

GENERAL CONSTRUCTION NOTES:

- THE LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND MAY NOT INCLUDE ALL UTILITIES. THE EXCAVATION CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATED AND PRESERVE ANY AND ALL UTILITIES.
- BEFORE COMMENCING ANY EXCAVATION, CALL 1-800-922-1987 FOR EXISTING UTILITY LOCATIONS.
- THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
- ALL BACKFILL, SUB-BASE AND/OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED TO THE SOILS ENGINEER'S RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION.
- ALL STATIONING IS CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE CENTERLINE UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL REVEGETATE ALL DISTURBED AREAS AS SOON AS POSSIBLE AND EROSION CONTROL SHALL BE INSTALLED AND MAINTAINED IN A FUNCTIONAL MANNER AT ALL TIMES. DEVELOPER RESPONSIBLE FOR MAINTAINING DISTURBED AREAS UNTIL REVEGETATION IS COMPLETE.
- ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO THE EPC ECM APPENDIX K - 1.2C.
- ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
- BUILDING CONTRACTORS WILL BE RESPONSIBLE FOR CONSTRUCTING POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
- ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED) FOR ROADS SHALL BE PER DESIGN REPORT BY OWNER'S GEOTECHNICAL ENGINEER. OWNER'S GEOTECHNICAL ENGINEER TO BE ON SITE AT TIME OF ROAD CONSTRUCTION TO EVALUATE SOIL CONDITIONS AND DETERMINE IF ADDITIONAL MEASURES ARE NECESSARY TO ASSURE STABILITY OF THE NEW ROADS. PAVEMENT DESIGN SHALL BE APPROVED BY DEVELOPMENT SERVICES DEPARTMENT PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL REVEGETATE ALL DISTURBED AREAS WITHIN 21 DAYS OF SUBSTANTIAL GRADING COMPLETION. EROSION CONTROL SHALL BE INSTALLED AND MAINTAINED IN A FUNCTIONAL MANNER AT ALL TIMES. DEVELOPER IS RESPONSIBLE FOR MAINTAINING DISTURBED AREAS UNTIL REVEGETATION IS COMPLETE.
- TYPE M RIP-RAP WITH 4" OF TYPE II GRANULAR BEDDING AND MIRAFI 180N OR EQUAL MAY BE SUBSTITUTED WHERE TYPE L RIP-RAP WITH MIRAFI FW 700 OR EQUAL IS SPECIFIED
- ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH ANY AND ALL APPLICABLE EL PASO COUNTY STANDARDS.

STANDARD NOTES FOR EL PASO COUNTY CONSTRUCTION PLANS:

- 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 EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT - 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 DSD. 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 DSD.
- CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY DSD 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 DOT AND MUTCD CRITERIA.
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT, 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.

SIGNING AND STRIPING NOTES:

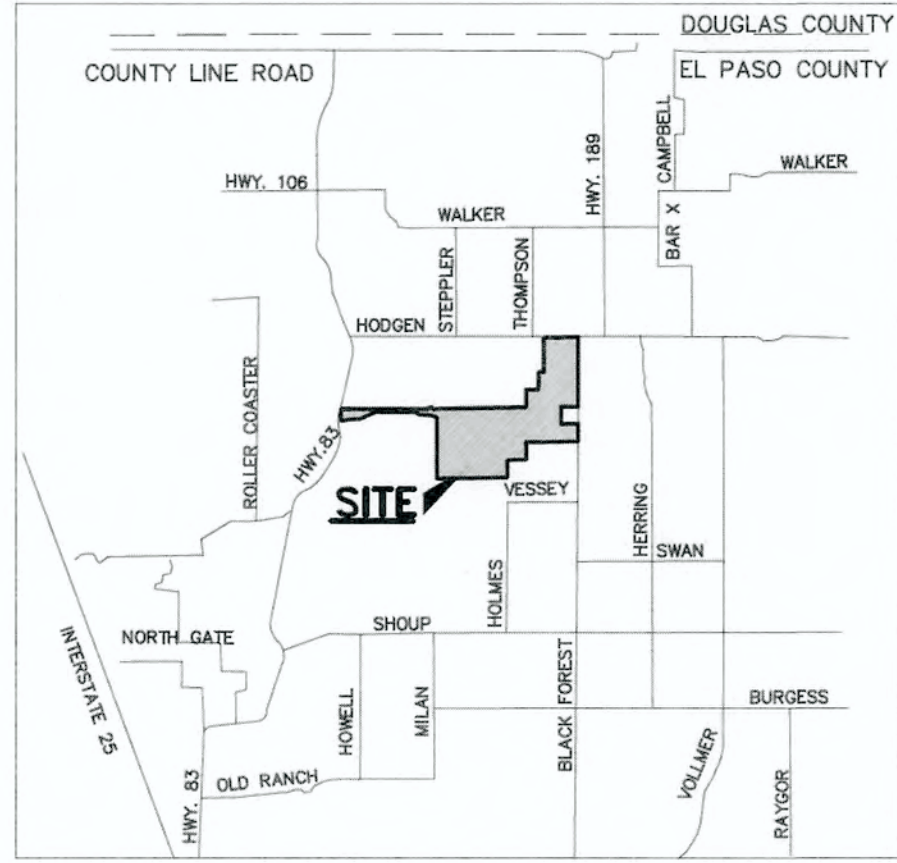
- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT 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 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 SUBBASE 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 DEPARTMENT OF PUBLIC WORKS PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

BENCHMARKS

- THE NORTHWESTERLY CORNER OF LOT 1, WESCOTT FIRE STATION NO. 3, RECORDED UNDER RECEPTION NO. 212713192 RECORDS OF EL PASO COUNTY COLORADO, BEING MONUMENTED BY A 1 1/2 INCH ALUMINUM SURVEYORS CAP STAMPED "CCES LLC PLS 30118" ELEVATION=7387.14
- THE SOUTHEAST CORNER OF SECTION 30, TOWNSHIP 11 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO, BEING A 3 1/4 INCH ALUMINUM SURVEYORS CAP STAMPED "JR ENG LTD RLS 10377" IN A RANGE BOX IN BLACK FOREST ROAD. ELEVATION=7554.01

FLYING HORSE NORTH FILING NO. 1  
COUNTY OF EL PASO, STATE OF COLORADO  
STREET IMPROVEMENT PLANS

JULY 2018



VICINITY MAP  
N.T.S.

SHEET INDEX

SHEET 1 OF 45	TITLE SHEET
SHEET 2 OF 45	INDEX SHEET
SHEET 2A OF 45	TYPICAL ROADWAY SECTIONS
SHEETS 3-17 OF 45	STAGECOACH RD. / OLD STAGECOACH RD. / SHORTWALL DR. PLAN AND PROFILES
SHEETS 18-25 OF 45	LOCAL ROAD PLAN AND PROFILES
SHEETS 26-37 OF 45	ROUND-ABOUT PLANS INCL. SIGNAGE AND STRIPING
SHEETS 38-40 OF 45	OVERALL SIGNAGE AND STRIPING PLANS
SHEETS 45 OF 45	DETAIL SHEET

PLEASE NOTE THAT SHEETS 41-44 ARE NOT UTILIZED AS SHEETS 2A, 22A, 25A AND 29A ARE USED INSTEAD.

AGENCIES:

OWNER/DEVELOPER:	PRI #2 6385 CORPORATE DRIVE, SUITE 200 COLORADO SPRINGS, CO 80919 MR. DREW BALSICK, (719) 592-9333
CIVIL ENGINEER:	CLASSIC CONSULTING ENGINEERS & SURVEYORS 619 N. CASCADE AVENUE, SUITE 200 COLORADO SPRINGS, COLORADO 80903 MR. MARC A. WHORTON, P.E. (719) 785-2802
COUNTY ENGINEERING:	EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT 2880 INTERNATIONAL CIRCLE, SUITE 110 COLORADO SPRINGS, COLORADO 80910 MR. GILBERT LAFORCE (719) 520-7945
GAS COMPANY:	BLACKHILLS ENERGY 37 WIDEFIELD BOULEVARD WIDEFIELD, COLORADO 80911 MR. GEORGE M. PETERSON, (719) 392-3491
ELECTRIC COMPANY:	MOUNTAIN VIEW ELECTRIC P.O. BOX 1600 LIMON, COLORADO 80828 MR. LES ULFERS, (719) 495-2283
FIRE DISTRICT:	DONALD WESCOTT FIRE PROTECTION DISTRICT 15415 GLENEAGLE DRIVE COLORADO SPRINGS, CO 80921 CHIEF WINNY BURNS, (719) 488-8680
FIRE DISTRICT:	BLACK FOREST FIRE PROTECTION DISTRICT 11445 TEACOUT ROAD COLORADO SPRINGS, CO 80908 CHIEF BRYAN JACK, (719) 495-4300
TELEPHONE COMPANY:	CENTURY LINK (LOCATORS) 811  AT & T (LOCATORS) 811

APPROVALS:

DESIGN ENGINEER'S STATEMENT:

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 DIRECTLY CAUSED BY THE NEGLIGENT ACTS, ERRORS, OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

MARC A. WHORTON, COLORADO P.E. #37155  
FOR AND ON THE BEHALF OF CLASSIC CONSULTING ENGINEERS & SURVEYORS

9/17/18  
DATE

OWNER/DEVELOPER'S STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

MARC A. WHORTON  
PRI #2

9-18-18  
DATE

EL PASO COUNTY:

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 MANUAL, VOLUMES 1 AND 2 AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

Approved  
by El Paso County Planning and Community Development  
on behalf of Jennifer Irvine, County Engineer (CDOT Representative)  
09/25/2018 2:49:02 PM

JENNIFER IRVINE, P.E.  
COUNTY ENGINEER / ECM ADMINISTRATOR

DATE

PCD No. SF-18-001

<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS <b>811</b> UTILITY NOTIFICATION OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>	<table><tr><th>NO.</th><th>REVISION</th><th>DATE</th></tr><tr><td>1</td><td>REVISED PER COUNTY COMMENTS</td><td>4-4-18</td></tr><tr><td>2</td><td>REVISED PER COUNTY COMMENTS</td><td>7-30-18</td></tr><tr><td></td><td>REVISED PER COUNTY COMMENTS</td><td>9-13-18</td></tr></table>	NO.	REVISION	DATE	1	REVISED PER COUNTY COMMENTS	4-4-18	2	REVISED PER COUNTY COMMENTS	7-30-18		REVISED PER COUNTY COMMENTS	9-13-18	<p>REVIEW:</p> <p>PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p>MARC A. WHORTON, COLORADO P.E. #37155</p> <p>9/17/18 DATE</p>	<p>CLASSIC CONSULTING ENGINEERS &amp; SURVEYORS</p> <p>619 N. Cascade Avenue, Suite 200 (719) 785-0790 Colorado Springs, Colorado 80903 (719) 785-0799(Fax)</p>	<p>FLYING HORSE NORTH FILING NO. 1 STREET IMPROVEMENT PLANS TITLE SHEET</p> <table><tr><td>DESIGNED BY</td><td>MAW</td><td>SCALE</td><td>DATE</td><td>10-2-17</td></tr><tr><td>DRAWN BY</td><td>MAW</td><td>(H) 1"= N/A</td><td>SHEET</td><td>1 OF 45</td></tr><tr><td>CHECKED BY</td><td></td><td>(V) 1"= N/A</td><td>JOB NO.</td><td>1096.11</td></tr></table>	DESIGNED BY	MAW	SCALE	DATE	10-2-17	DRAWN BY	MAW	(H) 1"= N/A	SHEET	1 OF 45	CHECKED BY		(V) 1"= N/A	JOB NO.	1096.11
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STREET PLAN SHEETS DEPICTED BELOW  
(SHEETS 3–25)

ROUND-ABOUT SHEETS  
(SHEETS 26–37)

STRIPING AND SIGNAGE SHEETS  
(SHEETS 38–40)

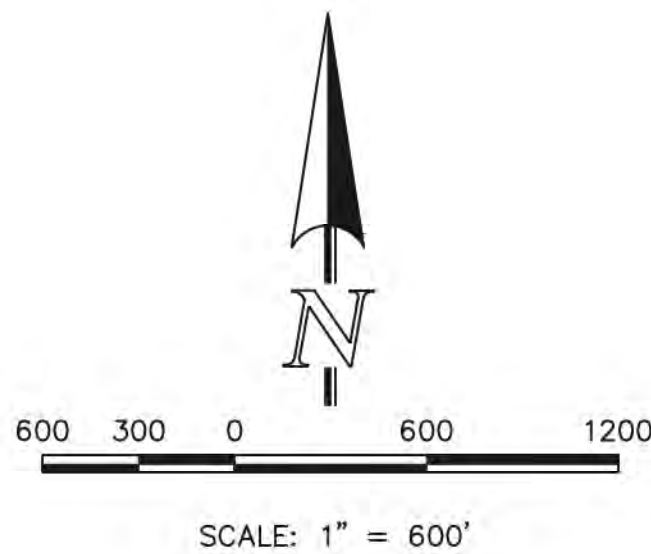
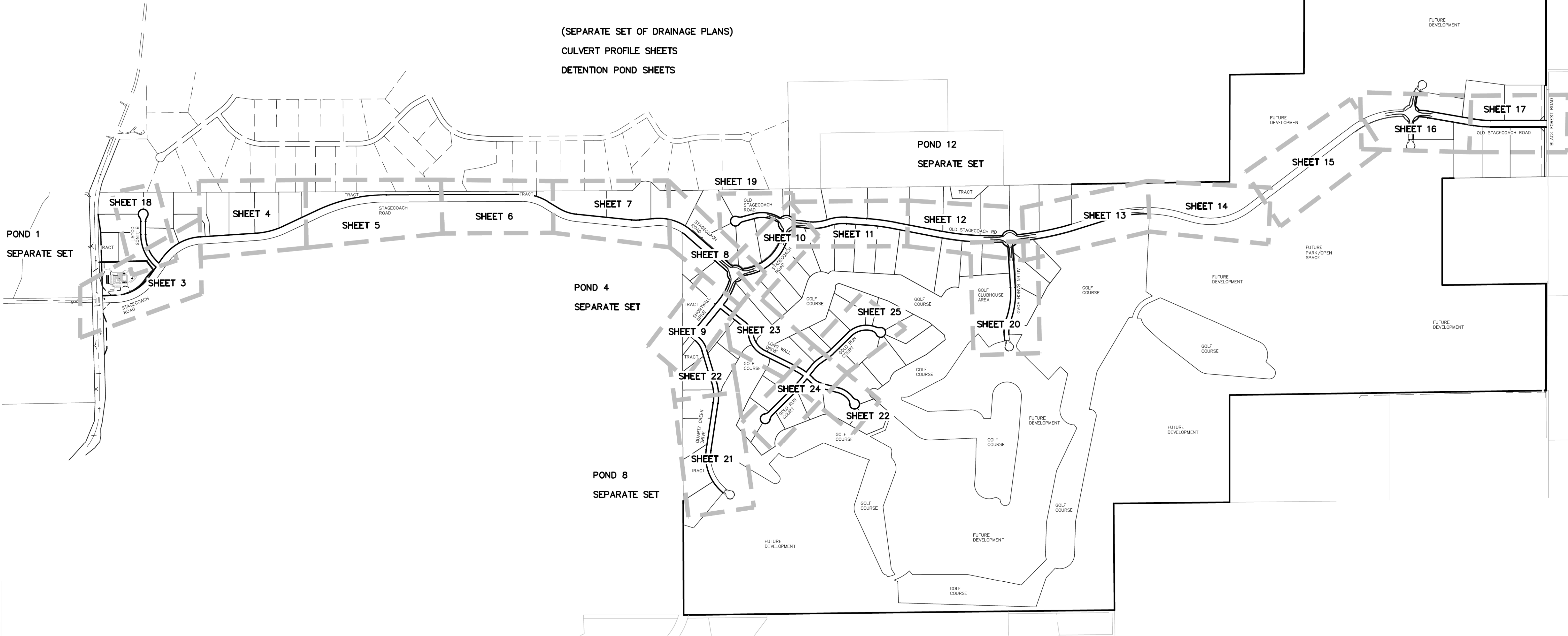
DETAIL SHEET  
(SHEET 45)


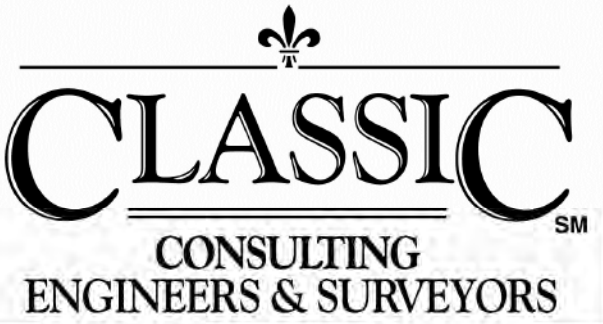

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(SEPARATE SET OF DRAINAGE PLANS)

CULVERT PROFILE SHEETS

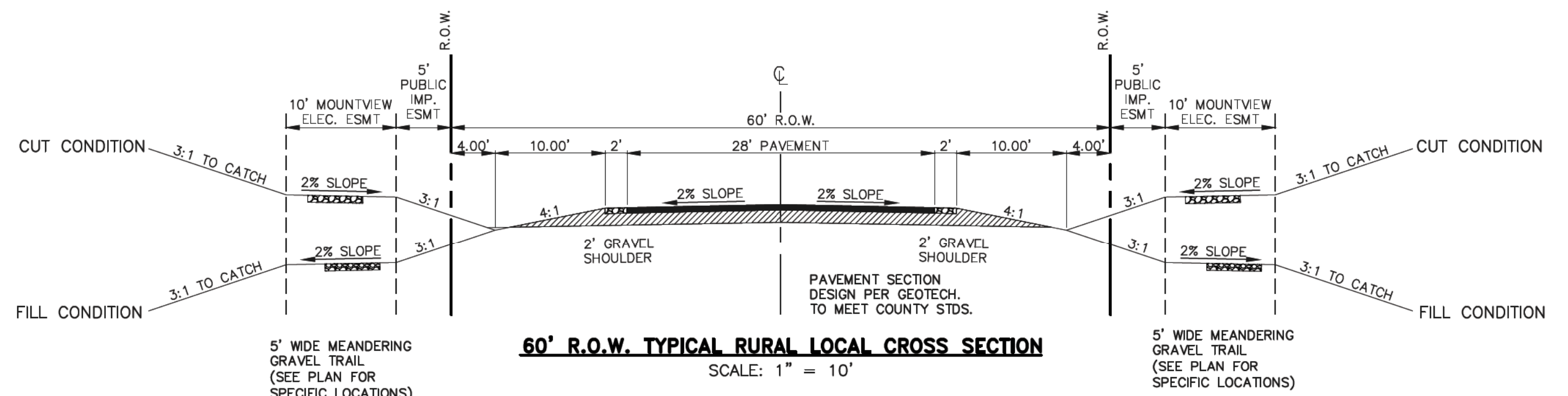
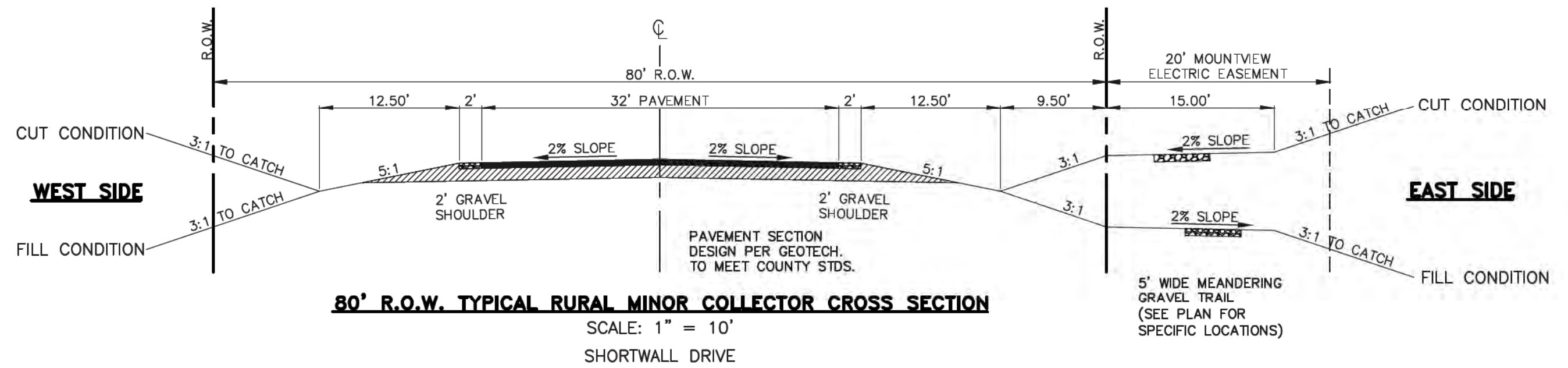
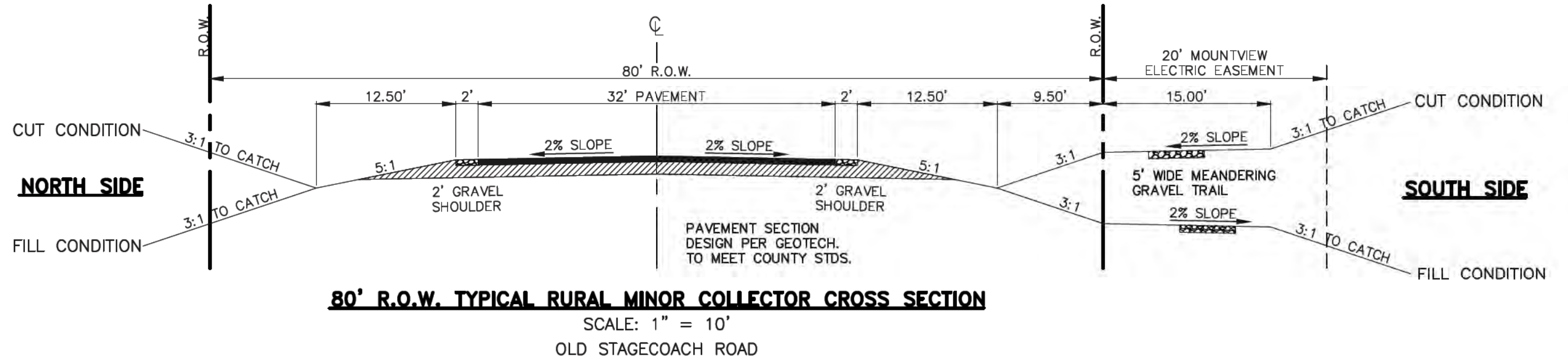
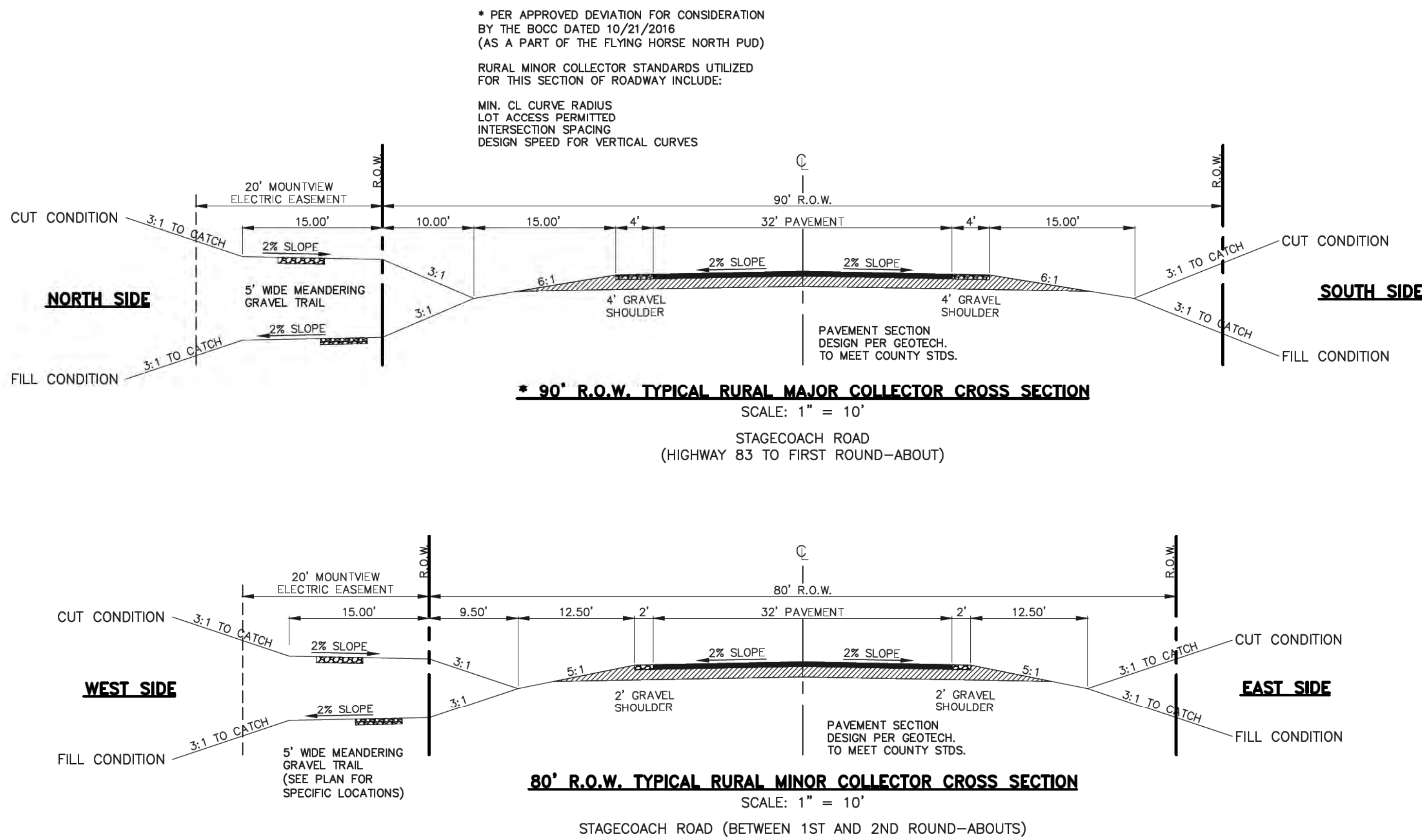
DETENTION POND SHEETS



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UTILITY NOTIFICATION CENTER OF COLORADO  
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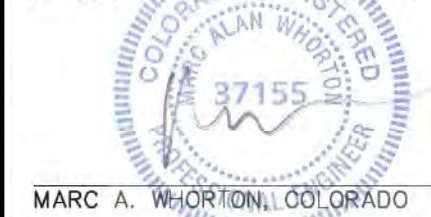
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NO. REVISION

DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC



9/17/18

DATE



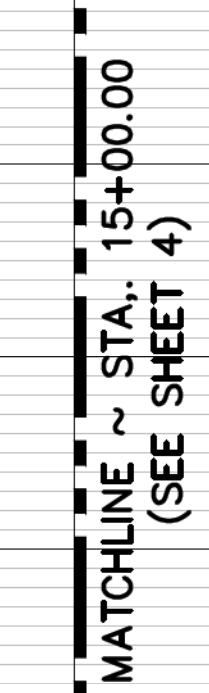
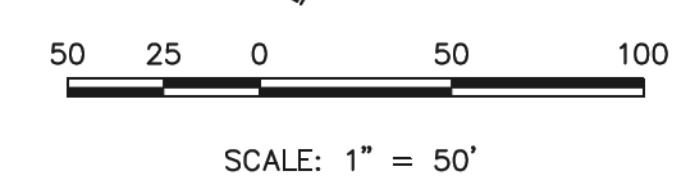
619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903  
(719) 785-0790  
(719) 785-0799 (fax)

FLYING HORSE NORTH FILING NO. 1  
CONSTRUCTION DRAWINGS  
TYPICAL ROADWAY CROSS SECTION DETAILS

DESIGNED BY	MAW	SCALE	DATE	5/14/18
DRAWN BY	MAW	(H) 1" = 10'	SHEET 2A	OF 45
CHECKED BY		(V) 1" = N/A	JOB NO.	1096.11

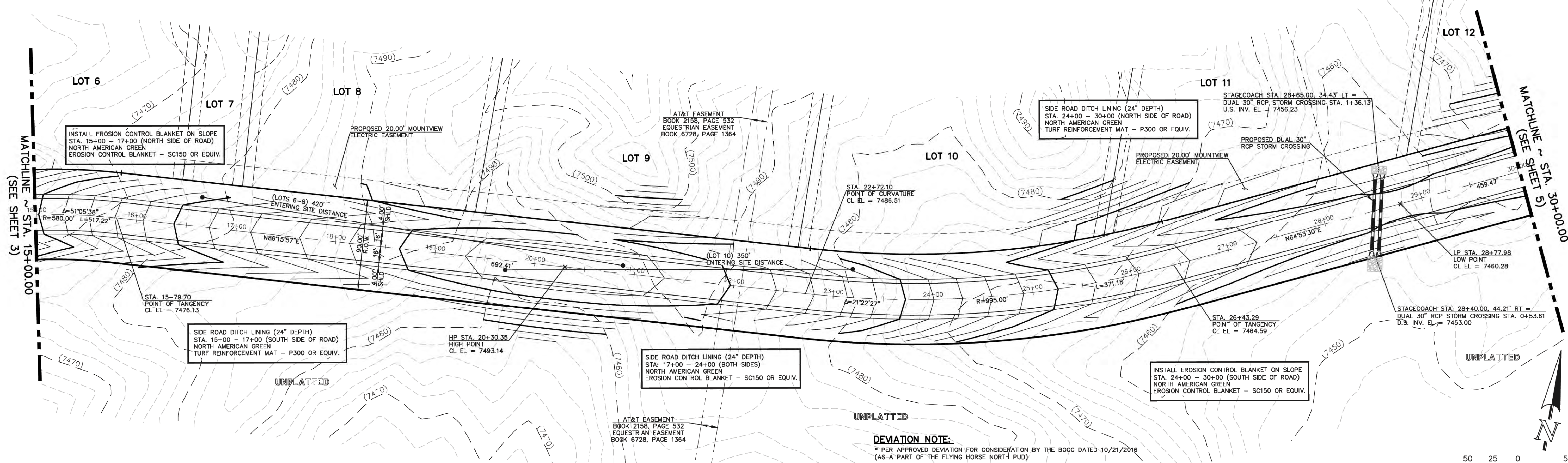
CLASSIC  
ENGINEERS & SURVEYORS





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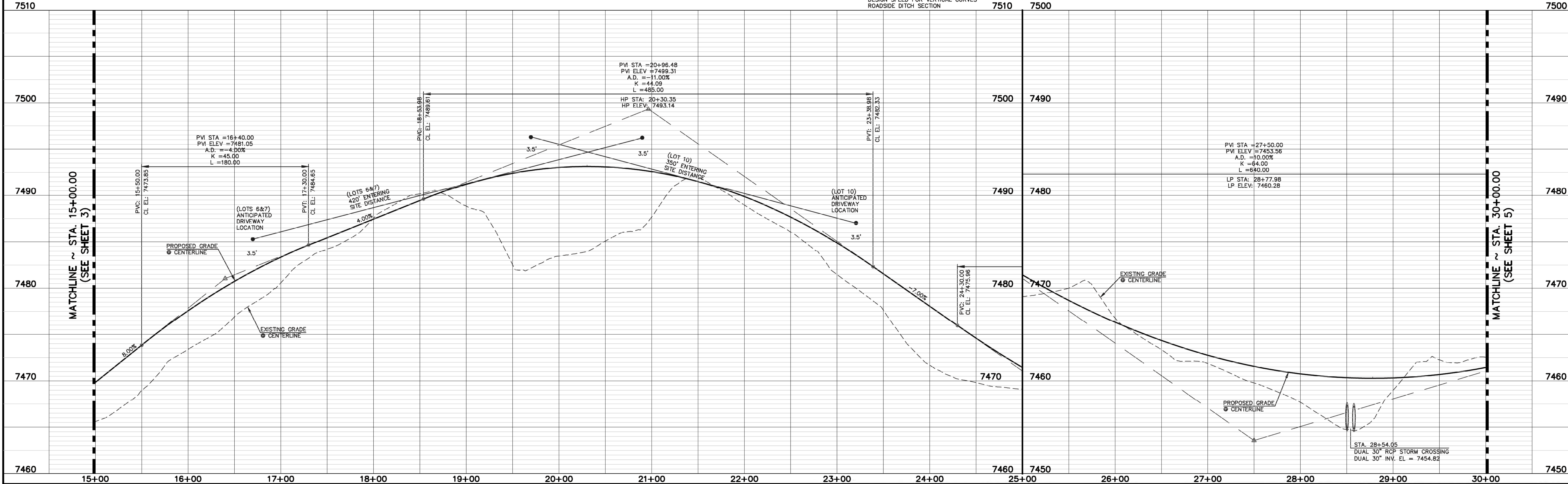
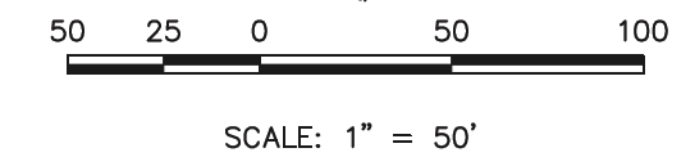




