FLYING HORSE NORTH FILING NO. 1

COUNTY OF EL PASO, STATE OF COLORADO

STREET IMPROVEMENT PLANS

JULY 2018

GENERAL CONSTRUCTION NOTES:

1. 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.
2. BEFORE COMMENCING ANY EXCAVATION, CALL **1-800-922-1987** FOR EXISTING UTILITY LOCATIONS.
3. 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.
4. 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.
5. ALL STATIONING IS CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE CENTERLINE UNLESS OTHERWISE INDICATED.
6. 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.
7. ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO THE EPC ECM APPENDIX K – 1.2C.
8. ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
9. BUILDING CONTRACTORS WILL BE RESPONSIBLE FOR CONSTRUCTING POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES.
10. 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.
11. 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.
12. 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
13. 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:

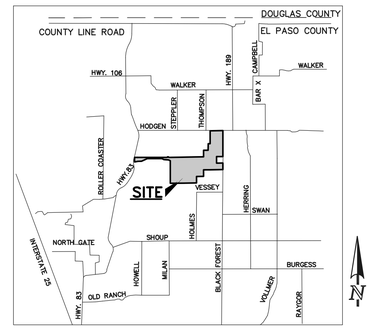
1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION 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).
3. 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:
   a. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)
   b. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
   c. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
   d. CDOT M & S STANDARDS
4. 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.
5. 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.
6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT – INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
7. 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.
8. 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.
9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY DSD.
10. 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.
11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.
12. 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.
13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DOT AND MUTCD CRITERIA.
14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.
15. 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:

1. ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. 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.
3. ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
4. 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.
5. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
6. ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
7. 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."
8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
9. ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
10. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
11. 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.
12. 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.
13. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT **(719) 520-6819** PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
14. 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

1. 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
2. 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



VICINITY MAP
N.T.S.

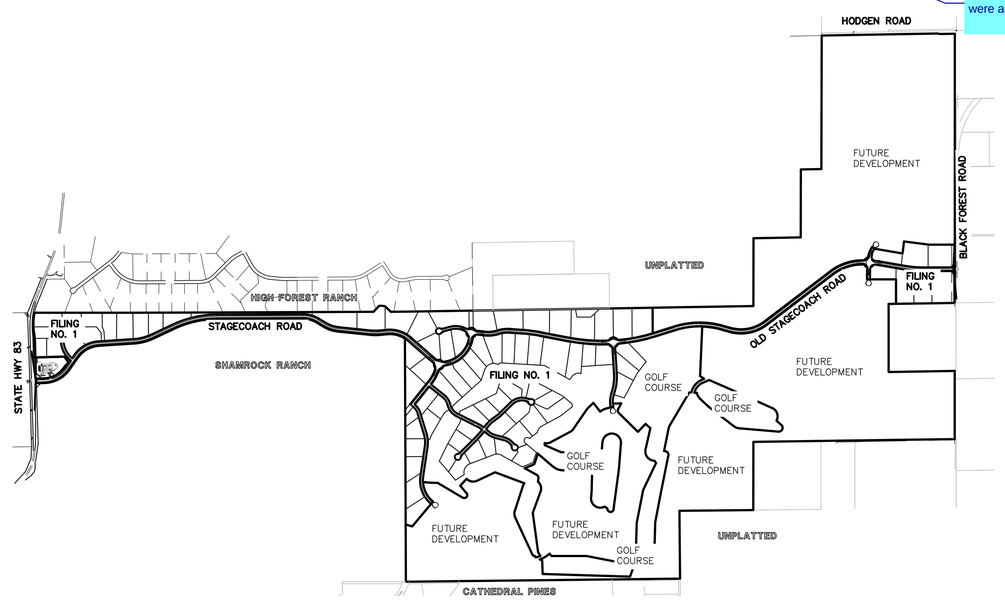
AGENCIES:

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 VINNY BURNS, (719) 488-8680
FIRE DISTRICT:	BLACK FOREST FIRE PROTECTION DISTRICT 11445 TEACHOUT ROAD COLORADO SPRINGS, CO 80908 CHIEF BRYAN JACK, (719) 495-4300
TELEPHONE COMPANY:	CENTURY LINK (LOCATORS) 811 AT & T (LOCATORS) 811

SHEET INDEX

SHEET 1 OF 58	TITLE SHEET
SHEET 2 OF 58	INDEX SHEET
SHEET 2A OF 58	TYPICAL ROADWAY SECTIONS
SHEETS 3-17 OF 58	STAGECOACH RD. / OLD STAGECOACH RD. / SHORTWALL DR. PLAN AND PROFILES
SHEETS 18-25 OF 58	LOCAL ROAD PLAN AND PROFILES
SHEETS 26-37 OF 58	ROUND-ABOUT PLANS
SHEETS 38-44 OF 58	CULVERT PLAN AND PROFILES (SEPARATE SET OF PLANS)
SHEETS 45-54 OF 58	DETENTION FACILITY PLANS (SEPARATE SET OF PLANS)
SHEETS 55-57 OF 58	STRIPING AND SIGNAGE PLANS
SHEETS 58 OF 58	DETAIL SHEETS

Update to match the content. Round-about plans are missing unable to verify if review 3 comments were addessed.



KEY MAP
SCALE: N.T.S.

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 DATE
FOR AND ON THE BEHALF OF CLASSIC CONSULTING ENGINEERS & SURVEYORS

OWNER/DEVELOPER'S STATEMENT:

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

MR. DREW BALSICK DATE
PRI #2

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.

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

PCD No. SF-18-001

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

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

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

MARC A. WHORTON, COLORADO P.E. #37155 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 PLANS
TITLE SHEET

DESIGNED BY	MAW	SCALE		DATE	10-2-17
DRAWN BY	MAW	(H) 1"=	N/A	SHEET	1 OF 58
CHECKED BY		(V) 1"=	N/A	JOB NO.	1096.11

N:\10961\DRAWINGS\CONSTRUCTION\10961-S-01 - STREETS ONLY.dwg, 7/10/2018 2:10:24 PM, 1:1

STREET PLAN SHEETS DEPICTED BELOW
(SHEETS 3–25)

ROUND–ABOUT SHEETS
(SHEETS 26–37)

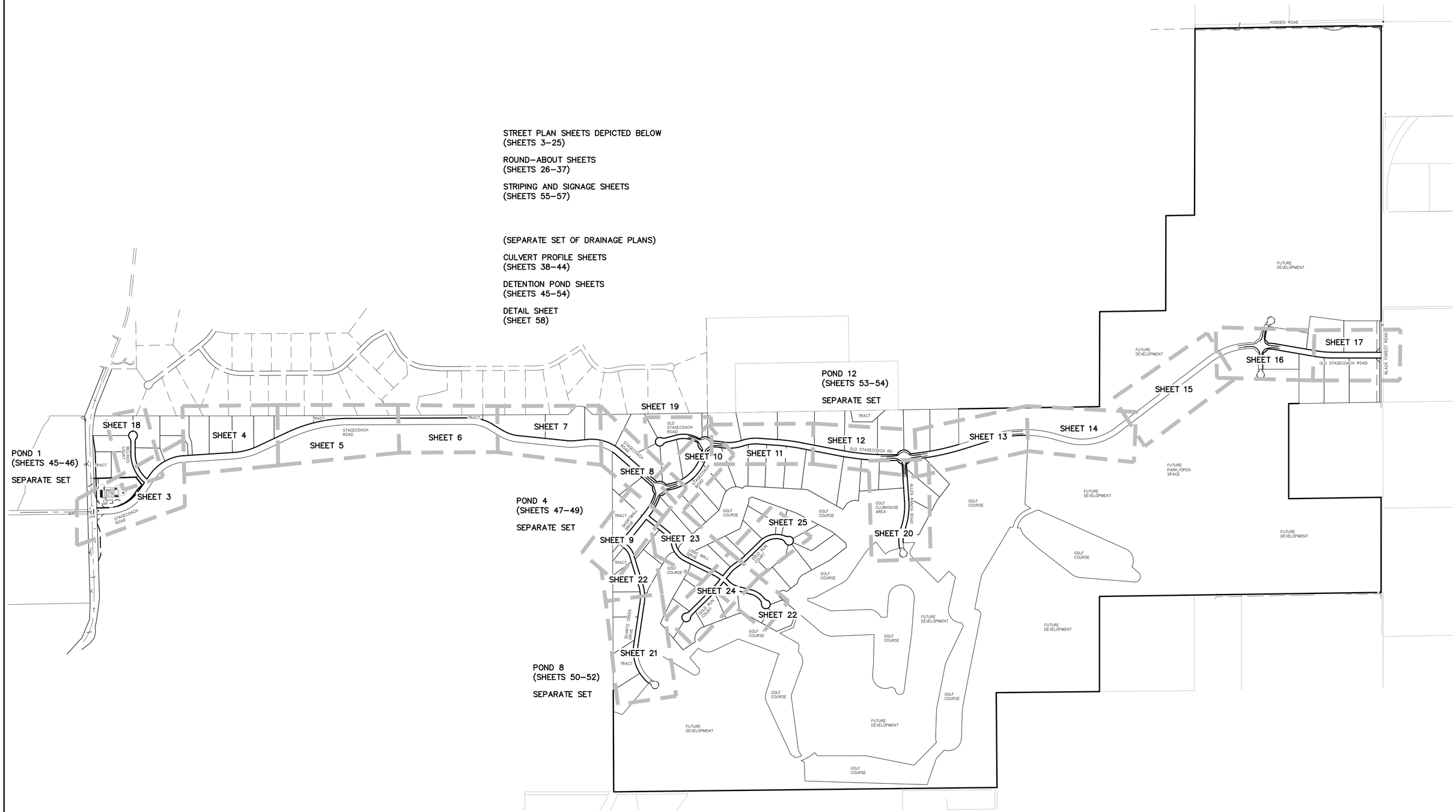
STRIPING AND SIGNAGE SHEETS
(SHEETS 55–57)

