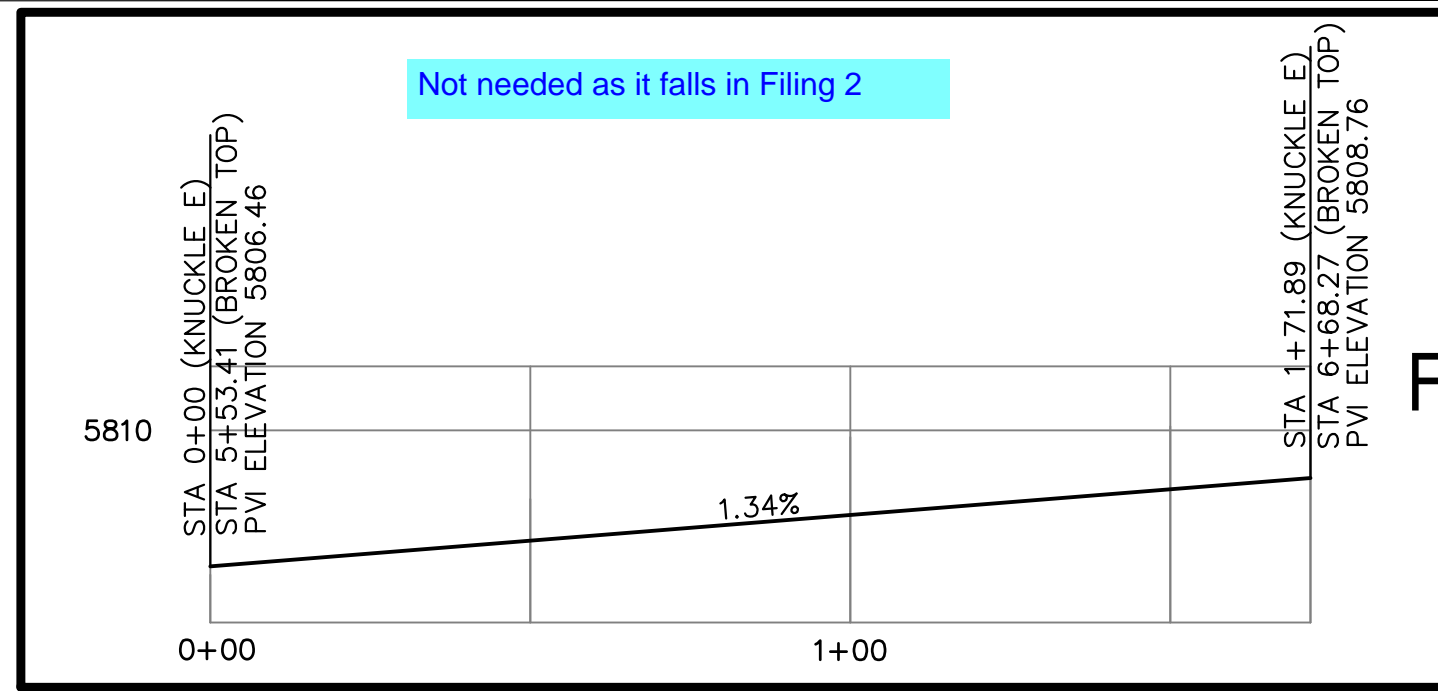
SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'

DATE: NOV, 2021  
 PROJECT NO. 100.068  
 SHEET NUMBER C6.34  
 TOTAL SHEETS: 18



- 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.

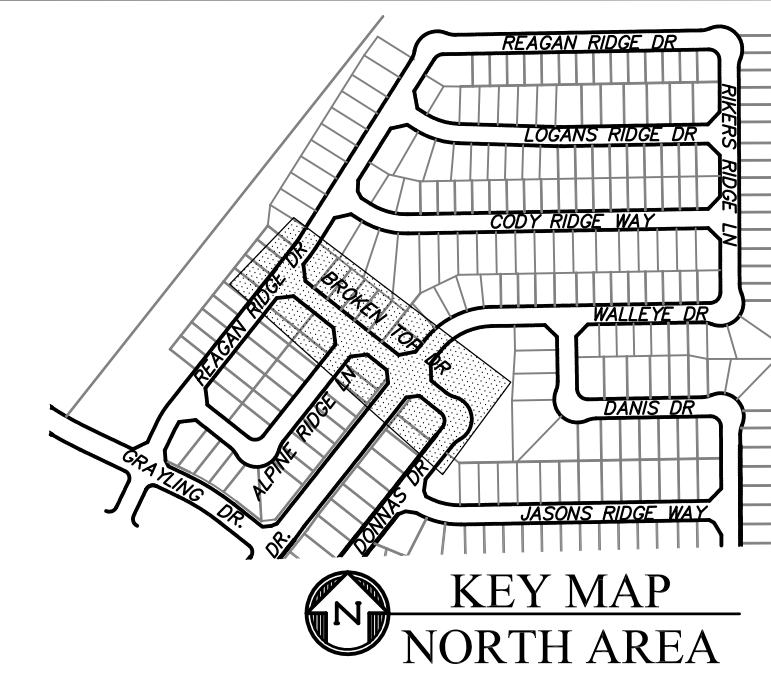
- ① CURVE DATA ID
- ② CURB TRANSITIONS
- ③ PEDESTRIAN RAMP, SEE SHEET C10.1



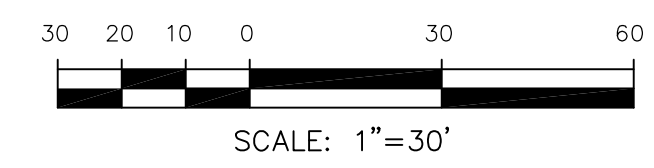
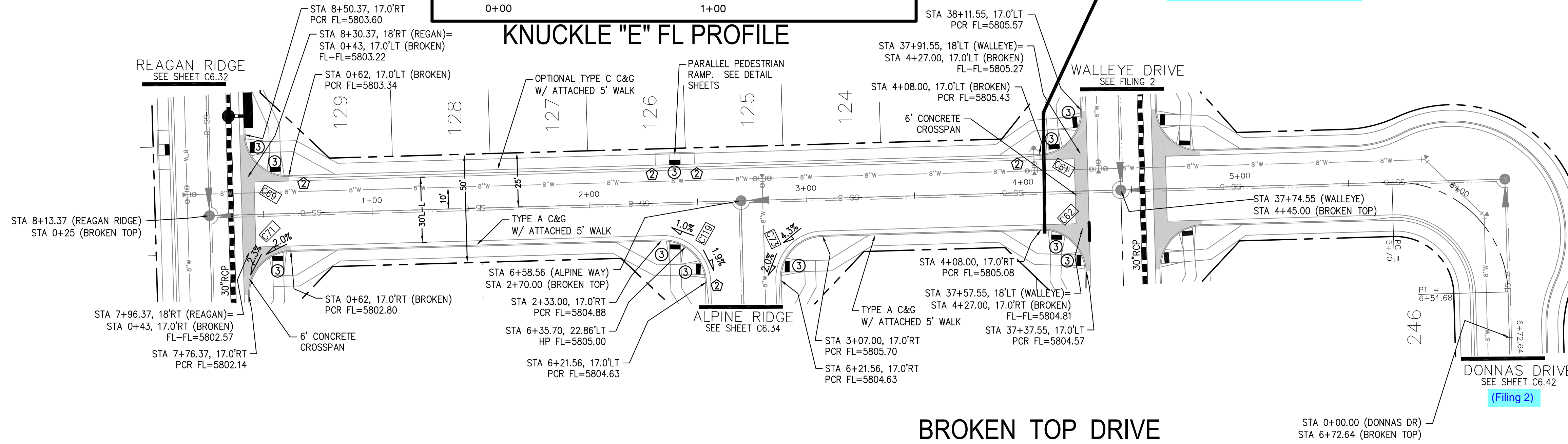
FILING NO. 3 ← → FILING NO. 2

This sheet needs to be included in Filing 2 plan set for portion of road within that Filing.

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C61	31.42'	20.00	90°00'00"
C62	31.42'	20.00	90°00'00"
C69	31.42'	20.00	90°00'00"
C71	31.42'	20.00	90°00'00"
C73	31.42'	20.00	90°00'00"
C119	31.42'	20.00	90°00'00"



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



DATE: \_\_\_\_\_  
 DESCRIPTION: \_\_\_\_\_  
 NO: \_\_\_\_\_  
 PREPARED FOR: **LORSON, LLC**  
 212 N. WAHSATCH AVE, SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 PROJECT: **THE RIDGE AT LORSON RANCH FIL. NO. 3**  
 15004 1ST AVENUE S, SUITE 300  
 BIRMGHAM, AL 35206  
 COLORADO SPRINGS, COLORADO  
 CONTACT: JEFF MARK

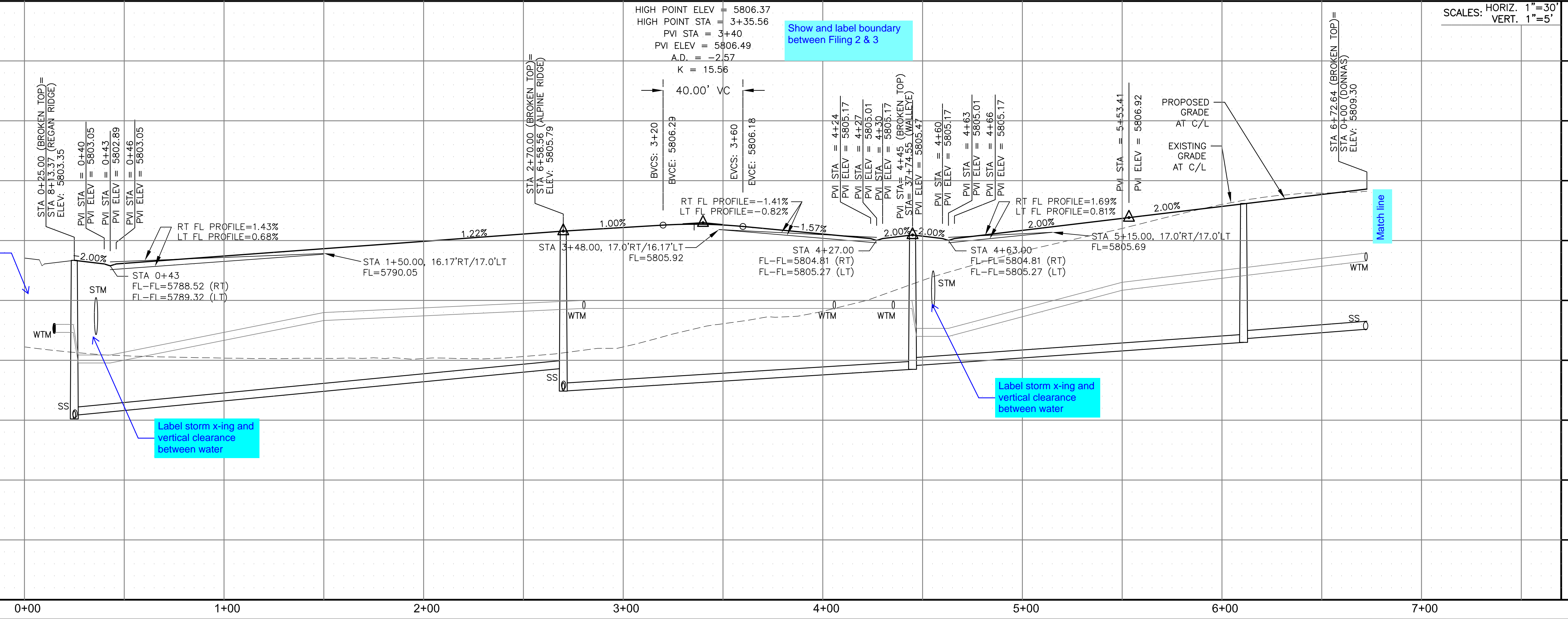
DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