**STAGECOACH ROAD**  
(90' ROW - RURAL MAJOR COLLECTOR)  
DESIGN SPEED 40 MPH

**DEVIATION NOTE:**  
\* PER APPROVED DEVIATION FOR CONSIDERATION BY THE BOCC DATED 10/21/2016  
(AS A PART OF THE FLYING HORSE NORTH PUD)  
RURAL MINOR COLLECTOR STANDARDS UTILIZED FOR THIS SECTION OF ROADWAY INCLUDE:  
MIN. CL CURVE RADIUS  
LOT ACCESS PERMITTED  
INTERSECTION SPACING  
DESIGN SPEED FOR VERTICAL CURVES  
ROADSIDE DITCH SECTION

NOTE:  
INSTALL NORTH AMERICAN GREEN  
EROSION CONTROL BLANKET - SC150 OR EQUIV.  
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH



48 HOURS BEFORE YOU DIG,  
CALL UTILITY LOCATORS  
**811**  
UTILITY NOTIFICATION CENTER OF COLORADO  
IT'S THE LAW

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NO.	REVISION	DATE
1	REVISED PER COUNTY COMMENTS	4-4-18

REVIEW:

PREPARED UNDER THE DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WHORTON, COLORADO P.E. #37155

9/17/18

**CLASSIC**  
CONSULTING  
ENGINEERS & SURVEYORS

619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903

(719) 785-0790  
(719) 785-0799 (Fax)

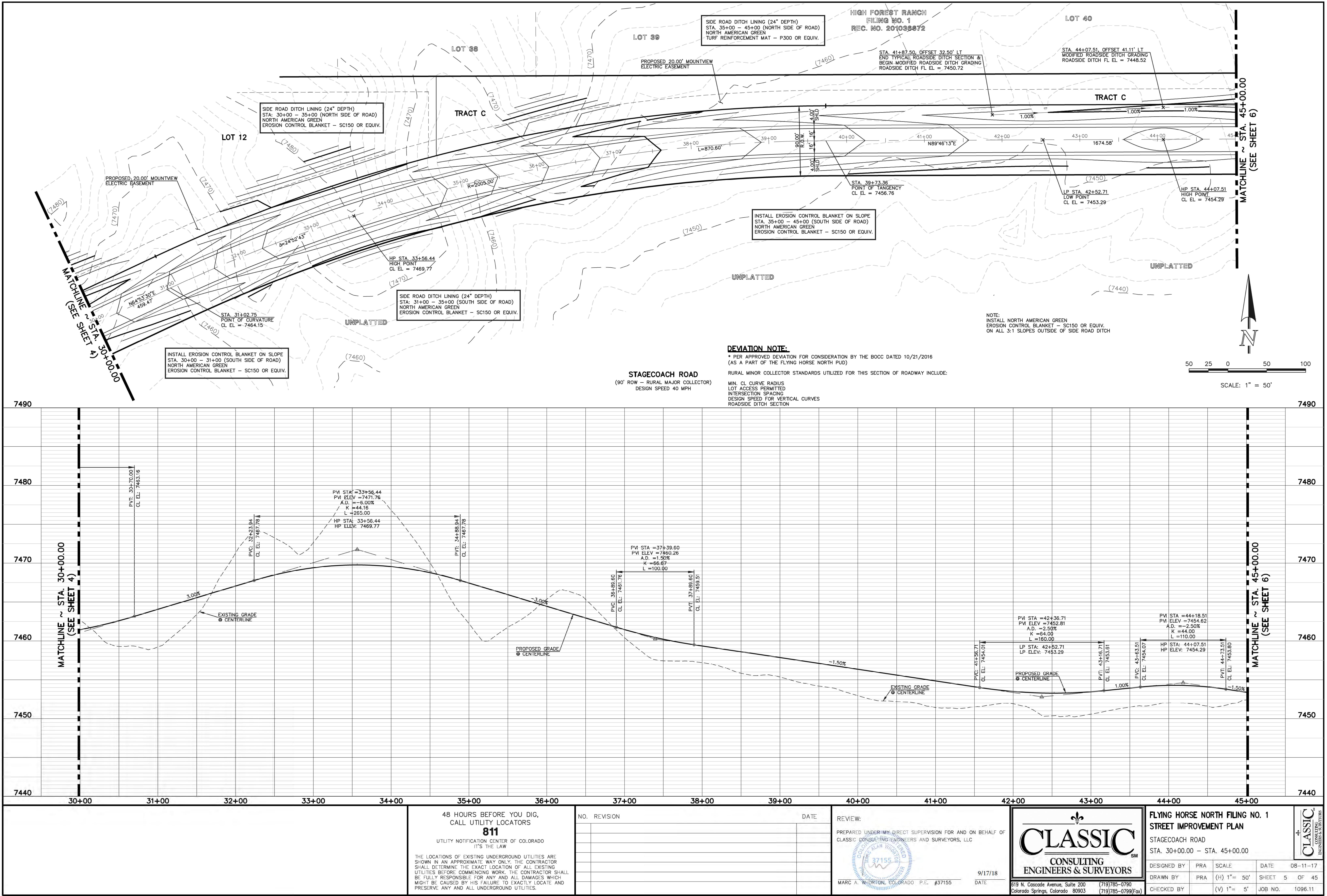
**FLYING HORSE NORTH FILING NO. 1**  
**STREET IMPROVEMENT PLAN**  
STAGECOACH ROAD  
STA. 15+00.00 - STA. 30+00.00

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1" = 50'	SHEET	4 OF 45
CHECKED BY	(V) 1" = 5'	JOB NO.	1096.11	

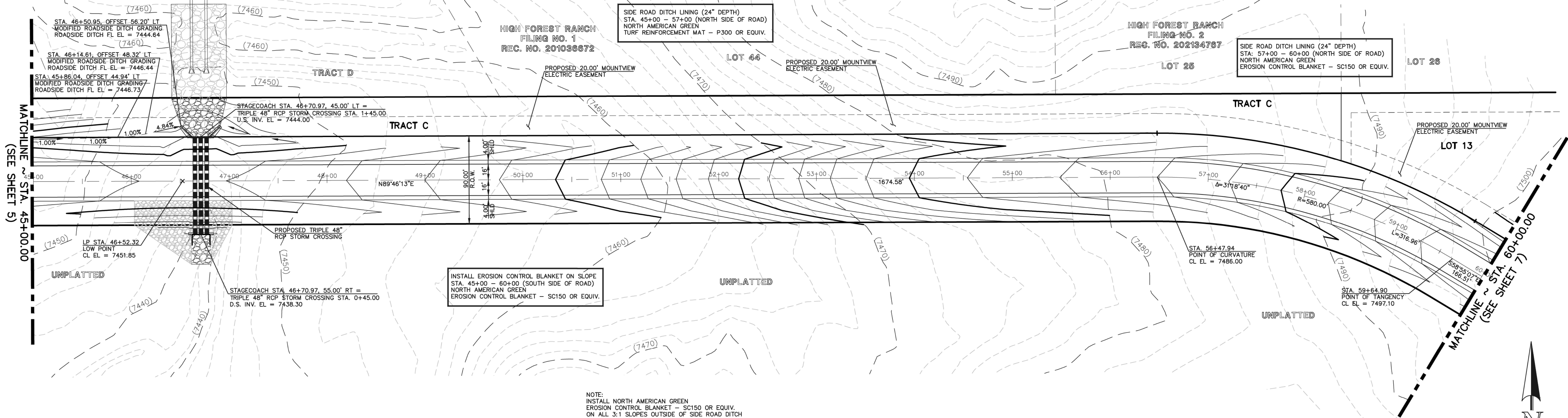
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N:\190611\DRAWINGS\CONSTRUCTION\109611-51-05.dwg, 6/13/2018 3:49:51 PM, 1:1







NOTE:  
INSTALL NORTH AMERICAN GREEN  
EROSION CONTROL BLANKET - SC150 OR EQUIV.  
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH

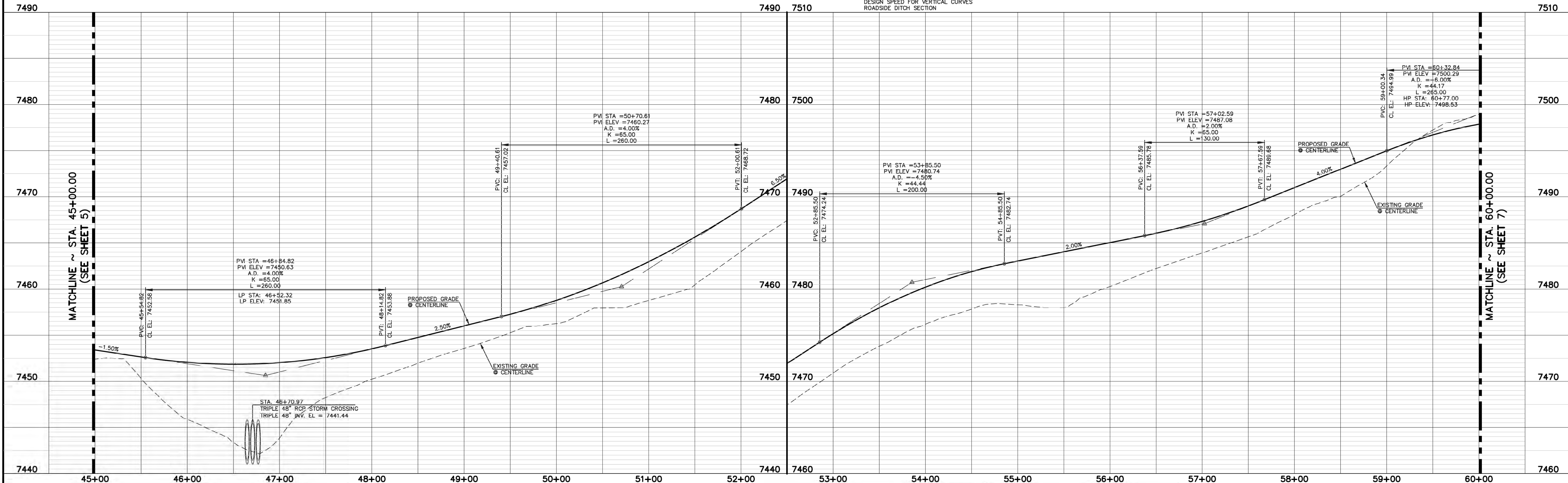
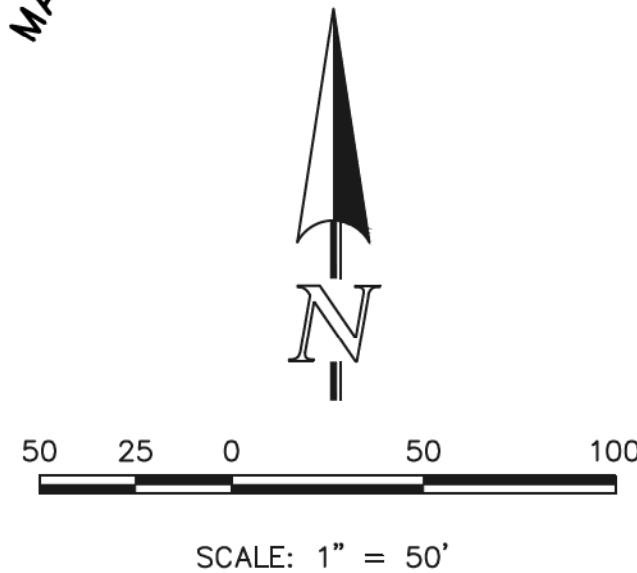
**DEVIATION NOTE:**

\* PER APPROVED DEVIATION FOR CONSIDERATION BY THE BOCC DATED 10/21/2016  
(AS A PART OF THE FLYING HORSE NORTH PUD)

RURAL MINOR COLLECTOR STANDARDS UTILIZED FOR THIS SECTION OF ROADWAY INCLUDE:

MIN. CL CURVE RADIUS  
LOT ACCESS PERMITTED  
INTERSECTION SPACING  
DESIGN SPEED FOR VERTICAL CURVES  
ROADSIDE DITCH SECTION

**STAGECOACH ROAD**  
(90' ROW - RURAL MAJOR COLLECTOR)  
DESIGN SPEED 40 MPH



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NO.	REVISION	DATE

REVIEW:	DATE
PREPARED UNDER THE DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC	9/17/18
MARC A. WHORTON, COLORADO P.E. #37155	DATE

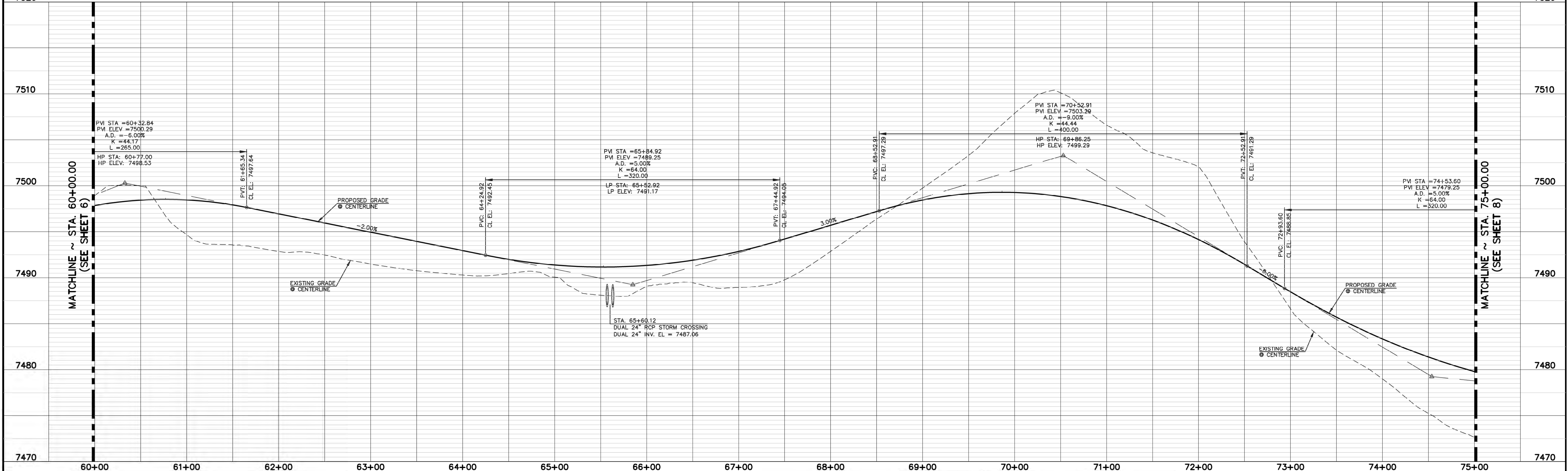
**CLASSIC**  
CONSULTING  
ENGINEERS & SURVEYORS


619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903

(719) 785-0790  
(719) 785-0799 (Fax)

FLYING HORSE NORTH FILING NO. 1			
STREET IMPROVEMENT PLAN			
STAGECOACH ROAD			
STA. 45+00.00 - STA. 60+00.00			
DESIGNED BY	PRA	SCALE	DATE 08-11-17
DRAWN BY	PRA	(H) 1" = 50'	SHEET 6 OF 45
CHECKED BY		(V) 1" = 5'	JOB NO. 1096.11

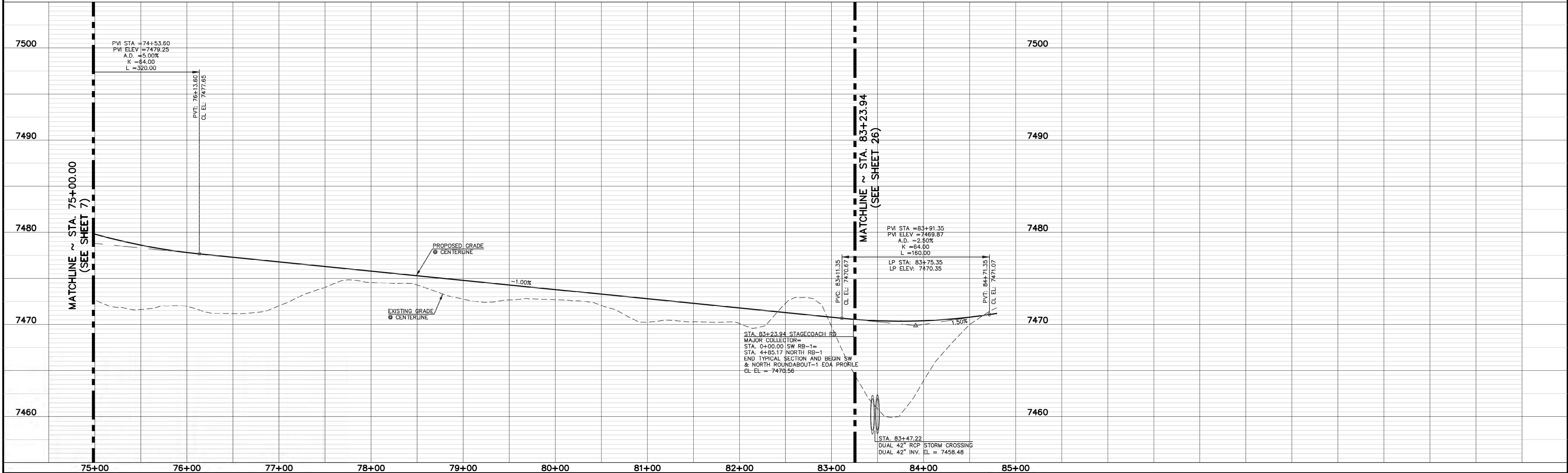
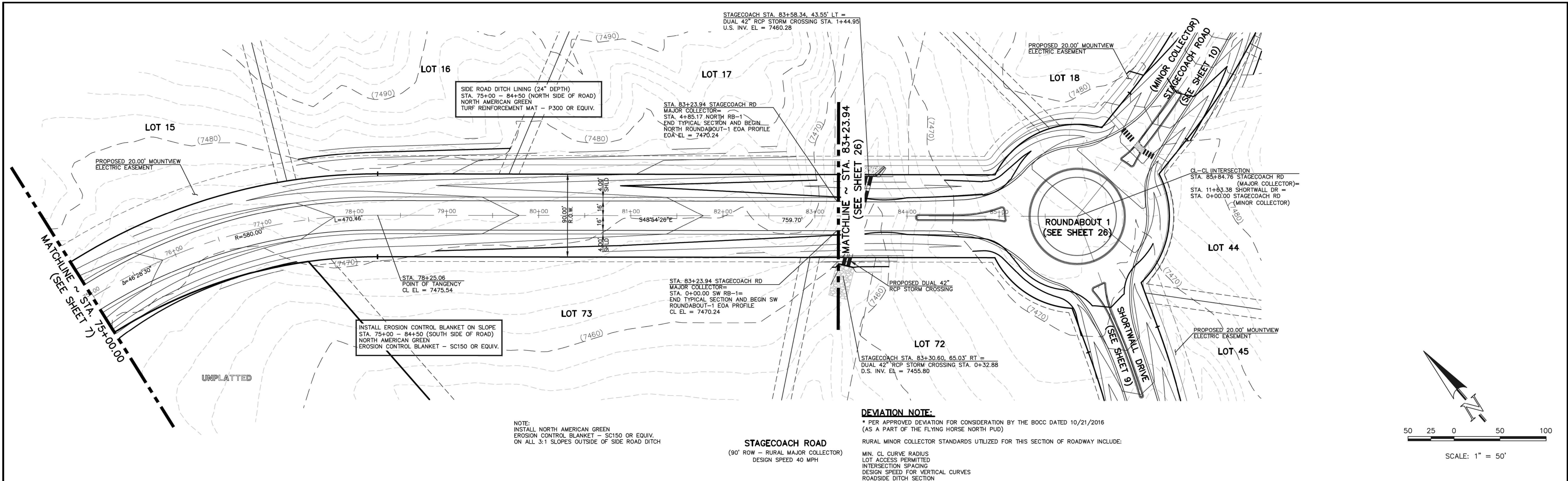




<b>FLYING HORSE NORTH FILING NO. 1</b> <b>STREET IMPROVEMENT PLAN</b> STAGECOACH ROAD STA. 60+00.00 – STA. 75+00.00				
DESIGNED BY	PRA	SCALE	DATE	
DRAWN BY	PRA	(H) 1" = 50'	SHEET 7 OF 45	
CHECKED BY	(V) 1" = 5'	JOB NO.	1096.11	



N:\190811\DRAWINGS\CONSTRUCTION\109611-51-08.dwg, 6/13/2018 3:55:58 PM, 1:1



48 HOURS BEFORE YOU DIG,  
CALL UTILITY LOCATORS  
**811**

UTILITY NOTIFICATION CENTER OF COLORADO  
IT'S THE LAW

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NO. REVISION

DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WHORON, COLORADO P.E. #37155

9/17/18  
DATE



619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903  
(719) 785-0790  
(719) 785-0799 (Fax)

FLYING HORSE NORTH FILING NO. 1

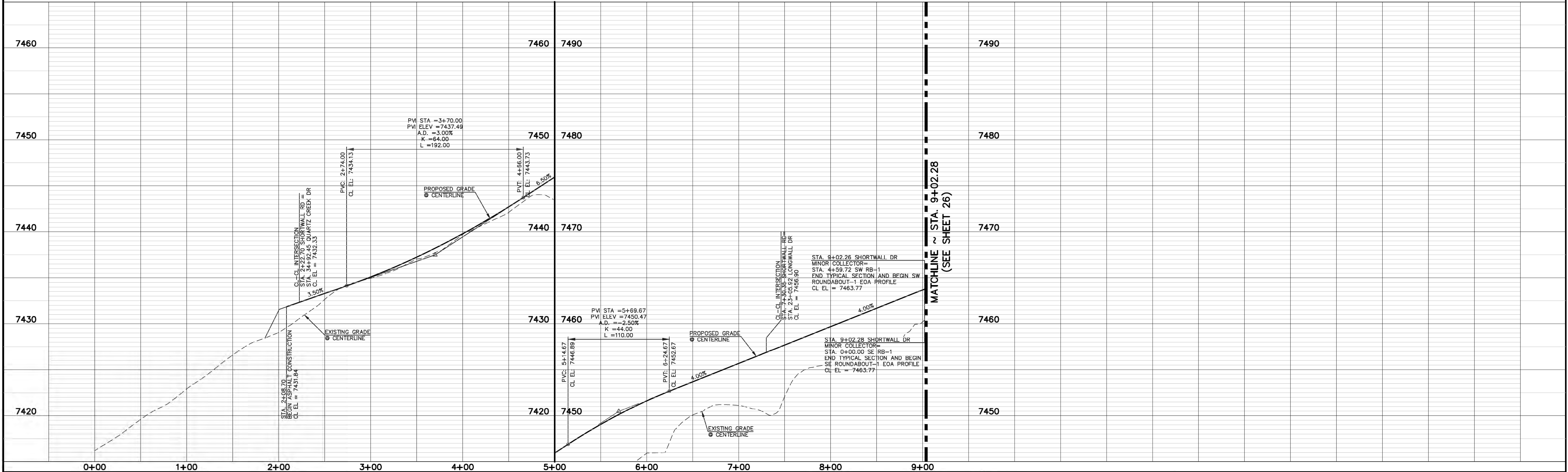
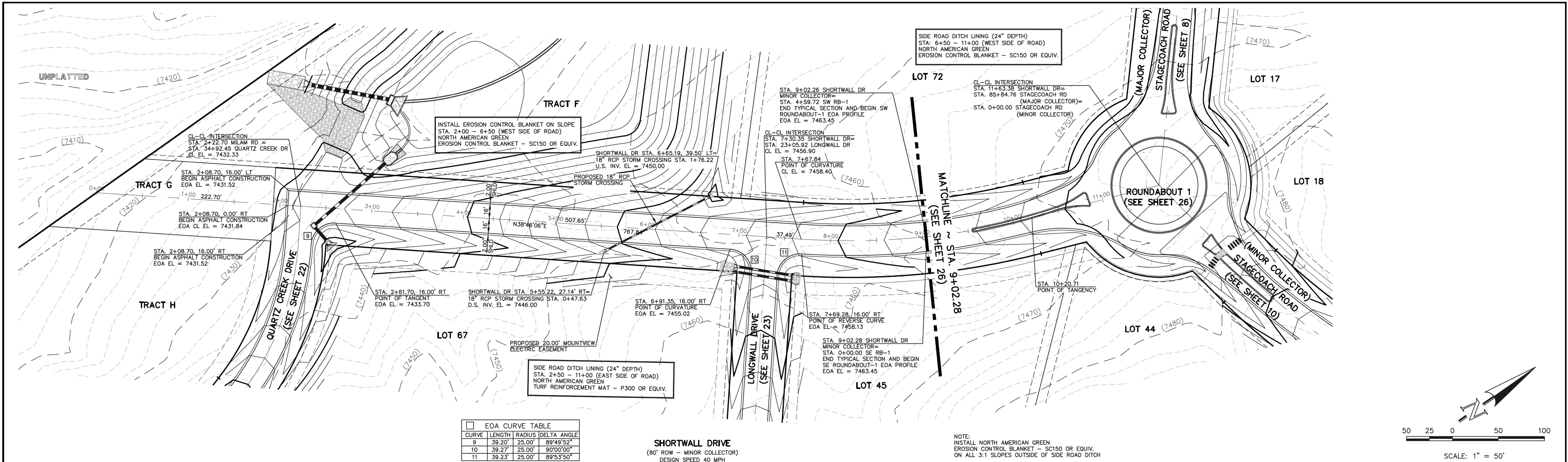
STREET IMPROVEMENT PLAN

STAGECOACH ROAD  
STA. 75+00.00 - STA. 83+23.94

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'	SHEET 8	OF 45
CHECKED BY		(V) 1"= 5'	JOB NO.	1096.11







48 HOURS BEFORE YOU DIG,  
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**811**  
UTILITY NOTIFICATION CENTER OF COLORADO  
IT'S THE LAW

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NO. REVISION  
1 REVISED INT. DESIGN WITH QUARTZ CREEK

DATE  
9-13-18

REVIEW:  
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WILSON, COLORADO P.E. #37155

9/17/18

**CLASSIC**  
CONSULTING  
ENGINEERS & SURVEYORS

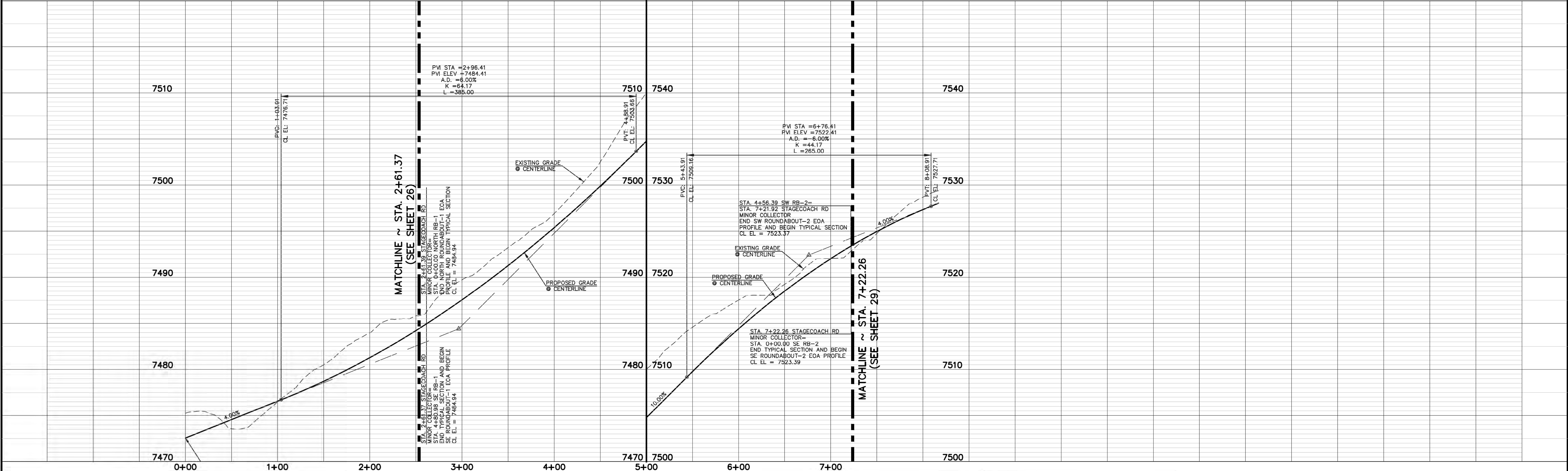
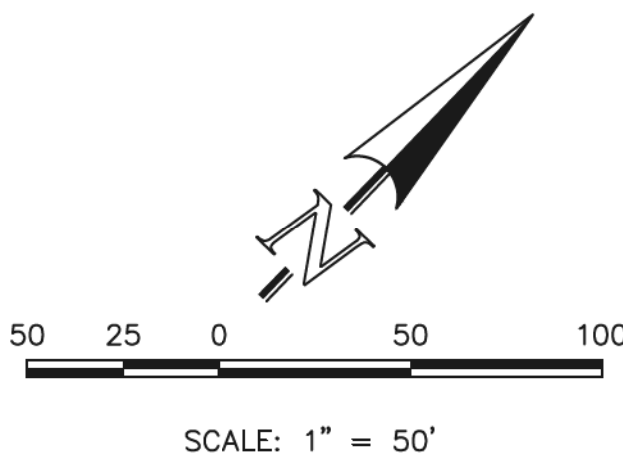
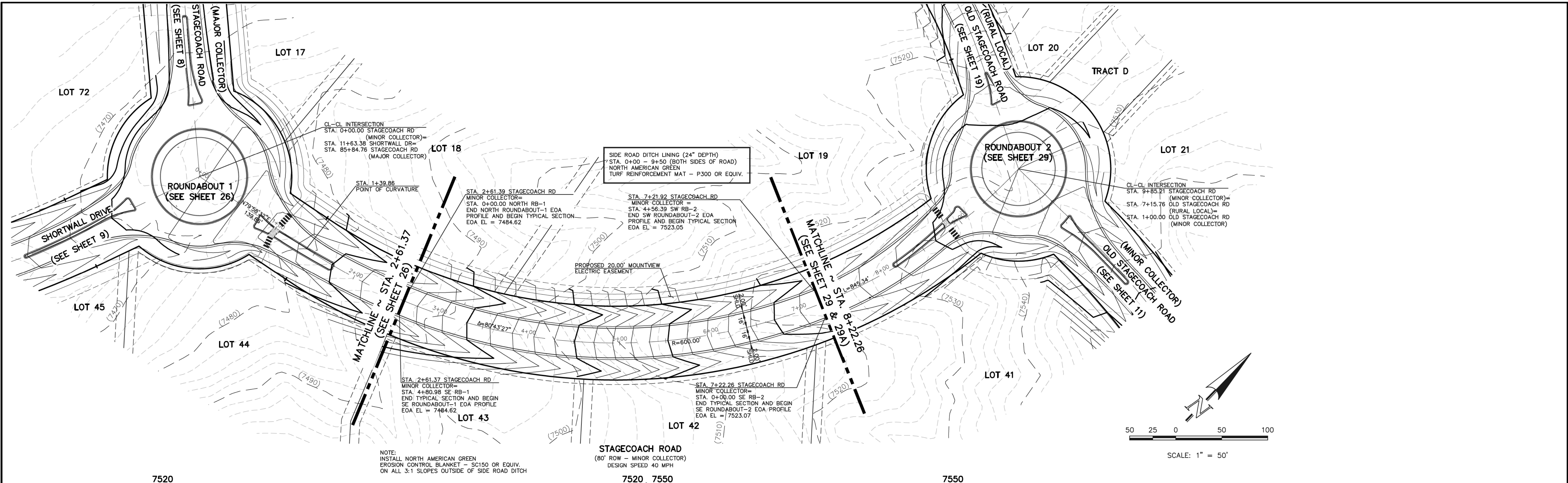
619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903  
(719) 785-0790  
(719) 785-0799 (Fax)

FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN  
SHORTWALL DRIVE

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'	SHEET	9 OF 45
CHECKED BY		(V) 1"= 5'	JOB NO.	1096.11

**CLASSIC**  
ENGINEERS & SURVEYORS

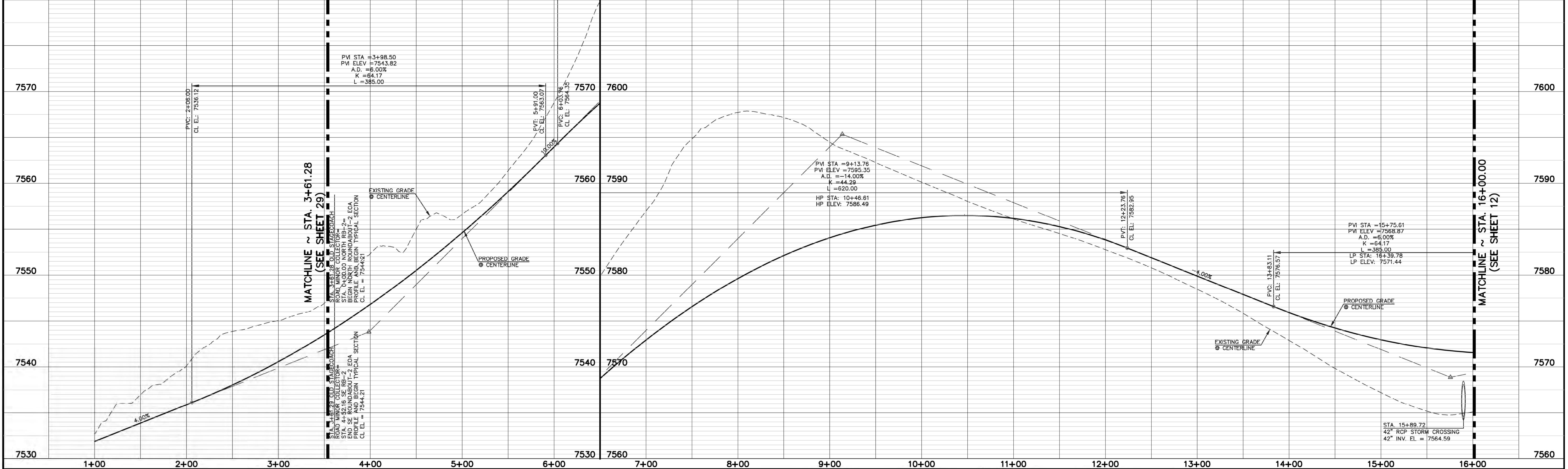
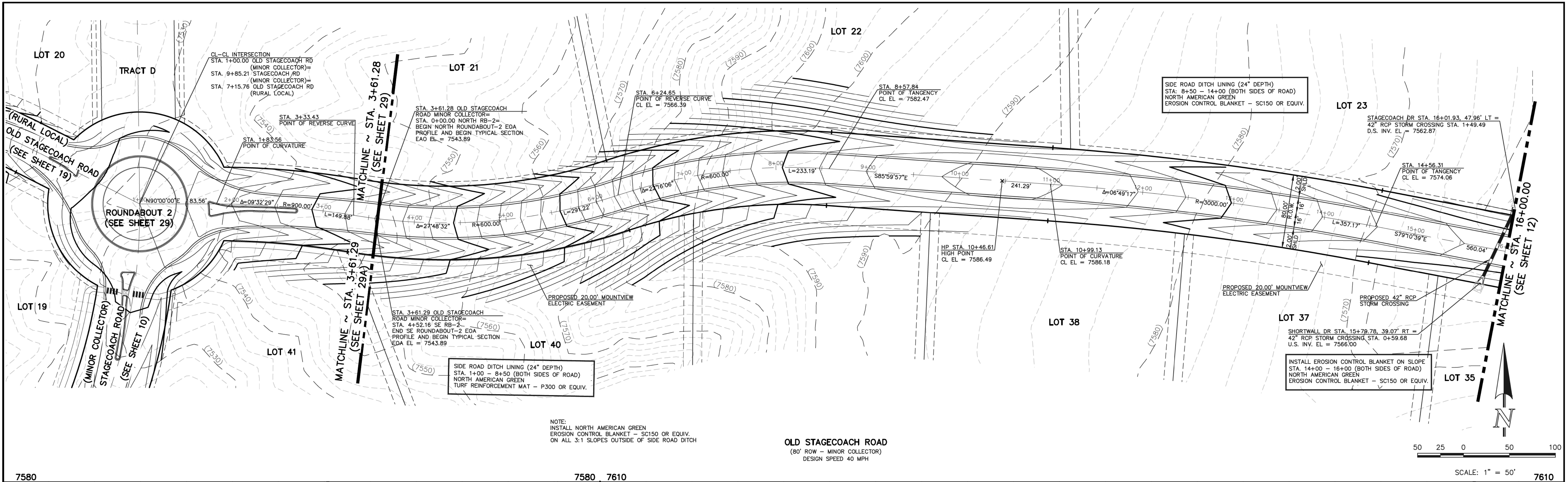




<b>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811</b> UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.		<b>NO. REVISION</b> <table border="1"><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table>										<b>DATE</b> <table border="1"><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table>										<b>REVIEW:</b> PREPARED UNDER THE DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC  MARC A. WHORTON, COLORADO P.E. #37155 9/17/18		 <b>CLASSIC</b> CONSULTING ENGINEERS & SURVEYORS 619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903 (719)785-0790 (719)785-0799 (Fax)		<b>FLYING HORSE NORTH FILING NO. 1 STREET IMPROVEMENT PLAN</b> STAGECOACH ROAD - MINOR COLLECTOR STA. 2+61.37 - STA. 7+22.26 <table border="1"><tr><td>DESIGNED BY</td><td>PRA</td><td>SCALE</td><td>DATE</td><td>08-11-17</td></tr><tr><td>DRAWN BY</td><td>PRA</td><td>(H) 1"= 50'</td><td>SHEET</td><td>10 OF 45</td></tr><tr><td>CHECKED BY</td><td> </td><td>(V) 1"= 5'</td><td>JOB NO.</td><td>1096.11</td></tr></table>		DESIGNED BY	PRA	SCALE	DATE	08-11-17	DRAWN BY	PRA	(H) 1"= 50'	SHEET	10 OF 45	CHECKED BY		(V) 1"= 5'	JOB NO.	1096.11
DESIGNED BY	PRA	SCALE	DATE	08-11-17																																						
DRAWN BY	PRA	(H) 1"= 50'	SHEET	10 OF 45																																						
CHECKED BY		(V) 1"= 5'	JOB NO.	1096.11																																						

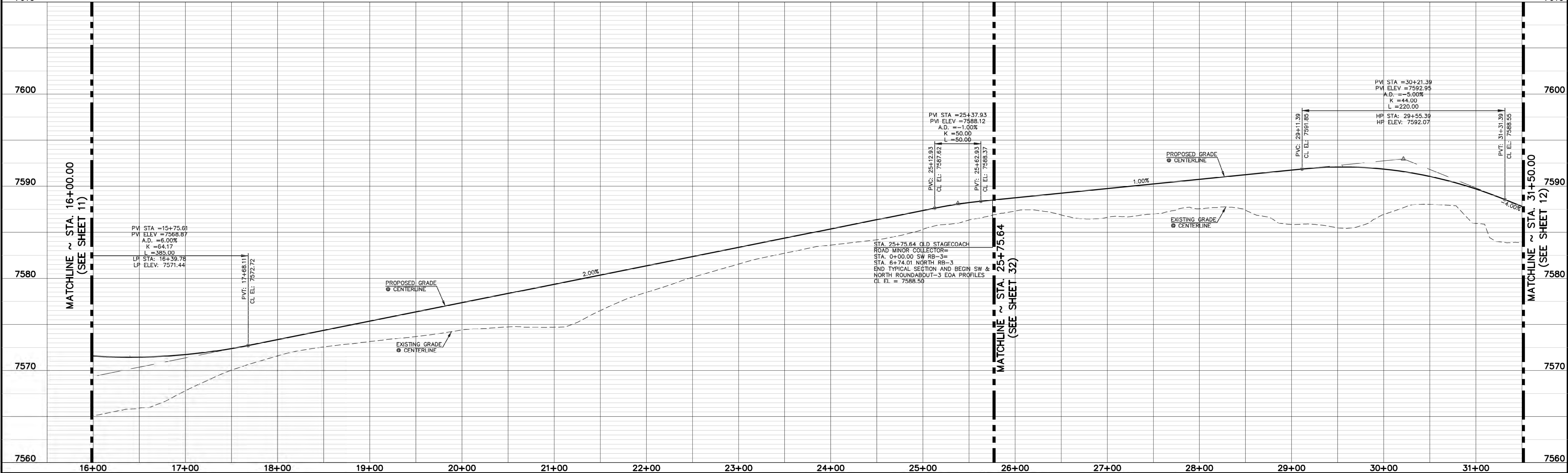
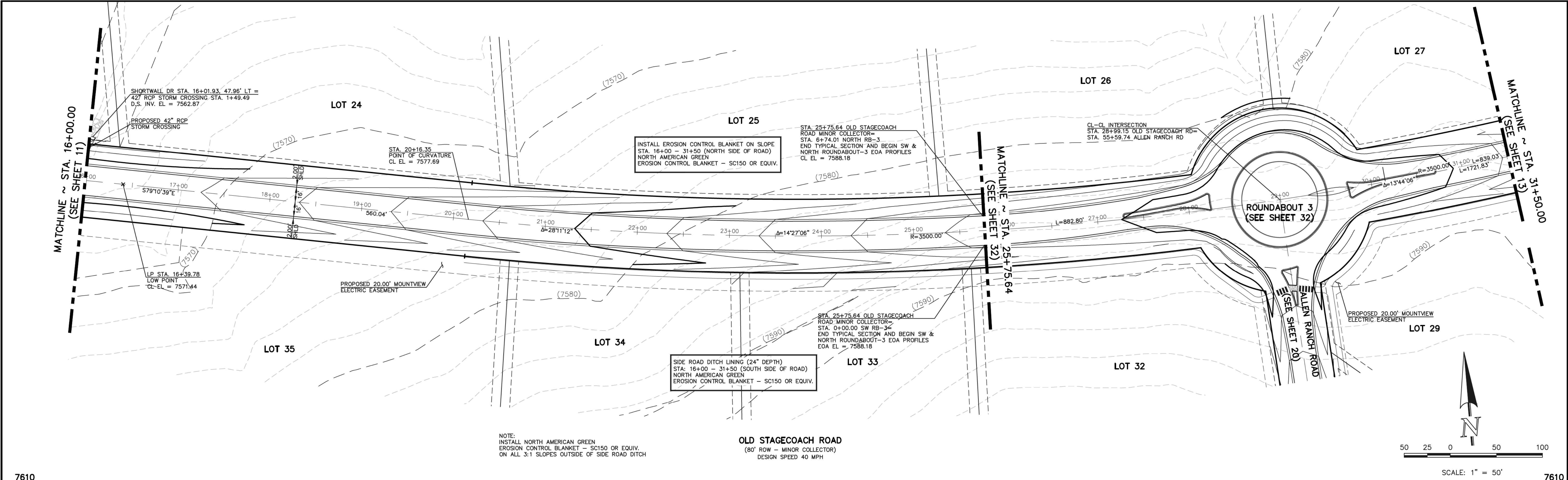


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<b>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS 811</b> UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW		NO. REVISION		DATE	
THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.					
		REVIEW:		DATE	
		PREPARED UNDER DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC		9/17/18	
		MARC A. WHORTON, COLORADO P.E. #37155		DATE	
		<b>CLASSIC</b> CONSULTING ENGINEERS & SURVEYORS		619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903 (719)785-0790 (719)785-0799(Fax)	
		FLYING HORSE NORTH FILING NO. 1 STREET IMPROVEMENT PLAN OLD STAGECOACH ROAD - MINOR COLLECTOR STA. 3+55.28 - STA. 16+00.00		DESIGNED BY: PRA SCALE: (H) 1" = 50' (V) 1" = 5' DATE: 08-11-17 DRAWN BY: PRA SHEET 11 OF 45 CHECKED BY: JOB NO. 1096.11	

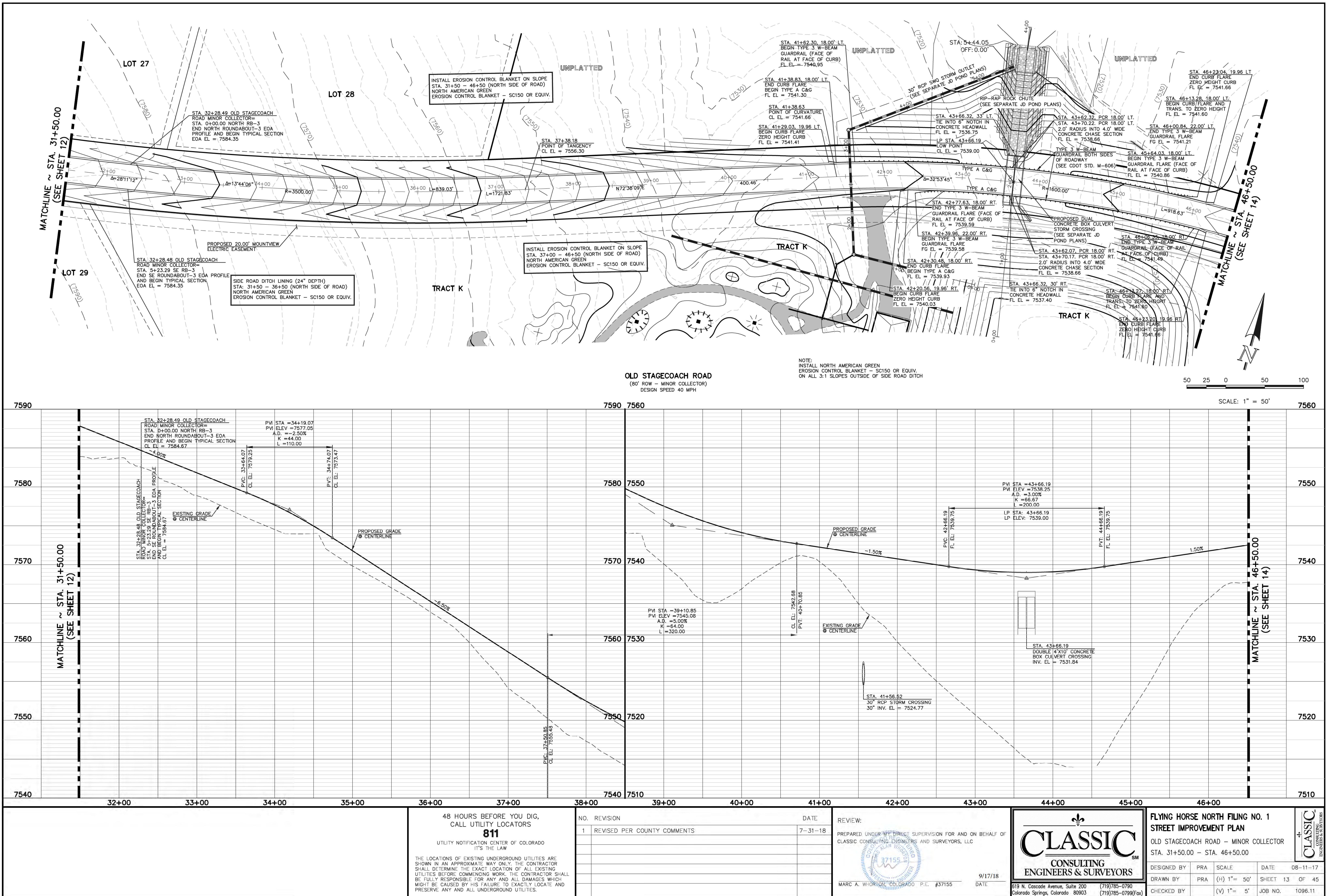




<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS <b>811</b> UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>		<p>NO. REVISION</p> <table border="1"><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table> <p>DATE</p>																						<p>REVIEW:</p> <p>PREPARED UNDER DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p>9/17/18</p> <p>DATE</p>		<p>FLYING HORSE NORTH FILING NO. 1 STREET IMPROVEMENT PLAN OLD STAGECOACH ROAD - MINOR COLLECTOR STA. 16+00.00 - STA. 31+50.00</p> <table border="1"><tr><td>DESIGNED BY</td><td>PRA</td><td>SCALE</td><td>DATE</td><td>08-11-17</td></tr><tr><td>DRAWN BY</td><td>PRA</td><td>(H) 1"= 50'</td><td>SHEET</td><td>12 OF 45</td></tr><tr><td>CHECKED BY</td><td>(V) 1"= 5'</td><td>JOB NO.</td><td colspan="2">1096.11</td></tr></table>		DESIGNED BY	PRA	SCALE	DATE	08-11-17	DRAWN BY	PRA	(H) 1"= 50'	SHEET	12 OF 45	CHECKED BY	(V) 1"= 5'	JOB NO.	1096.11		<p><b>CLASSIC</b> CONSULTING ENGINEERS &amp; SURVEYORS</p> <p>619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903</p> <p>(719)785-0790 (719)785-0799(Fax)</p>	
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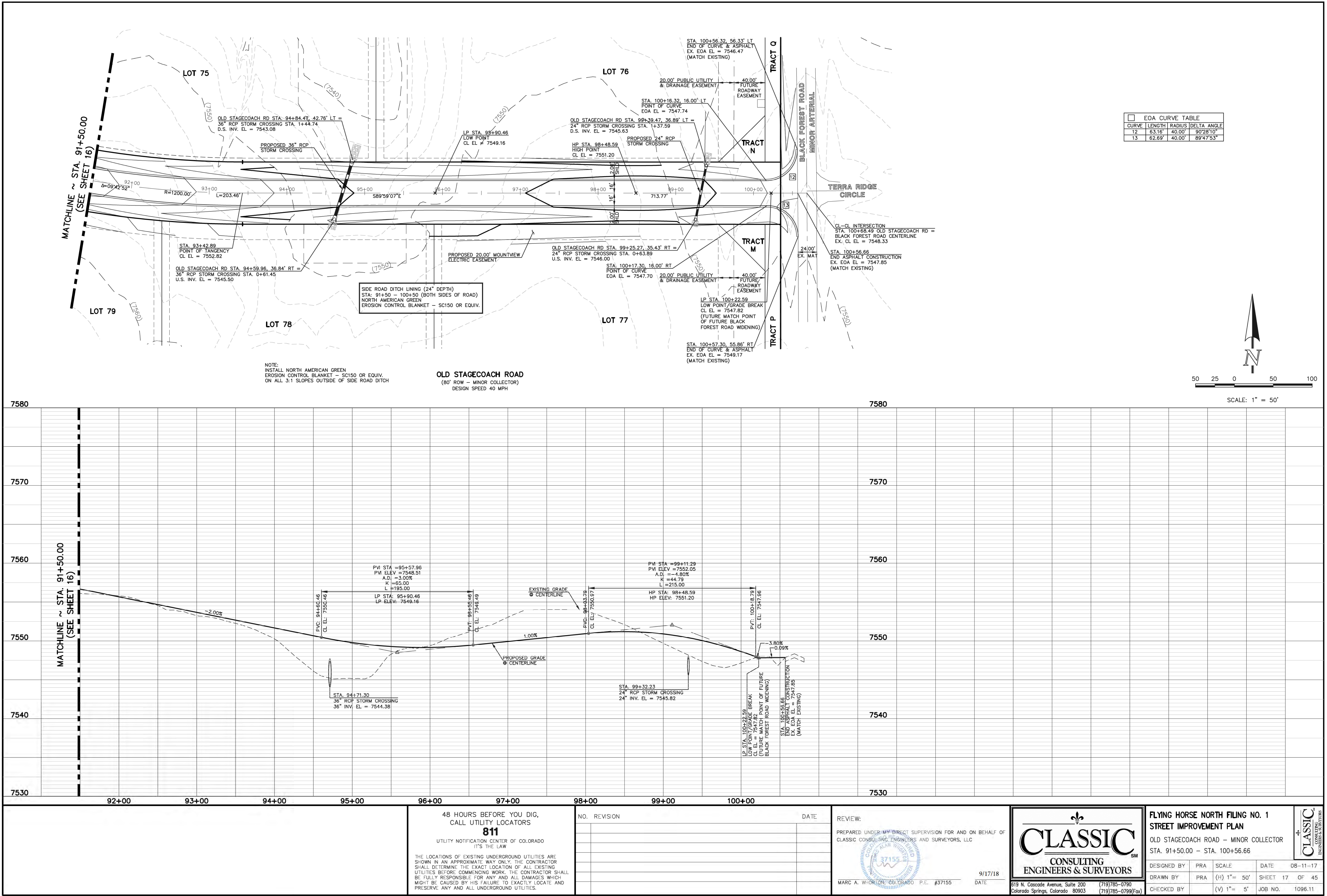








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EOA CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	ANGLE
5	37.40'	25.00'	85°43'27"	
6	41.45'	25.00'	95°00'03"	
14	43.81'	50.00'	50°12'29"	
15	244.71'	50.00'	280°24'59"	
16	43.81'	50.00'	50°12'29"	



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REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC



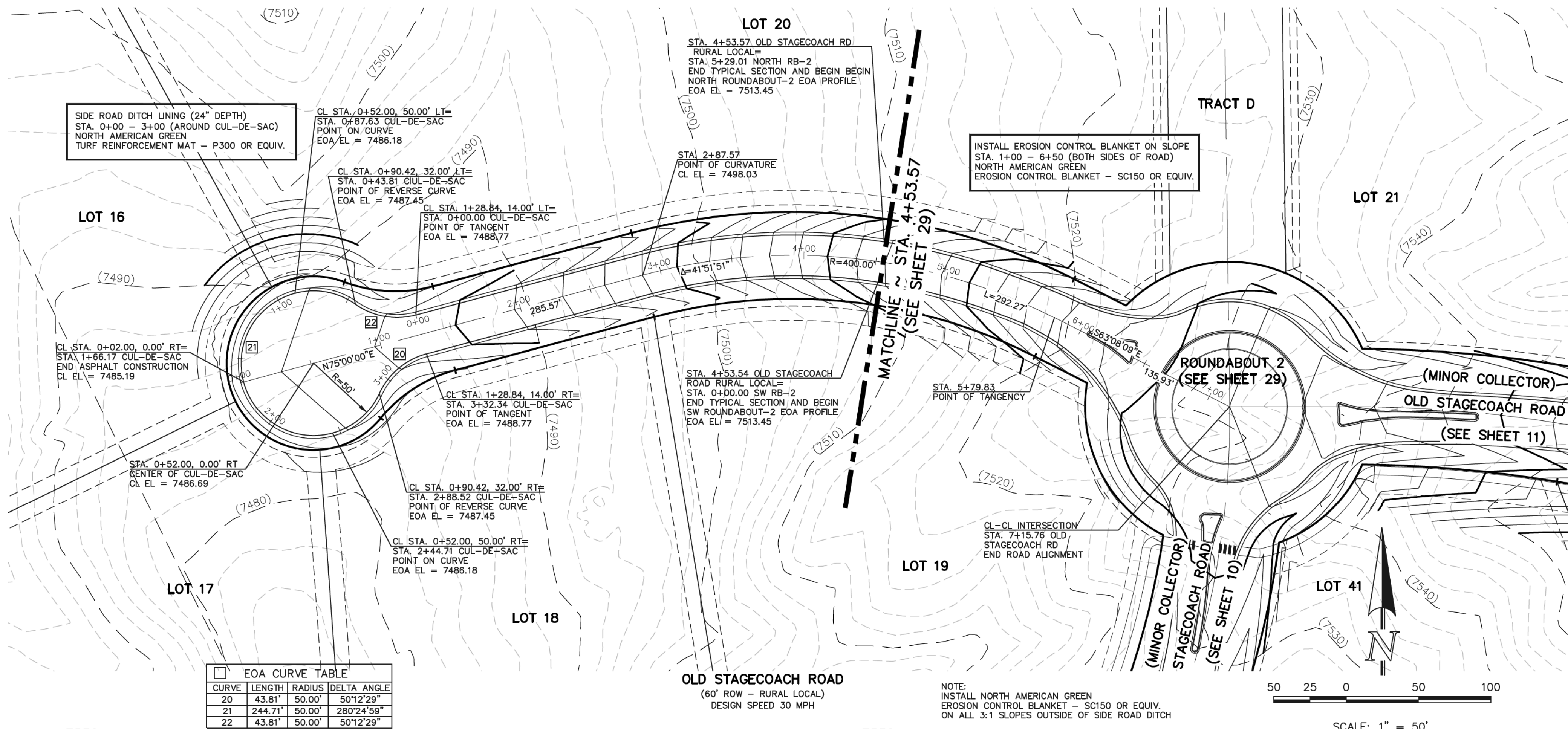
MARC A. WHITTON, COLORADO P.E. #37155

DATE 9/17/11

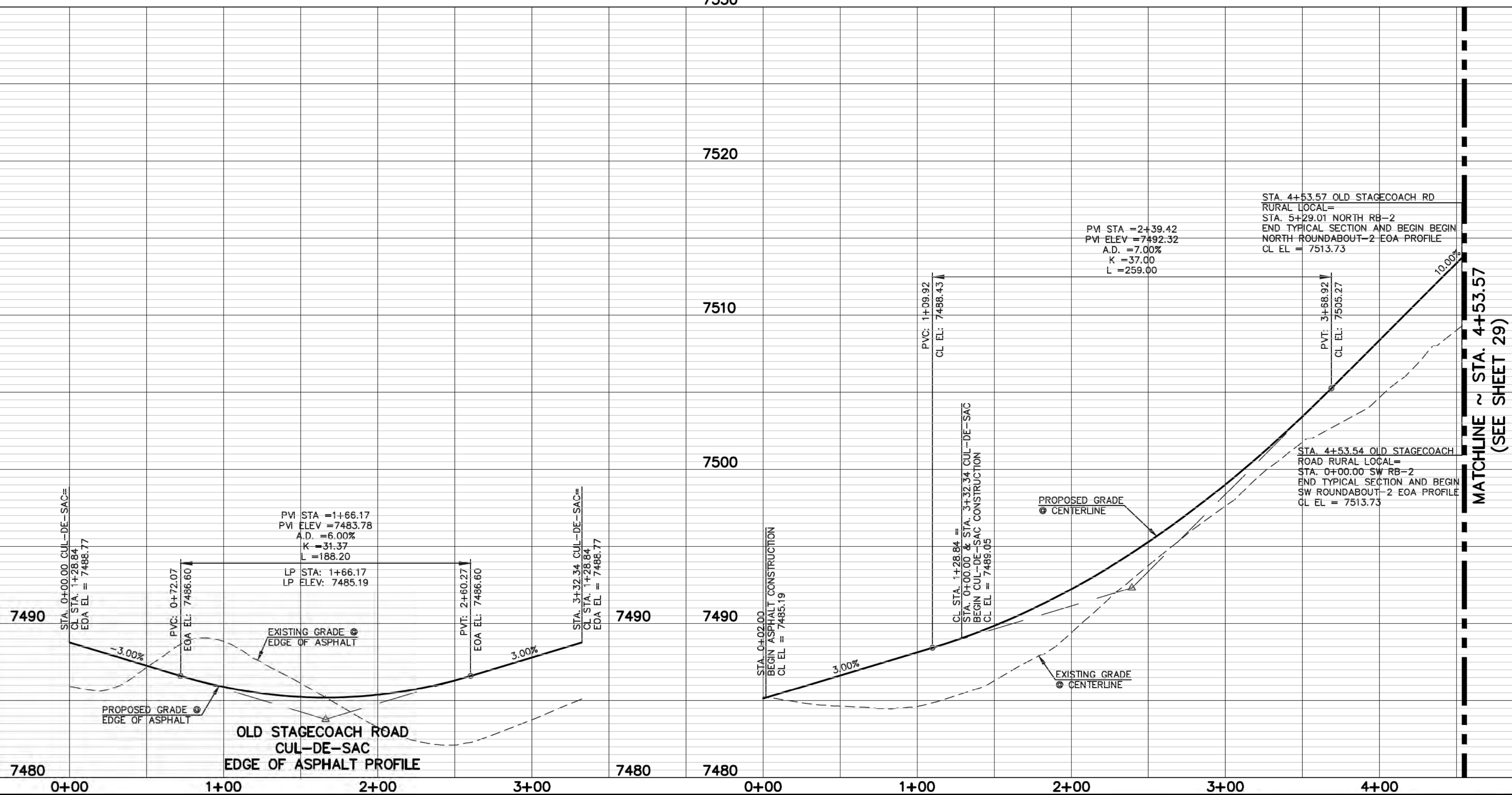
<b>FLYING HORSE NORTH FILING NO. 1 STREET IMPROVEMENT PLAN</b>				
BILLINGS CT (STA. 0+00.00 – STA. 7+79.43)				
DESIGNED BY	PRA	SCALE	DATE 08-11-17	
DRAWN BY	PRA	(H) 1"= 50'	SHEET 18 OF 45	
CHECKED BY	(V) 1"= 5'	JOB NO.	1096.11	



N:\19081\DRAWINGS\CONSTRUCTION\109611-51-19.dwg, 9/14/2018 4:14:49 PM, 1:1



EOA CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA ANGLE	
20	43.81'	50.00'	50°12'29"	
21	244.71'	50.00'	280°24'59"	
22	43.81'	50.00'	50°12'29"	



48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS <b>811</b> UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW	NO. REVISION	DATE
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MARC A. WHITTON/COLORADO P.E. #37155	9/17/18

**CLASSIC**  
CONSULTING  
ENGINEERS & SURVEYORS

619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903

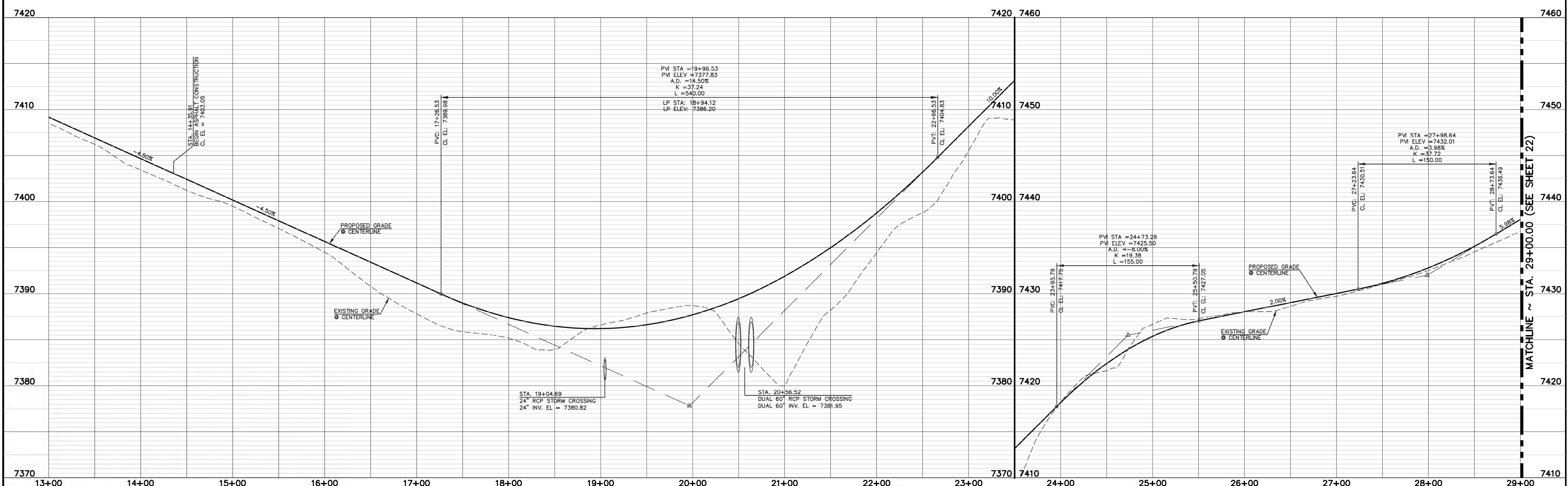
(719) 785-0790  
(719) 785-0799 (Fax)