(SEPARATE SET OF DRAINAGE PLANS)

CULVERT PROFILE SHEETS
(SHEETS 38–44)

DETENTION POND SHEETS
(SHEETS 45–54)

DETAIL SHEET
(SHEET 58)



N

600 300 0 600 1200

SCALE: 1" = 600'

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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 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
INDEX MAP

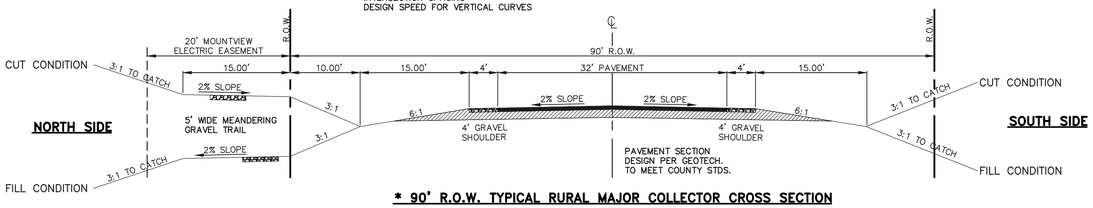
DESIGNED BY	MAW	SCALE	DATE 4-4-18
DRAWN BY	MAW	(H) 1"= 600'	SHEET 2 OF 58
CHECKED BY		(V) 1"= N/A	JOB NO. 1096.11

N:\1096\11\DRAWINGS\CONSTRUCTION\109611-SI-02.dwg, 7/10/2018 1:56:25 PM, 1:1

* 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:

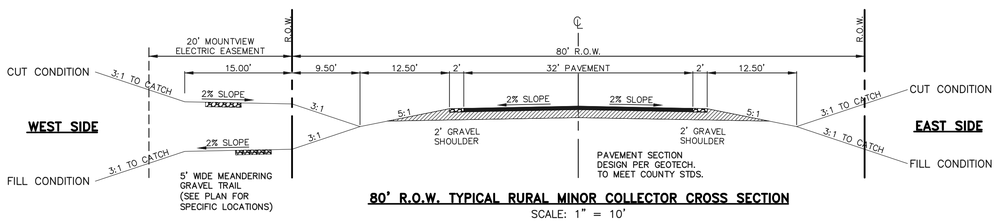
MIN. CL CURVE RADIUS
LOT ACCESS PERMITTED
INTERSECTION SPACING
DESIGN SPEED FOR VERTICAL CURVES



*** 90' R.O.W. TYPICAL RURAL MAJOR COLLECTOR CROSS SECTION**

SCALE: 1" = 10'

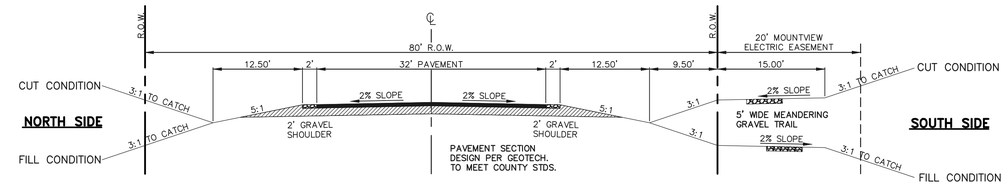
STAGECOACH ROAD
(HIGHWAY 83 TO FIRST ROUND–ABOUT)



80' R.O.W. TYPICAL RURAL MINOR COLLECTOR CROSS SECTION

SCALE: 1" = 10'

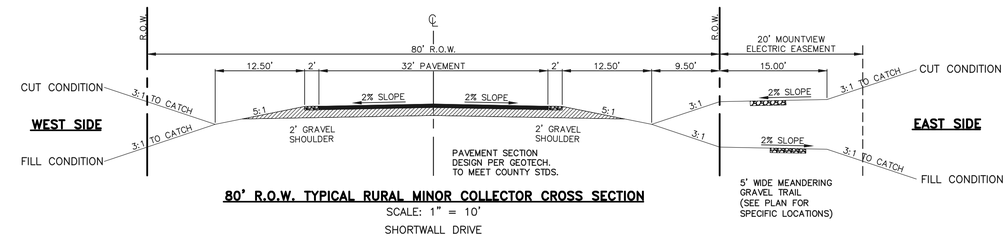
STAGECOACH ROAD (BETWEEN 1ST AND 2ND ROUND–ABOUTS)



80' R.O.W. TYPICAL RURAL MINOR COLLECTOR CROSS SECTION

SCALE: 1" = 10'

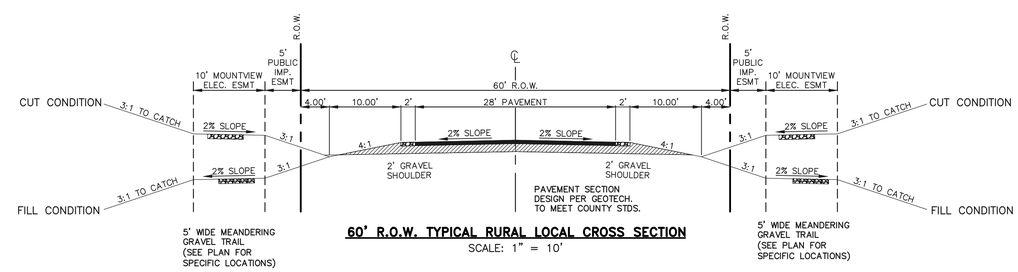
OLD STAGECOACH ROAD



80' R.O.W. TYPICAL RURAL MINOR COLLECTOR CROSS SECTION

SCALE: 1" = 10'

SHORTWALL DRIVE



60' R.O.W. TYPICAL RURAL LOCAL CROSS SECTION

SCALE: 1" = 10'

48 HOURS BEFORE YOU DIG,
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811
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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 DATE

CLASSIC CONSULTING ENGINEERS & SURVEYORS
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
TYPICAL ROADWAY CROSS SECTION DETAILS