Need to show how existing and proposed grading will tie in to each other

Label storm x-ing and vertical clearance between water

Label storm x-ing and vertical clearance between water

Show and label boundary between Filing 2 & 3



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

STREET / STORM - NORTH AREA  
 BROKEN TOP DRIVE  
 STA 0+00 TO 6+72

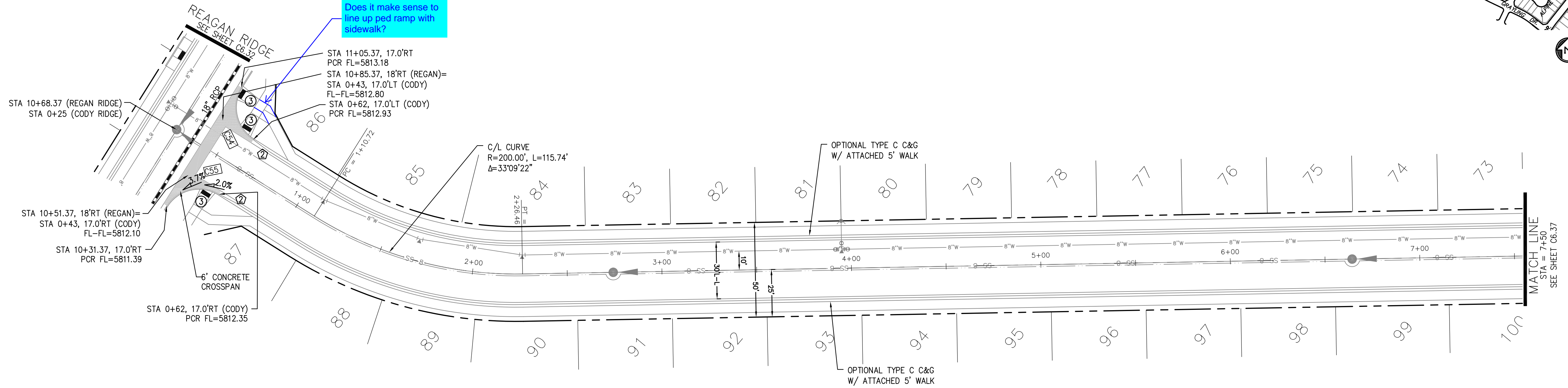
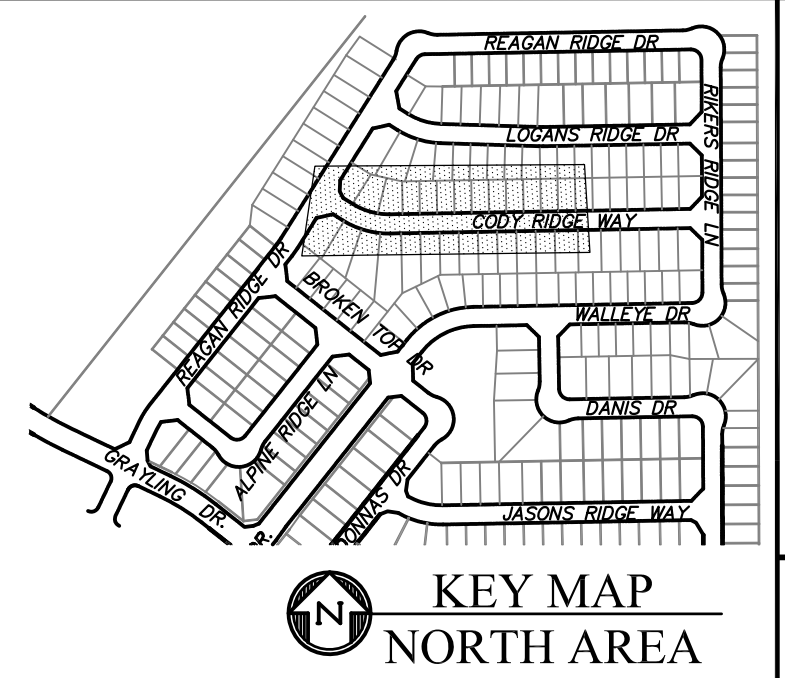
DATE: NOV, 2021  
 PROJECT NO. 100.068  
 SHEET NUMBER C6.35  
 TOTAL SHEETS: 18



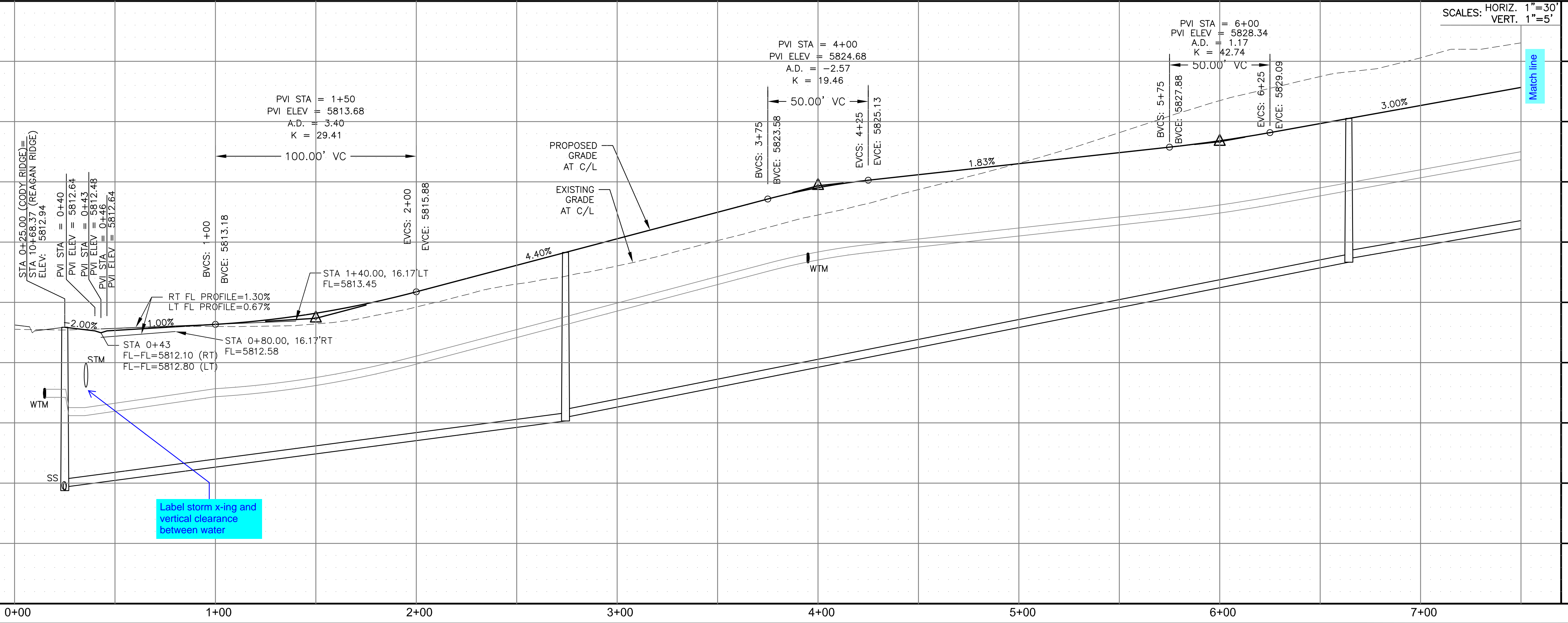
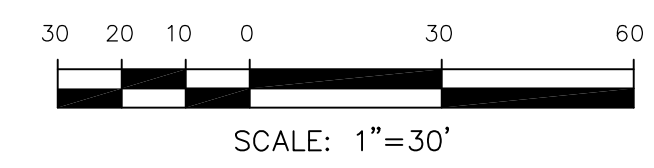
- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

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

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C54	31.42'	20.00	90°00'00"
C55	31.42'	20.00	90°00'00"



CODY RIDGE WAY



Label storm x-ing and vertical clearance between water

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

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

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

PROJECT:  
**THE RIDGE AT LORSON**  
 RANCH FIL. NO. 3  
 10000 W. WALLEYE DR.  
 COLORADO SPRINGS, COLORADO

STREET / STORM - NORTH AREA  
 CODY RIDGE WAY  
 STA 0+00 TO 7+50

DATE:  
 NOV, 2021

PROJECT NO.  
 100.068

SHEET NUMBER  
 C6.36

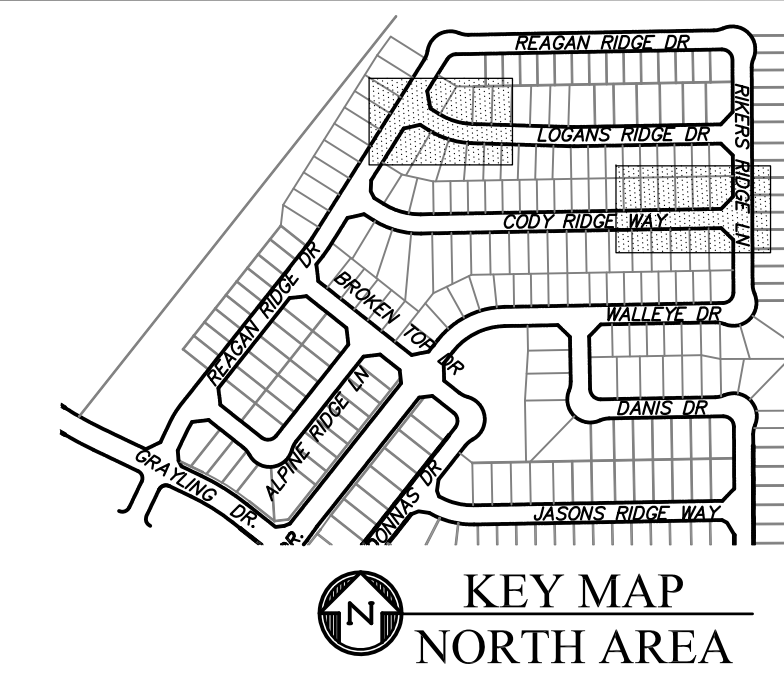
TOTAL SHEETS: 18



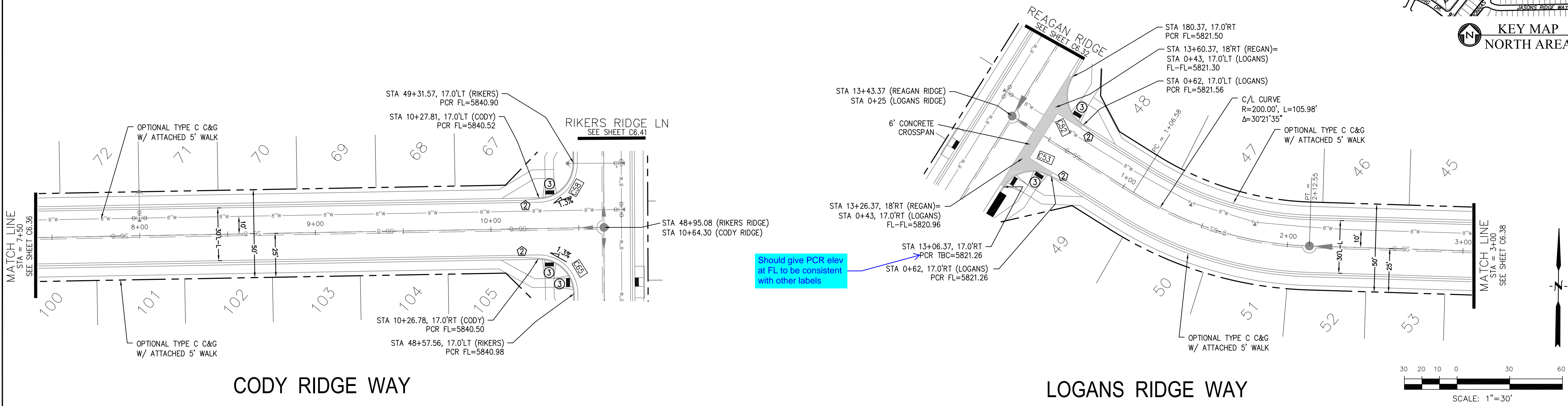
- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

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

CURVE	LENGTH	RADIUS	DELTA
C52	31.42'	20.00	90°00'00"
C53	31.42'	20.00	90°00'00"
C58	31.14'	20.00	89°12'08"
C65	31.69'	20.00	90°47'52"

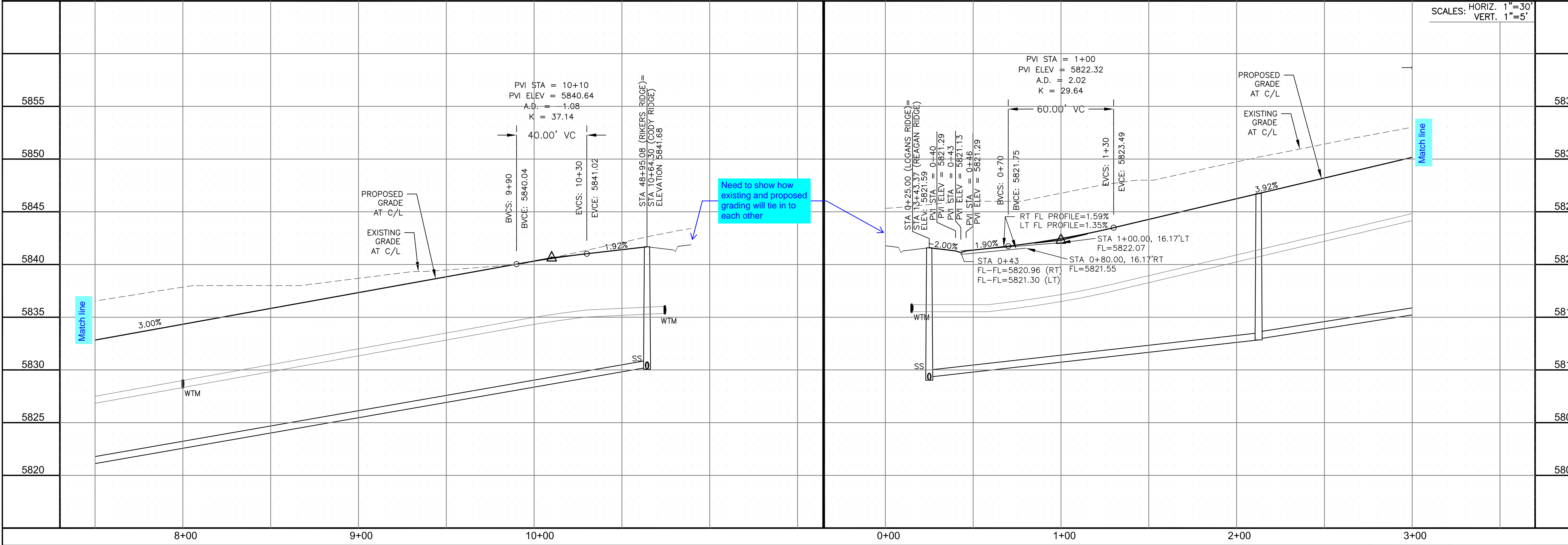


**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BURNING WOOD, CO 80903  
 PH: 719.570.1100  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com