FLYING HORSE NORTH FILING NO. 1 STREET IMPROVEMENT PLAN OLD STAGECOACH ROAD - RURAL LOCAL			
DESIGNED BY	PRA	SCALE	DATE 08-11-17
DRAWN BY	PRA	(H) 1" = 50'	SHEET 19 OF 45
CHECKED BY	(V) 1" = 5'	JOB NO.	1096.11








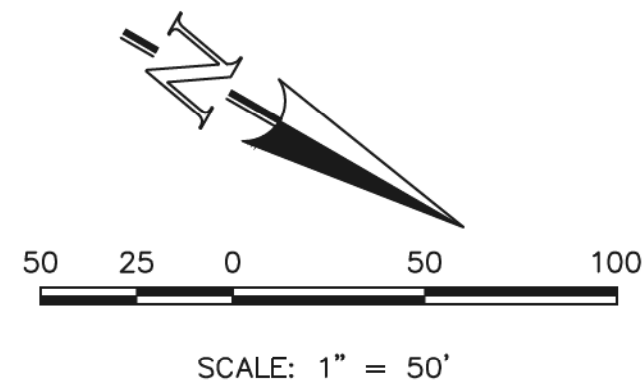
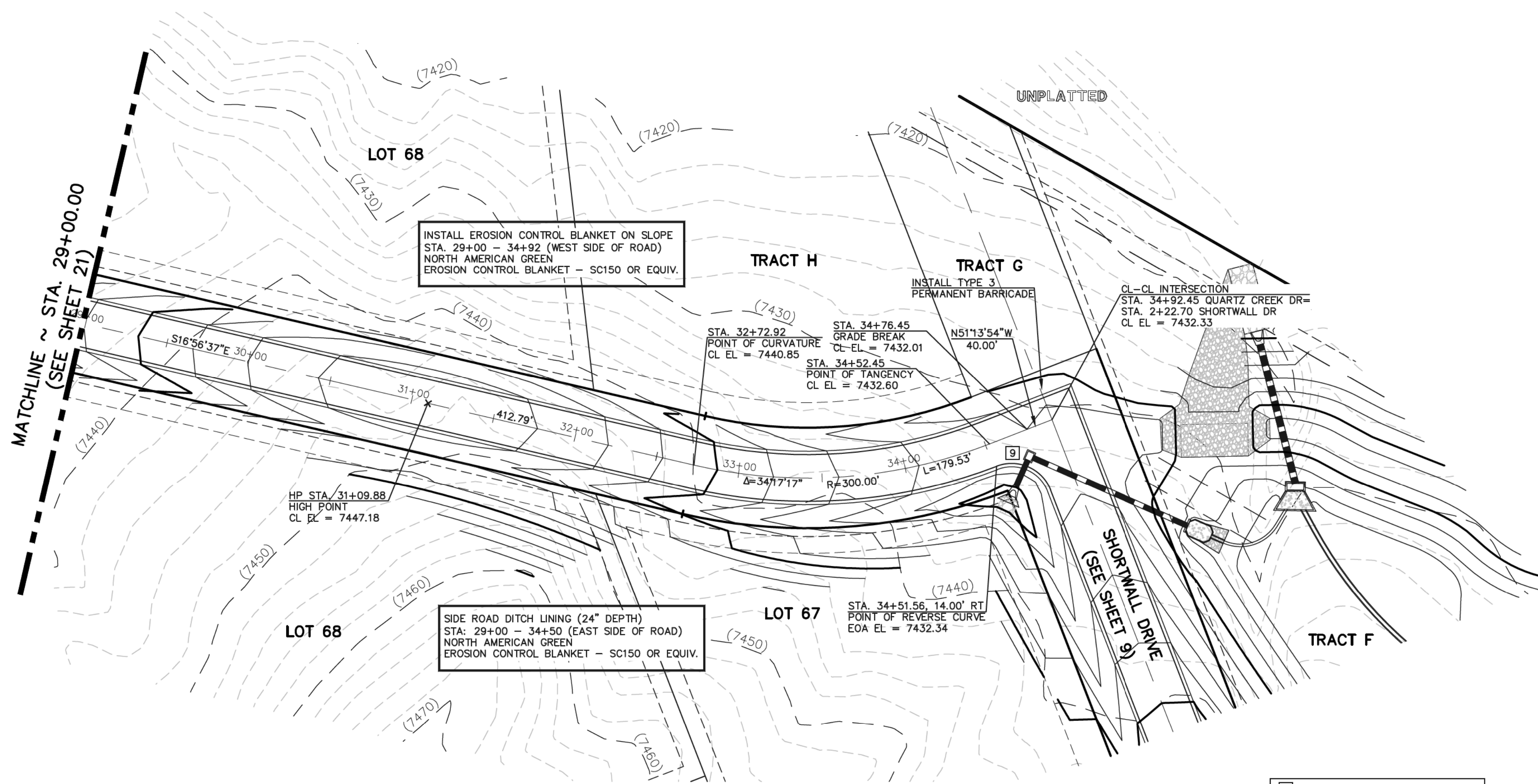


<div>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS</div> <div>811</div> <div>UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</div> <div>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</div>	NO. REVISION	DATE	REVIEW:	<div></div> <div>9/17/18</div> <div>MARC A. WHORTON, COLORADO P.E. #37155</div> <div>DATE</div>	<div></div> <div>619 N. Cascade Avenue, Suite 200 (719)785-0790 Colorado Springs, Colorado 80903 (719)785-0790(Fax)</div>	FLYING HORSE NORTH FILING NO. 1
						STREET IMPROVEMENT PLAN
						QUARTZ CREEK DRIVE
						(STA. 14+35.91 - STA. 29+00.00)

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'	SHEET 21 OF 45	
CHECKED BY	(V) 1"= 5'	JOB NO.	1096.11	







7460

7450

7440

7430

7420

7410

MATCHLINE ~ STA. 29+00.00  
(SEE SHEET 21)

29+00

30+00

31+00

32+00

33+00

34+00

7460

7450

7440

7430

7420

7410

PVI STA = 31+10.10  
PVI ELEV = 7450.62  
A.D. = -11.98%  
K = 19.20  
L = 230.00

HP STA = 31+09.88  
HP ELEV = 7447.18

PVC: 29+95.10  
CL ELEV = 7443.75

PVI: 32+25.10  
CL ELEV = 7443.72

PVI STA = 33+44.56  
PVI ELEV = 7438.56  
A.D. = 2.00%  
K = 37.50  
L = 75.00

PVI: 32+82.08  
CL ELEV = 7435.08  
PVC: 34+00.00  
FL ELEV = 7434.34

PVI STA = 34+30.00  
PVI ELEV = 7433.14  
A.D. = 1.57%  
K = 38.18  
L = 60.00

CL-CL INTERSECTION  
STA. 34+92.45 QUARTZ CREEK DR =  
STA. 2+22.70 SHORTWALL DR  
CL ELEV = 7432.33

STA. 34+76.45  
GRADE BREAK  
CL ELEV = 7432.01

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NO. REVISION

DATE

1 REVISED INT. DESIGN WITH SHORTWALL

9-13-18

REVIEW:

PREPARED UNDER DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WHORTON, COLORADO P.E. #37155

9/17/18

DATE



619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903

(719) 785-0790  
(719) 785-0799 (Fax)

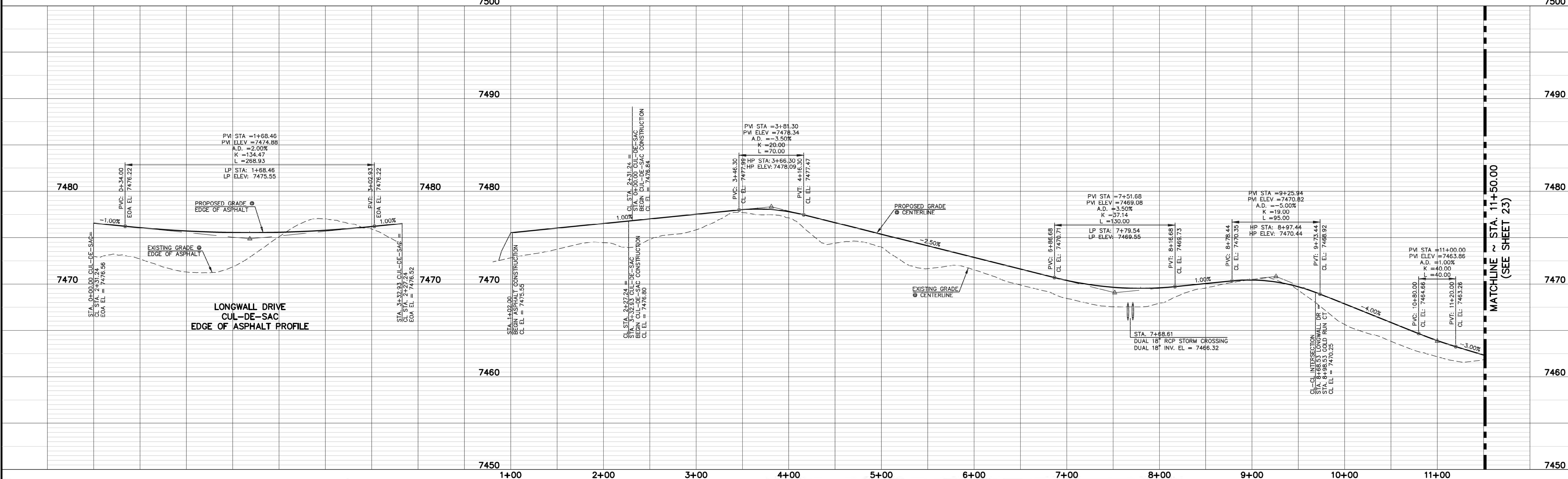
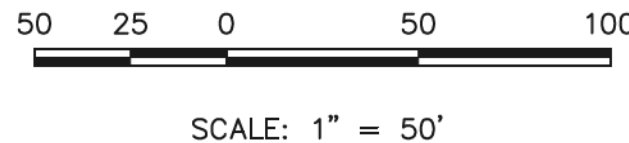
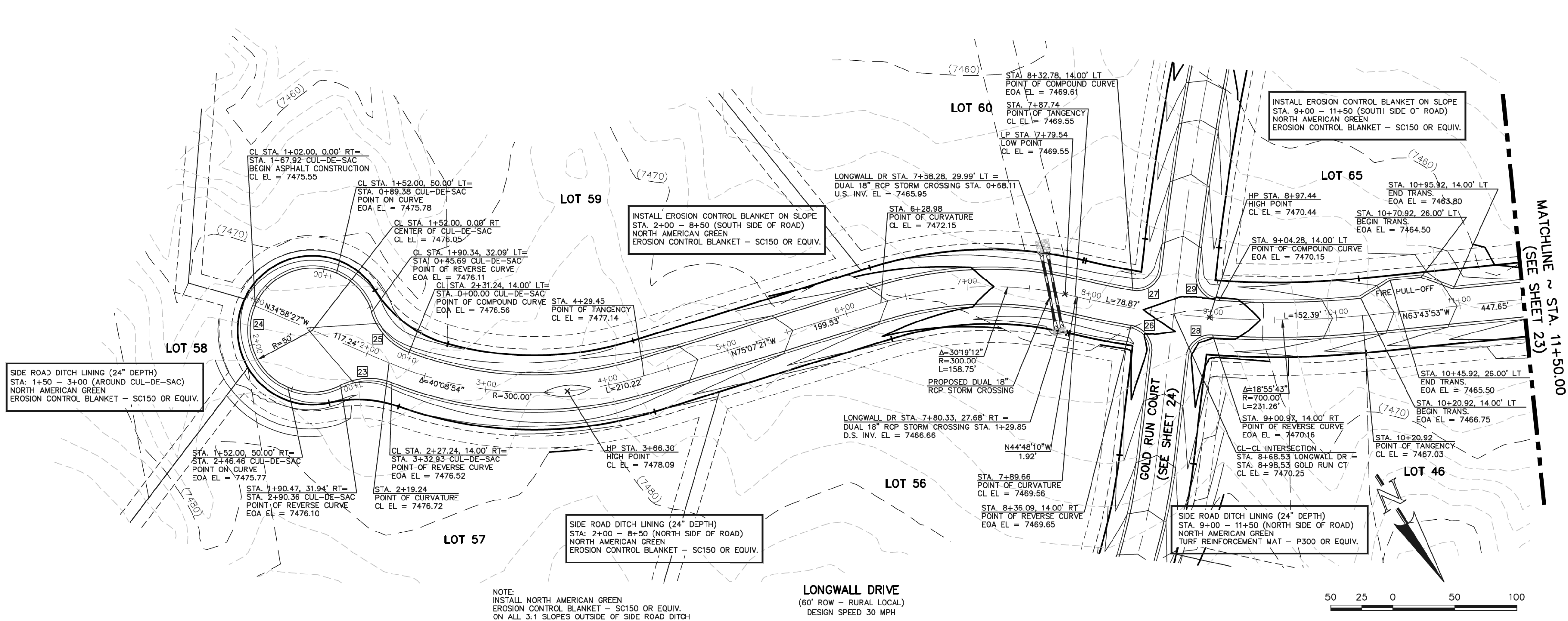
FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN  
QUARTZ CREEK DRIVE  
(STA. 29+00.00-STA. 34+92.45)

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1" = 50'	SHEET	22 OF 45
CHECKED BY		(V) 1" = 5'	JOB NO.	1096.11





EOA CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA ANGLE
23	42.57'	50.00'	48°46'35"
24	244.67'	50.00'	280°22'18"
25	45.69'	50.00'	52°21'37"
26	30.49'	20.00'	87°20'42"
27	32.44'	20.00'	92°55'35"
28	30.49'	20.00'	87°20'42"
29	32.44'	20.00'	92°55'35"



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NO.	REVISION	DATE
1	REVISED PER FIRE DISTRICT REQUEST	5-10-18

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WHORTON, COLORADO P.E. #37155

9/17/18

**CLASSIC**  
CONSULTING  
ENGINEERS & SURVEYORS

619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903

(719)785-0790  
(719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN  
LONGWALL DRIVE  
(STA. 1+02.00 - STA. 11+50.00)

DESIGNED BY	PRA	SCALE	DATE
			08-11-17

DRAWN BY	PRA	(H) 1"= 50'	SHEET 22A OF 45

CHECKED BY	(V) 1"= 5'	JOB NO.	1096.11







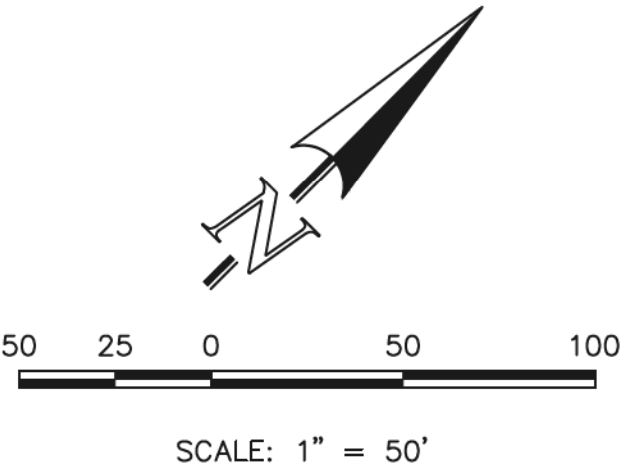
SIDE ROAD DITCH LINING (24" DEPTH)  
STA: 0+00 - 3+00 (AROUND CUL-DE-SAC)  
NORTH AMERICAN GREEN  
EROSION CONTROL BLANKET - SC150 OR EQUIV.

SIDE ROAD DITCH LINING (24" DEPTH)  
STA: 2+00 - 7+00 (BOTH SIDES OF ROAD)  
NORTH AMERICAN GREEN  
TURF REINFORCEMENT MAT - P300 OR EQUIV.

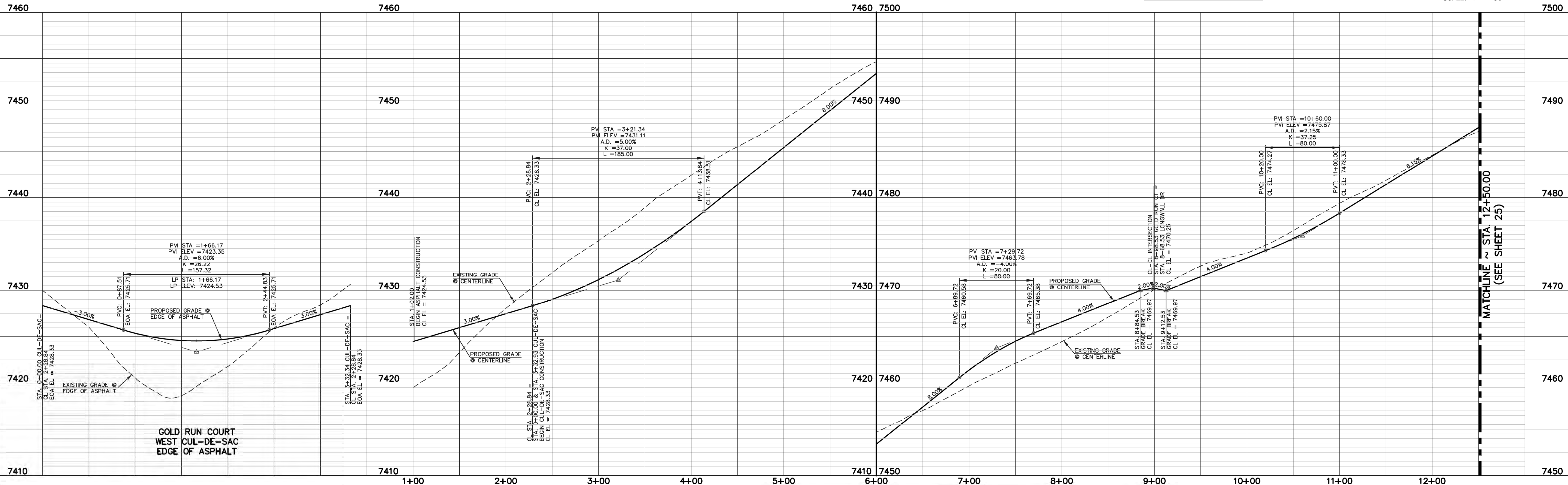
INSTALL EROSION CONTROL BLANKET ON SLOPE  
STA: 7+00 - 8+65 (BOTH SIDES OF ROAD)  
NORTH AMERICAN GREEN  
EROSION CONTROL BLANKET - SC150 OR EQUIV.

SIDE ROAD DITCH LINING (24" DEPTH)  
STA: 9+30 - 12+50 (BOTH SIDES OF ROAD)  
NORTH AMERICAN GREEN  
TURF REINFORCEMENT MAT - P300 OR EQUIV.

EOA CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA ANGLE
26	30.49'	20.00'	87°20'42"
27	32.44'	20.00'	92°55'35"
28	30.49'	20.00'	87°20'42"
29	32.44'	20.00'	92°55'35"
30	43.81'	50.00'	50°12'29"
31	244.71'	50.00'	280°24'59"
32	43.81'	50.00'	50°12'29"

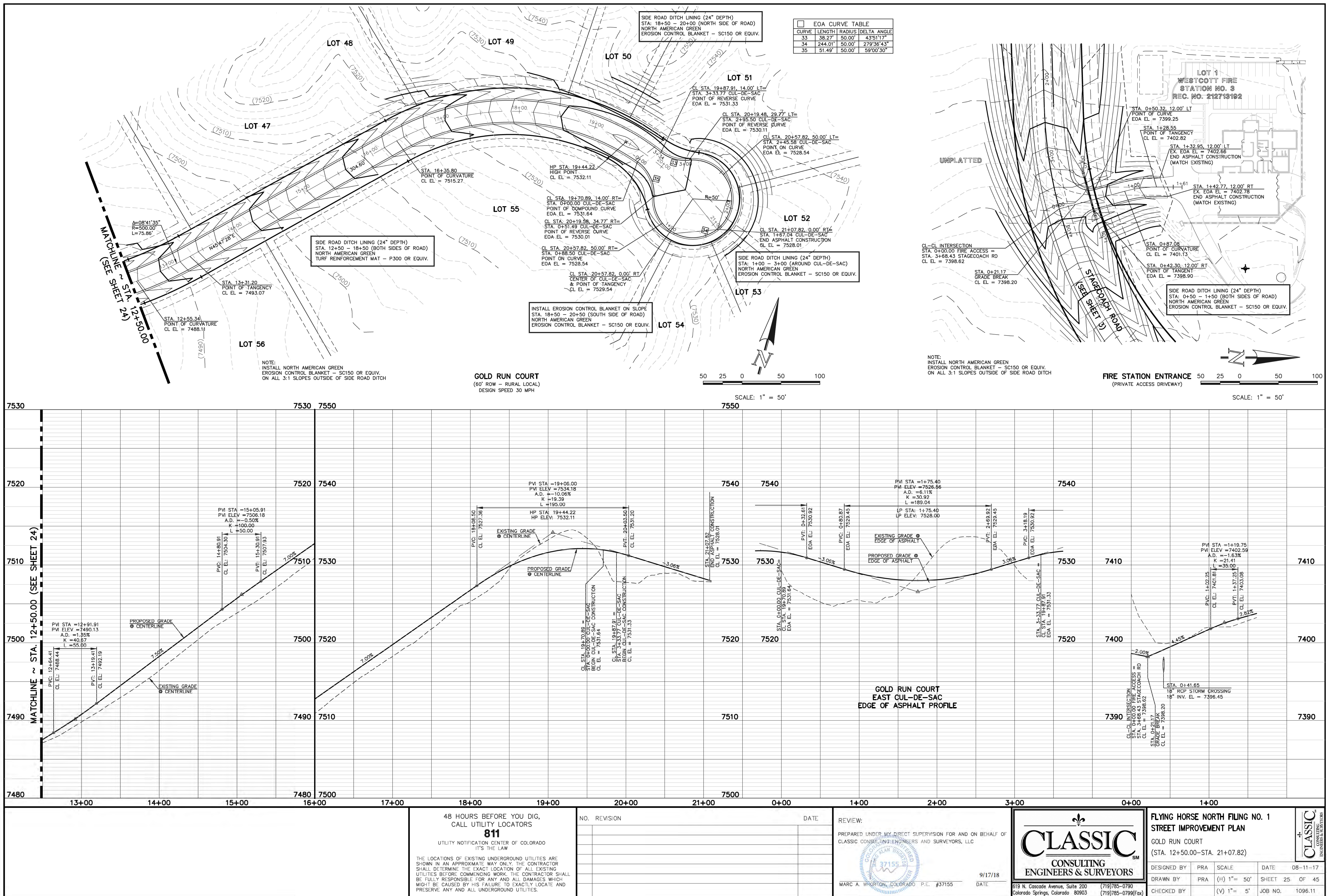


GOLD RUN COURT  
(60' ROW - RURAL LOCAL)  
DESIGN SPEED 30 MPH



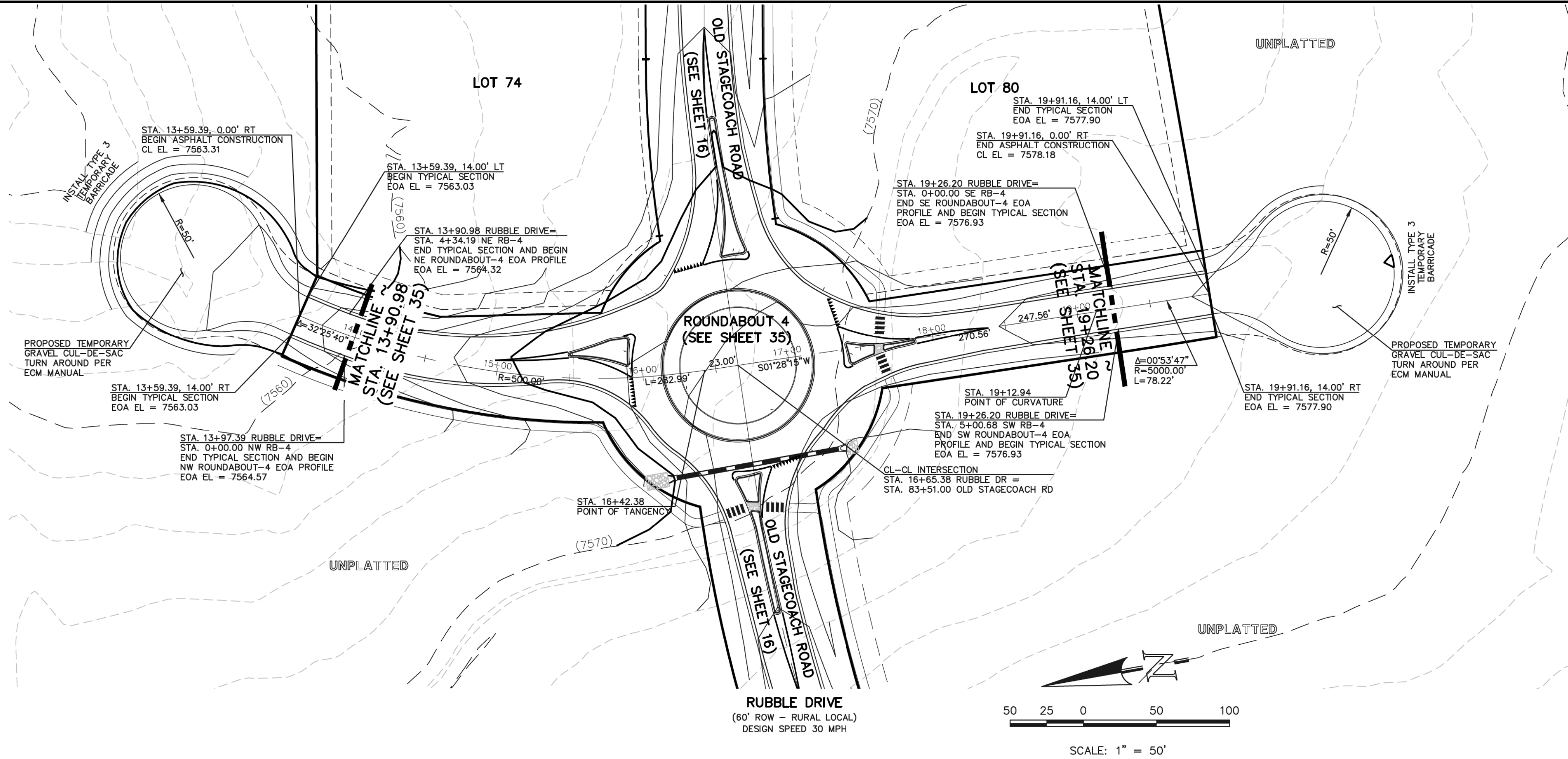
<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS <b>811</b> UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>	<table><tr><th>NO.</th><th>REVISION</th><th>DATE</th></tr><tr><td>1</td><td>REVISED PER DEVIATION COMMENTS</td><td>5-9-18</td></tr></table>	NO.	REVISION	DATE	1	REVISED PER DEVIATION COMMENTS	5-9-18	<p>REVIEW:</p> <p>PREPARED UNDER DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p>9/17/18</p> <p>DATE</p>	<p>FLYING HORSE NORTH FILING NO. 1 STREET IMPROVEMENT PLAN GOLD RUN COURT (STA. 1+02.00-STA. 12+50.00)</p> <p>DESIGNED BY: PRA DRAWN BY: PRA CHECKED BY:</p> <p>SCALE: (H) 1" = 50' (V) 1" = 5'</p> <p>DATE: 08-11-17 SHEET 24 OF 45 JOB NO.: 1096.11</p>	<p>CLASSIC CONSULTING ENGINEERS &amp; SURVEYORS</p> <p>619 N. Cascade Avenue, Suite 200 Colorado Springs, Colorado 80903</p> <p>(719) 785-0790 (719) 785-0799 (Fax)</p>
NO.	REVISION	DATE								
1	REVISED PER DEVIATION COMMENTS	5-9-18								







N:\19081\DRAWINGS\CONSTRUCTION\109611-51-25-R.dwg, 9/14/2018 8:12:02 AM, 1:1



7590

7580

7570

7560

7550

STA. 13+90.98 RUBBLE DRIVE=  
STA. 4+34.19 SW RB-4  
END TYPICAL SECTION AND BEGIN  
NE ROUNDABOUT-4 EOA PROFILE  
CL EL = 7564.60

PVI STA = 13+39.77  
PVI ELEV = 7562.55  
A.D. = -3.00%  
K = 20.00  
L = 60.00

PVC: 13+09.77  
CL EL: 7560.45

PVT: 13+69.77  
CL EL: 7563.75

STA. 13+59.39  
BEGIN ASPHALT  
CONSTRUCTION  
CL EL = 7563.31

STA. 13+97.39 RUBBLE DRIVE=  
STA. 0+00.00 NW RB-4  
END TYPICAL SECTION AND BEGIN  
NW ROUNDABOUT-4 EOA PROFILE  
CL EL = 7564.85

MATCHLINE ~ STA. 13+90.98  
(SEE SHEET 35)

PVI STA = 15+19.23  
PVI ELEV = 7569.73  
A.D. = -2.00%  
K = 20.00  
L = 40.00

PVC: 14+99.23  
CL EL: 7568.93

PVT: 15+39.23  
CL EL: 7570.13

ROUNDABOUT 4  
(SEE SHEET 35)

PVI STA = 17+94.21  
PVI ELEV = 7575.23  
A.D. = -0.50%  
K = 60.00  
L = 30.00

PVC: 17+79.21  
CL EL: 7574.53

PVT: 18+09.21  
CL EL: 7575.45

MATCHLINE ~ STA. 19+26.20  
(SEE SHEET 35)

STA. 19+26.20 RUBBLE DRIVE=  
STA. 0+00.00 SE RB-4  
END SE ROUNDABOUT-4 EOA  
PROFILE AND BEGIN TYPICAL SECTION  
CL EL = 7577.21

STA. 19+91.16  
END ASPHALT CONSTRUCTION  
CL EL = 7578.18

STA. 19+26.20 RUBBLE DRIVE=  
STA. 5+00.00 SW RB-4  
END SW ROUNDABOUT-4 EOA  
PROFILE AND BEGIN TYPICAL SECTION  
CL EL = 7577.21

7590

7580

7570

7560

7550

13+00

14+00

15+00

16+00

17+00

18+00

19+00

20+00

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NO. REVISION

DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WHORTON/COLORADO P.E. #37155

9/17/18

DATE

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CONSULTING  
ENGINEERS & SURVEYORS