DESIGNED BY	MAW	SCALE		DATE	5/14/18
DRAWN BY	MAW	(H) 1"= 10'		SHEET 2A	OF 58
CHECKED BY		(V) 1"= N/A		JOB NO.	1096.11

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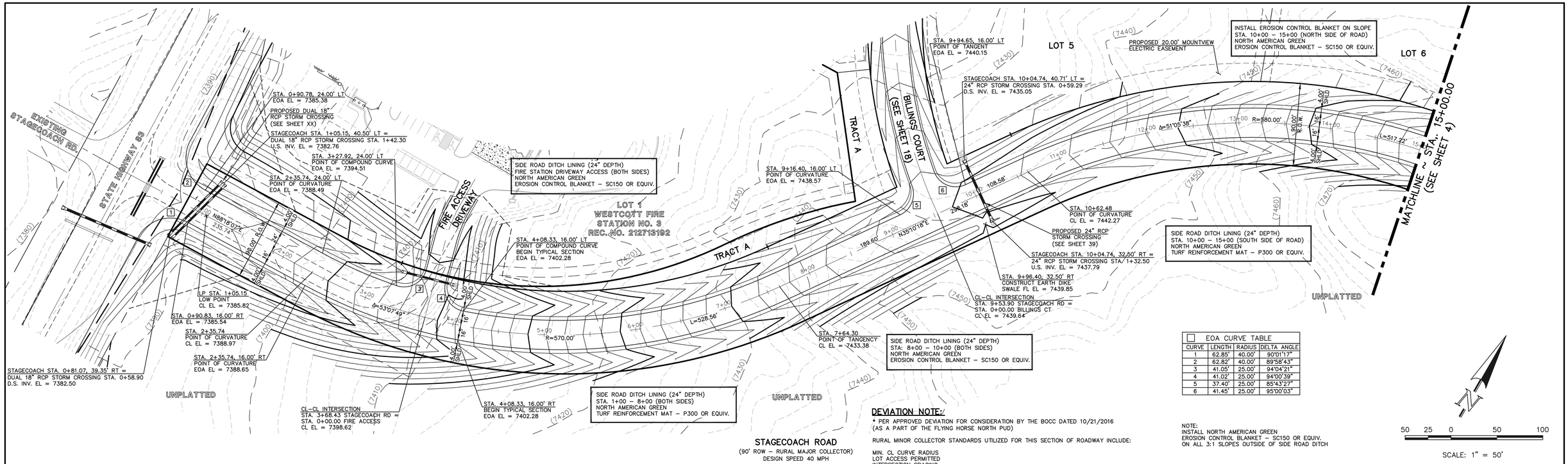


EOA CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA ANGLE
1	62.85'	40.00'	90°01'17"
2	62.82'	40.00'	89°58'43"
3	41.05'	25.00'	94°04'21"
4	41.02'	25.00'	94°00'39"
5	37.40'	25.00'	85°43'27"
6	41.45'	25.00'	95°00'03"

DEVIATION NOTE:

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

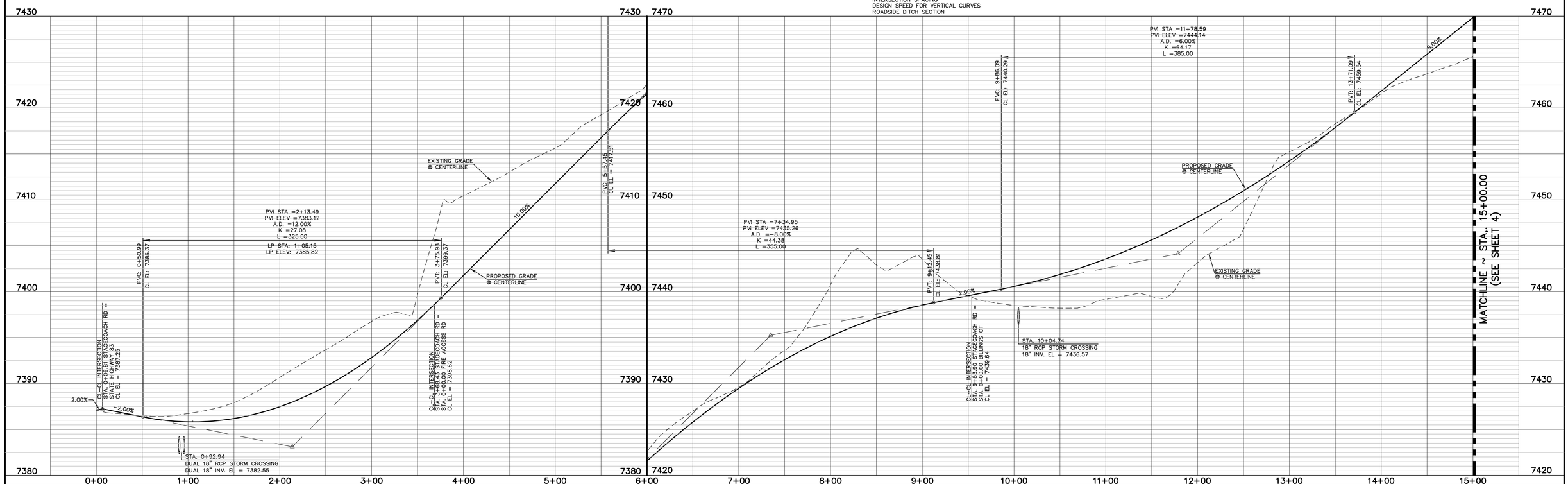
RURAL MINOR COLLECTOR STANDARDS UTILIZED FOR THIS SECTION OF ROADWAY INCLUDE:

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

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

REVIEW:

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

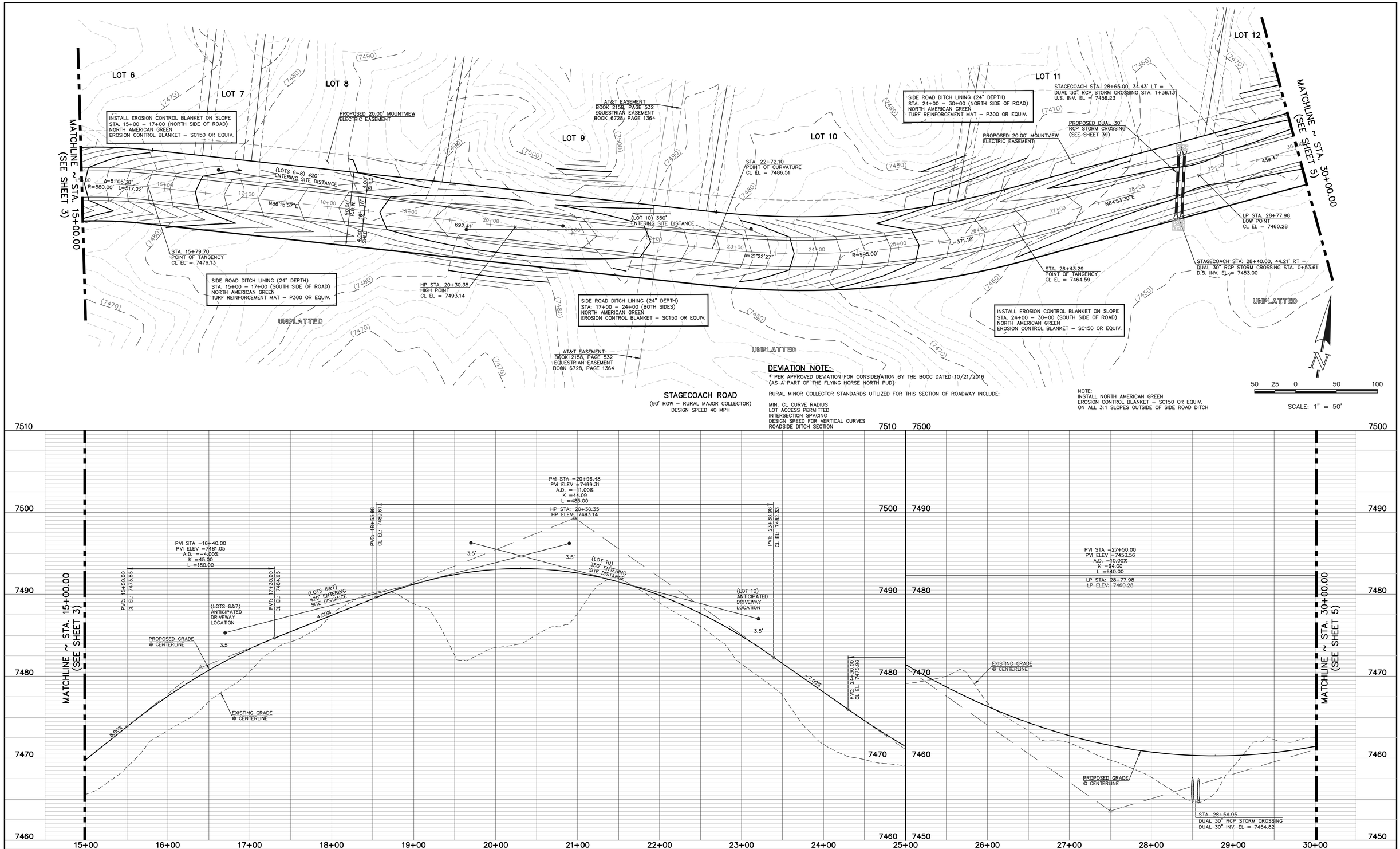
MARC A. WHORTON, COLORADO P.E. #37155 DATE