Should give PCR elev at FL to be consistent with other labels

Need to show how existing and proposed grading will tie in to each other



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 RIDGE AT LORSON**  
 RANCH FIL. NO. 3  
 101 W. WALLEN DR.  
 COLORADO SPRINGS, COLORADO

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

DATE: NOV, 2021  
 PROJECT NO. 100.068  
 SHEET NUMBER C6.37  
 TOTAL SHEETS: 18

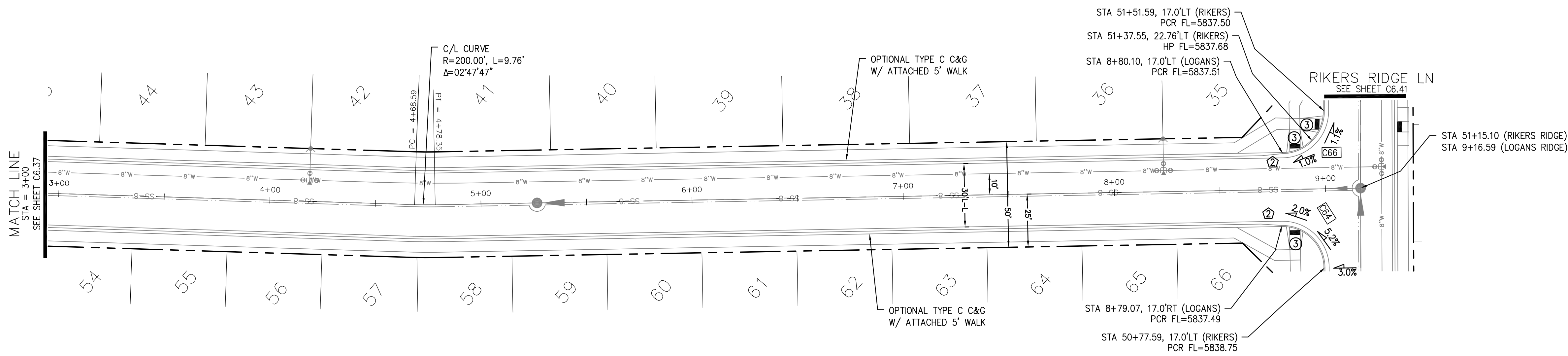


**NOTES**

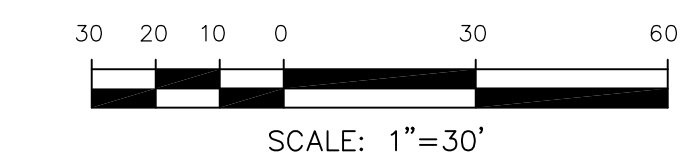
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
2. SEE GRADING PLAN FOR GRADING INFORMATION.
3. ALL STORM SEWER SHALL BE CLASS III RCP.
4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

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

CURVE	LENGTH	RADIUS	DELTA
C64	31.69'	20.00	90°47'52"
C66	31.14'	20.00	89°12'08"



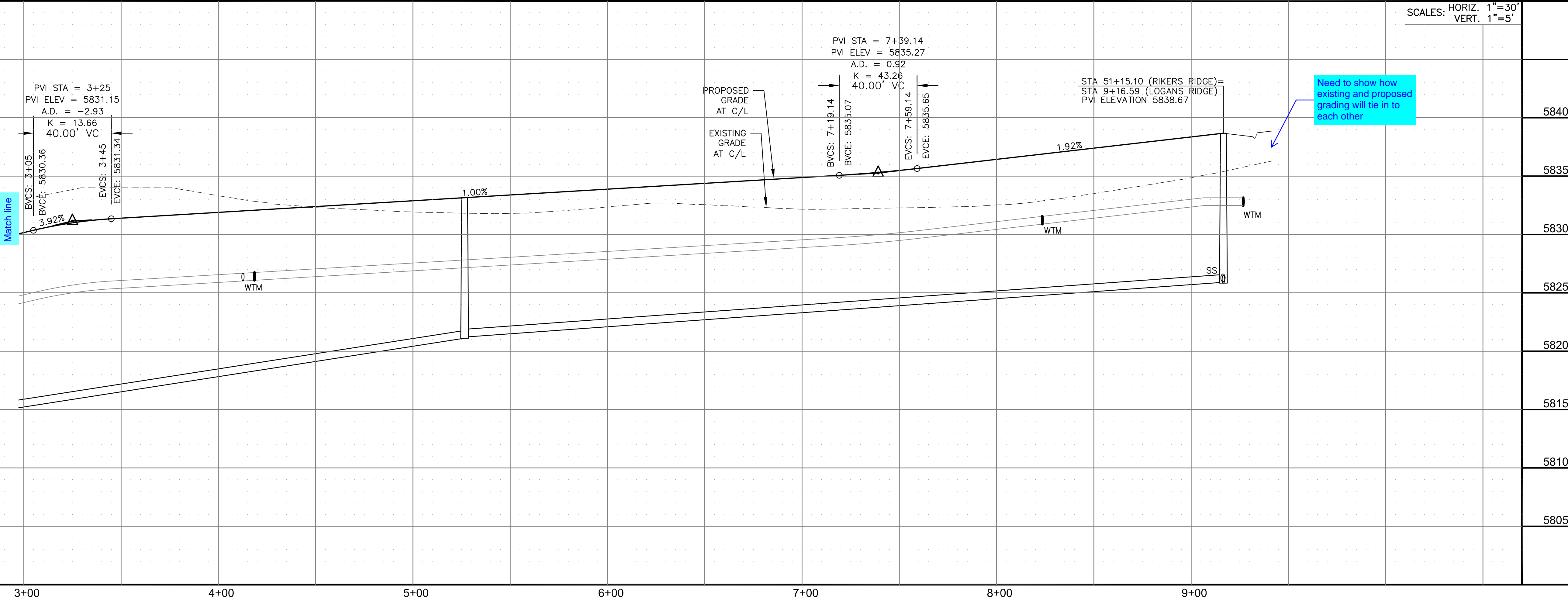
**LOGANS RIDGE WAY**



**CORE**  
**ENGINEERING GROUP**  
15004 1ST AVENUE S.  
DENVER, CO 80202  
PHONE: 719.570.1100  
CONTACT: RICHARD L. SCHINDLER, P.E.  
EMAIL: Rich@cegi.com

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

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS



**STREET / STORM - NORTH AREA**  
**LOGANS RIDGE WAY**  
**STA 3+00 TO 9+16**

DATE: NOV, 2021

PROJECT NO. 100.068

SHEET NUMBER C6.38

TOTAL SHEETS: 18

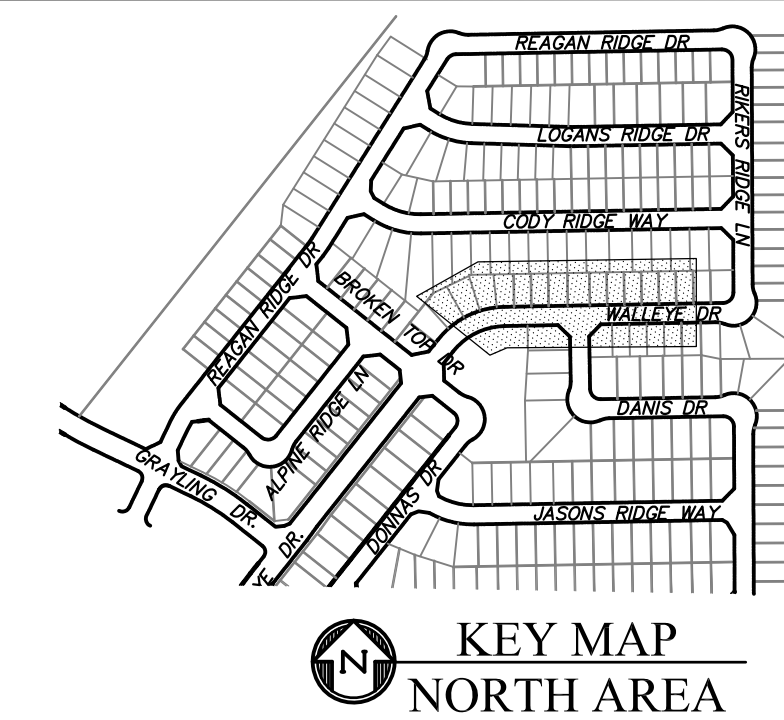


- NOTES
1. ALL SPOT ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE NOTED.
  2. SEE GRADING PLAN FOR GRADING INFORMATION.
  3. ALL STORM SEWER SHALL BE CLASS III RCP.
  4. ALL MHS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.

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

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C56	31.42'	20.00	90°00'00"
C60	31.42'	20.00	90°00'00"

Table not needed as all curves are within Filing 2



**CORE ENGINEERING GROUP**  
 15004 1ST AVENUE S.  
 BLDG 100, SUITE 55506  
 BIRMGHAM, AL 35206  
 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

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

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

PROJECT:  
**THE RIDGE AT LORSON RANCH FIL. NO. 3**  
 WALLEYE DR  
 COLORADO SPRINGS, COLORADO

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

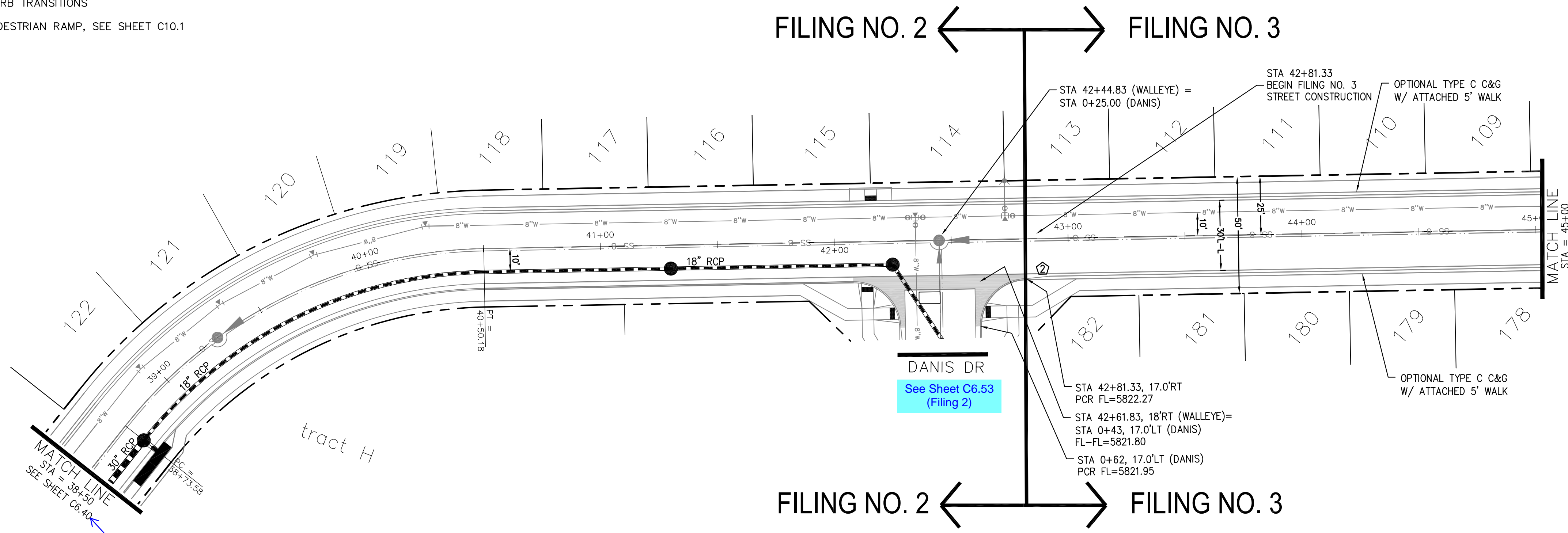
STREET / STORM - NORTH AREA  
 WALLEYE DRIVE  
 STA 42+81.33 TO 45+00