619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903

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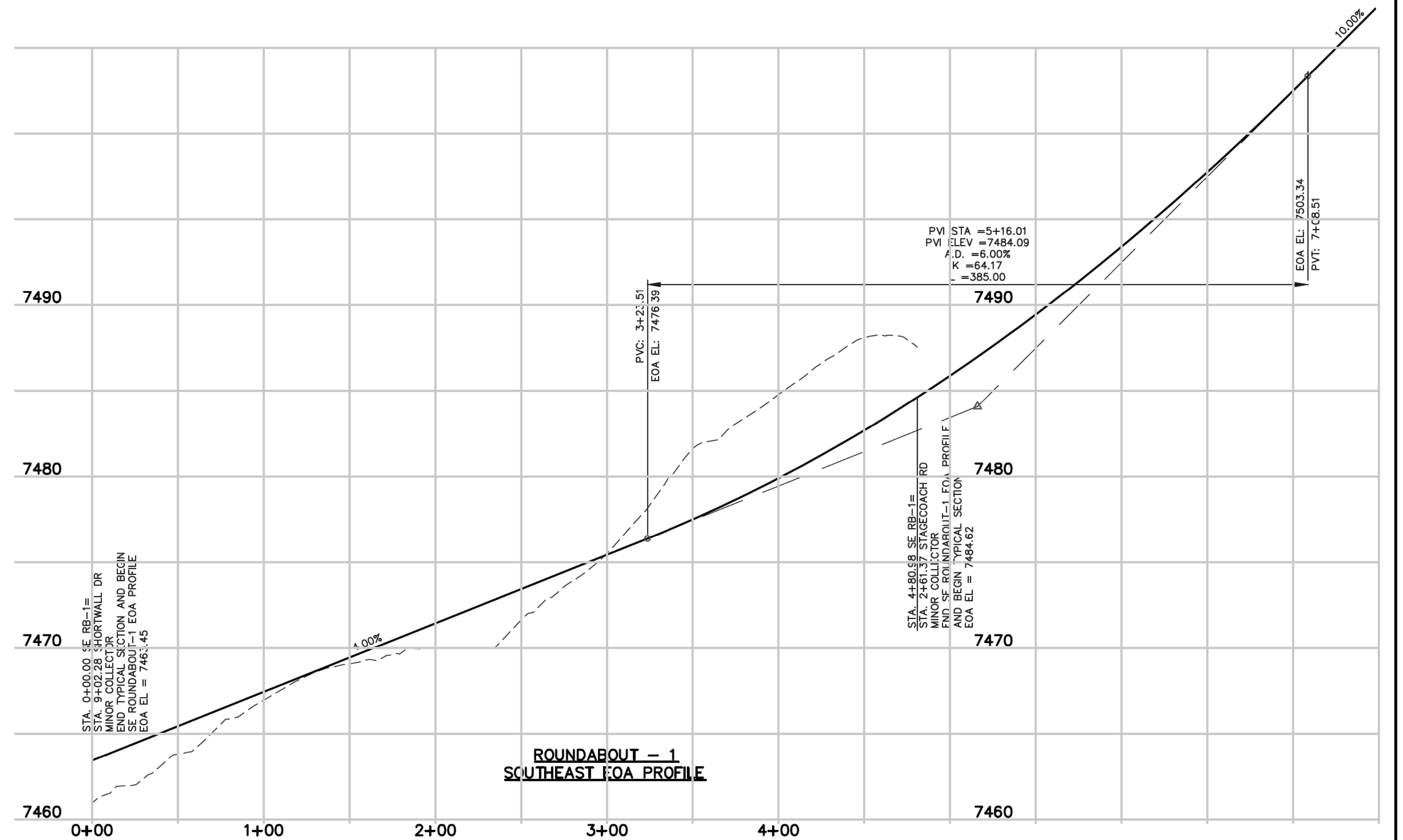
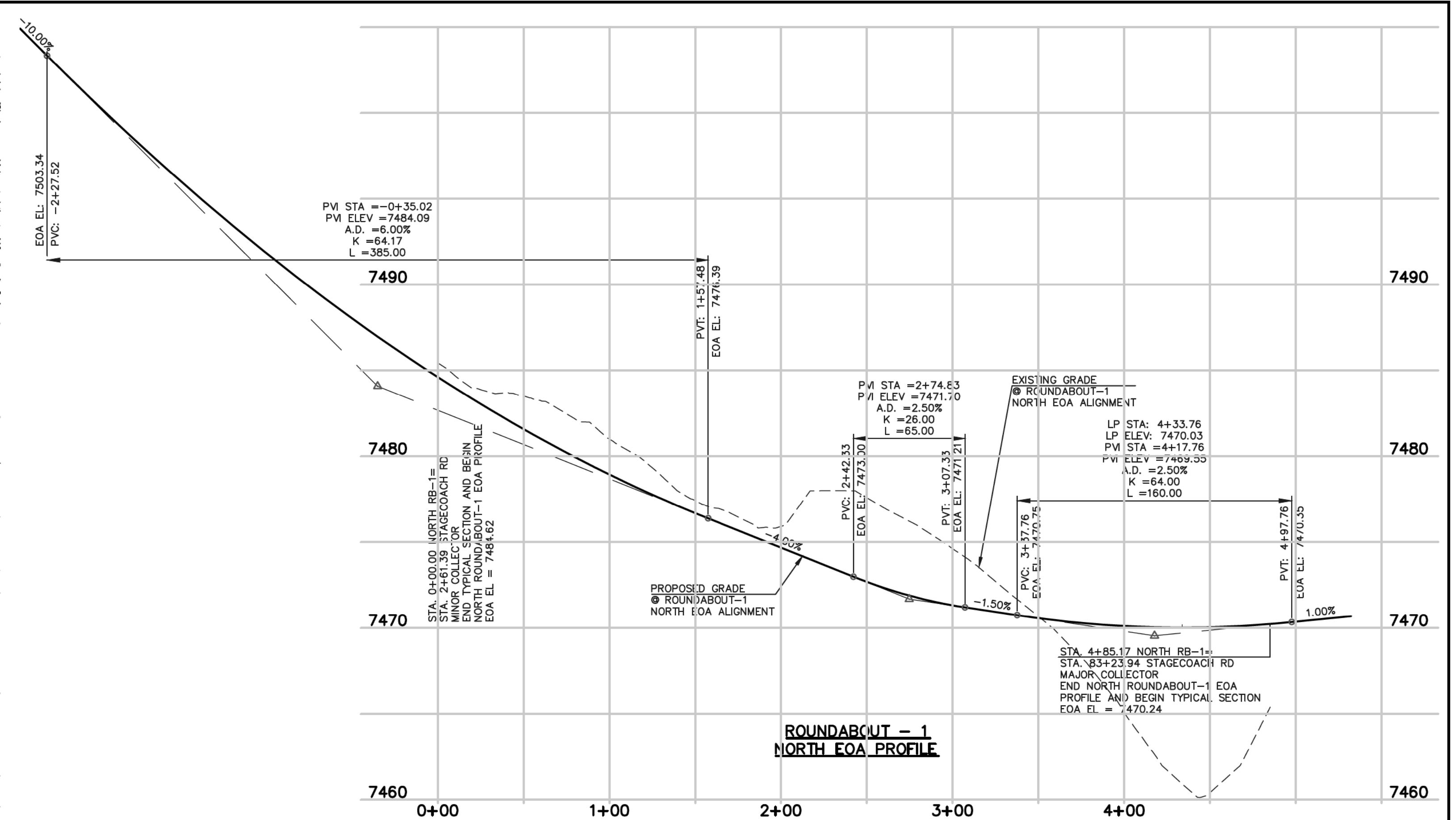
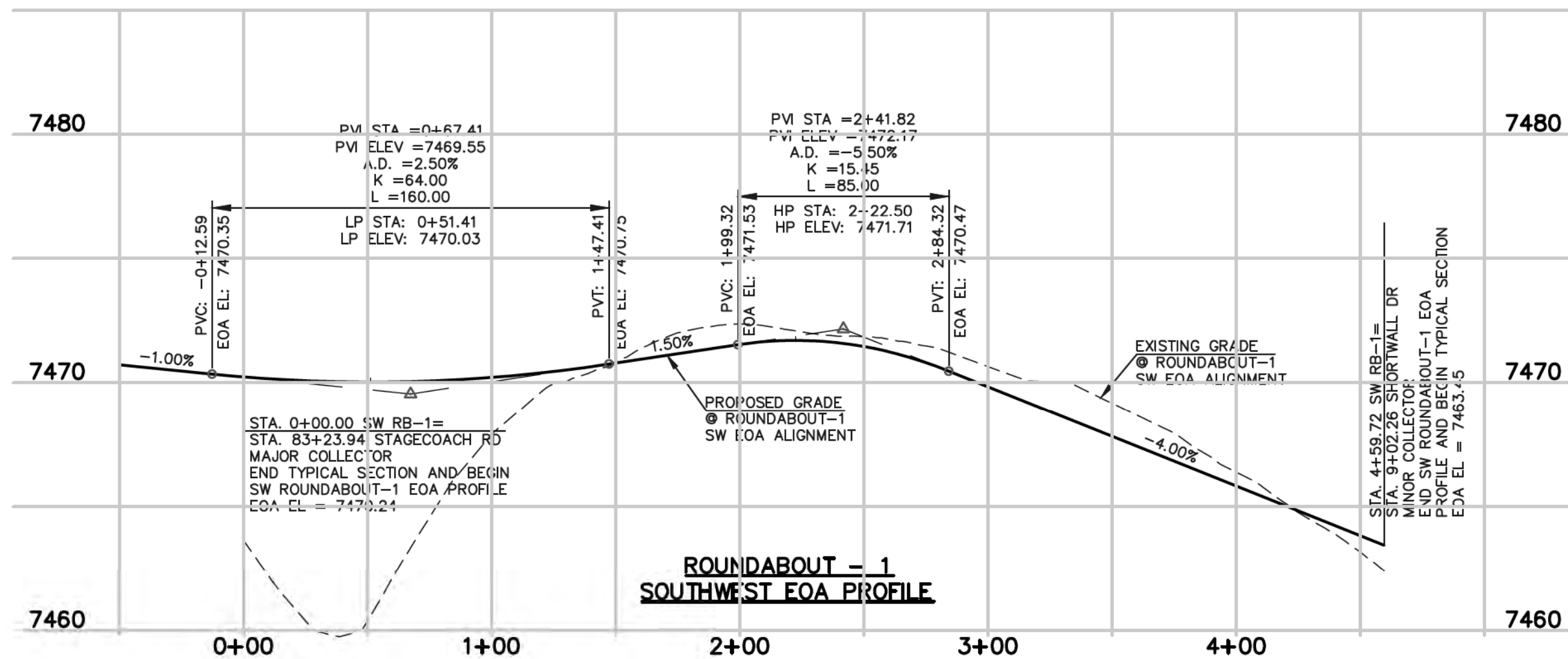
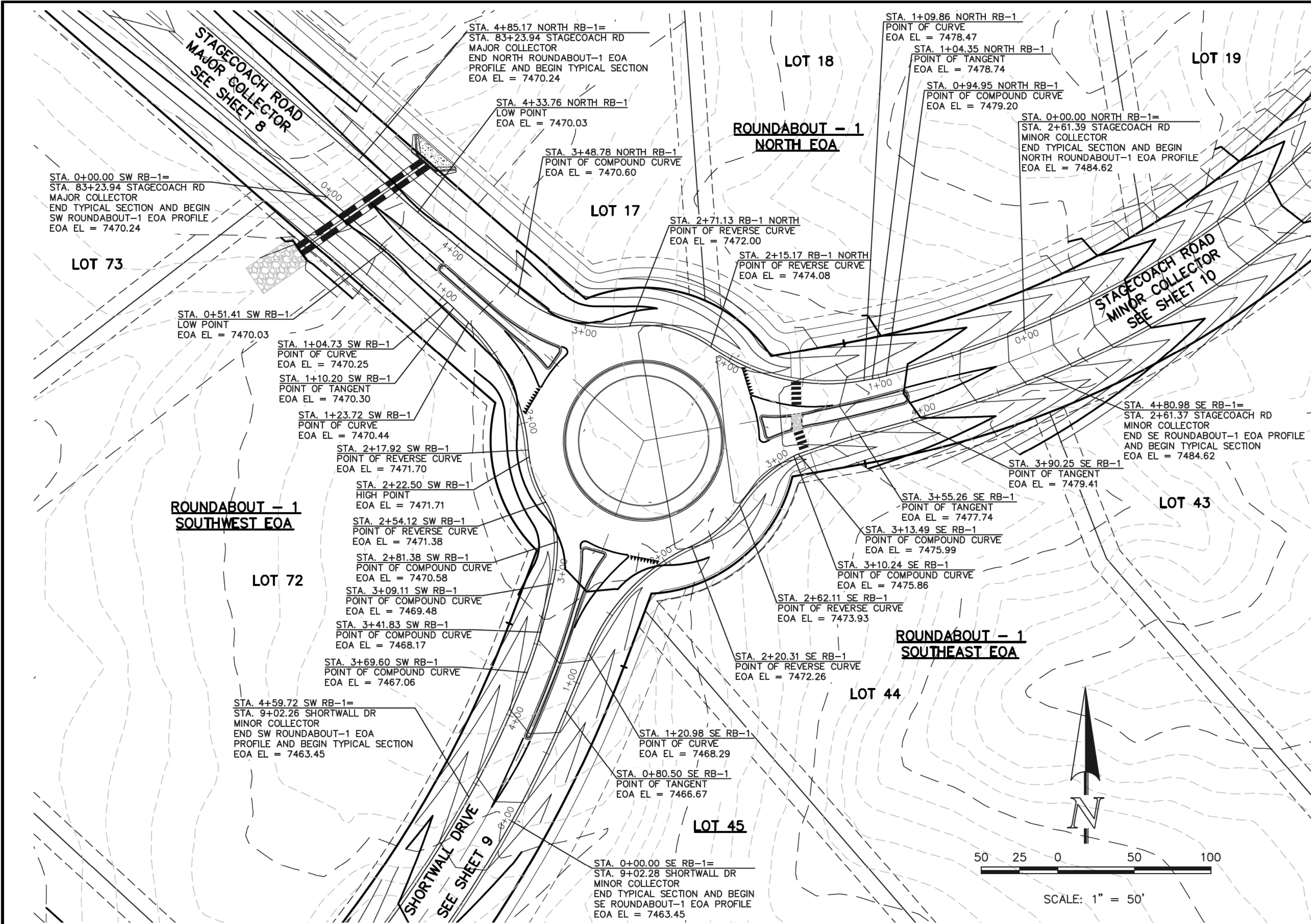
FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN  
RUBBLE DRIVE - RURAL LOCAL

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'	SHEET 25A	OF 45
CHECKED BY		(V) 1"= 5'	JOB NO.	1096.11

CLASSIC  
ENGINEERS & SURVEYORS



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MARC A. WHORTON, COLORADO P.E. #37155

9/17/18  
DATE



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Colorado Springs, Colorado 80903  
(719) 785-0790  
(719) 785-0799 (Fax)

FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN  
ROUNDABOUT 1  
PLAN AND PROFILE PLAN

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1" = 50'	SHEET	26 OF 45
CHECKED BY	(V) 1" = 5'	JOB NO.	1096.11	





# EPC TYPE B CURB & GUTTER DETAIL

NTS

APRON CURB & GUTTER

SCALE: 1" = 1'-0"

6" APRON HEADER CURB

SCALE: 1" = 1'-0"

SCALE: 1" = 20'

Curb Curve Table				
Curve #	Length	Radius	Delta	
C35	12.43	128.85	5.52	
C36	3.71	2.00	106.37	
C37	0.98	0.50	111.81	
C38	39.13	101.50	22.09	
C39	85.37	651.64	7.51	
C40	85.37	651.64	7.51	
C41	0.99	0.70	80.90	
C42	0.49	6.40	4.39	
C43	1.16	0.70	94.71	
C44	94.20	649.80	8.31	
C45	19.36	101.50	10.93	
C46	3.14	2.00	90.00	
C47	3.14	2.00	90.00	
C48	48.23	134.50	20.54	
C49	3.63	2.00	103.87	
C50	0.94	0.50	107.41	
C51	26.34	100.57	15.01	
C52	7.42	99.50	4.27	
C53	0.99	0.50	113.70	
C54	18.13	101.83	10.20	

Curb Curve Table				
Curve #	Length	Radius	Delta	
C55	0.82	0.50	94.51	
C56	0.65	0.50	74.07	
C57	14.56	133.41	6.25	
C58	3.15	1.75	103.10	
C59	11.37	73.01	8.92	
C60	0.71	0.50	80.98	
C61	7.68	149.50	2.94	
C62	49.97	838.61	3.41	
C63	4.71	3.00	89.98	
C64	4.71	3.00	90.02	
C65	54.66	846.03	3.70	
C66	4.32	149.50	1.65	
C67	8.45	133.41	3.63	
C68	8.22	101.83	4.63	
C69	0.89	0.50	102.40	

Curb Line Table		
Line #	Length	Direction
L6	11.65	S34° 25' 32.98"W
L7	42.49	S48° 53' 51.99"E
L8	59.50	N48° 53' 51.99"W
L9	6.05	S1° 21' 41.36"E
L10	1.35	N15° 30' 17.12"W
L11	11.39	S73° 59' 47.40"E
L12	7.12	S1° 21' 41.36"E

**CURB LABEL NOTE:**  
LINE AND CURVE TABLES REFER TO TOP BACK OF CURB OF CURB/GUTTER.

## NOTE TO CONTRACTOR

SIGNS AND POLES SHALL BE PER CDOT STANDARDS S-614-8, S-614-2, AND S-614-3, LATEST REVISION.

ALL SIGNAGE INSTALLATION IS TO BE IN COMPLIANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

SEE SHEETS 38-40 FOR SIGNAGE PLANS

## STRIPING LEGEND

STRIPE O	PAVEMENT MARKINGS	MARKING DESCRIPTION
1	YIELD MARKINGS (THERMO)	SOLID WHITE
2	CHANNELIZING LINES (EPOXY)	SOLID YELLOW, 8" WIDE
3	CHANNELIZING LINES (EPOXY)	SOLID WHITE, 8" WIDE
4	CROSSWALK LINES (THERMO)	SOLID WHITE, 20" WIDE, 6" LONG, 20" GAPS

\*NOTE: ALL STRIPING INSTALLATION SHALL BE PER COLORADO DEPARTMENT OF TRANSPORTATION "M&S STANDARDS" STANDARD PLAN NO. S-627-1

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NO. REVISION

DATE

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PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WHORTON, COLORADO P.E. #37155

9/17/18

DATE

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(719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN

ROUNDABOUT 1  
STRIPING AND DETAILED GRADING PLAN

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1" = 20'	SHEET	27 OF 45
CHECKED BY		(V) 1" = N/A	JOB NO.	1096.11

CLASSIC  
ENGINEERS & SURVEYORS

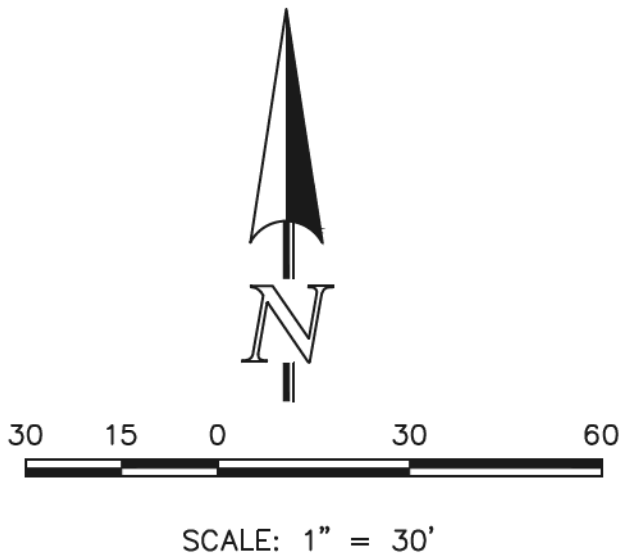


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NORTH LEG FASTEST PATHS				F VALUE	E VALUE
R1	174.38' / 24.64 MPH	0.23	-0.02		
R2	92.99' / 19.30 MPH	0.23	-0.02		
R3	234.76' / 27.68 MPH	0.23	-0.02		
R4	51.04' / 15.29 MPH	0.23	-0.02		
R5	N/A				

SOUTHWEST LEG FASTEST PATHS				F VALUE	E VALUE
R1	N/A				
R2	N/A				
R3	N/A				
R4	57.50' / 16.01 MPH	0.23	-0.02		
R5	110.35' / 20.62 MPH	0.23	-0.02		

SOUTHEAST LEG FASTEST PATHS				F VALUE	E VALUE
R1	N/A				
R2	N/A				
R3	N/A				
R4	57.43' / 16.00 MPH	0.23	-0.02		
R5	143.33' / 22.83 MPH	0.23	-0.02		




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CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC



MARC A. WHORTON, COLORADO P.E. #37155  
DATE 9/17/18



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Colorado Springs, Colorado 80903

(719) 785-0790  
(719) 785-0799 (Fax)

FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN  
ROUNDBOUT 1  
FASTEST PATHS

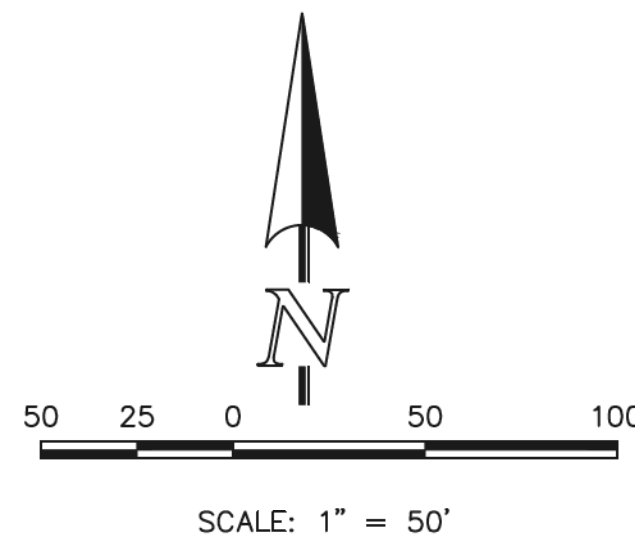
DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 30'	SHEET	28 OF 45
CHECKED BY	(V)	1"= N/A	JOB NO.	1096.11

CLASSIC  
CONSULTING  
ENGINEERS & SURVEYORS



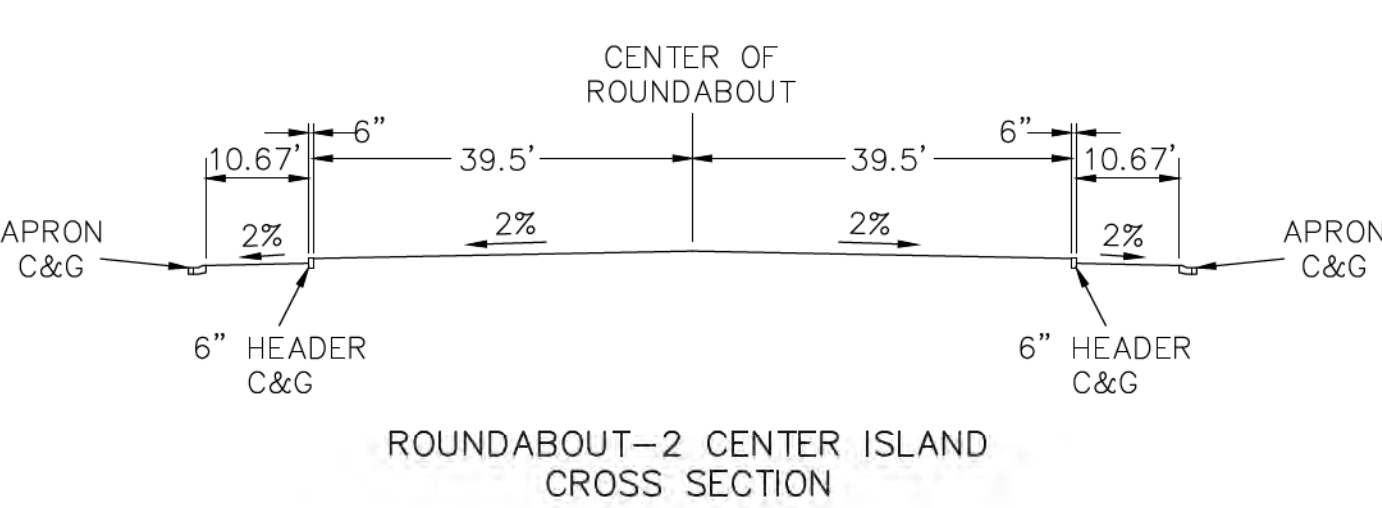
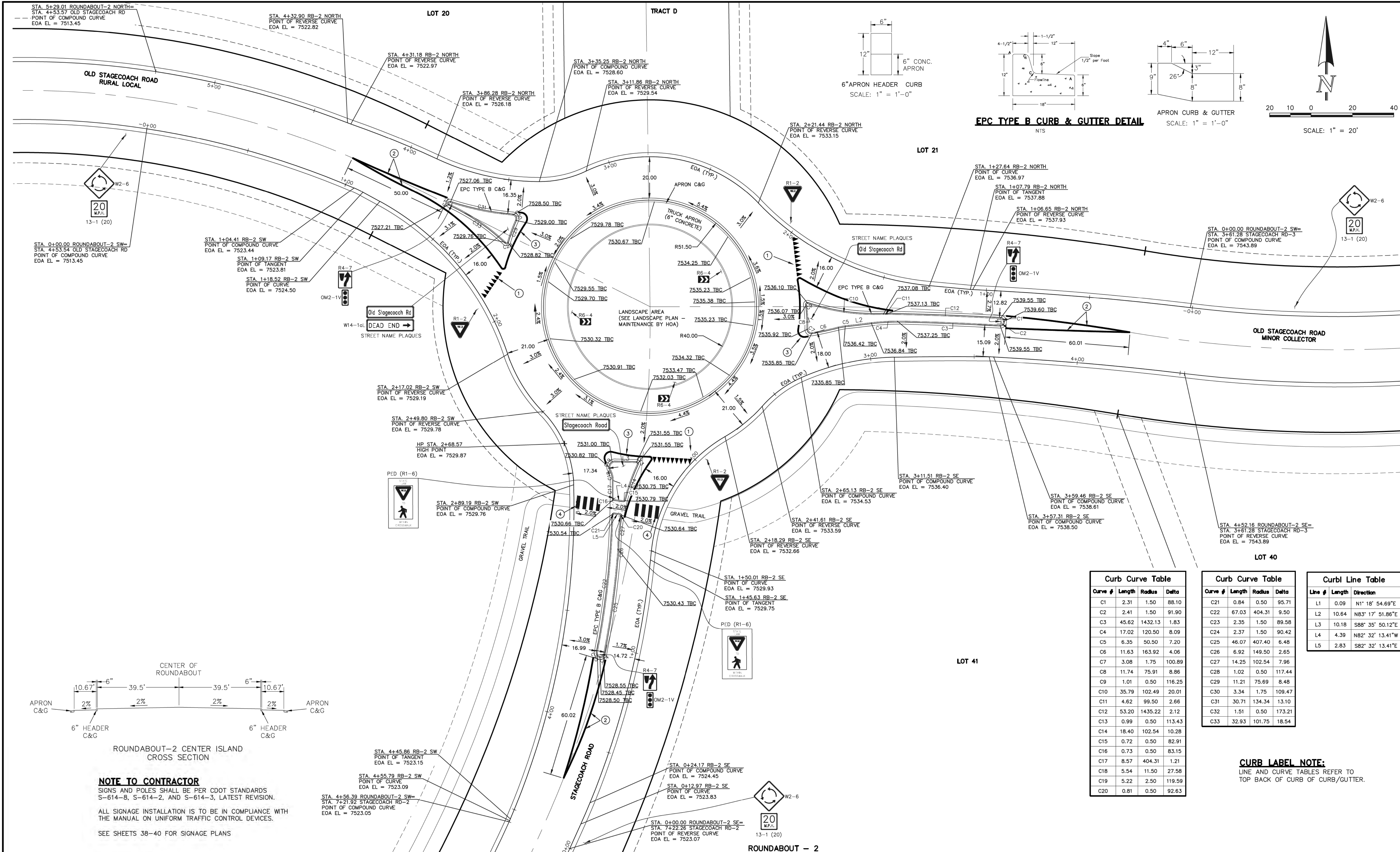






CLASSIC





**NOTE TO CONTRACTOR**  
SIGNS AND POLES SHALL BE PER CDOT STANDARDS S-614-8, S-614-2, AND S-614-3, LATEST REVISION.  
ALL SIGNAGE INSTALLATION IS TO BE IN COMPLIANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.  
SEE SHEETS 38-40 FOR SIGNAGE PLANS

STRIPING LEGEND		
STRIPE	PAVEMENT MARKINGS	MARKING DESCRIPTION
1	YIELD MARKINGS (THERMO)	SOLID WHITE
2	CHANNELIZING LINES (EPOXY)	SOLID YELLOW, 8" WIDE
3	CHANNELIZING LINES (EPOXY)	SOLID WHITE, 8" WIDE
4	CROSSWALK LINES (THERMO)	SOLID WHITE, 20" WIDE, 6" LONG, 20" GAPS

\*NOTE: ALL STRIPING INSTALLATION SHALL BE PER COLORADO DEPARTMENT OF TRANSPORTATION "M&S STANDARDS" STANDARD PLAN NO. S-627-1

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NO.	REVISION	DATE

REVIEW:  
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

7/17/18

MARC A. WILSON, COLORADO P.E. #37155

**CLASSIC**  
CONSULTING  
ENGINEERS & SURVEYORS

619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903

(719) 785-0790  
(719) 785-0799 (Fax)

FLYING HORSE NORTH FILING NO. 1			
STREET IMPROVEMENT PLAN			
ROUNDABOUT-2			
STRIPING AND DETAILED GRADING PLAN			
DESIGNED BY	PRA	SCALE	DATE 08-11-17
DRAWN BY	PRA	(H) 1" = 20'	SHEET 30 OF 45
CHECKED BY	(V) 1" = N/A	JOB NO.	1096.11

Curb Curve Table				
Curve #	Length	Radius	Delta	
C1	2.31	1.50	88.10	
C2	2.41	1.50	91.90	
C3	45.62	1432.13	1.83	
C4	17.02	120.50	8.09	
C5	6.35	50.50	7.20	
C6	11.63	163.92	4.06	
C7	3.08	1.75	100.89	
C8	11.74	75.91	8.86	
C9	1.01	0.50	116.25	
C10	35.79	102.49	20.01	
C11	4.62	99.50	2.66	
C12	53.20	1435.22	2.12	
C13	0.99	0.50	113.43	
C14	18.40	102.54	10.28	
C15	0.72	0.50	82.91	
C16	0.73	0.50	83.15	
C17	8.57	404.31	1.21	
C18	5.54	11.50	27.58	
C19	5.22	2.50	119.59	
C20	0.81	0.50	92.63	

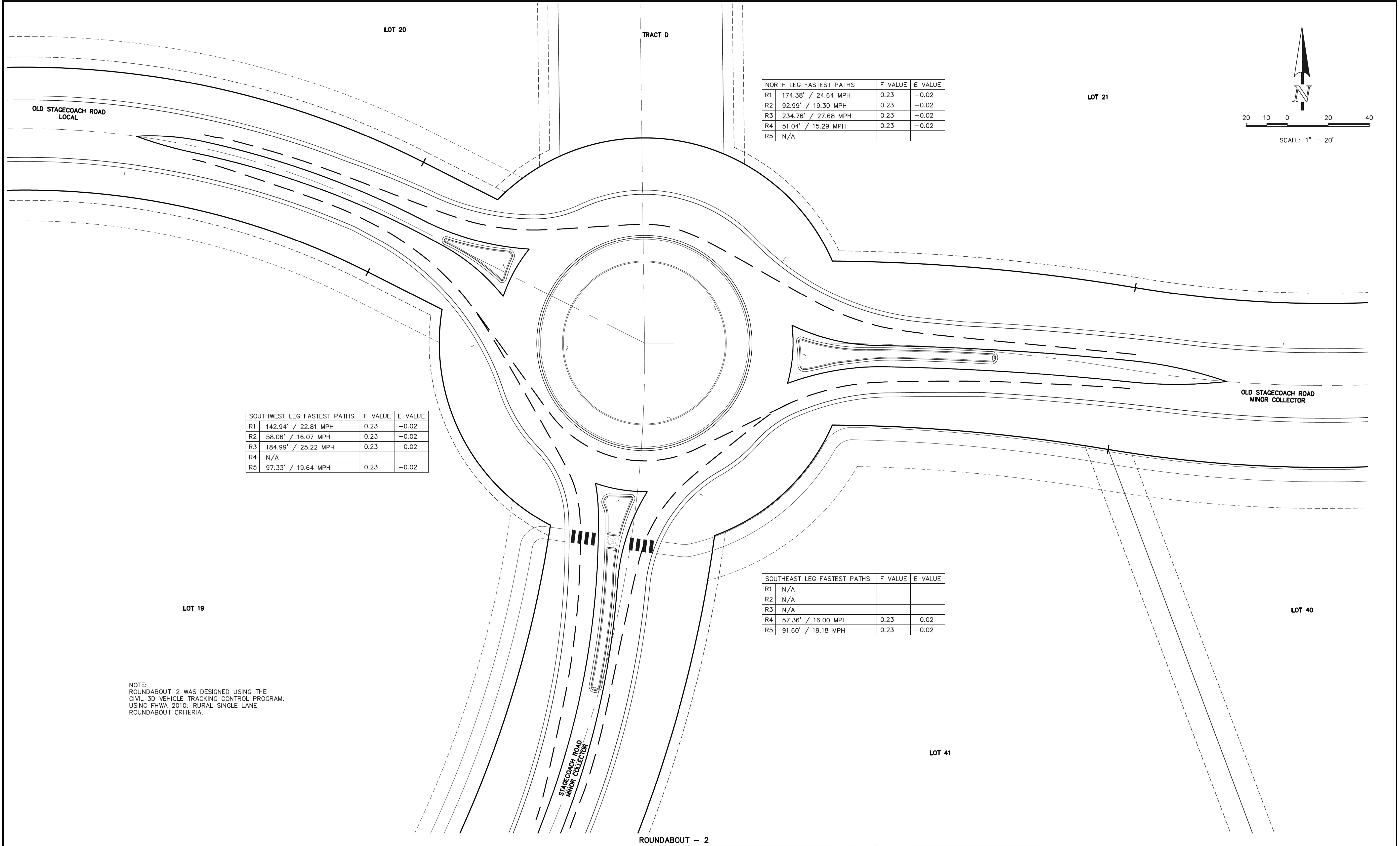
Curb Curve Table				
Curve #	Length	Radius	Delta	
C21	0.84	0.50	95.71	
C22	67.03	404.31	9.50	
C23	2.35	1.50	89.58	
C24	2.37	1.50	90.42	
C25	46.07	407.40	6.48	
C26	6.92	149.50	2.65	
C27	14.25	102.54	7.96	
C28	1.02	0.50	117.44	
C29	11.21	75.69	8.48	
C30	3.34	1.75	109.47	
C31	30.71	134.34	13.10	
C32	1.51	0.50	173.21	
C33	32.93	101.75	18.54	