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. 0+00.00 – STA. 15+00.00

DESIGNED BY	PRA	SCALE	DATE 08-11-17
DRAWN BY	PRA	(H) 1"= 50'	SHEET 3 OF 58
CHECKED BY		(V) 1"= 5'	JOB NO. 1096.11

N:\1096\11\DRAWINGS\CONSTRUCTION\109611-S1-03.dwg, 6/14/2018 11:51:30 AM, 1:1



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

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

REVIEW:

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

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

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(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 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

SHEARER & WHORTON CONSULTING ENGINEERS INC. CLASSIC

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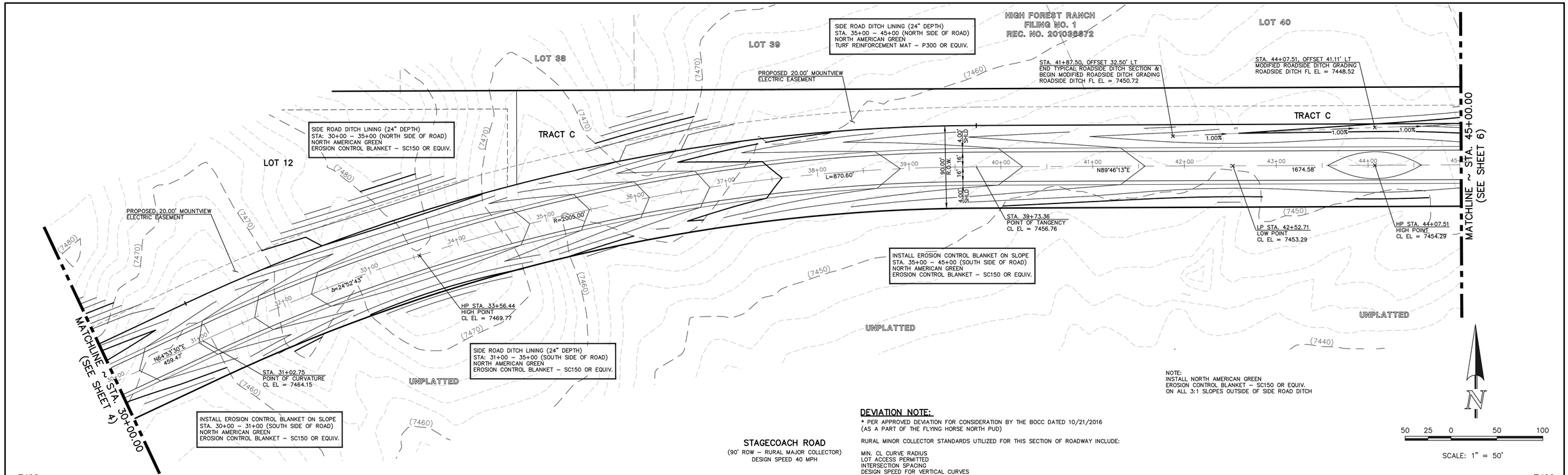

NOTE:
INSTALL NORTH AMERICAN GREEN
EROSION CONTROL BLANKET – SC150 OR EQUIV.
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH

SCALE: 1" = 50'

STAGECOACH ROAD

(90' ROW – RURAL MAJOR COLLECTOR)
DESIGN SPEED 40 MPH

DEVIATION NOTE:

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(AS A PART OF THE FLYING HORSE NORTH PUD)

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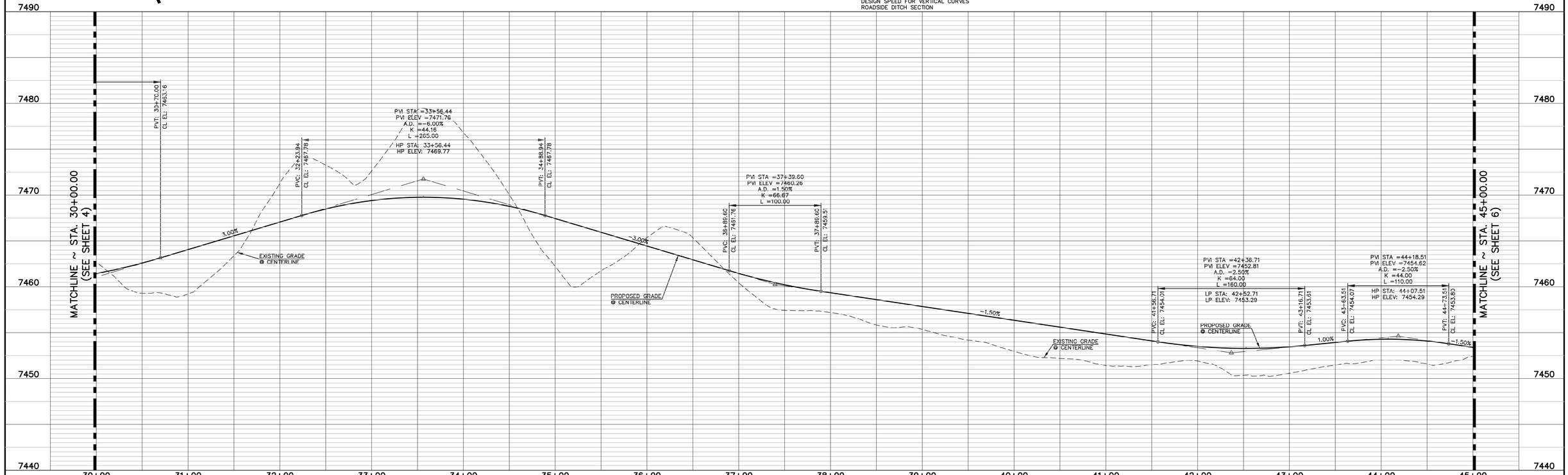
LOT ACCESS PERMITTED
INTERSECTION SPACING
DESIGN SPEED FOR VERTICAL CURVES
ROADSIDE DITCH SECTION



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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 DATE

CLASSIC SM
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. 30+00.00 – STA. 45+00.00

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET	5 OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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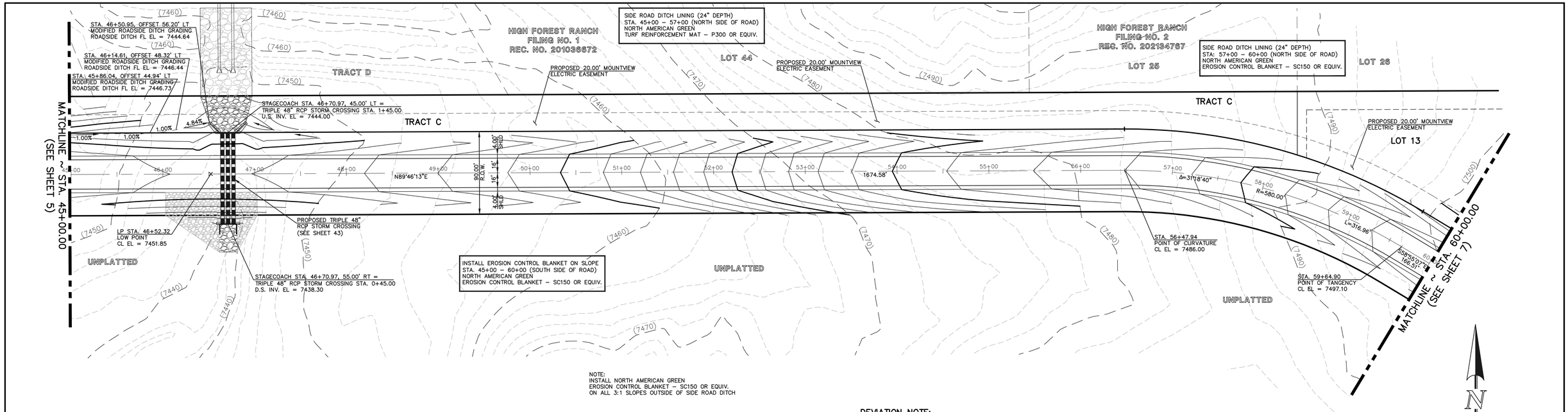

NOTE:
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EROSION CONTROL BLANKET – SC150 OR EQUIV.
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH

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)