DATE:  
 NOV, 2021

PROJECT NO.  
 100.068

SHEET NUMBER  
 C6.40

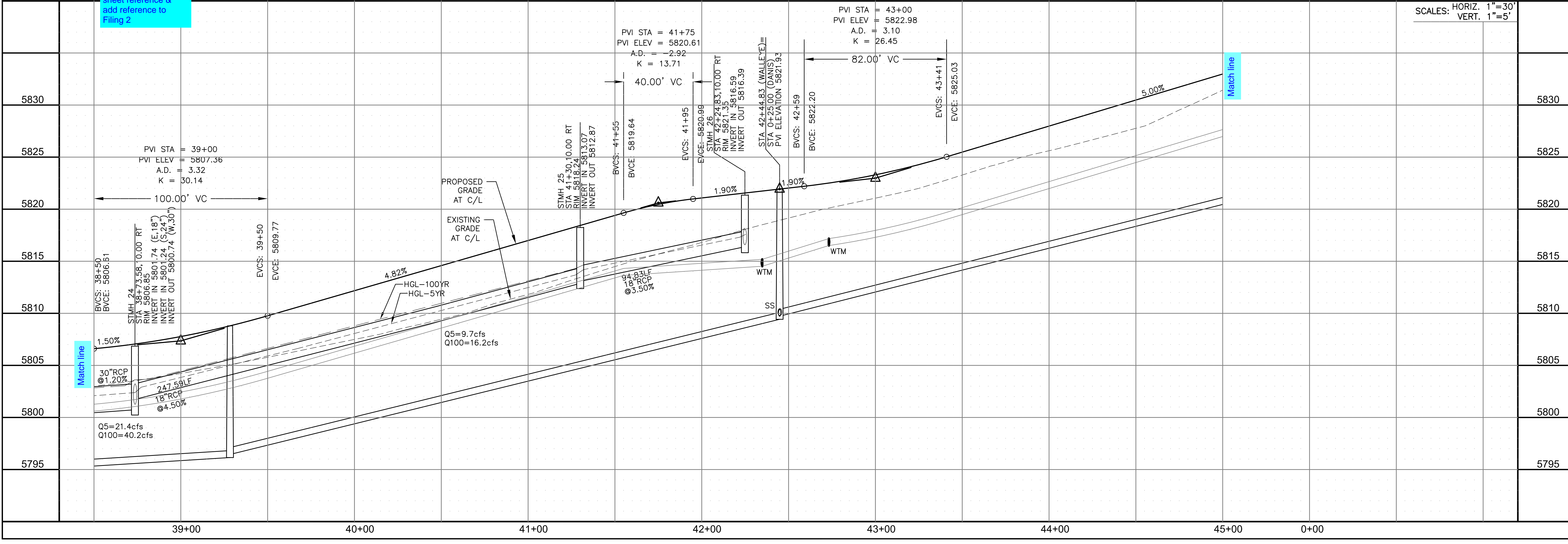
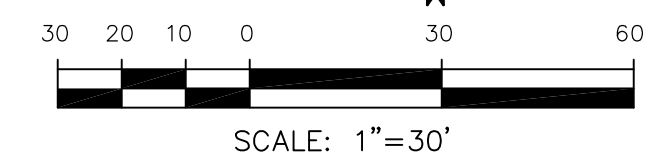
TOTAL SHEETS: 18



Remove reference to Filing 3

See Sheet C6.53 (Filing 2)

This is sheet C6.40. Update to correct sheet reference & add reference to Filing 2

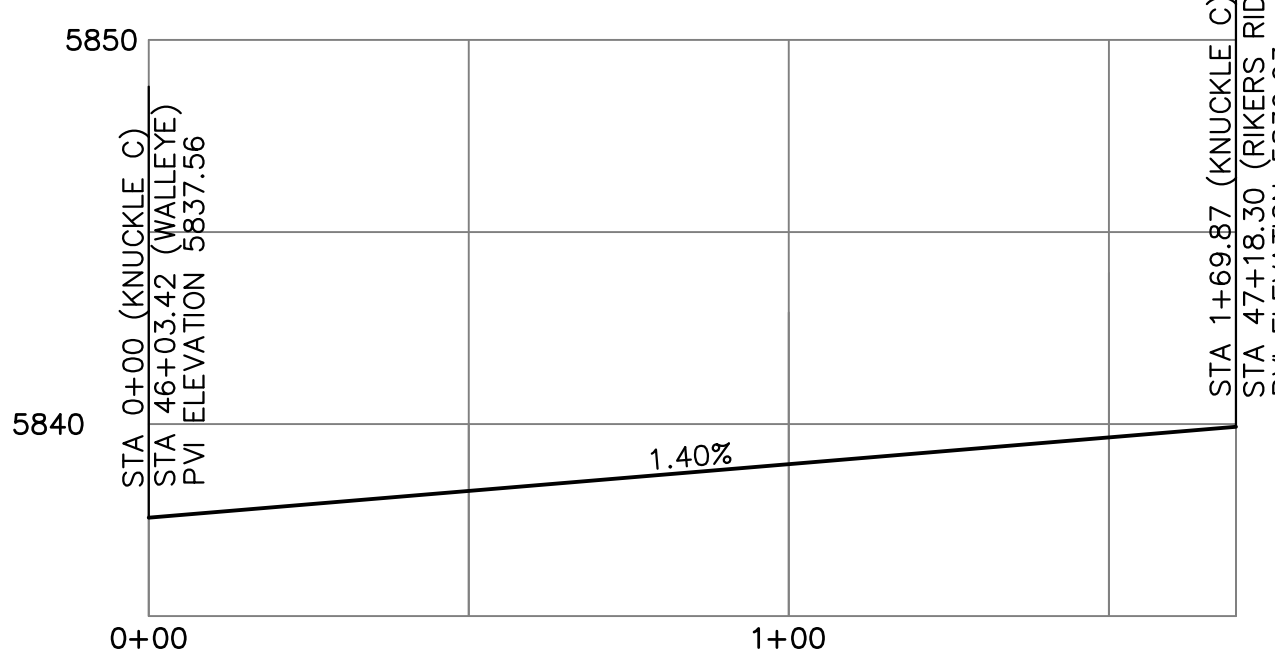
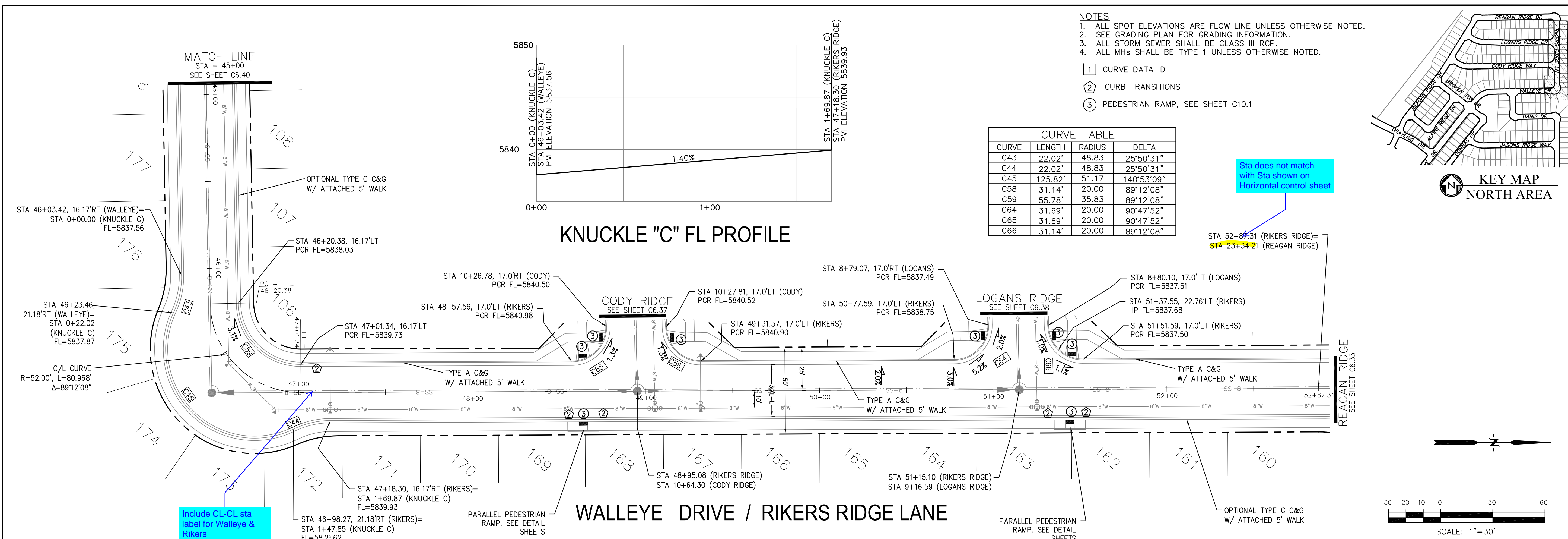


SCALES: HORIZ. 1"=30'  
 VERT. 1"=5'

Match line

Match line



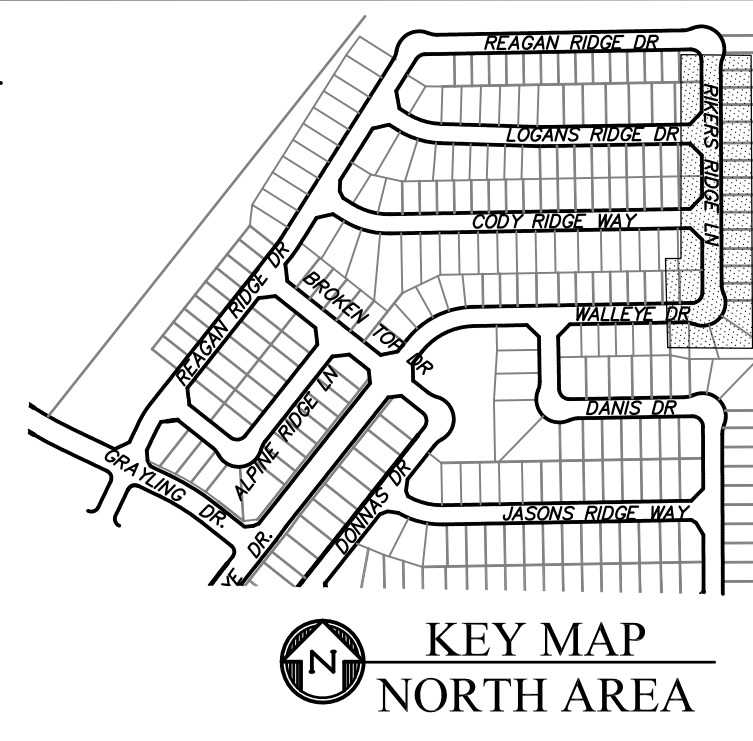


**CURVE TABLE**

CURVE	LENGTH	RADIUS	DELTA
C43	22.02'	48.83	25°50'31"
C44	22.02'	48.83	25°50'31"
C45	125.82'	51.17	140°53'09"
C58	31.14'	20.00	89°12'08"
C59	55.78'	35.83	89°12'08"
C64	31.69'	20.00	90°47'52"
C65	31.69'	20.00	90°47'52"
C66	31.14'	20.00	89°12'08"

- 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

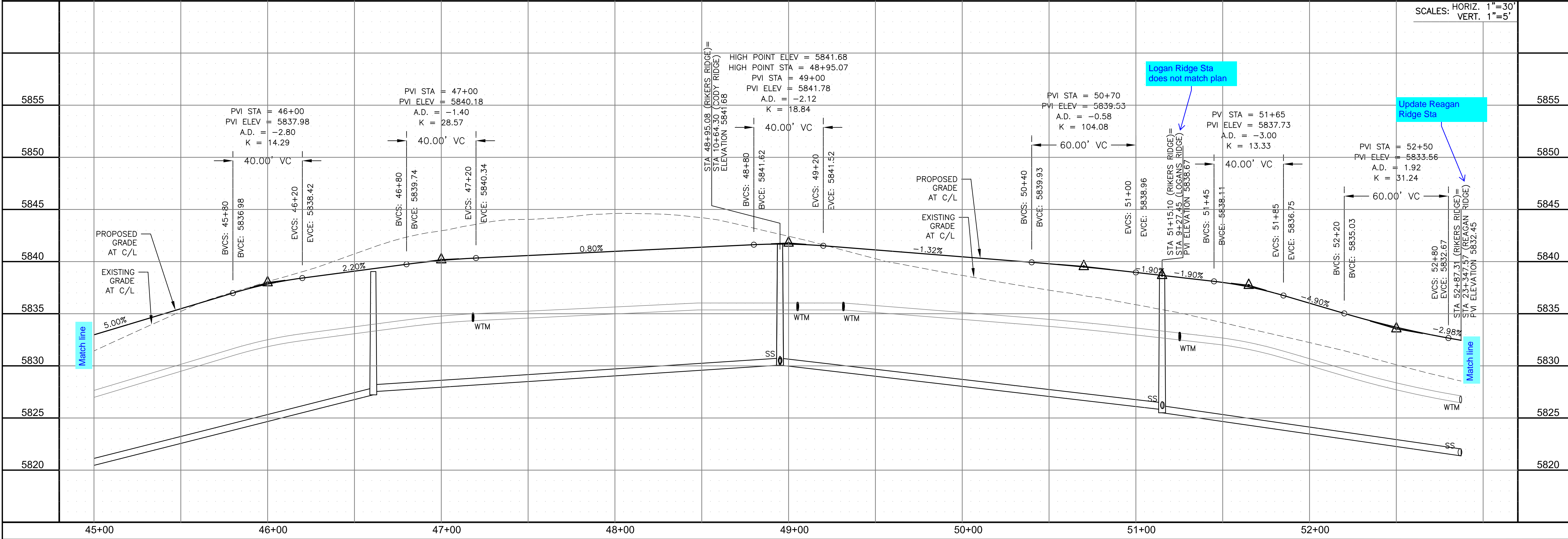


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 CONTACT: RICHARD L. SCHINDLER, P.E.  
 EMAIL: Rich@cegi.com

**THE RIDGE AT LORSON**  
 RANCH FIL. NO. 3  
 212 N. WAHSATCH AVE. SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 (719) 635-3200  
 CONTACT: JEFF MARK