Curb Line Table			
Line #	Length	Direction	
L1	0.09	N1° 18' 54.69"E	
L2	10.64	N83° 17' 51.86"E	
L3	10.18	S88° 35' 50.12"E	
L4	4.39	N82° 32' 13.41"W	
L5	2.83	S82° 32' 13.41"E	



**CURB LABEL NOTE:**  
LINE AND CURVE TABLES REFER TO TOP BACK OF CURB OF CURB/GUTTER.



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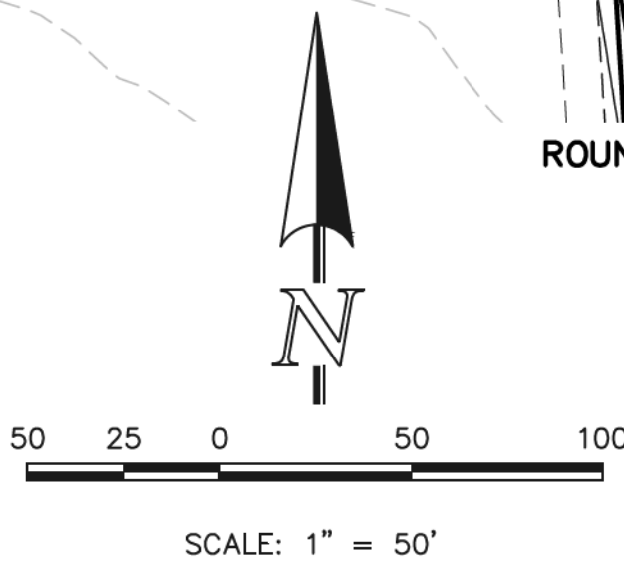
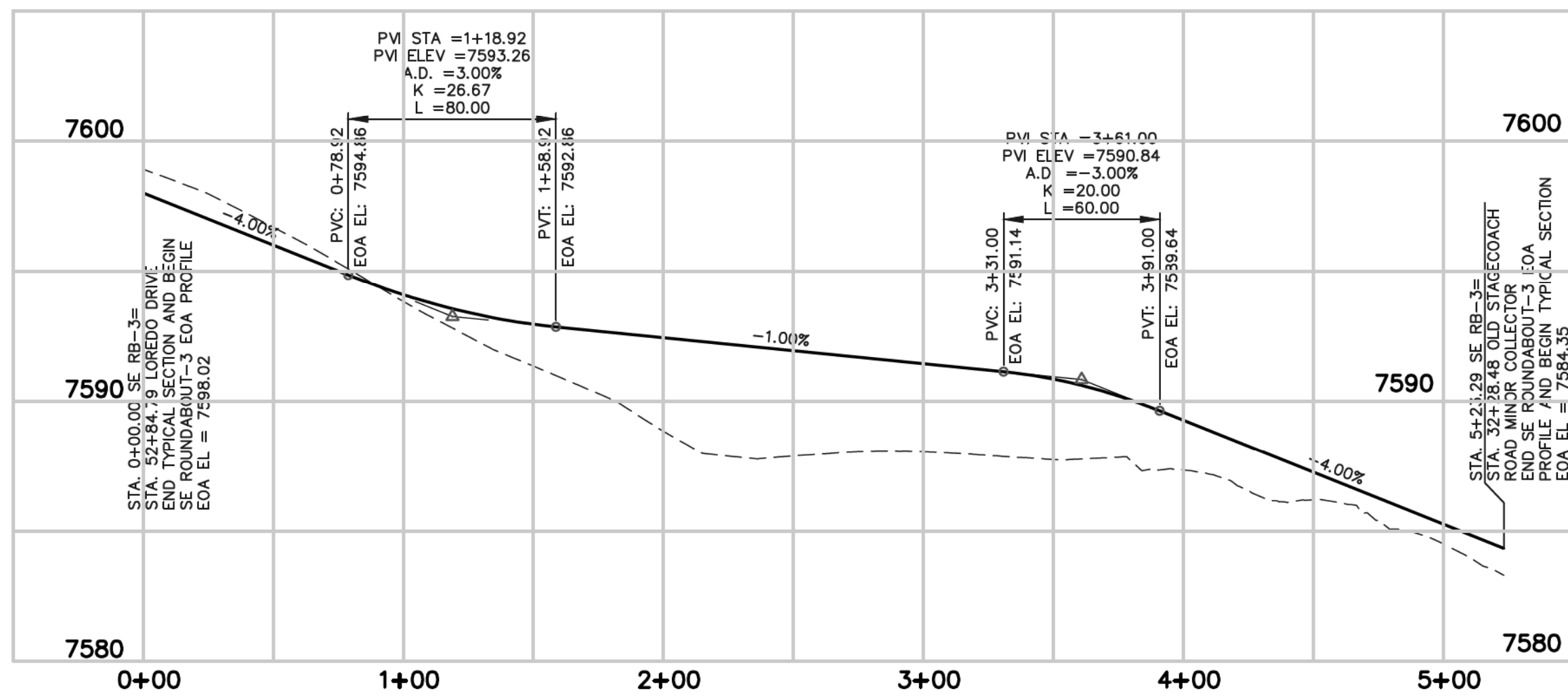
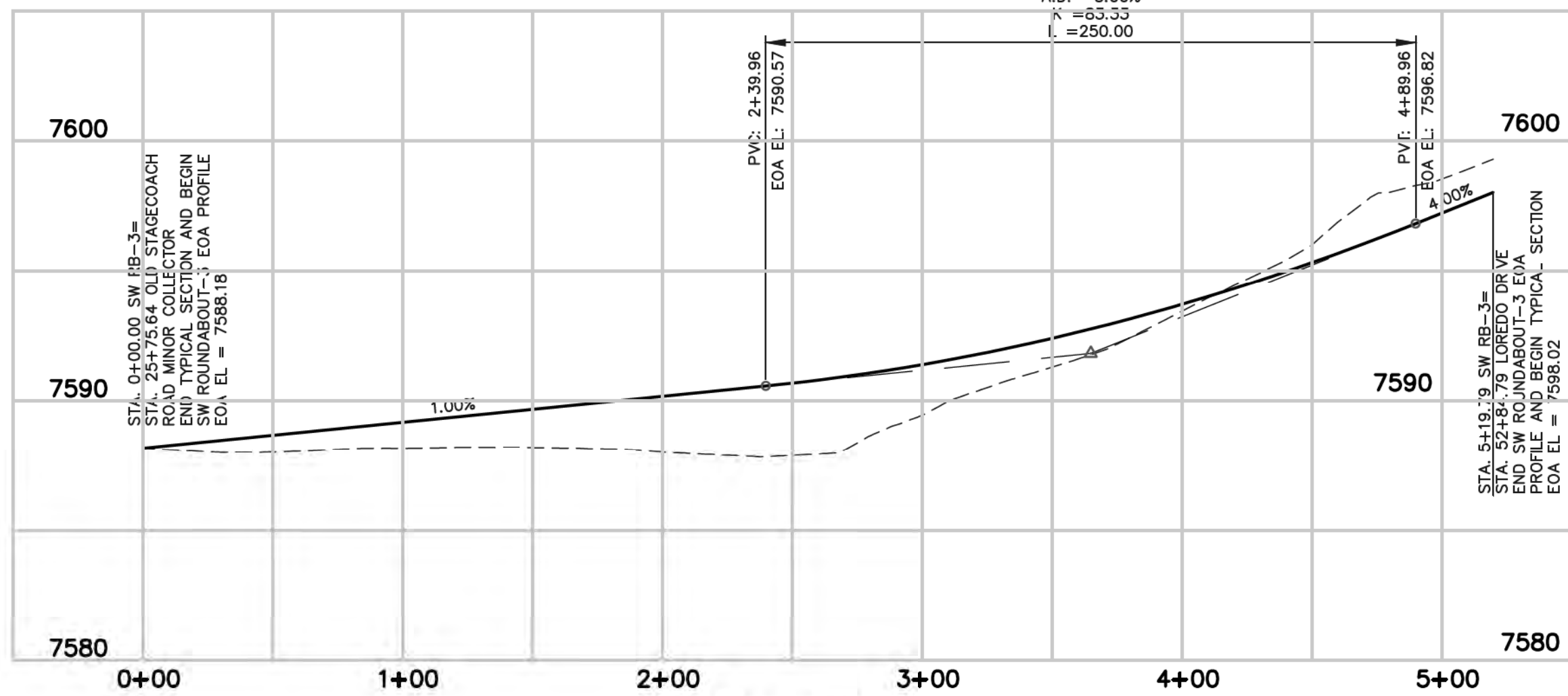
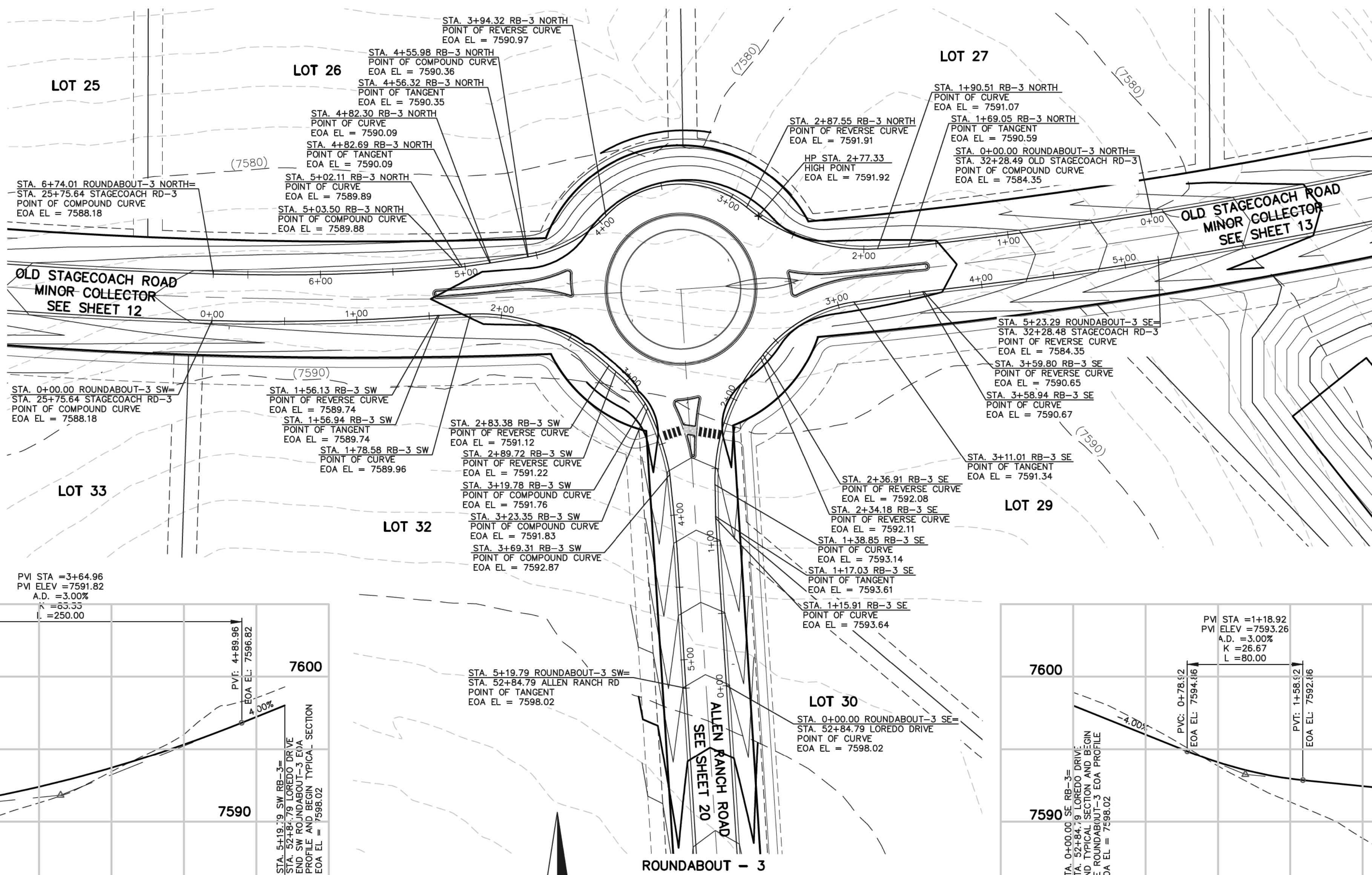
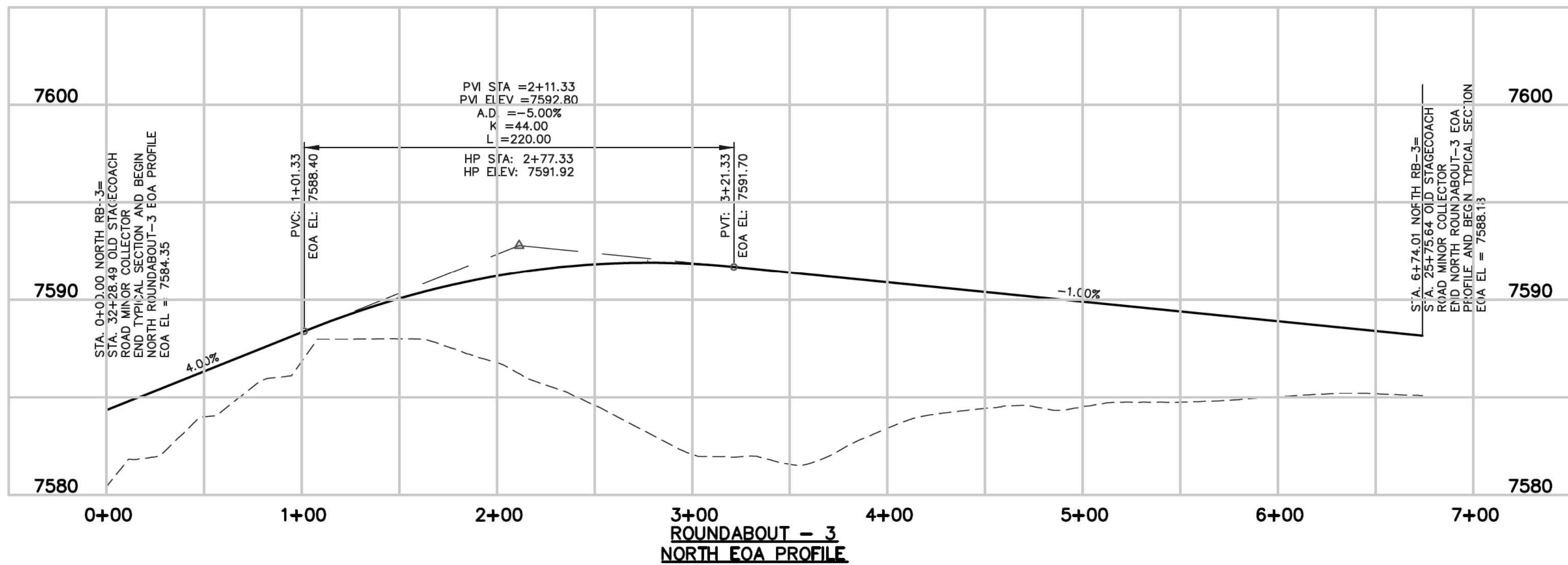


NOTE:  
ROUNDAABOUT-2 WAS DESIGNED USING THE  
CIVIL 3D VEHICLE TRACKING CONTROL PROGRAM.  
USING FHWA 2010: RURAL SINGLE LANE  
ROUNDAABOUT CRITERIA.

<p>48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS <b>811</b> UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW</p> <p>THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.</p>	<table><tr><th>NO.</th><th>REVISION</th><th>DATE</th></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>	NO.	REVISION	DATE																						<p>REVIEW:</p> <p>PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC</p> <p> 9/17/18</p> <p>MARC A. WHORTON, COLORADO P.E. #37155 DATE</p>	<p></p> <p>619 N. Cascade Avenue, Suite 200 (719)785-0790 Colorado Springs, Colorado 80903 (719)785-0799(Fax)</p>	<p>FLYING HORSE NORTH FILING NO. 1 STREET IMPROVEMENT PLAN ROUNDAABOUT-2 FASTEST PATHS</p> <table><tr><td>DESIGNED BY</td><td>PRA</td><td>SCALE</td><td>DATE</td><td>08-11-17</td></tr><tr><td>DRAWN BY</td><td>PRA</td><td>(H) 1"= 20'</td><td>SHEET</td><td>31 OF 45</td></tr><tr><td>CHECKED BY</td><td>(V)</td><td>1"= N/A</td><td>JOB NO.</td><td>1096.11</td></tr></table>	DESIGNED BY	PRA	SCALE	DATE	08-11-17	DRAWN BY	PRA	(H) 1"= 20'	SHEET	31 OF 45	CHECKED BY	(V)	1"= N/A	JOB NO.	1096.11
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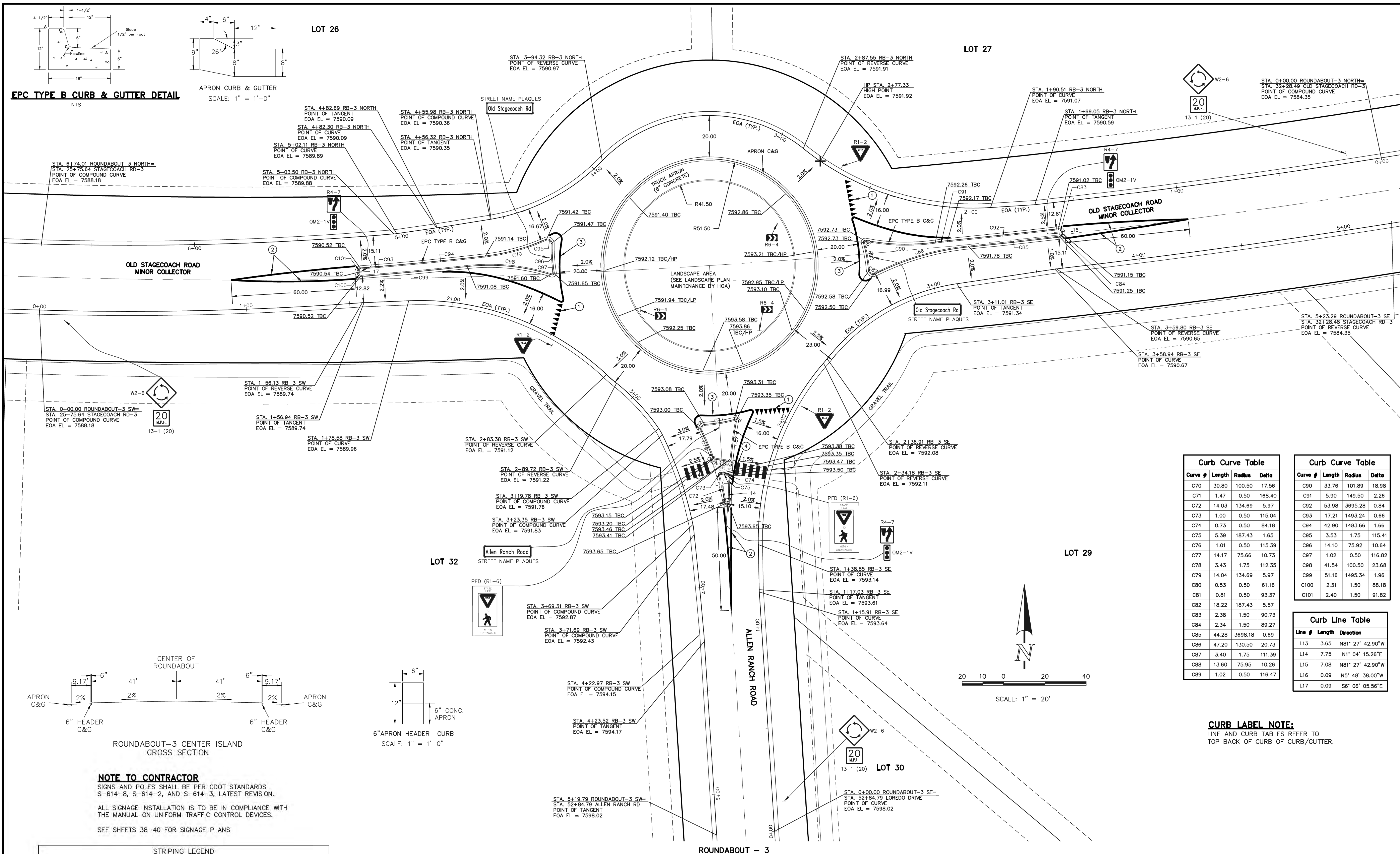
619 N. Cascade Avenue, Suite 200 (719) 785-0790  
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FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN  
ROUNDABOUT-3  
PLAN AND PROFILE PLAN

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1" = 50'	SHEET	32 OF 45
CHECKED BY		(V) 1" = 5'	JOB NO.	1096.11







EPC TYPE B CURB & GUTTER  
NTS

APRON CURB & GUTTER  
SCALE: 1" = 1'-0"

OLD STAGECOACH ROAD  
MINOR COLLECTOR

OLD STAGECOACH ROAD  
MINOR COLLECTOR

ROUNDABOUT-3 CENTER ISLAND  
CROSS SECTION

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ROUNDABOUT-3  
STRIPING AND DETAILED GRADING PLAN

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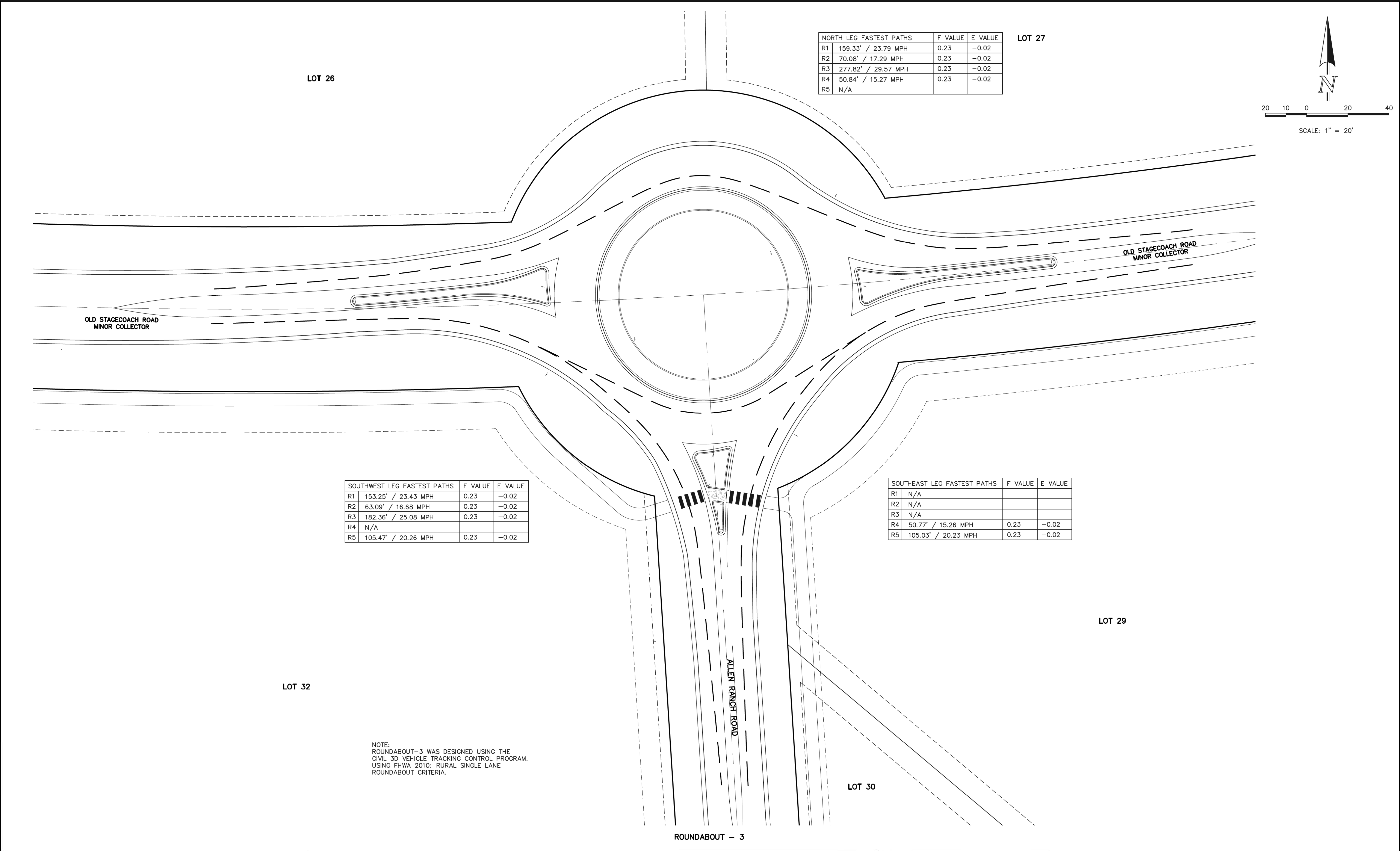
Curb Curve Table				
Curve #	Length	Radius	Delta	
C70	30.80	100.50	17.56	
C71	1.47	0.50	168.40	
C72	14.03	134.69	5.97	
C73	1.00	0.50	115.04	
C74	0.73	0.50	84.18	
C75	5.39	187.43	1.65	
C76	1.01	0.50	115.39	
C77	14.17	75.66	10.73	
C78	3.43	1.75	112.35	
C79	14.04	134.69	5.97	
C80	0.53	0.50	61.16	
C81	0.81	0.50	93.37	
C82	18.22	187.43	5.57	
C83	2.38	1.50	90.73	
C84	2.34	1.50	89.27	
C85	44.28	3698.18	0.69	
C86	47.20	130.50	20.73	
C87	3.40	1.75	111.39	
C88	13.60	75.95	10.26	
C89	1.02	0.50	116.47	

Curb Curve Table				
Curve #	Length	Radius	Delta	
C90	33.76	101.89	18.98	
C91	5.90	149.50	2.26	
C92	53.98	3695.28	0.84	
C93	17.21	1493.24	0.66	
C94	42.90	1483.66	1.66	
C95	3.53	1.75	115.41	
C96	14.10	75.92	10.64	
C97	1.02	0.50	116.82	
C98	41.54	100.50	23.68	
C99	51.16	1495.34	1.96	
C100	2.31	1.50	88.18	
C101	2.40	1.50	91.82	

Curb Line Table		
Line #	Length	Direction
L13	3.65	N81° 27' 42.90"W
L14	7.75	N1° 04' 15.26"E
L15	7.08	N81° 27' 42.90"W
L16	0.09	N5° 48' 38.00"W
L17	0.09	S6° 06' 05.56"E

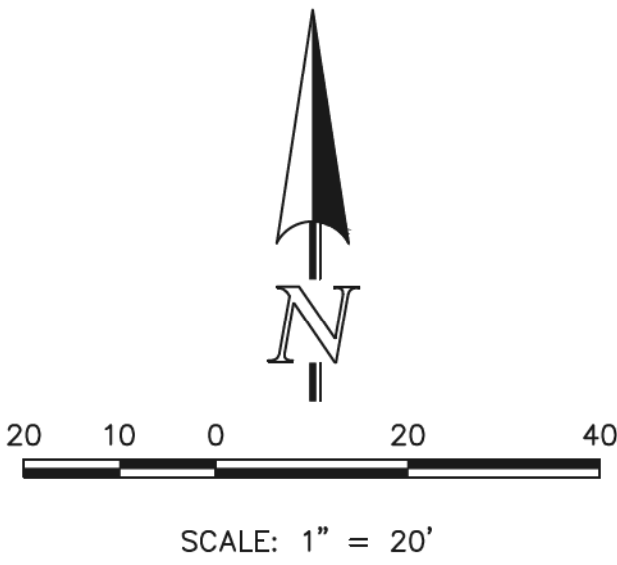
**CURB LABEL NOTE:**  
LINE AND CURB TABLES REFER TO  
TOP BACK OF CURB OF CURB/GUTTER.





NORTH LEG FASTEST PATHS		F VALUE	E VALUE
R1	159.33' / 23.79 MPH	0.23	-0.02
R2	70.08' / 17.29 MPH	0.23	-0.02
R3	277.82' / 29.57 MPH	0.23	-0.02
R4	50.84' / 15.27 MPH	0.23	-0.02
R5	N/A		

LOT 27



SOUTHWEST LEG FASTEST PATHS		F VALUE	E VALUE
R1	153.25' / 23.43 MPH	0.23	-0.02
R2	63.09' / 16.68 MPH	0.23	-0.02
R3	182.36' / 25.08 MPH	0.23	-0.02
R4	N/A		
R5	105.47' / 20.26 MPH	0.23	-0.02

SOUTHEAST LEG FASTEST PATHS		F VALUE	E VALUE
R1	N/A		
R2	N/A		
R3	N/A		
R4	50.77' / 15.26 MPH	0.23	-0.02
R5	105.03' / 20.23 MPH	0.23	-0.02

LOT 32

LOT 29

LOT 30

NOTE:  
ROUNDABOUT-3 WAS DESIGNED USING THE  
CIVIL 3D VEHICLE TRACKING CONTROL PROGRAM.  
USING FHWA 2010: RURAL SINGLE LANE  
ROUNDABOUT CRITERIA.