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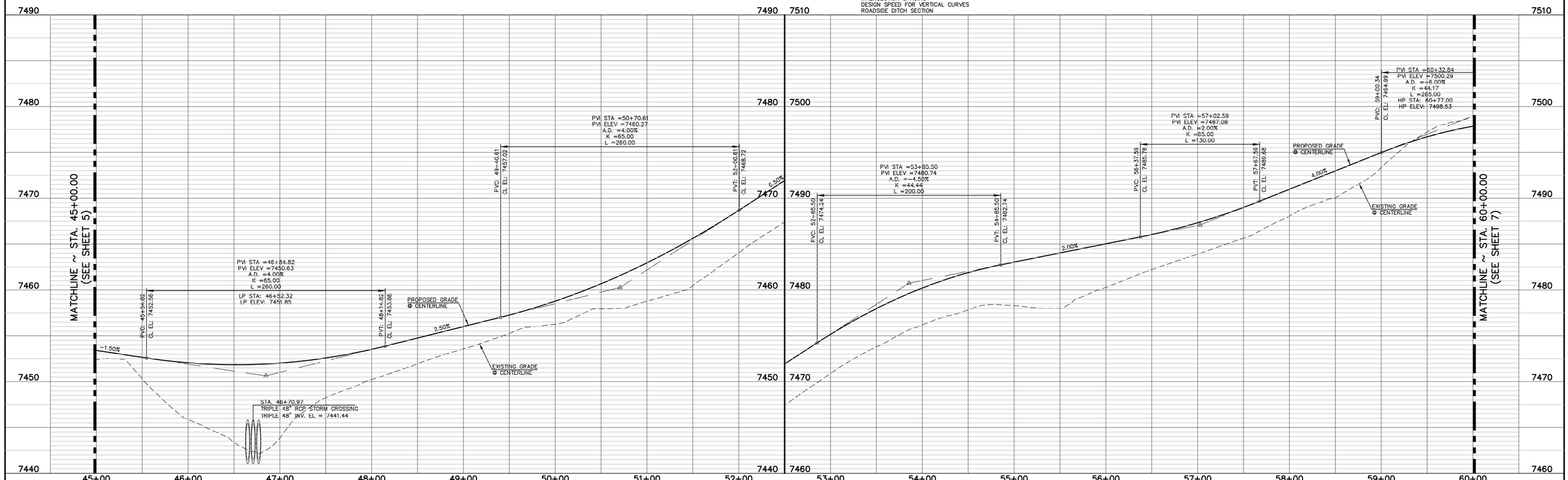
INTERSECTION SPACING
DESIGN SPEED FOR VERTICAL CURVES
ROADSIDE DITCH SECTION



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REVIEW:

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MARC A. WHORTON, COLORADO P.E. #37155 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
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 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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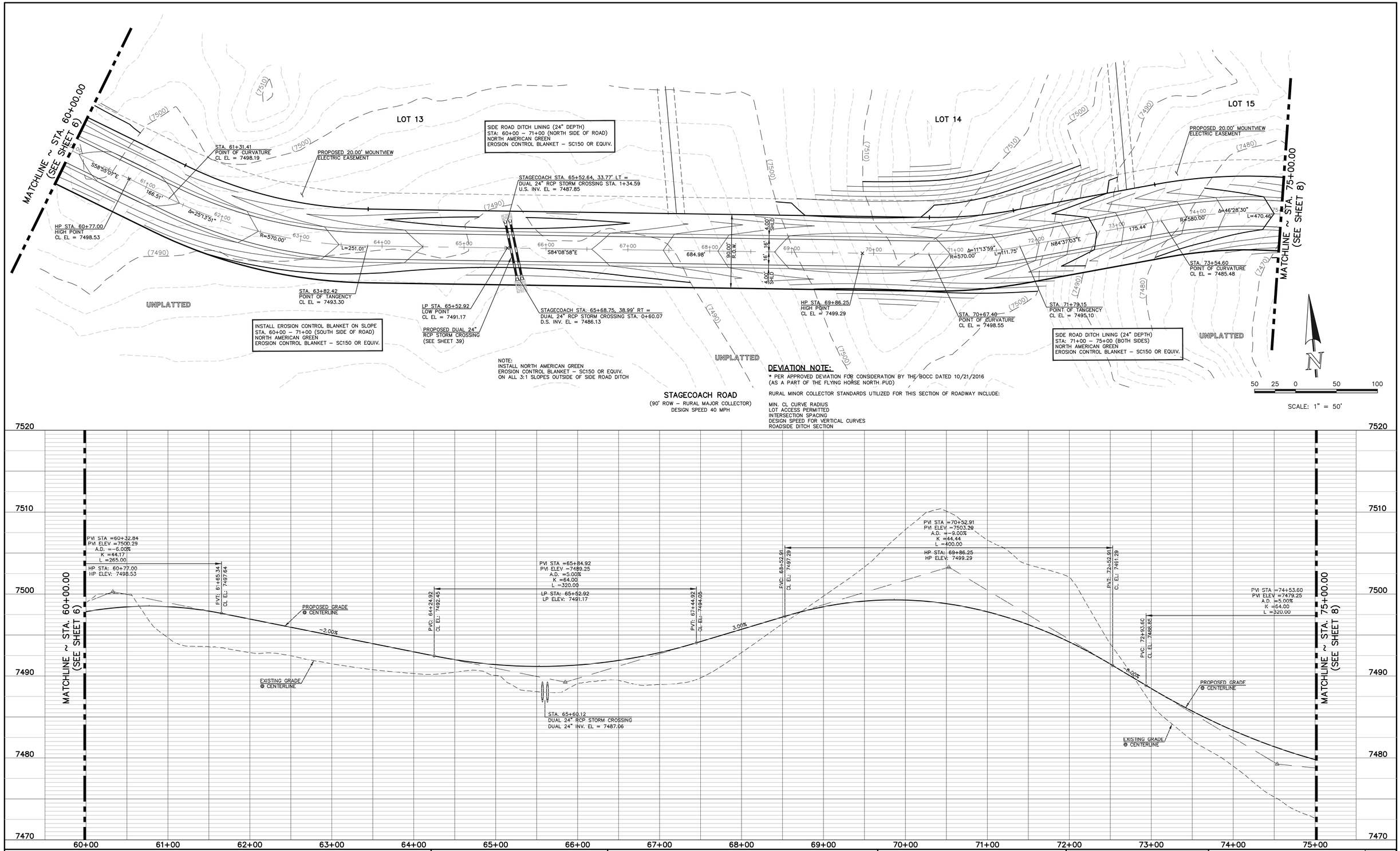

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Colorado Springs, Colorado 80903
(719)785-0790
(719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1
STREET IMPROVEMENT PLAN
STAGECOACH ROAD
STA. 60+00.00 – STA. 75+00.00

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 7	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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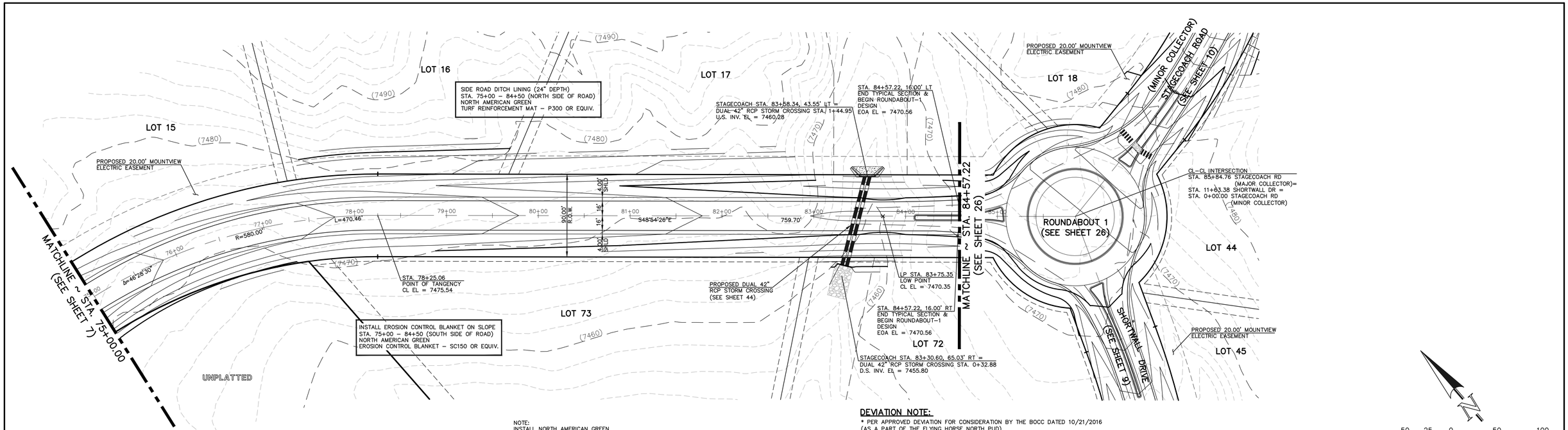