PROJECT: THE RIDGE AT LORSON  
 PREPARED FOR: LORSON, LLC

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

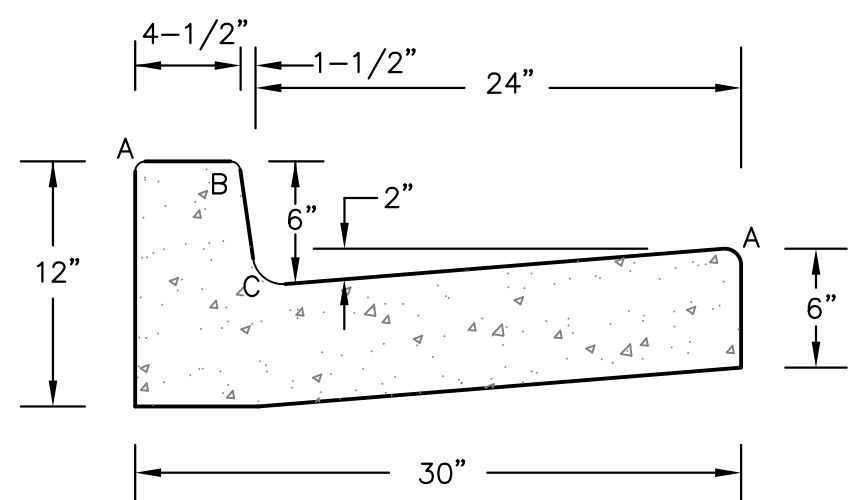


**STREET / STORM - NORTH AREA**  
**WALLEYE DRIVE / RIKERS RIDGE LANE**  
 STA 45+00 TO 52+87

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

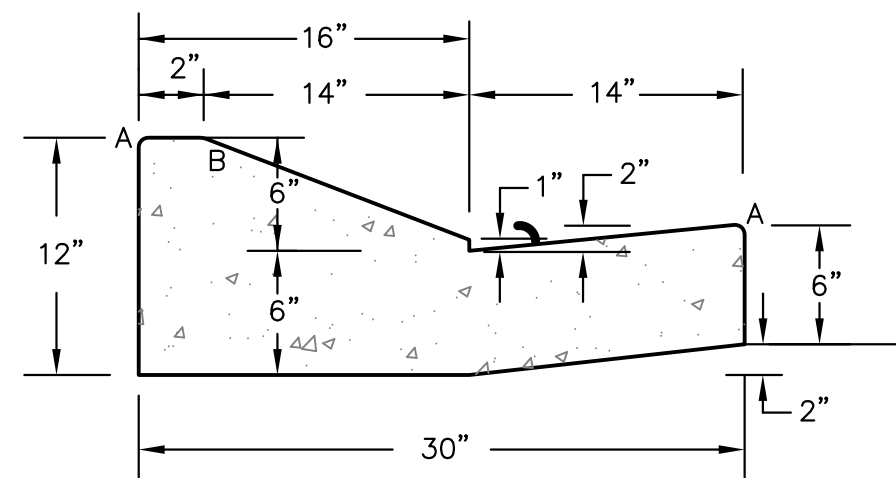
DATE: NOV, 2021  
 PROJECT NO. 100.068  
 SHEET NUMBER C6.41  
 TOTAL SHEETS: 18





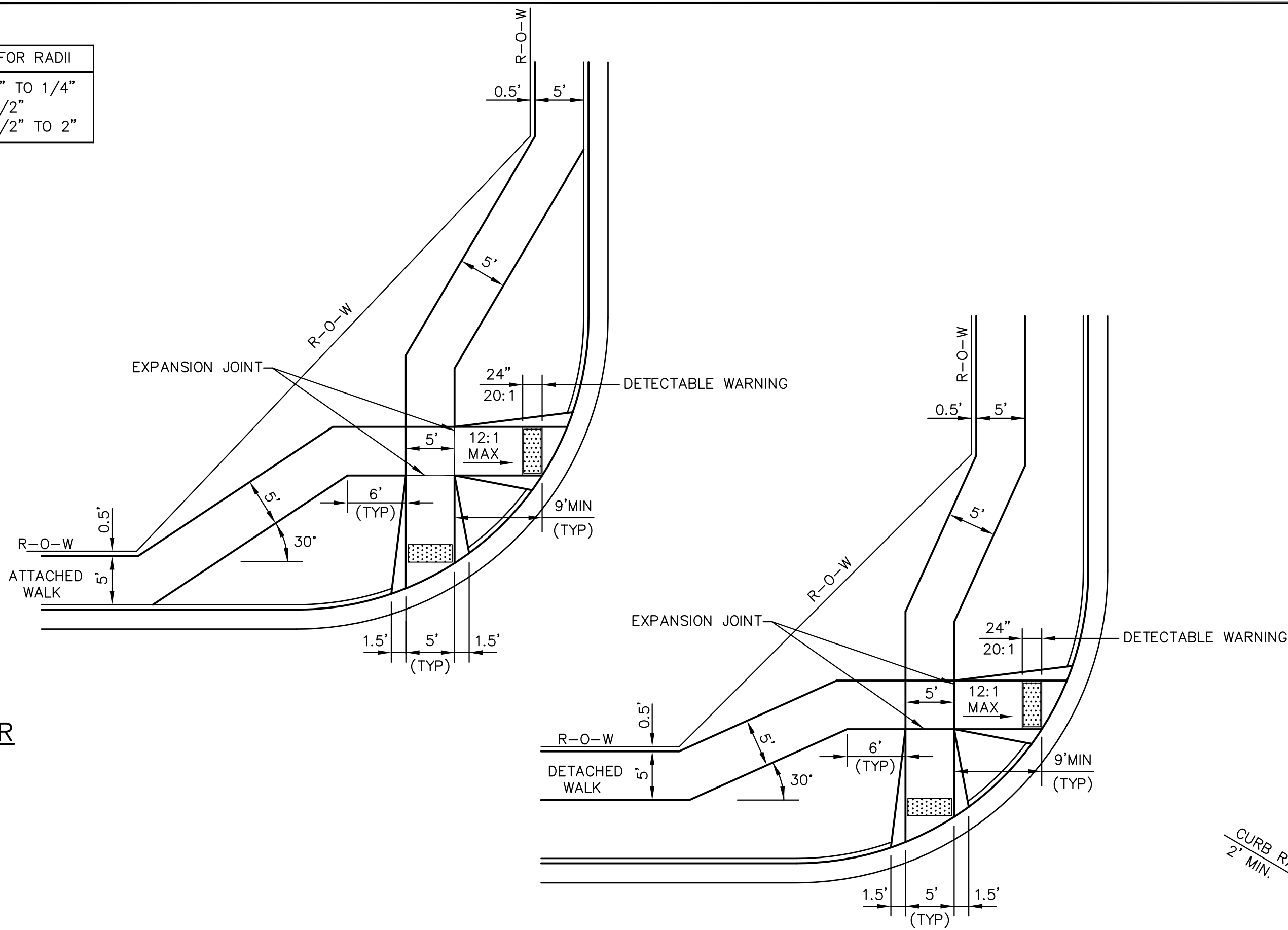
LENGTH FOR RADII	
A	1/8" TO 1/4"
B	1-1/2"
C	1-1/2" TO 2"

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

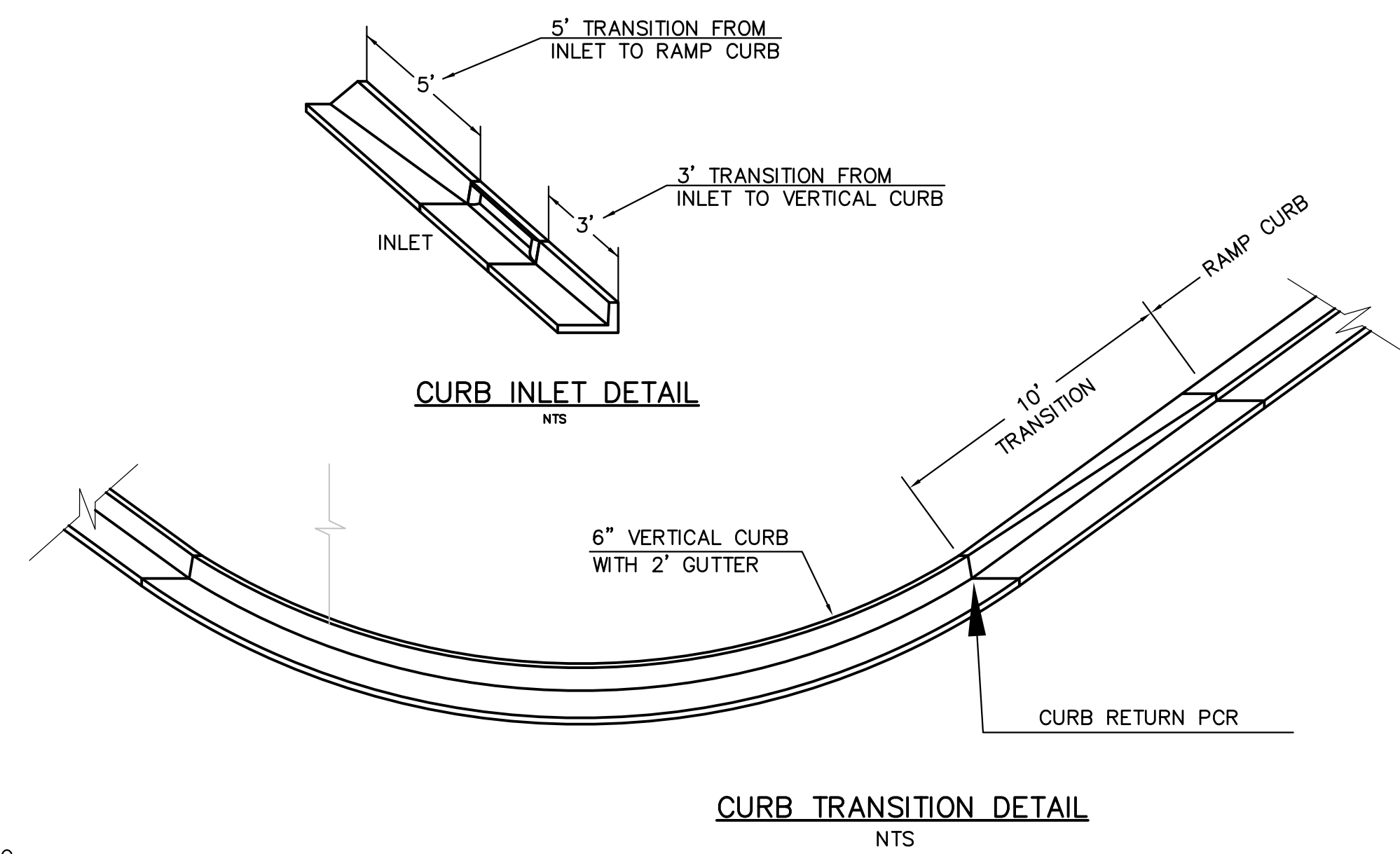


**TYPE 'C'**  
**OPTIONAL TYPE C RAMP CURB AND GUTTER**  
SCALE 1" = 1'

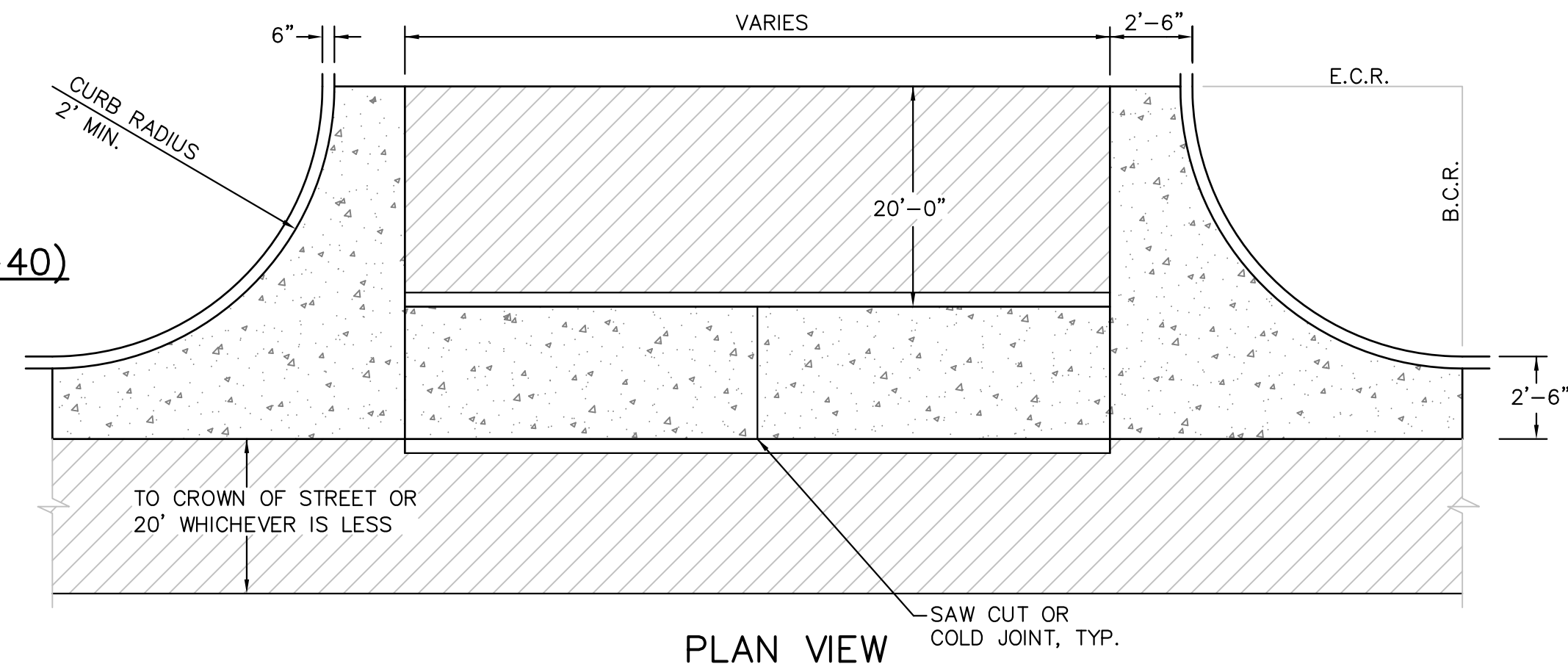
**CURB DETAILS (ECM SD 2-20)**



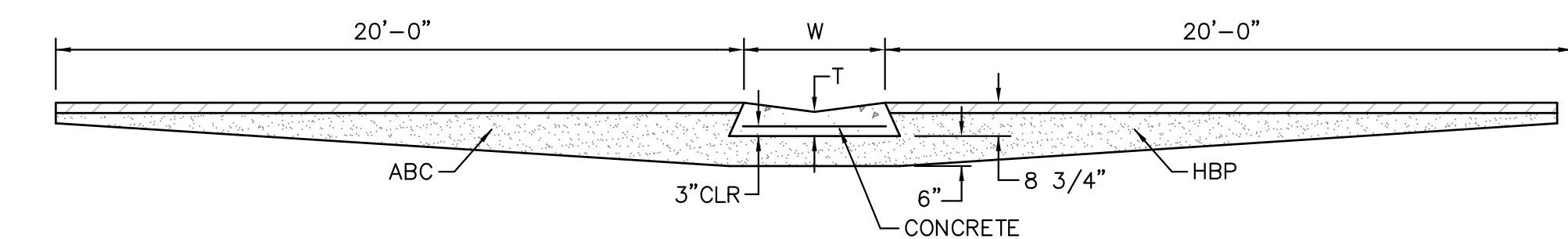
**PEDESTRIAN RAMPS AT INTERSECTIONS (ECM SD 2-40)**  
NO SCALE