ROUNDABOUT - 3

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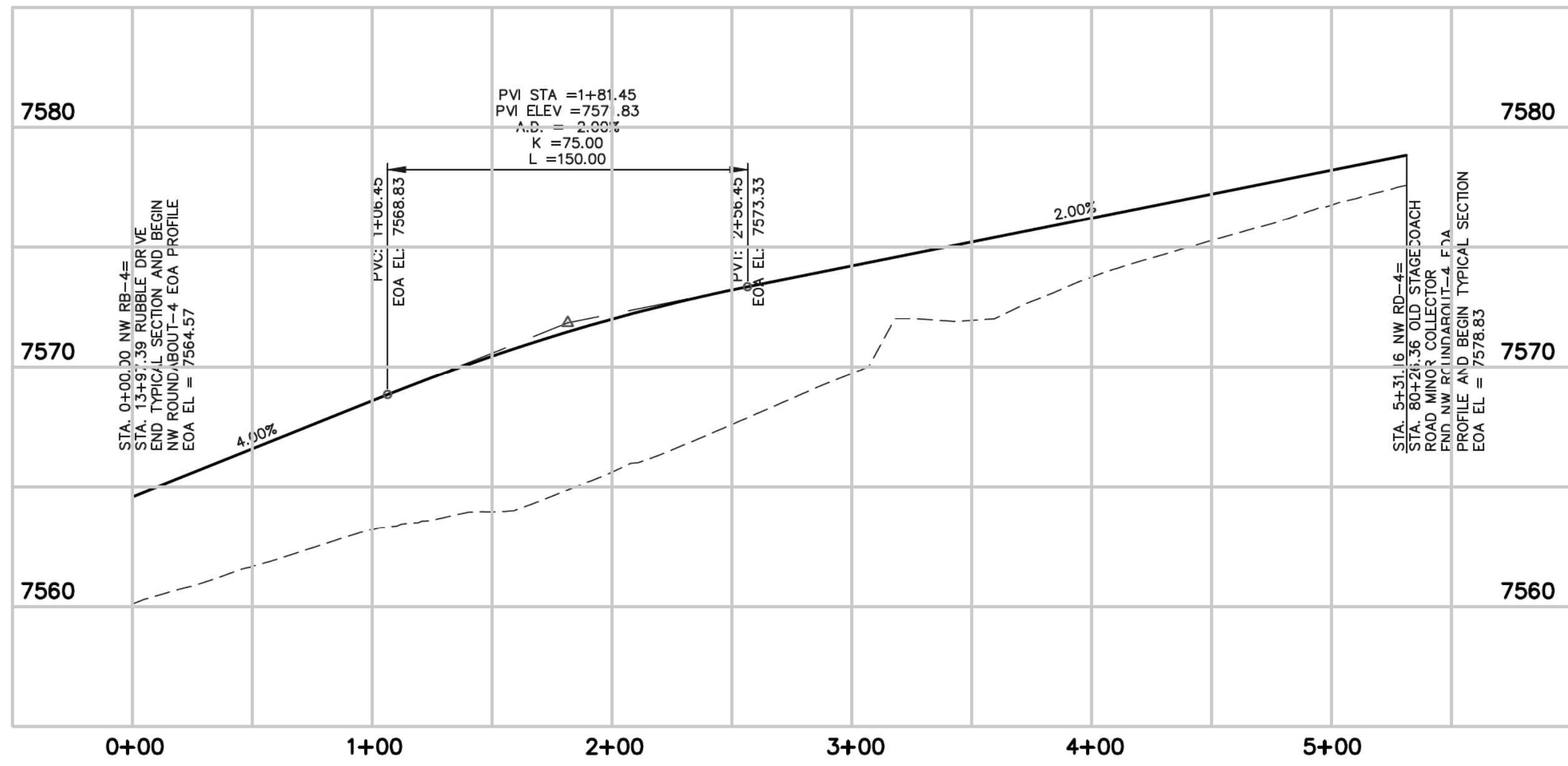
FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN

ROUNDABOUT-3  
FASTEST PATHS

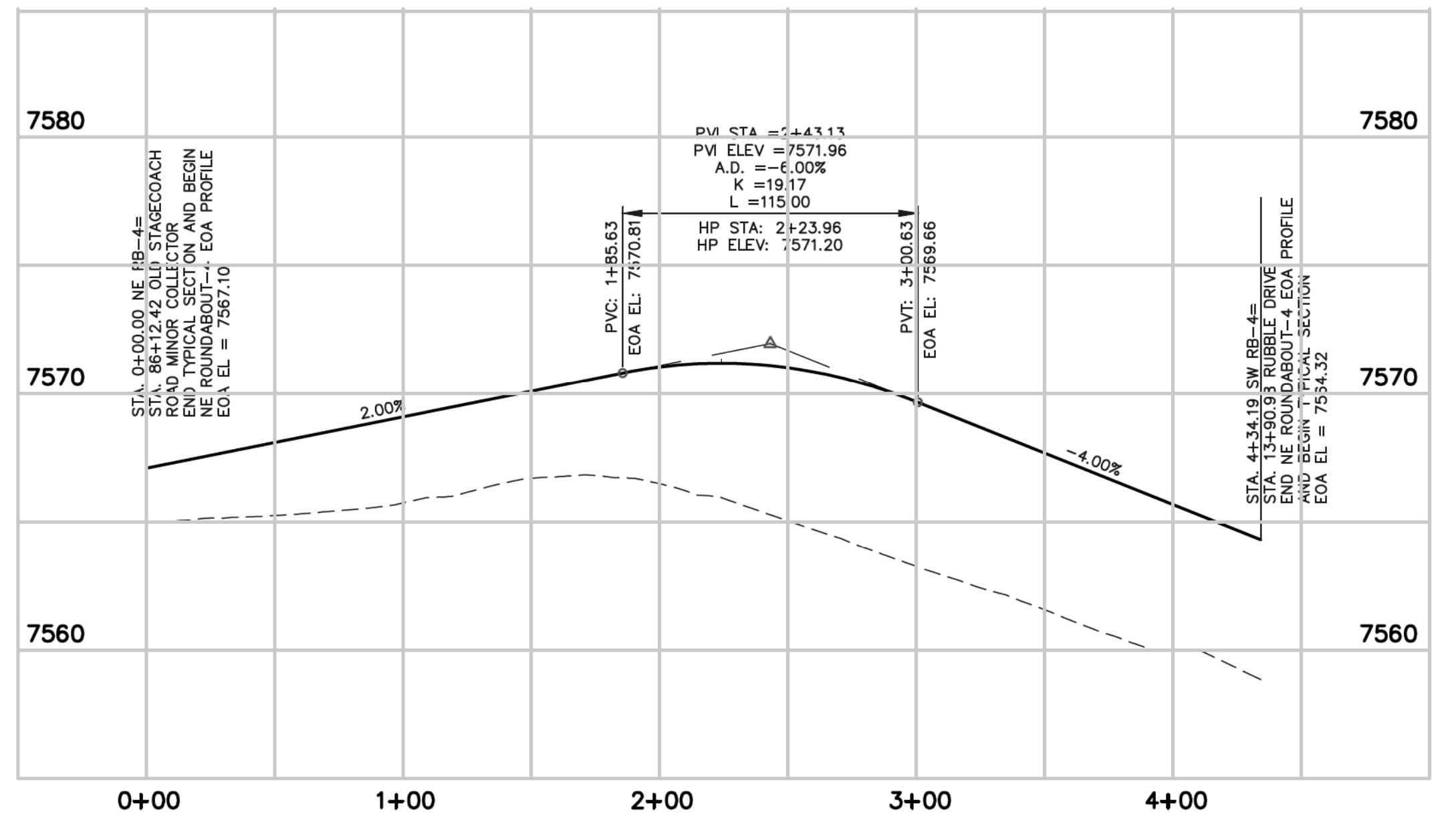
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DRAWN BY	PRA	(H) 1"= 20'	SHEET 34	OF 45
CHECKED BY	(V)	1"= N/A	JOB NO.	1096.11



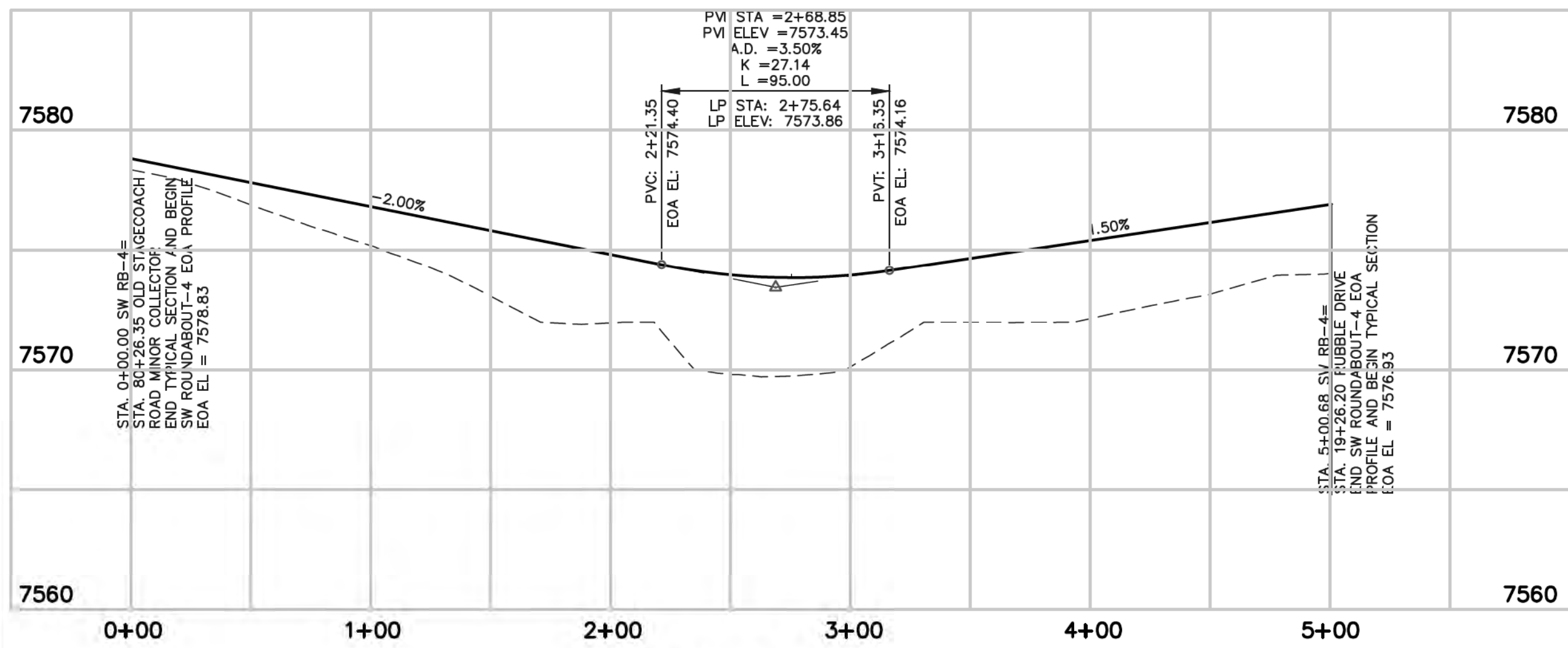
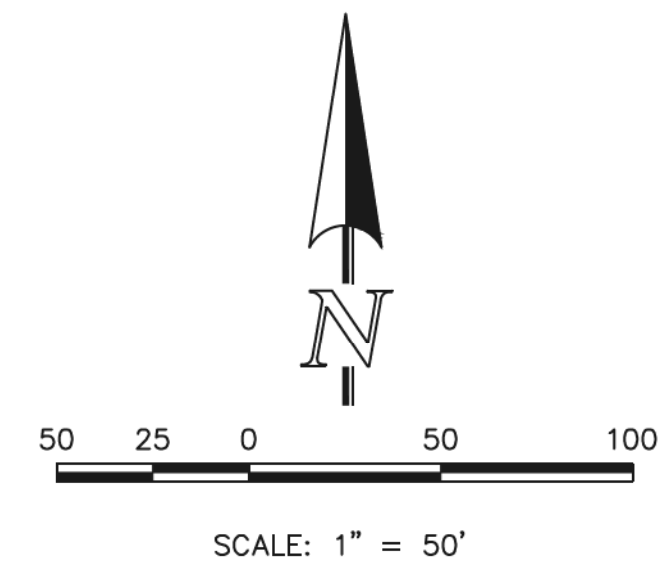
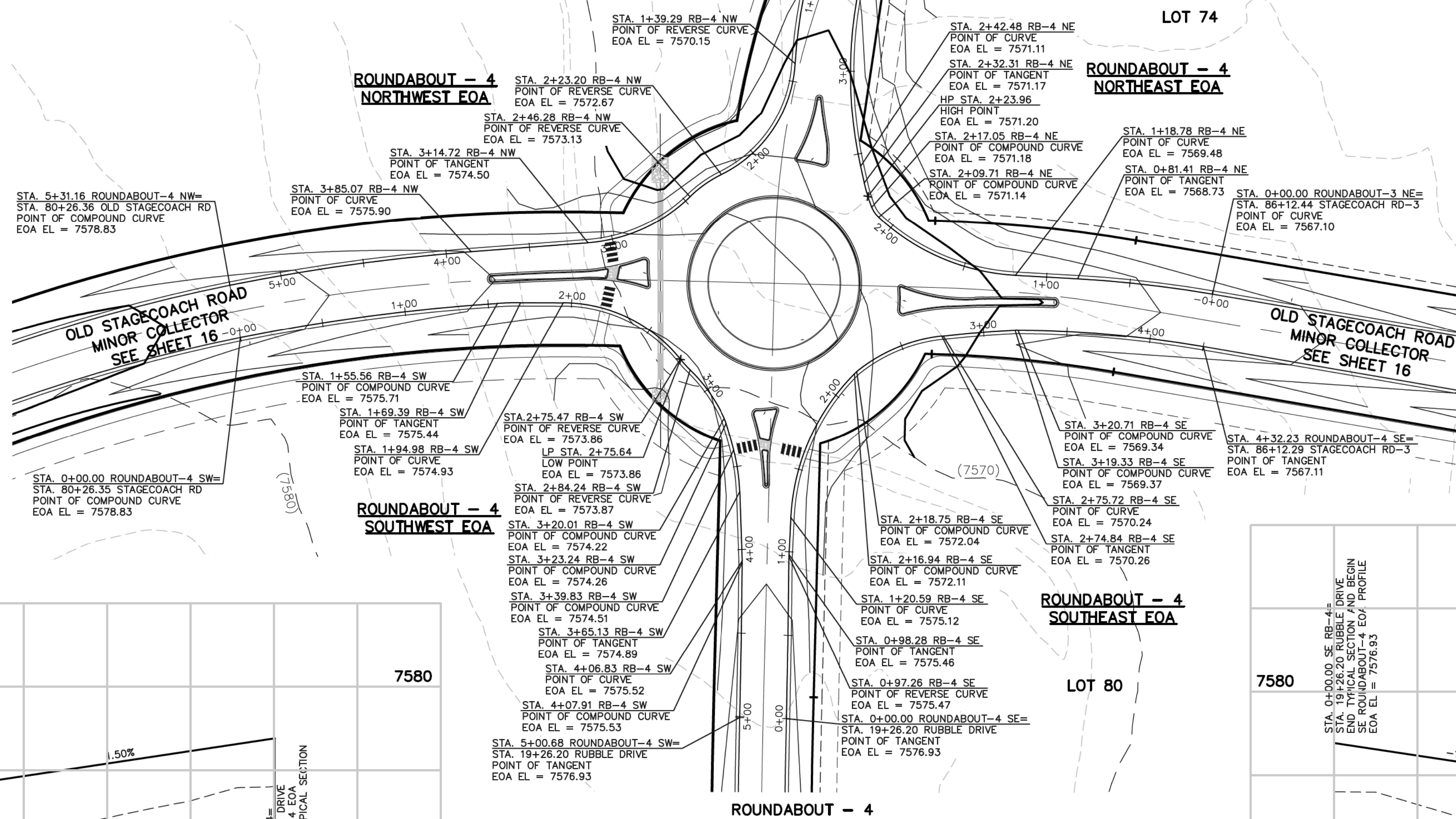




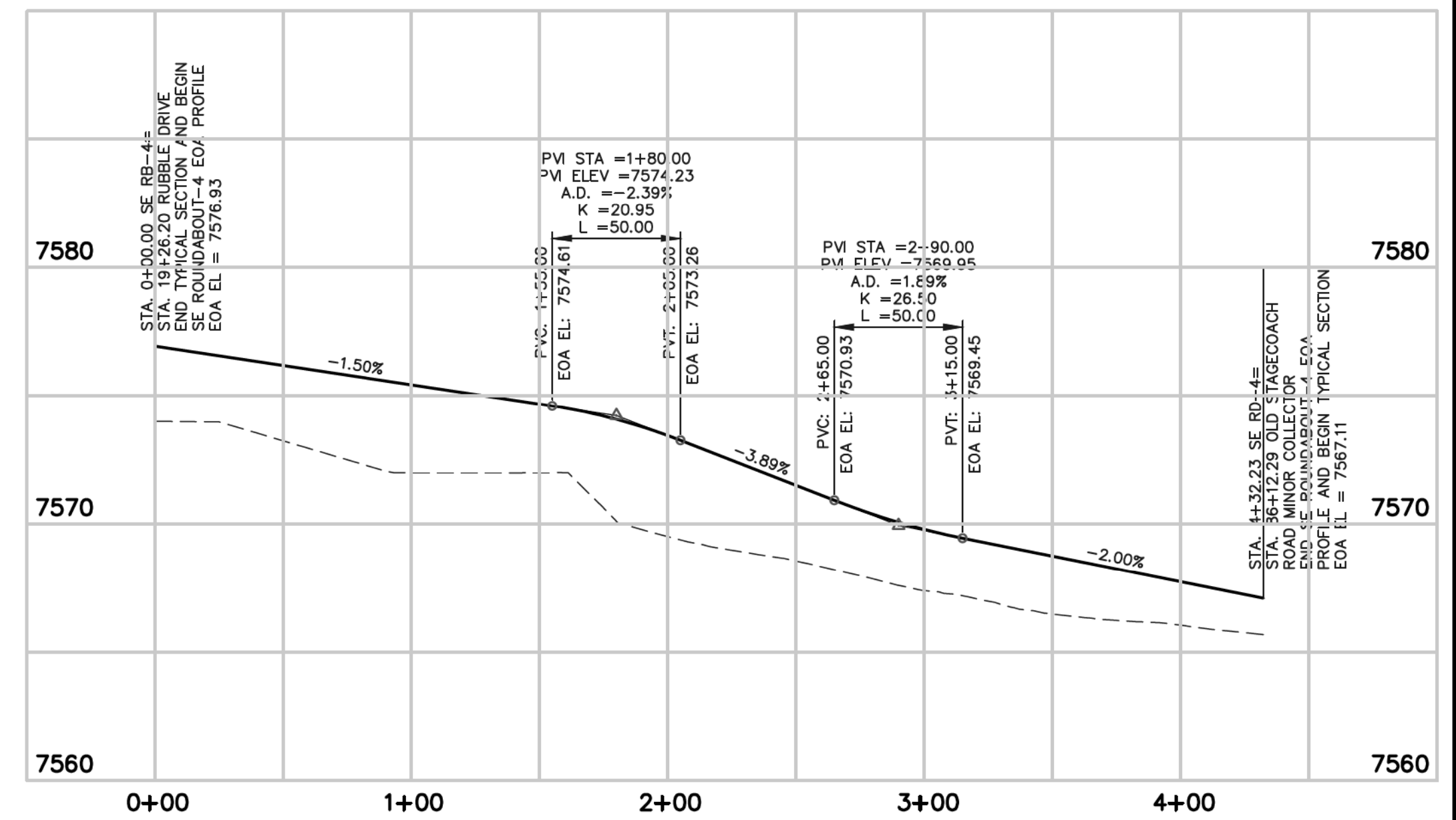
ROUNDABOUT - 4  
NORTHWEST EOA PROFILE



ROUNDABOUT - 4  
NORTHEAST EOA PROFILE



ROUNDABOUT - 4  
SOUTHWEST EOA PROFILE



ROUNDABOUT - 4  
SOUTHEAST EOA PROFILE

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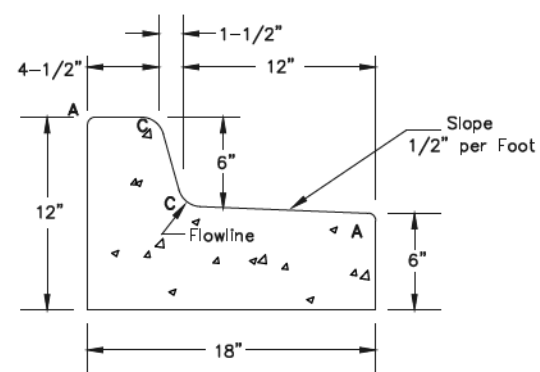
FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN

ROUNDABOUT-4  
PLAN AND PROFILE PLAN

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1" = 50'	SHEET	35 OF 45
CHECKED BY		(V) 1" = 5'	JOB NO.	1096.11







EPC TYPE B CURB & GUTTER DETAIL

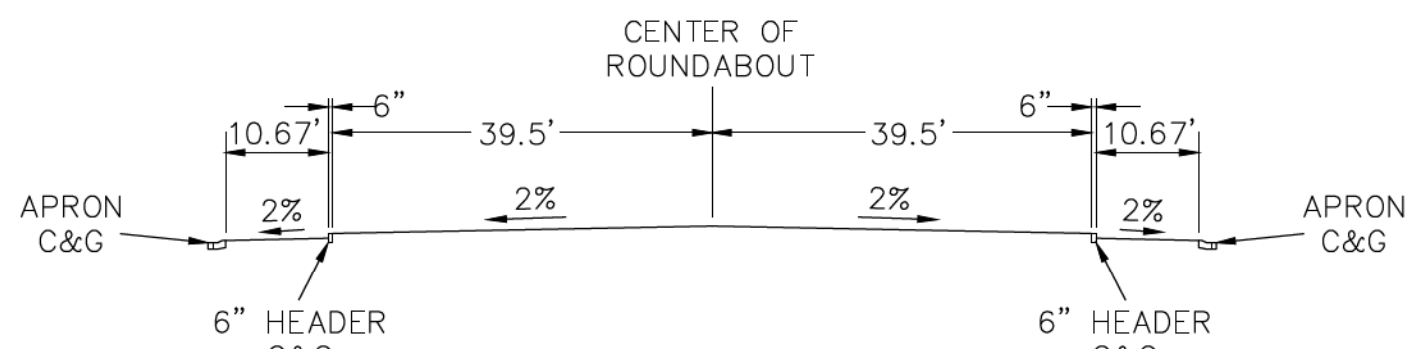
NTS

APRON CURB & GUTTER

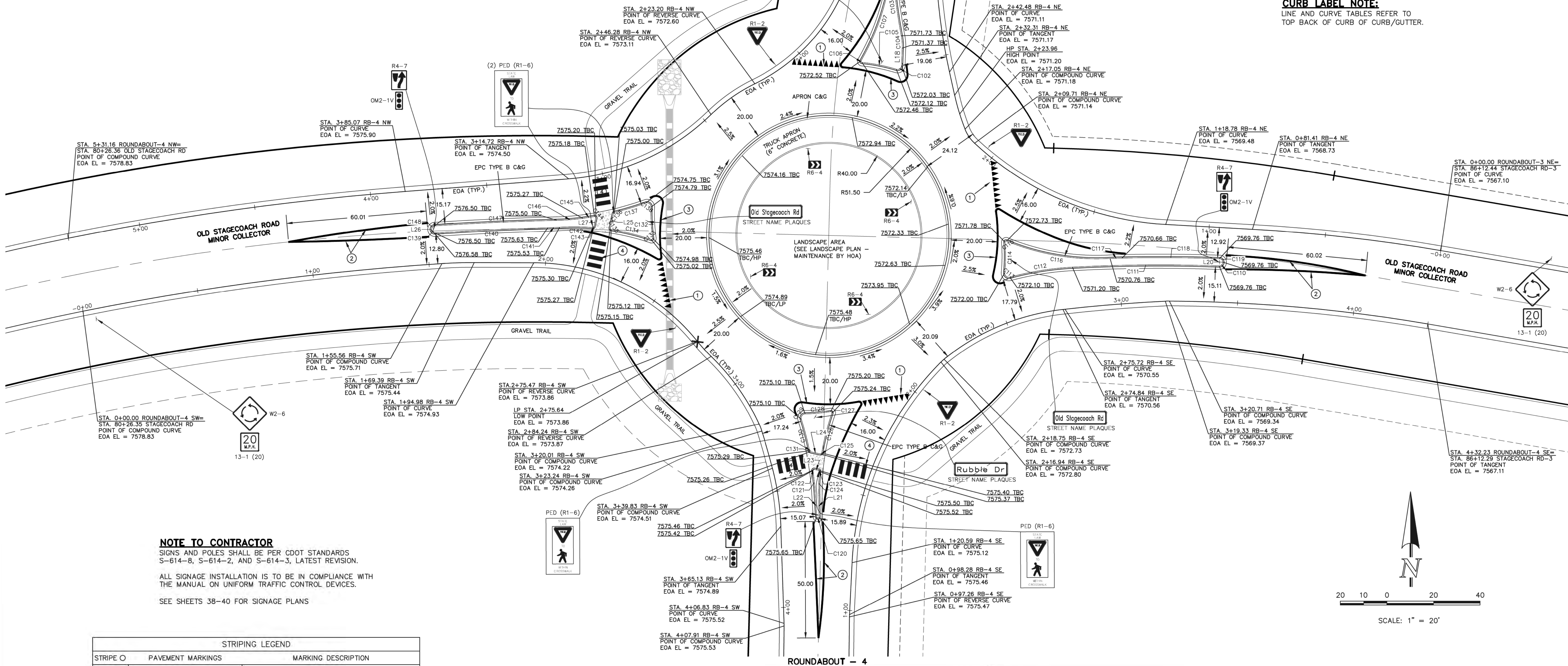
SCALE: 1" = 1'-0"

6" APRON HEADER CURB

SCALE: 1" = 1'-0"



ROUNDABOUT-4 CENTER ISLAND CROSS SECTION



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STREET IMPROVEMENT PLAN

ROUNDABOUT-4  
STRIPING AND DETAILED GRADING PLAN

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1" = 20'	SHEET	36 OF 45
CHECKED BY	(V) 1" = N/A	JOB NO.	1096.11	

Curve #	Length	Radius	Delta
C102	3.20	1.75	104.86
C103	25.38	273.06	5.32
C104	5.38	24.50	12.58
C105	15.06	75.94	11.36
C106	1.00	0.50	114.51
C107	38.22	101.63	21.55
C108	0.66	0.50	75.79
C109	0.79	0.50	90.50
C110	2.46	1.50	93.90
C111	63.08	697.04	5.18
C112	27.25	130.50	11.96
C113	3.37	1.75	110.45
C114	13.11	75.80	9.91
C115	1.02	0.50	116.84
C116	45.43	101.61	25.62
C117	5.10	149.50	1.95
C118	41.91	700.13	3.43
C119	2.25	1.50	86.10
C120	1.55	0.50	177.31
C121	10.26	133.75	4.39

Curve #	Length	Radius	Delta
C122	0.96	0.50	110.13
C123	0.72	0.50	82.66
C124	10.21	102.44	5.71
C125	0.81	0.50	92.87
C126	17.60	102.44	9.84
C127	1.03	0.50	118.50
C128	11.00	75.51	8.35
C129	3.26	1.75	106.63
C130	13.98	133.75	5.99
C131	0.58	0.50	66.19
C132	13.42	75.84	10.14
C133	1.02	0.50	116.84
C134	17.64	102.48	9.86
C135	0.81	0.50	92.85
C136	0.56	0.50	64.66
C137	14.02	133.80	6.00
C138	3.41	1.75	111.66
C139	2.42	1.50	92.58
C140	48.42	1176.86	2.36
C141	5.15	150.50	1.96

Curve #	Length	Radius	Delta
C142	14.20	102.48	7.94
C143	0.72	0.50	82.68
C144	0.97	0.50	111.62
C145	5.07	133.80	2.17
C146	11.15	100.50	6.36
C147	52.57	1180.01	2.55
C148	2.29	1.50	87.42

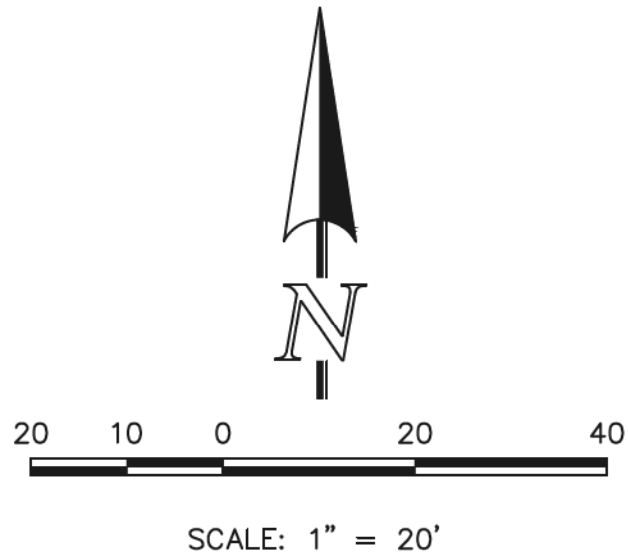
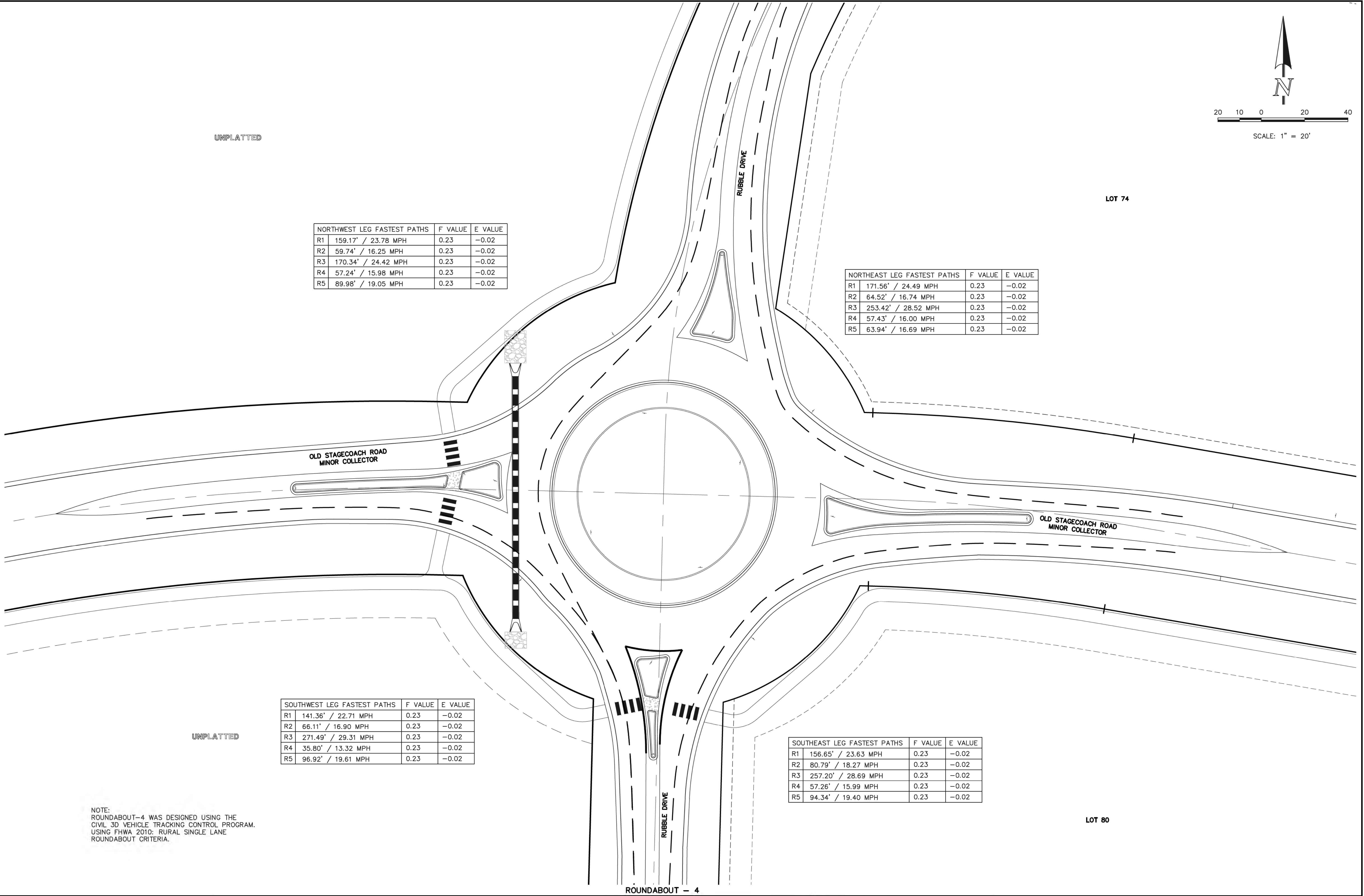
Line #	Length	Direction
L18	7.45	N2° 00' 54.75"E
L19	0.25	S84° 15' 34.25"W
L20	0.09	N1° 47' 38.57"W
L21	9.30	N0° 50' 19.92"W
L22	9.73	S3° 31' 29.59"E
L23	1.89	N77° 47' 20.88"W
L24	4.41	N77° 47' 20.88"W
L25	6.58	S11° 48' 06.58"W
L26	0.09	N1° 16' 13.31"W
L27	3.82	S11° 48' 06.58"W

CURB LABEL NOTE:

LINE AND CURVE TABLES REFER TO TOP BACK OF CURB OF CURB/GUTTER.