NOTE:
INSTALL NORTH AMERICAN GREEN
EROSION CONTROL BLANKET – SC150 OR EQUIV.
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH

STAGECOACH ROAD

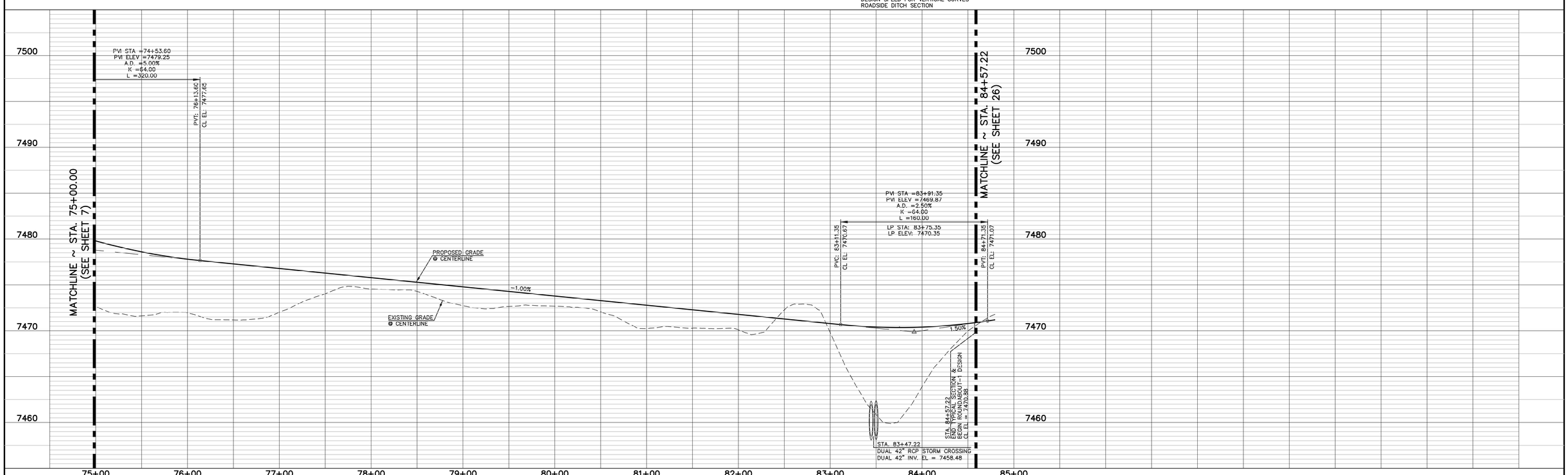
(90' ROW – RURAL MAJOR COLLECTOR)
DESIGN SPEED 40 MPH

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



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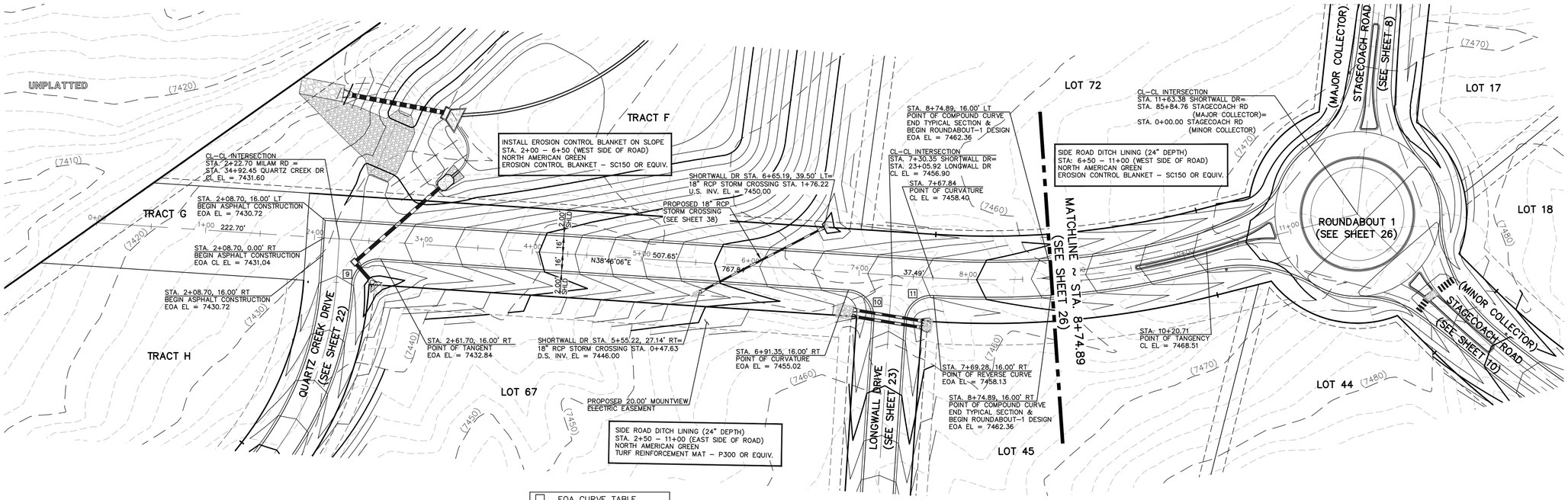
619 N. Cascade Avenue, Suite 200 (719)785-0790
Colorado Springs, Colorado 80903 (719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1
STREET IMPROVEMENT PLAN
STAGECOACH ROAD
STA. 75+00.00 – STA. 84+57.22

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 8	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

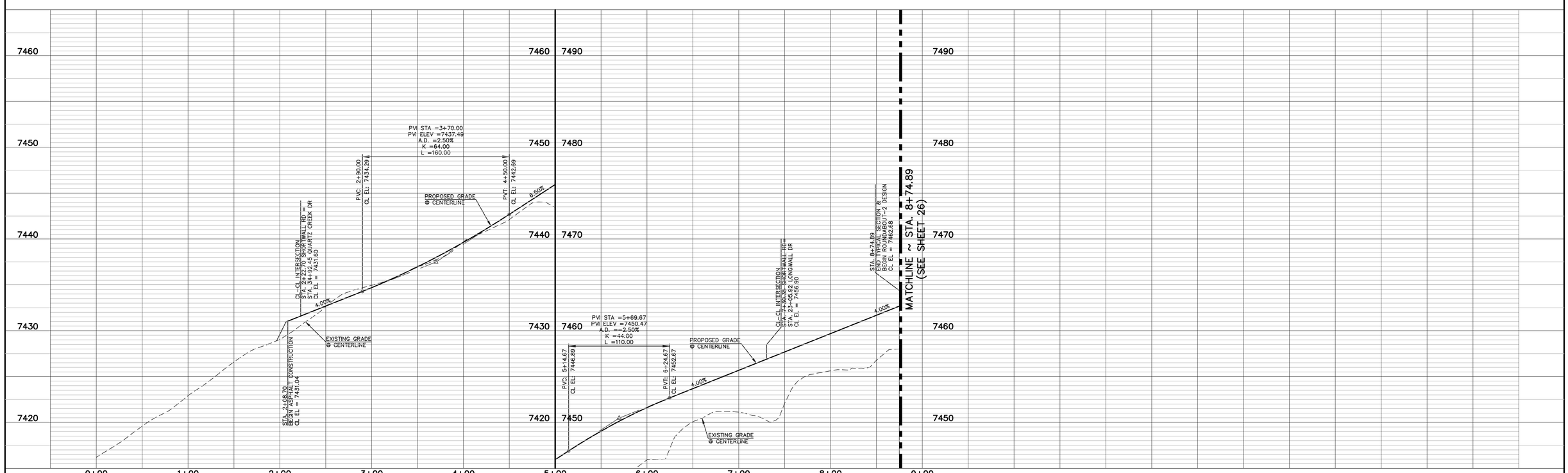


EOA CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA ANGLE
9	39.20'	25.00'	89°49'52"
10	39.27'	25.00'	90°00'00"
11	39.23'	25.00'	89°53'50"

SHORTWALL DRIVE
(80' ROW – MINOR COLLECTOR)
DESIGN SPEED 40 MPH

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

50 25 0 50 100
SCALE: 1" = 50'