**CURB TRANSITION DETAIL**  
NTS



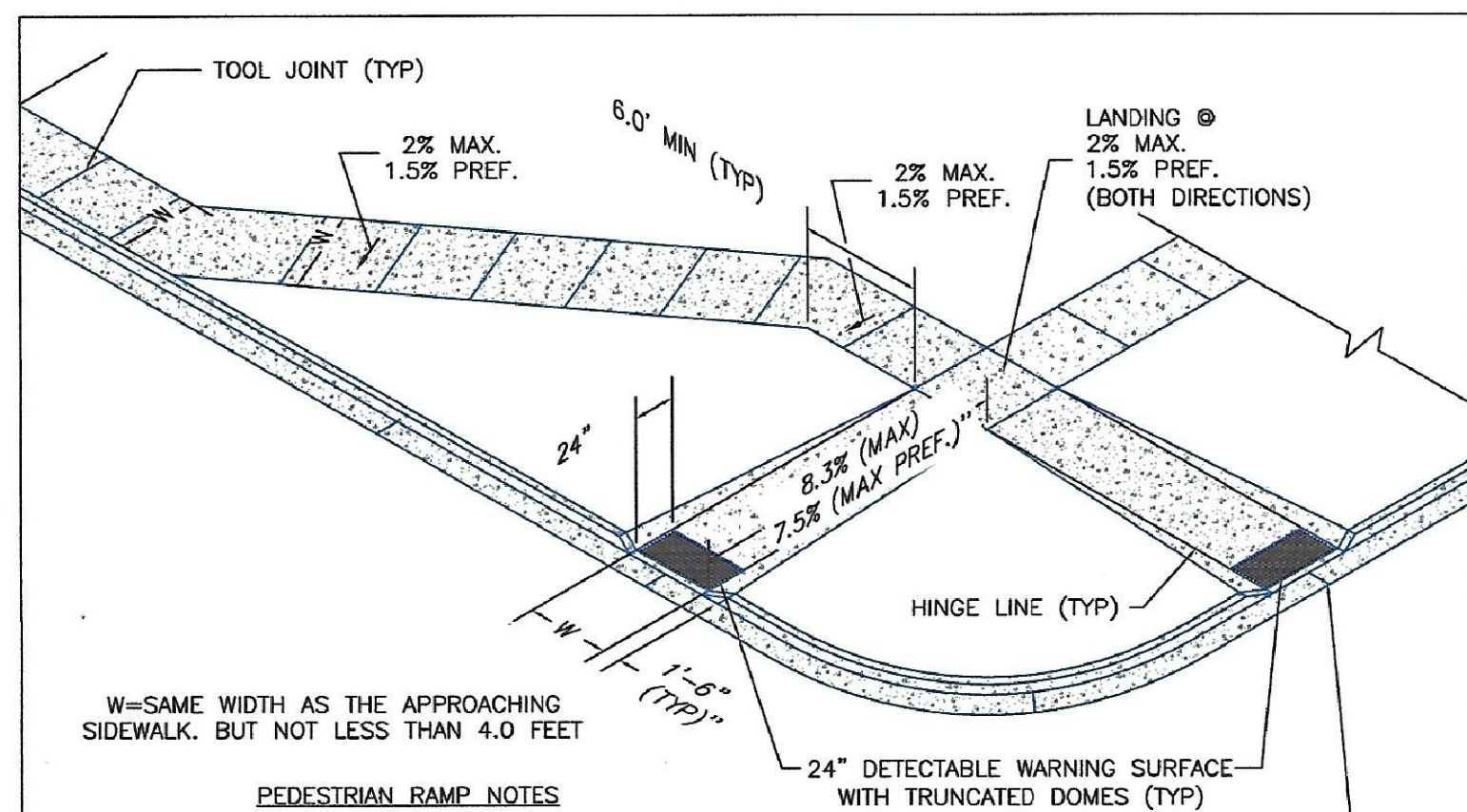
**PLAN VIEW**



**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" MINIMUM ASPHALT DEPTH (2 LIFTS).
  - DESIGN TO SPECIFY ELEVATIONS AT PI AND PCR.



W=SAME WIDTH AS THE APPROACHING SIDEWALK, BUT NOT LESS THAN 4.0 FEET

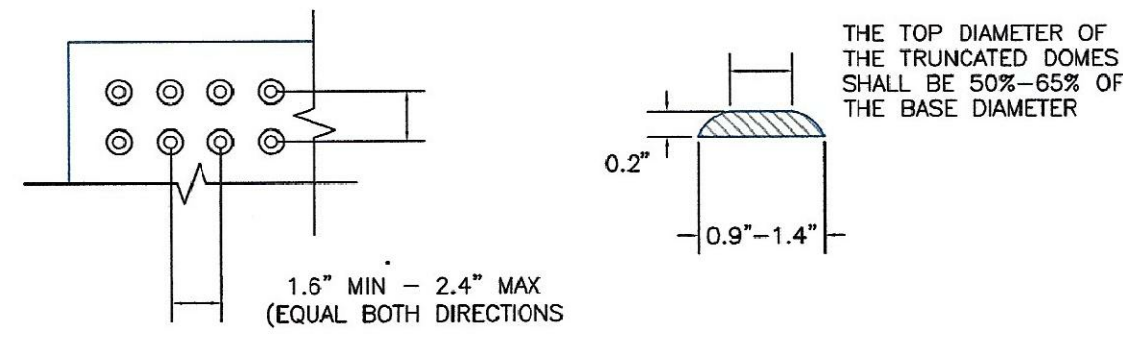
**PEDESTRIAN RAMP NOTES**

- 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 4,500 PSI CONCRETE, MINIMUM 4" THICK, NON-COLORED, NON-SCORED, COARSE 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 6.3.6 FOR PEDESTRIAN PUSHBUTTON 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 (PATINA 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%.

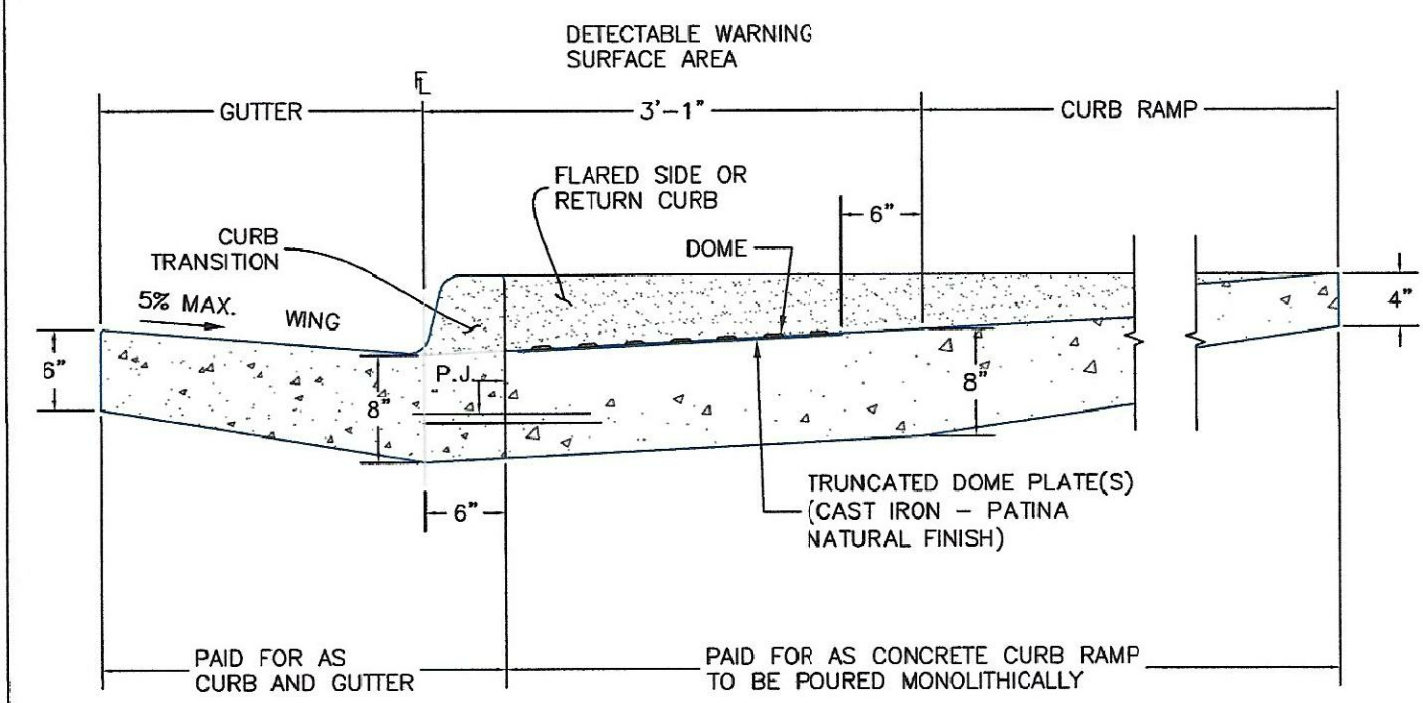
**GENERAL NOTES**

- 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 10:1.
- 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.

**TRUNCATED DOME DETAILS**



**DOMES SPACING**      **ELEVATION VIEW**



**SIDE CROSS SECTION VIEW OF DETECTABLE WARNING SURFACE, CURB AND GUTTER**

P.J.= PERMISSIBLE JOINT WITH EPOXY-COATED DEFORMED NO. 4 BARS CONFORMING TO AASHTO M 284 AT 18 IN. SPACING

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

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

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EMAIL: rich@cegi.com

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

PREPARED FOR:  
**LORSON, LLC**  
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CONTACT: JEFF MARK