N:\109611\DRAWINGS\CONSTRUCTION\109611-51-37.dwg, 9/14/2018 8:35:13 AM, 1:1



48 HOURS BEFORE YOU DIG,  
CALL UTILITY LOCATORS  
**811**

UTILITY NOTIFICATION CENTER OF COLORADO  
IT'S THE LAW

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE  
SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR  
SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING  
UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL  
BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH  
MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND  
PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NO. REVISION

DATE

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WILKINSON, COLORADO P.E. #37155

9/17/18

DATE



619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903

(719)785-0790  
(719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1  
STREET IMPROVEMENT PLAN

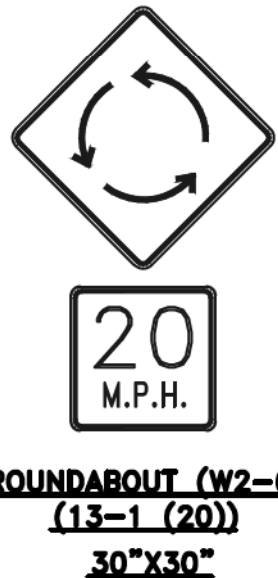
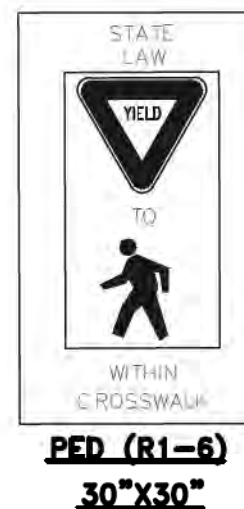
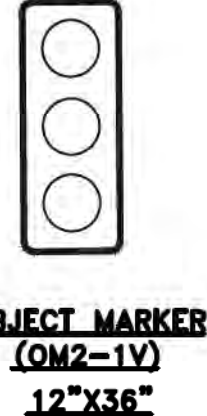
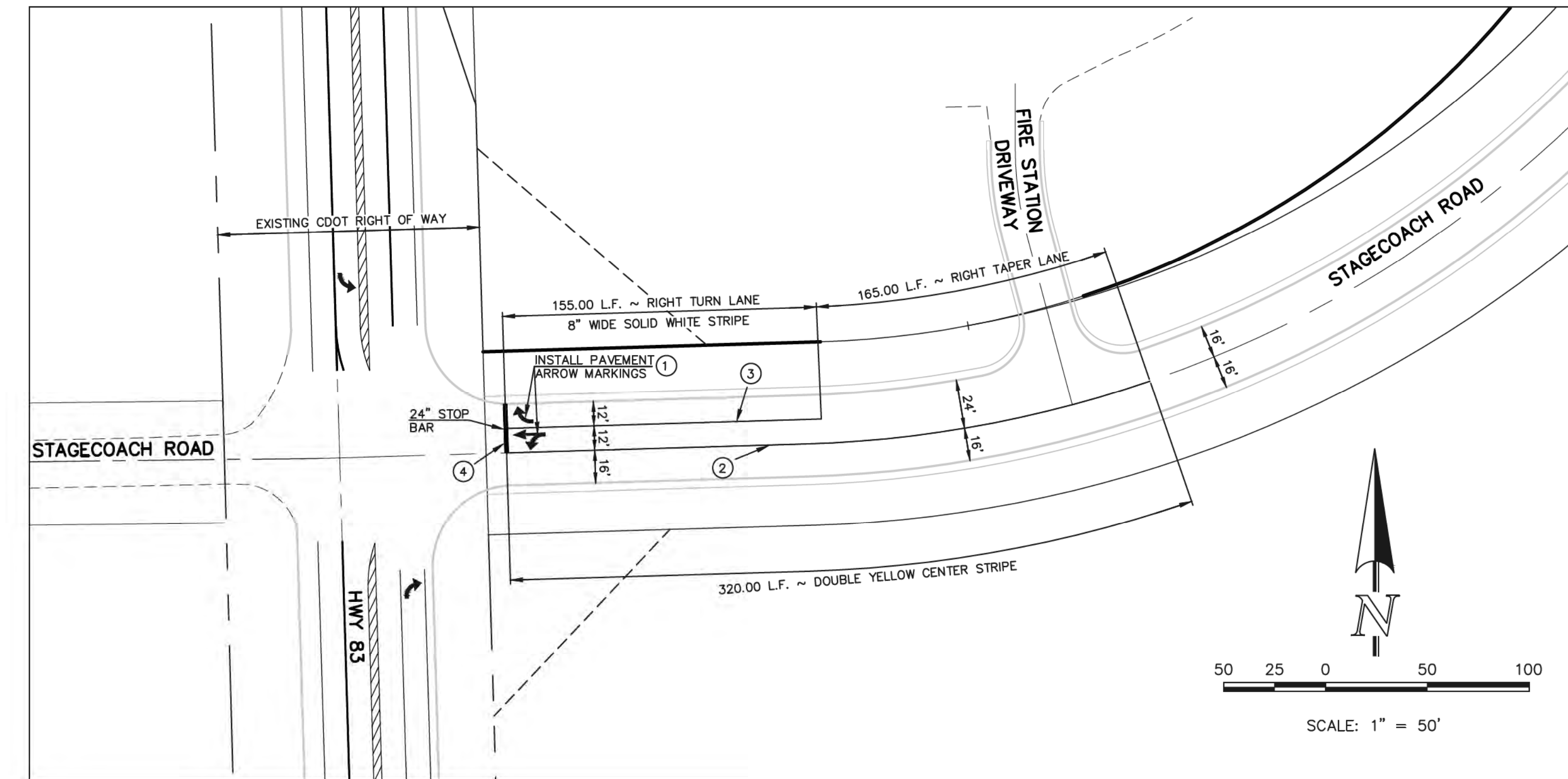
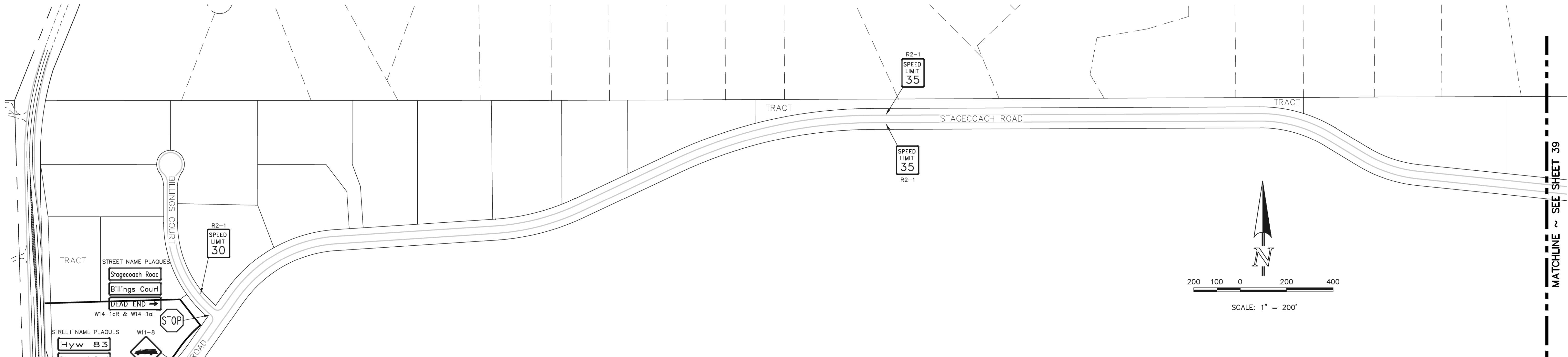
ROUNDABOUT-4  
FASTEST PATHS

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 20'	SHEET	37 OF 45
CHECKED BY		(V) 1"= N/A	JOB NO.	1096.11





N:\0961\DRAWINGS\CONSTRUCTION\0961-S-38 STRIPING-0100.dwg, 9/14/2018 8:36:25 AM, 1:1



**NOTE:**  
ALL INTERNAL SIGNS SHALL BE  
4" FONT LETTER SIZE.

#### NOTE TO CONTRACTOR

SIGNS AND POLES SHALL BE PER CDOT STANDARDS  
S-614-8, S-614-2, AND S-614-3, LATEST REVISION.

ALL SIGNAGE INSTALLATION IS TO BE IN COMPLIANCE WITH  
THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

SEE SHEETS 38-40 FOR SIGNAGE PLANS

STRIPING LEGEND		
STRIPE	PAVEMENT MARKINGS	MARKING DESCRIPTION
1	ARROW MARKINGS (THERMO)	SOLID WHITE, 12" WIDE
2	CENTER STRIPING (EPOXY)	SOLID DOUBLE YELLOW, 4" WIDE, 3" GAP
3	CHANNELIZING LINE (EPOXY)	SOLID WHITE, 8" WIDE
4	STOP BAR (THERMO)	SOLID WHITE, 24" WIDE, 24' LONG

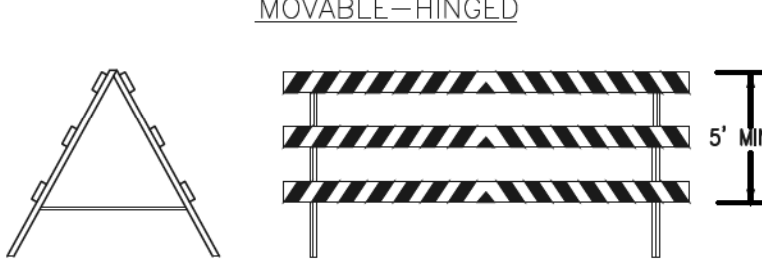
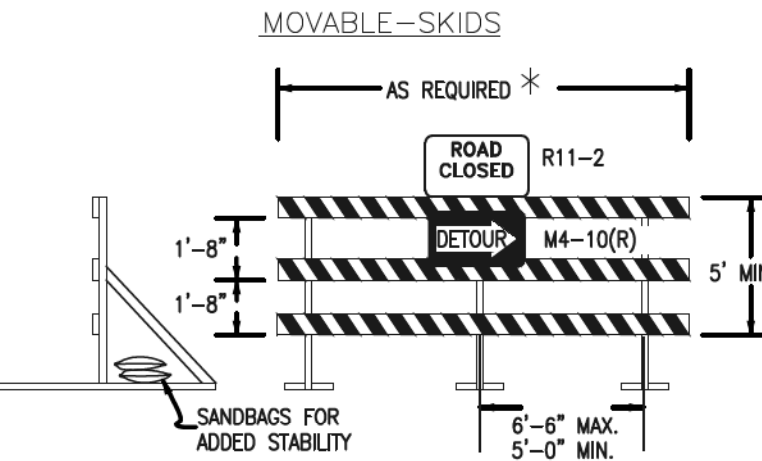
\*NOTE: ALL STRIPING INSTALLATION SHALL BE PER COLORADO DEPARTMENT OF TRANSPORTATION  
"M&S STANDARDS" STANDARD PLAN NO. S-627-1

#### RAIL LENGTH TABLE \*

TYPE 3 BARRICADE		LENGTH
FIXED	MOVABLE	
F - A	M - A	8' - 14'
F - B	M - B	15' - 24'
F - C	M - C	25' - 35'
F - D	M - D	> 35'

#### NOTES

- TYPE 3 BARRICADES HAVE 3 REFLECTORIZED  
RAIL FACES IF FACING TRAFFIC IN ONE  
DIRECTION AND 6 IF FACING TRAFFIC IN  
TWO DIRECTIONS.
- THE PORTION OF THE POST ABOVE THE GROUND  
LINE SHALL BE PAINTED IN ACCORDANCE WITH  
THE APPROPRIATE GENERAL NOTE.
- DETACHABLE EXTENSION WING RAILS FOR  
BYPASSING OF CONSTRUCTION EQUIPMENT  
ARE PERMITTED, WHEN NECESSARY, ON FIXED  
OR MOVABLE TYPE 3 BARRICADES. THE  
LENGTH SHALL BE ADEQUATE TO CLOSE THE  
BORROW PIT AND/OR SHOULDER AS REQUIRED.



#### TYPICAL TYPE 3 BARRICADES

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MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND  
PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NO.	REVISION	DATE
1	REVISED PER COUNTY COMMENTS	7-10-18

REVIEW:	DATE
PREPARED UNDER DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC	9/17/18
MARC A. WHORTON, COLORADO P.E. #37155	DATE

**CLASSIC**  
CONSULTING  
ENGINEERS & SURVEYORS

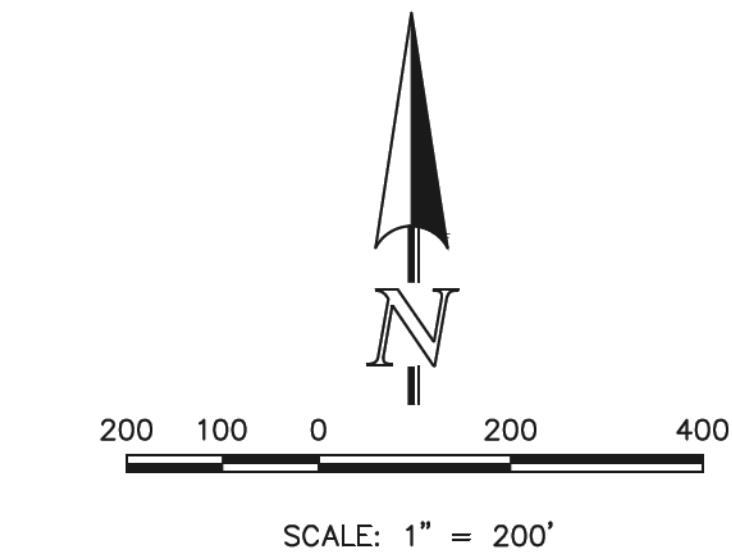
619 N. Cascade Avenue, Suite 200  
Colorado Springs, Colorado 80903



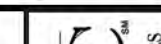
(719) 785-0790  
(719) 785-0799 (Fax)

FLYING HORSE NORTH FILING NO. 1 CONSTRUCTION DRAWINGS STRIPING & SIGNAGE INDEX MAP			
DESIGNED BY	PRA	SCALE	DATE 05-02-18
DRAWN BY	PRA	(H) 1"= 200'	SHEET 38 OF 45
CHECKED BY		(V) 1"= N/A	JOB NO. 1096.11







48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS <b>811</b> UTILITY NOTIFICATION CENTER OF COLORADO IT'S THE LAW  THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.		NO. REVISION 1 REVISED PER COUNTY COMMENTS DATE 7-10-18		REVIEW:  PREPARED UNDER DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC MARC A. WHORTON, COLORADO P.E. #37155 9/17/18		<div style="text-align: center;">  <p><b>CLASSIC<sup>SM</sup></b> CONSULTING ENGINEERS &amp; SURVEYORS</p> </div> <div>             619 N. Cascade Avenue, Suite 200 (719)785-0790              Colorado Springs, Colorado 80903 (719)785-0799(Fax)           </div>		<b>FLYING HORSE NORTH FILING NO. 1</b> <b>CONSTRUCTION DRAWINGS</b> STRIPING & SIGNAGE INDEX MAP <div>             DESIGNED BY _____ PRA _____ SCALE _____ DATE 05-02-18              DRAWN BY _____ PRA (H) 1" = 200' SHEET 39 OF 45              CHECKED BY _____ (V) 1" = N/A JOB NO. 1096.11           </div>		<div style="writing-mode: vertical-rl; transform: rotate(180deg);">  <p><b>CLASSIC<sup>SM</sup></b> CONSULTING ENGINEERS &amp; SURVEYORS</p> </div>	
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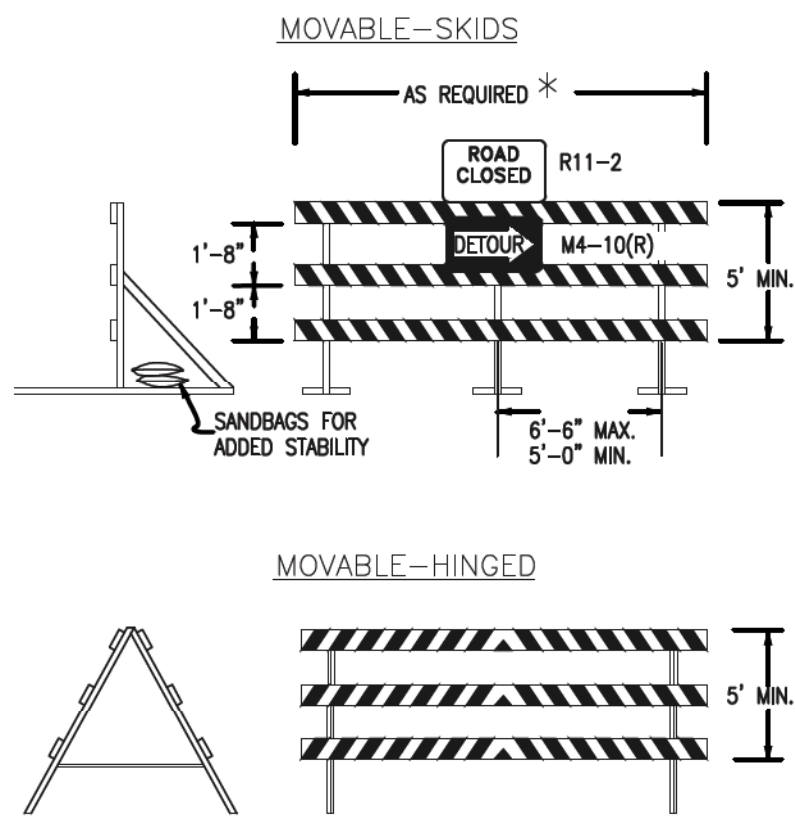
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RAIL LENGTH TABLE \*

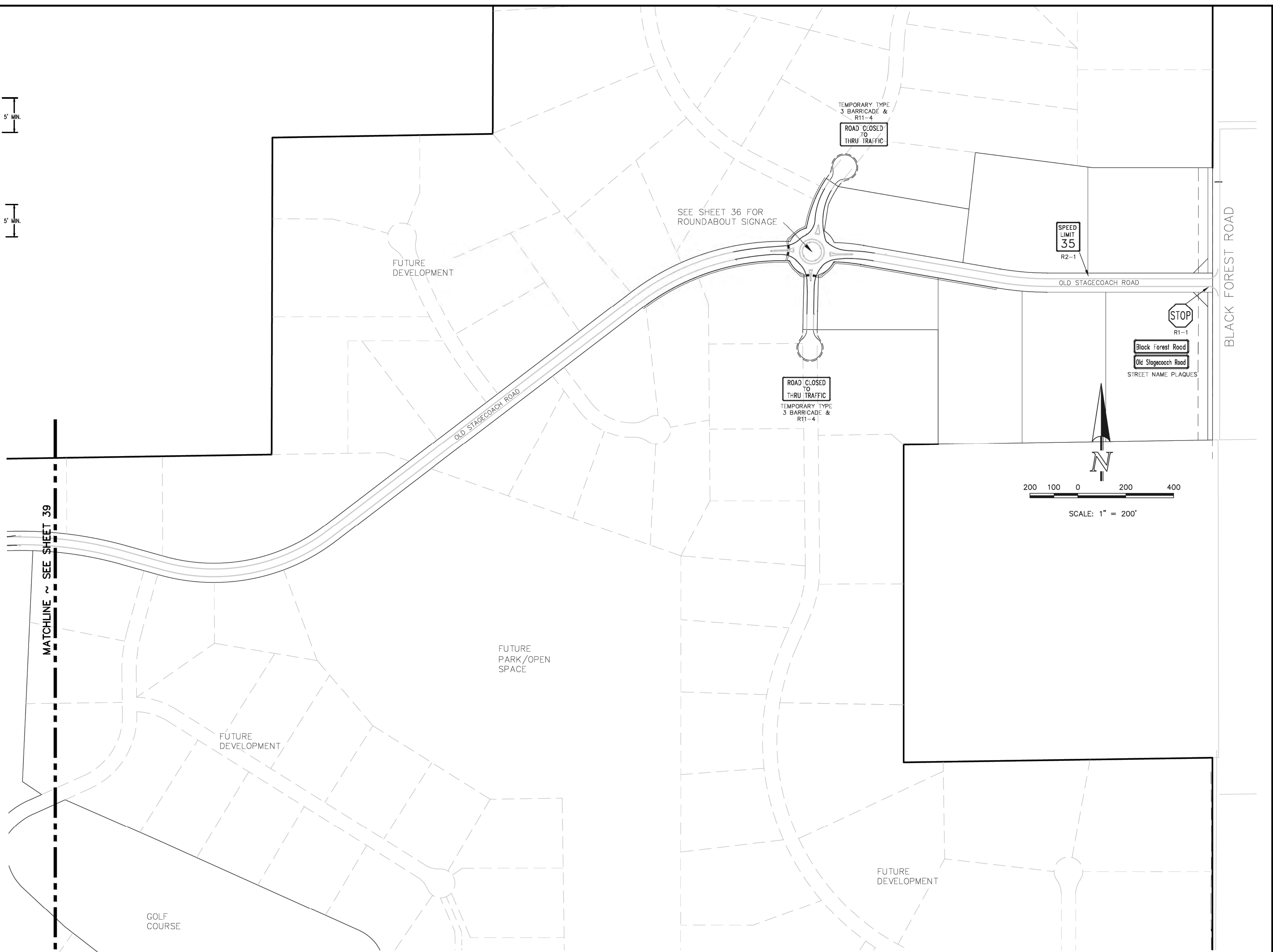
TYPE 3 BARRICADE		LENGTH
FIXED	MOVABLE	
F - A	M - A	8'- 14'
F - B	M - B	15'- 24'
F - C	M - C	25'- 35'
F - D	M - D	> 35'

NOTES

1. TYPE 3 BARRICADES HAVE 3 REFLECTORIZED RAIL FACES IF FACING TRAFFIC IN ONE DIRECTION AND 6 IF FACING TRAFFIC IN TWO DIRECTIONS.
2. THE PORTION OF THE POST ABOVE THE GROUND LINE SHALL BE PAINTED IN ACCORDANCE WITH THE APPROPRIATE GENERAL NOTE.
3. DETACHABLE EXTENSION WING RAILS FOR BYPASSING OF CONSTRUCTION EQUIPMENT ARE PERMITTED, WHEN NECESSARY, ON FIXED OR MOVABLE TYPE 3 BARRICADES. THE LENGTH SHALL BE ADEQUATE TO CLOSE THE BORROW PIT AND/OR SHOULDER AS REQUIRED.



TYPICAL TYPE 3 BARRICADES



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NO. REVISION

DATE

1 REVISED PER COUNTY COMMENTS

7-10-18

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF  
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WHORTON/COLORADO P.E. #37155

9/17/18

DATE



619 N. Cascade Avenue, Suite 200 (719)785-0790  
Colorado Springs, Colorado 80903 (719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1  
CONSTRUCTION DRAWINGS

STRIPING & SIGNAGE INDEX MAP

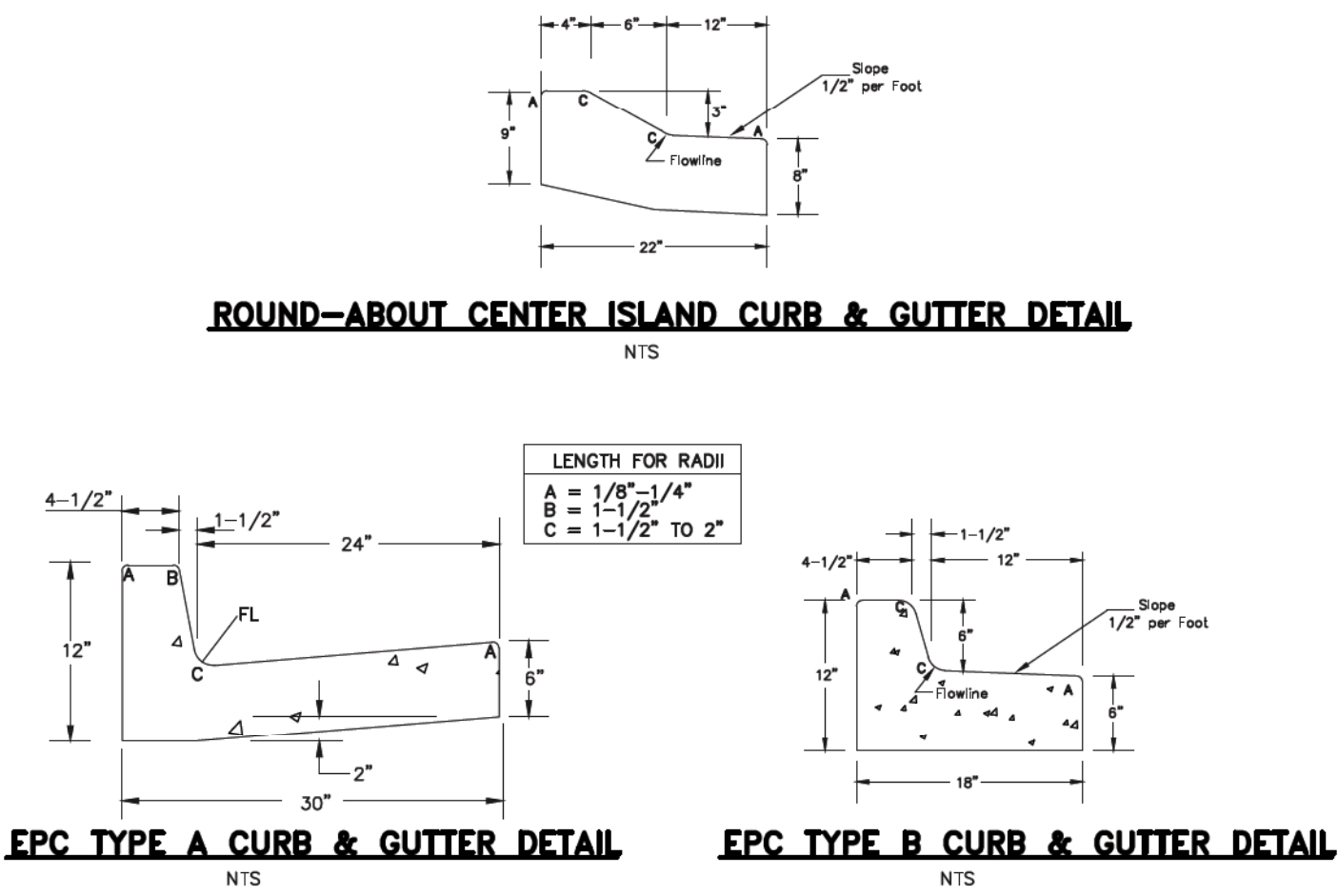
DESIGNED BY PRA SCALE DATE 05-02-18

DRAWN BY PRA (H) 1" = 200' SHEET 40 OF 45

CHECKED BY (V) 1" = N/A JOB NO. 1096.11







ROUND-ABOUT CENTER ISLAND CURB & GUTTER DETAIL

NTS

EPC TYPE A CURB & GUTTER DETAIL

NTS

EPC TYPE B CURB & GUTTER DETAIL

NTS



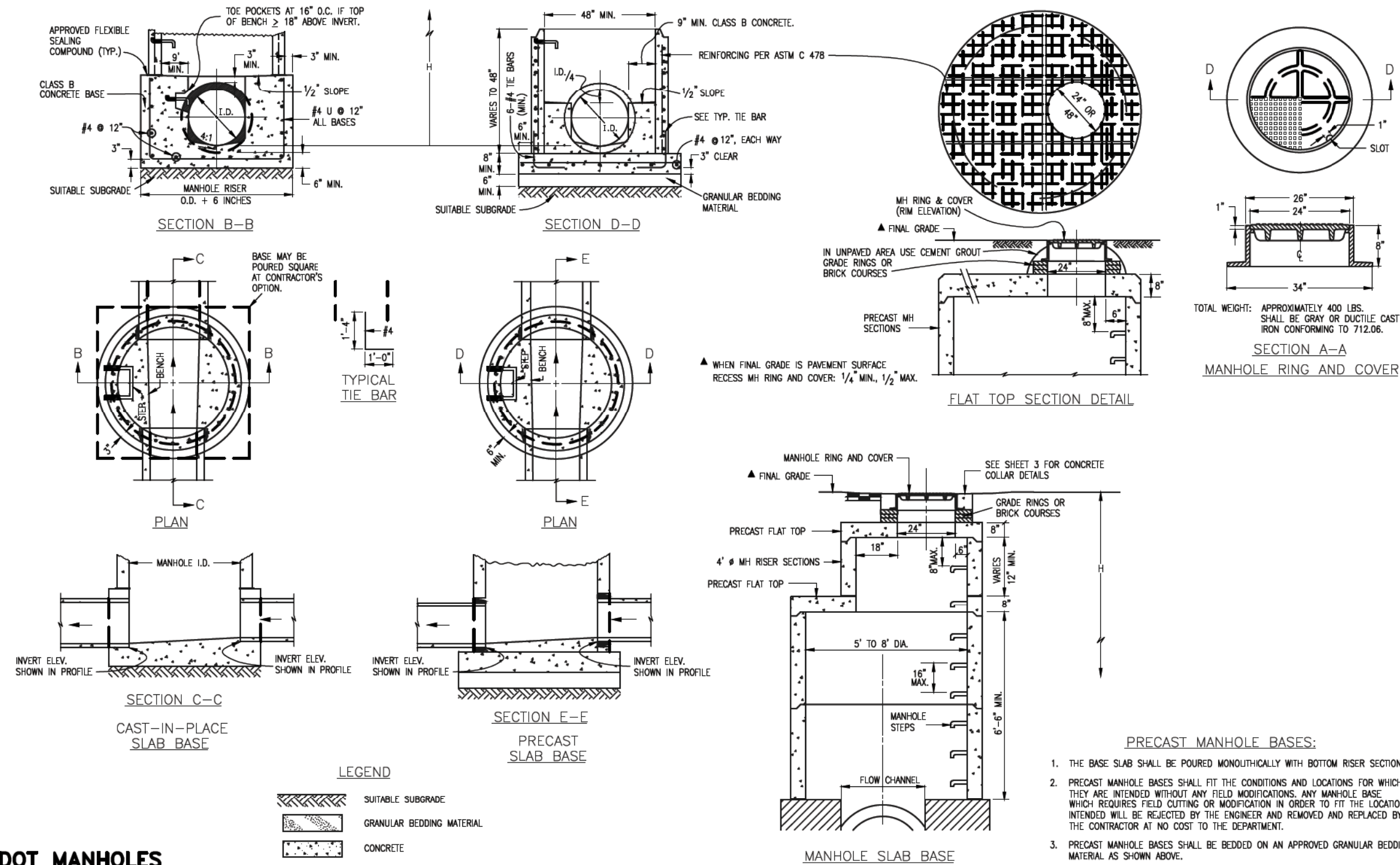
CDOT R1-1 STOP SIGN



CDOT R2-1 SPEED LIMIT SIGN  
(LOCAL RES. STREETS)



CDOT R2-1 SPEED LIMIT SIGN  
(COLLECTOR STREETS)



CDOT MANHOLES  
STD. PLAN NO: M-604-20

48 HOURS BEFORE YOU DIG, CALL UTILITY LOCATORS <b>811</b> UTILITY NOTIFICATION OF COLORADO IT'S THE LAW THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.	NO. REVISION DATE	REVIEW: PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC 9/17/18 DATE MARC A. WHORTON, COLORADO P.E. #37155	FLYING HORSE NORTH FILING NO. 1 CONSTRUCTION PLANS DETAIL SHEET DESIGNED BY MAW SCALE (H) 1"= N/A (V) 1"= N/A DATE 12-12-17 SHEET 45 OF 45 JOB NO. 1096.11
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