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

FLYING HORSE NORTH FILING NO. 1
STREET IMPROVEMENT PLAN
SHORTWALL DRIVE
STA. 2+08.70 – STA. 8+74.89

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 9	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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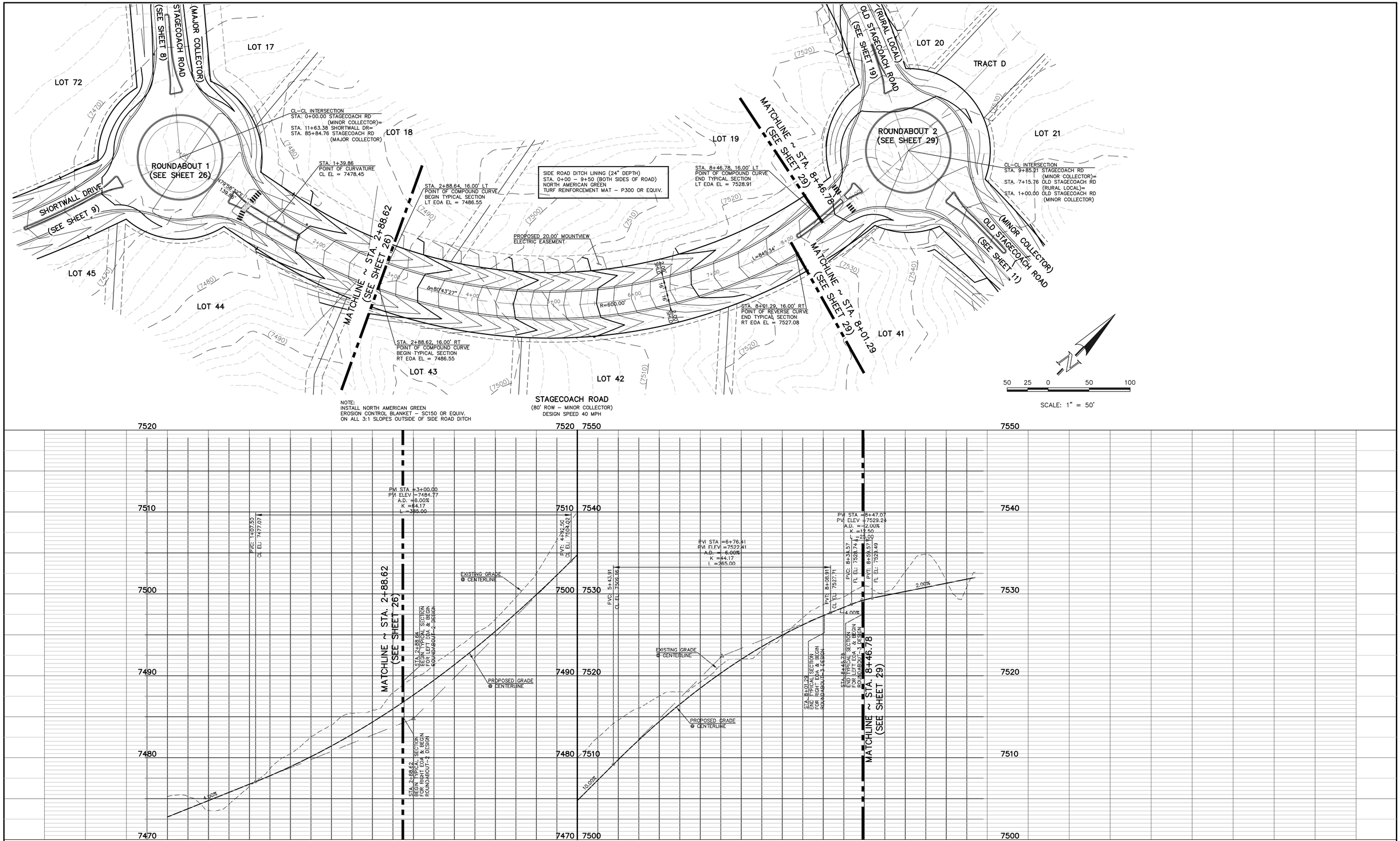

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(719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1
STREET IMPROVEMENT PLAN
STAGECOACH ROAD – MINOR COLLECTOR
STA. 2+88.62 – STA. 8+46.78

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"=	50'	SHEET 10	OF 58
CHECKED BY		(V) 1"=	5'	JOB NO.	1096.11

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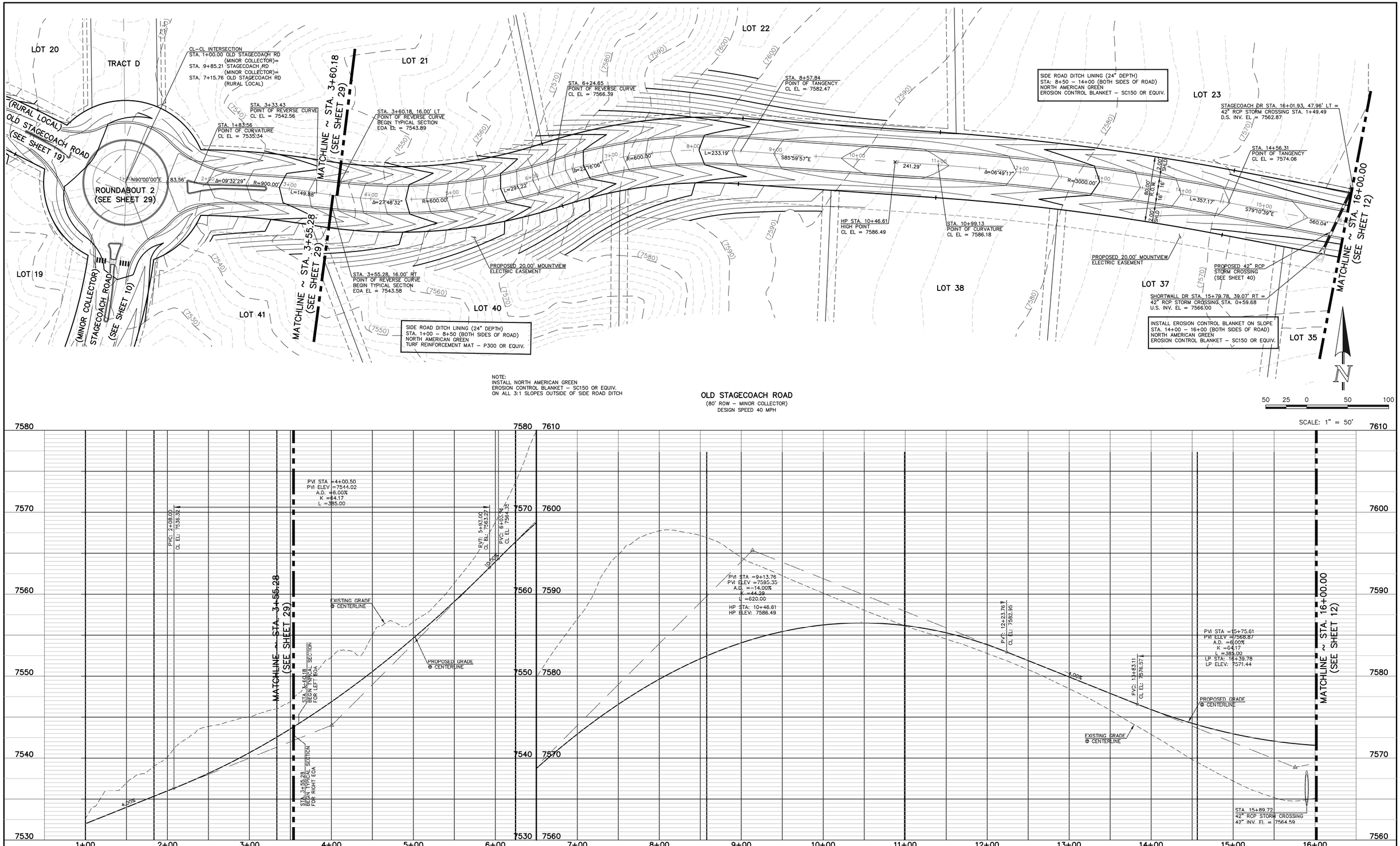

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Colorado Springs, Colorado 80903
(719)785-0790
(719)785-0799(Fax)