PROJECT:  
**THE RIDGE AT LORSON**  
RANCH FIL. NO. 3  
FONTAINE BLVD - WALLEYE DR  
COLORADO SPRINGS, COLORADO

DRAWN: RLS  
DESIGNED: RLS  
CHECKED: RLS

**ROADWAY DETAIL SHEET**

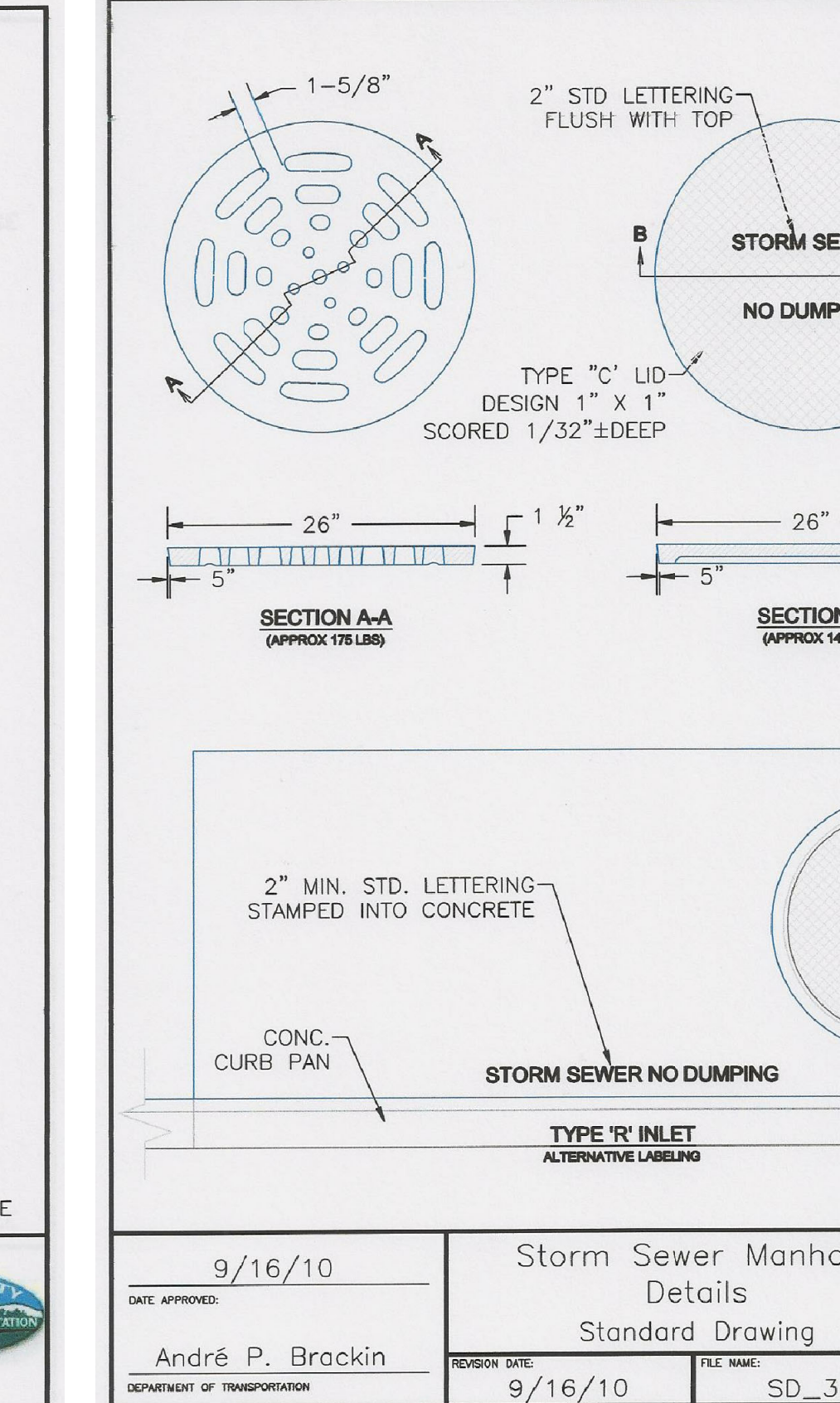
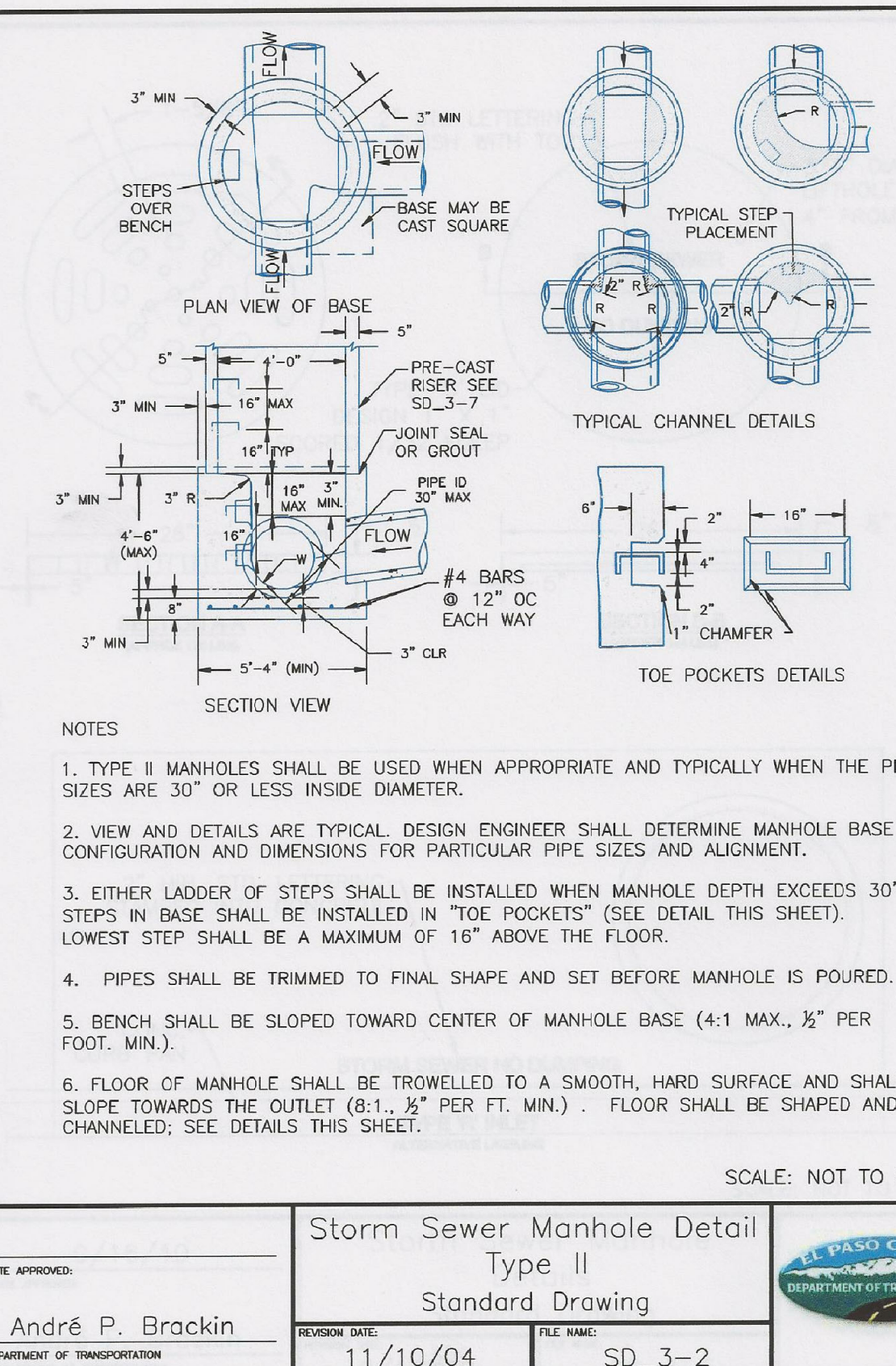
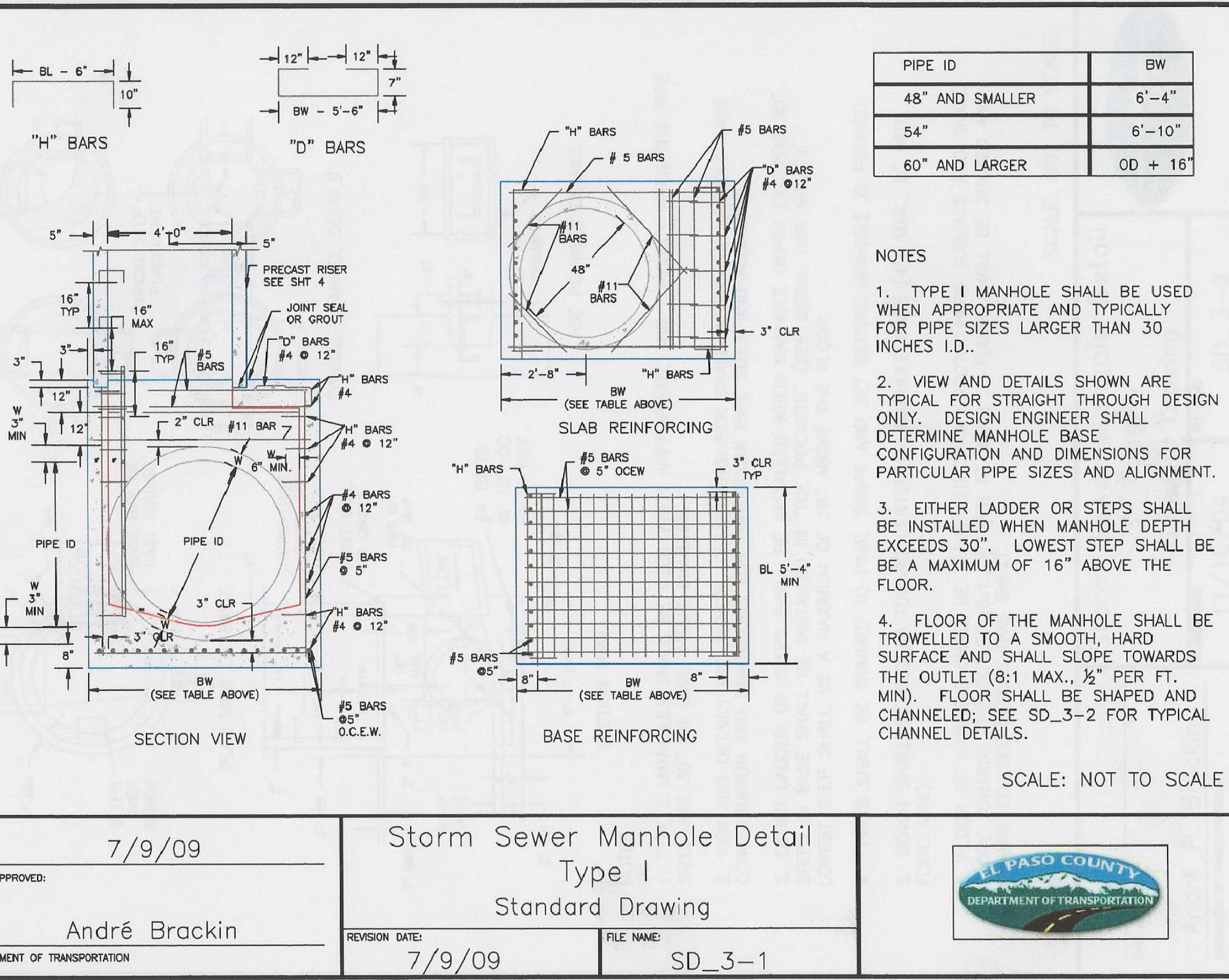
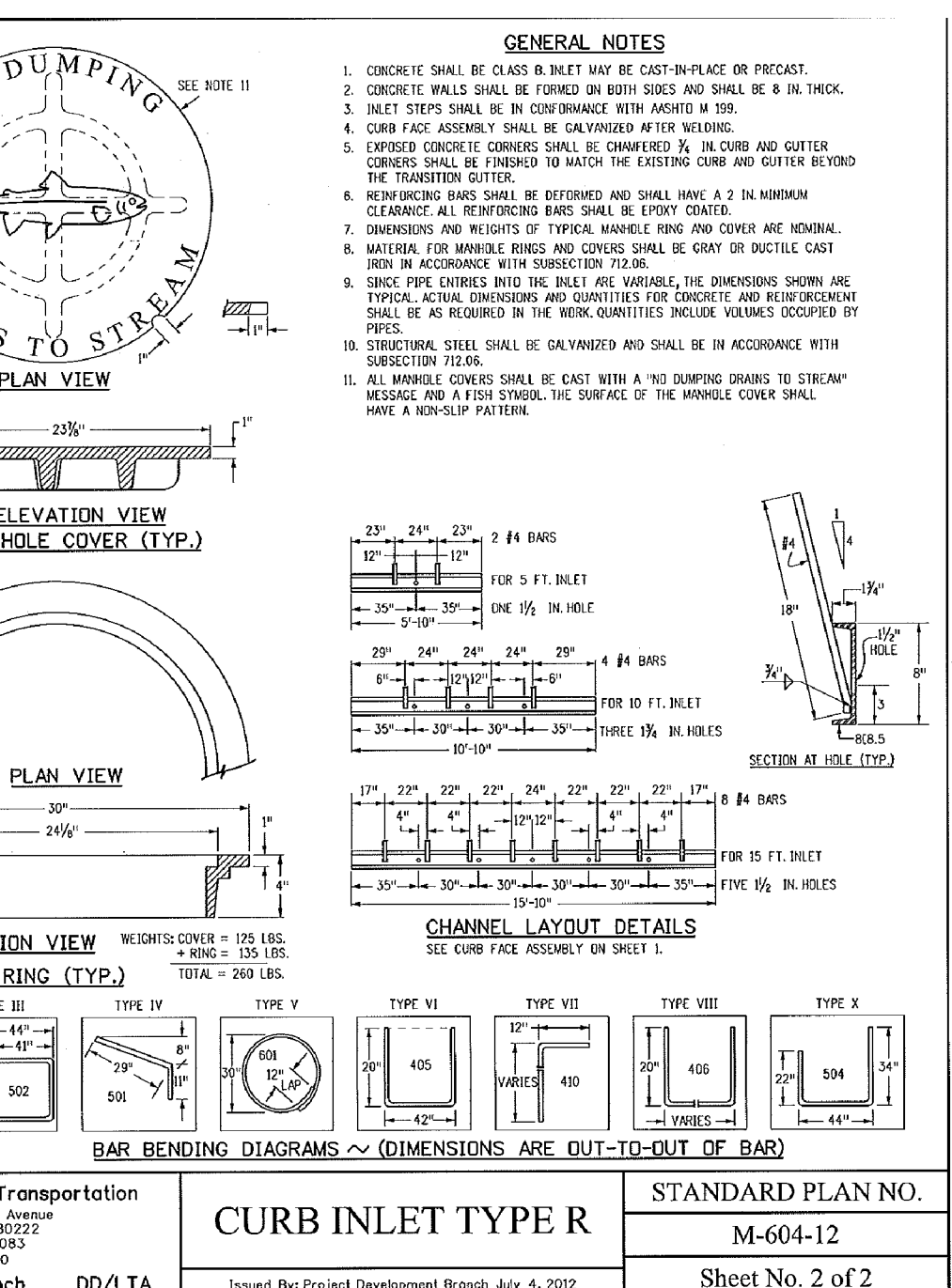
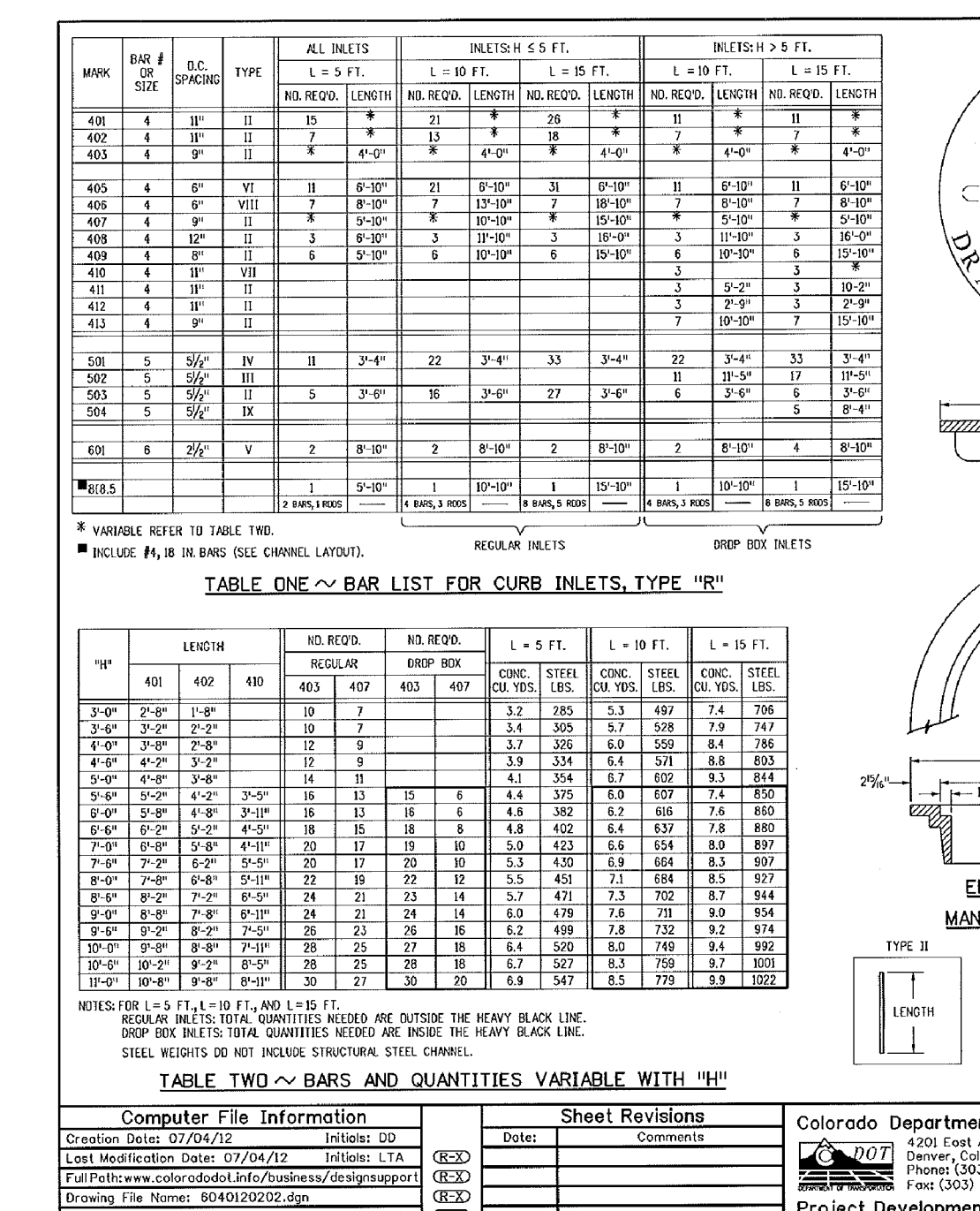
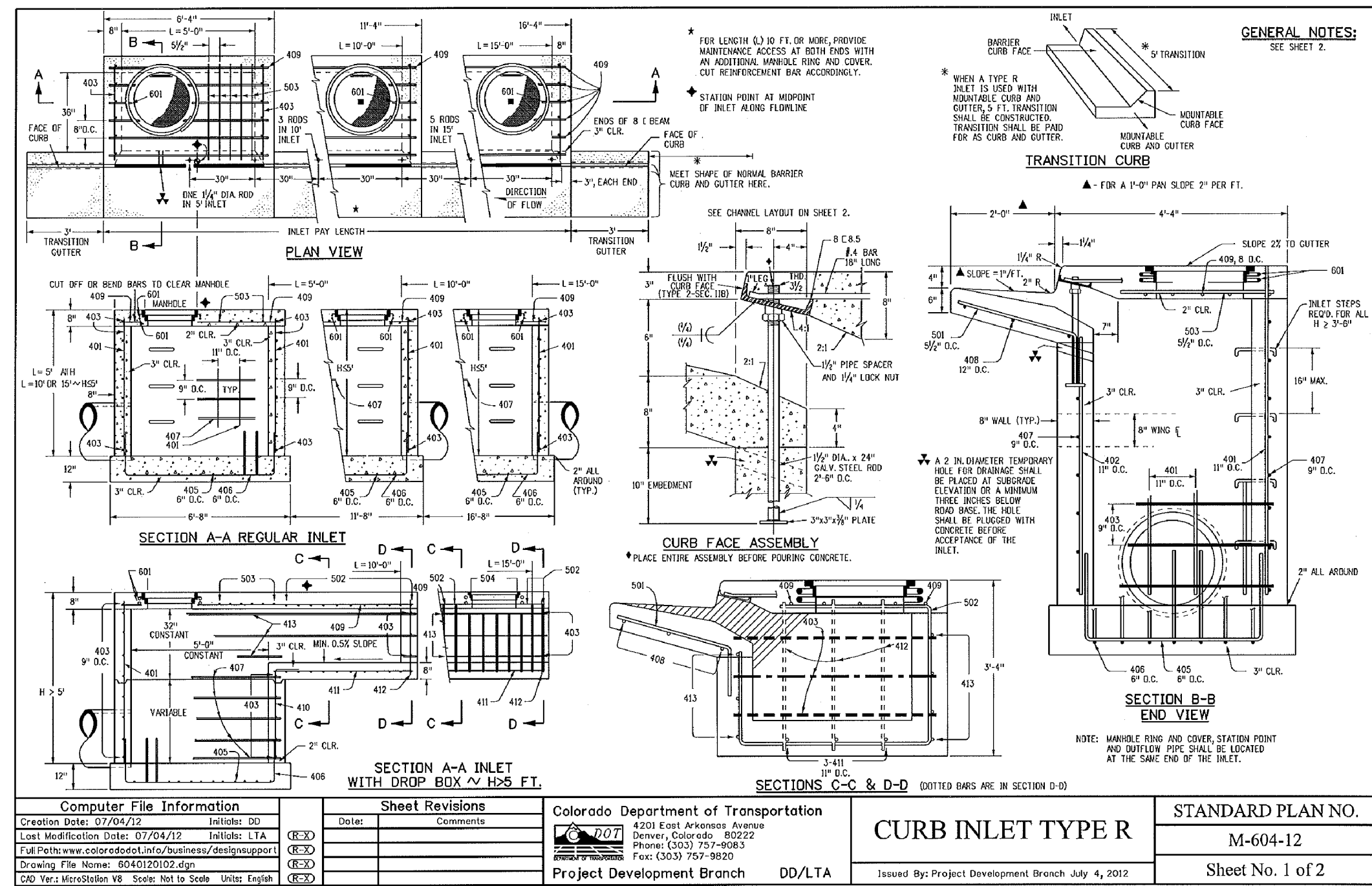
DATE:  
NOV, 2021

PROJECT NO.  
100.068

SHEET NUMBER  
C10.1

TOTAL SHEETS: 18





DATE APPROVED: 7/9/09  
 DEPARTMENT OF TRANSPORTATION  
 Storm Sewer Manhole Detail Type I Standard Drawing  
 REVISION DATE: 7/9/09  
 FILE NAME: SD\_3-1

DATE APPROVED: 11/10/04  
 DEPARTMENT OF TRANSPORTATION  
 Storm Sewer Manhole Detail Type II Standard Drawing  
 REVISION DATE: 11/10/04  
 FILE NAME: SD\_3-2

DATE APPROVED: 9/16/10  
 DEPARTMENT OF TRANSPORTATION  
 Storm Sewer Manhole Detail Standard Drawing  
 REVISION DATE: 9/16/10  
 FILE NAME: SD\_3-5

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**THE RIDGE AT LORSON**  
 RANCH FILL NO. 3  
 FURNACE BLVD. W. INTER. OR  
 COLORADO SPRINGS, COLORADO

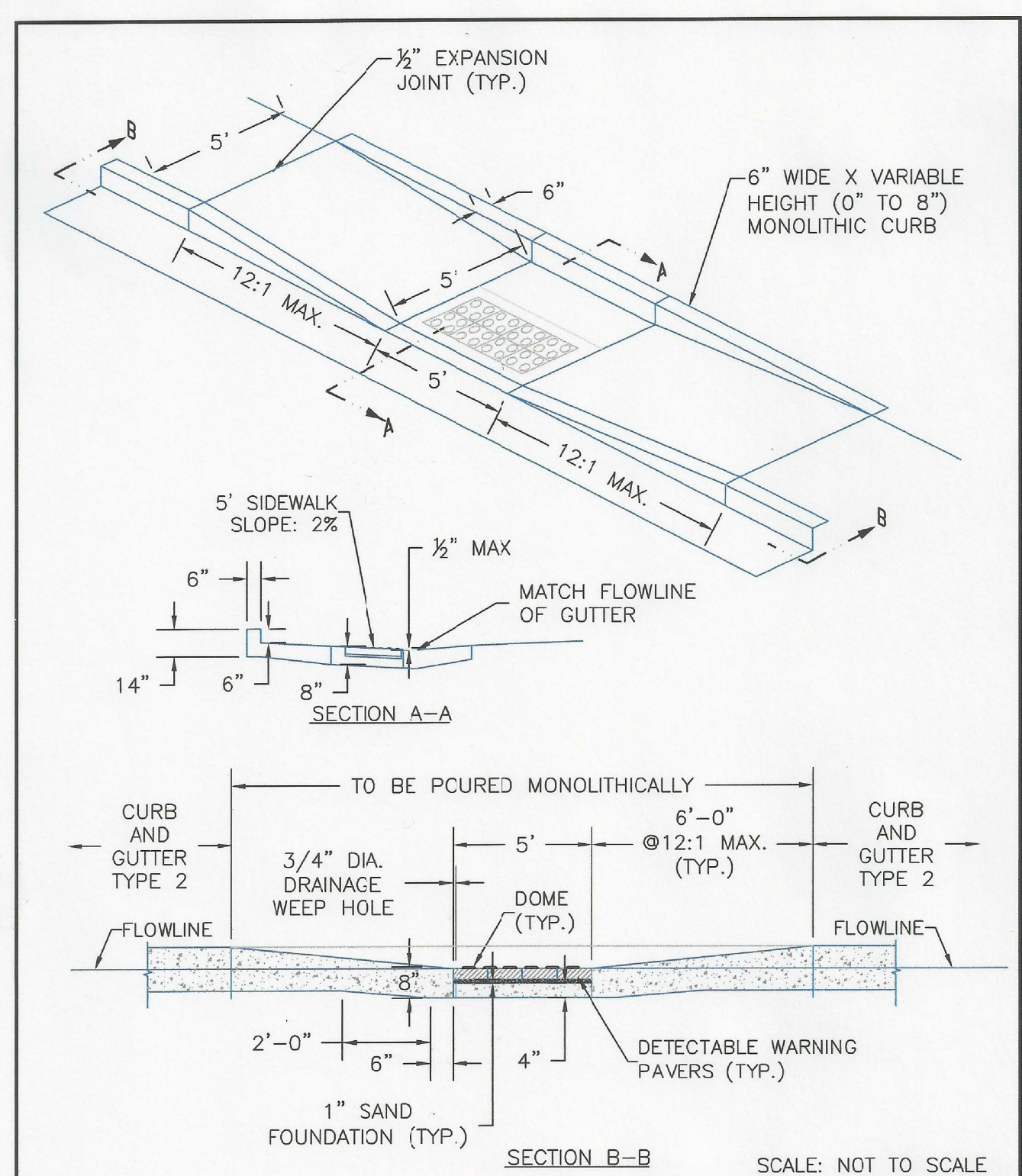
PREPARED FOR: LORSON, LLC  
 212 N. WAHSATCH AVE. SUITE 301  
 COLORADO SPRINGS, COLORADO 80903  
 CONTACT: JEFF MARK

NO. DESCRIPTION DATE

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

DATE: NOV, 2021  
 PROJECT NO. 100.068  
 SHEET NUMBER C10.2  
 TOTAL SHEETS: 18





Update with new parallel ped ramp detail dated 6/23/20

DATE APPROVED: 8/11/11 André P. Brackin DEPARTMENT OF TRANSPORTATION	REVISION DATE: 12/8/15	FILE NAME: SD_2-50	
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DATE: \_\_\_\_\_  
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 CONTACT: JEFF MARK

DRAWN: RLS  
 DESIGNED: RLS  
 CHECKED: RLS

**ROADWAY DETAIL SHEET**

DATE:  
NOV, 2021

PROJECT NO.  
100.068

SHEET NUMBER  
C10.3

TOTAL SHEETS: 18