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		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 11	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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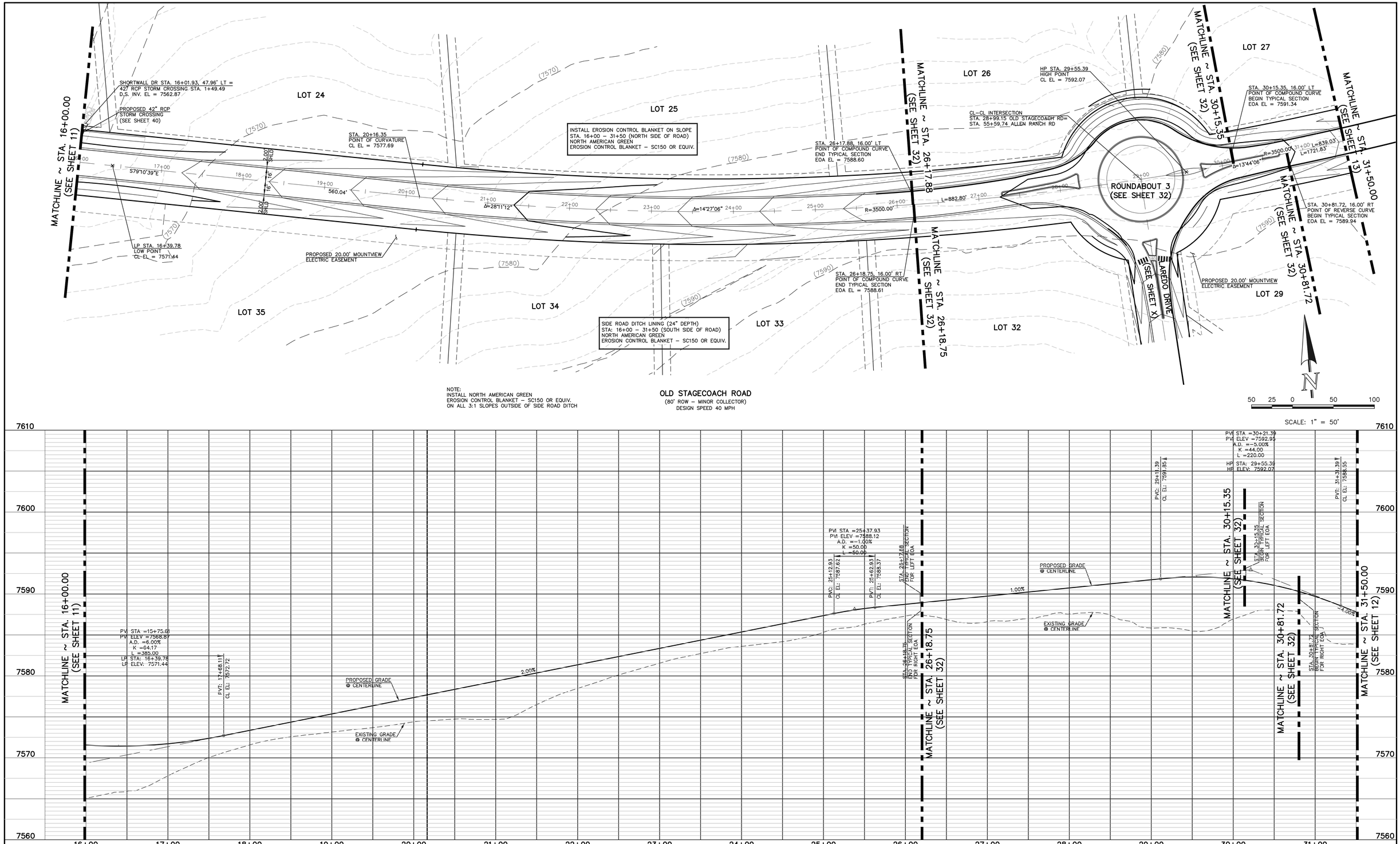

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(719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1
STREET IMPROVEMENT PLAN
OLD STAGECOACH ROAD – MINOR COLLECTOR
STA. 16+00.00 – STA. 31+50.00

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 12	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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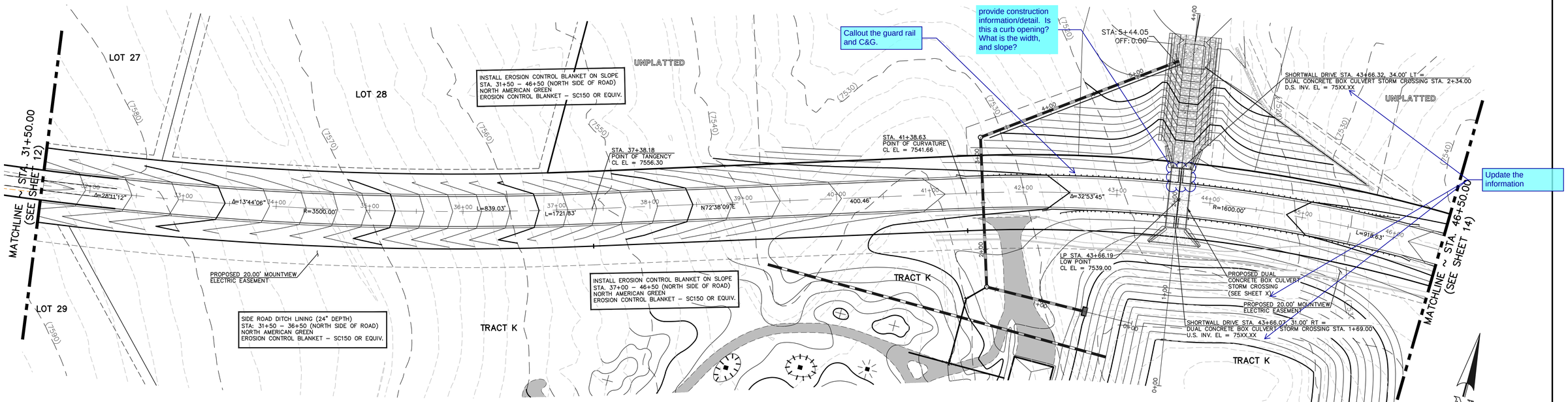

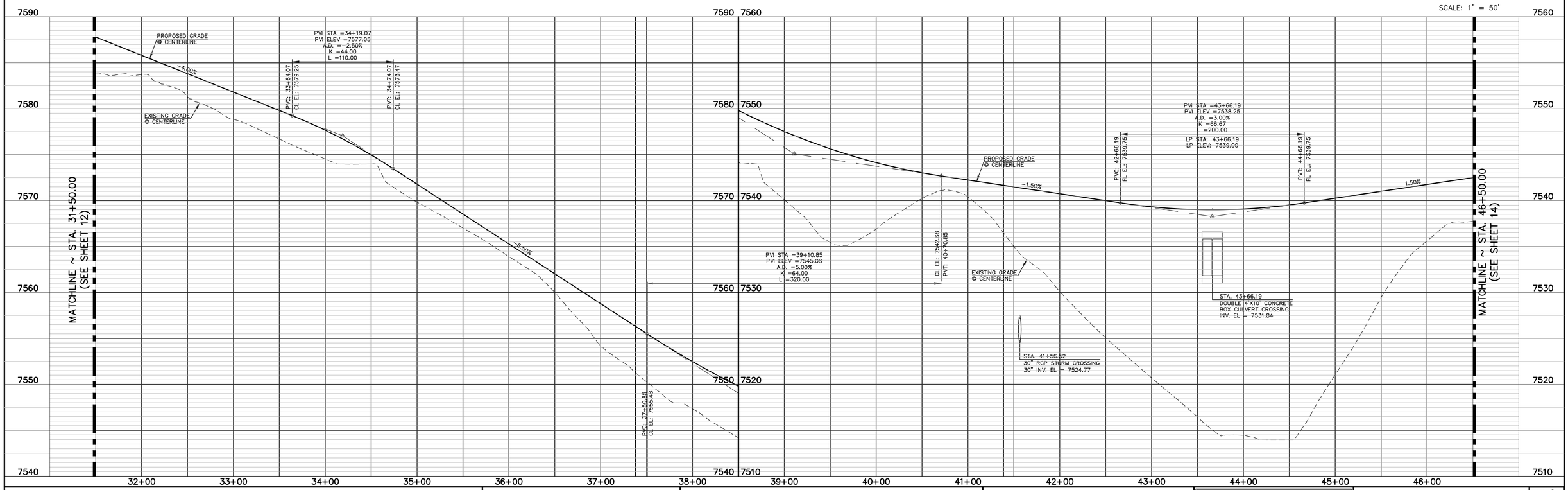

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UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

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:

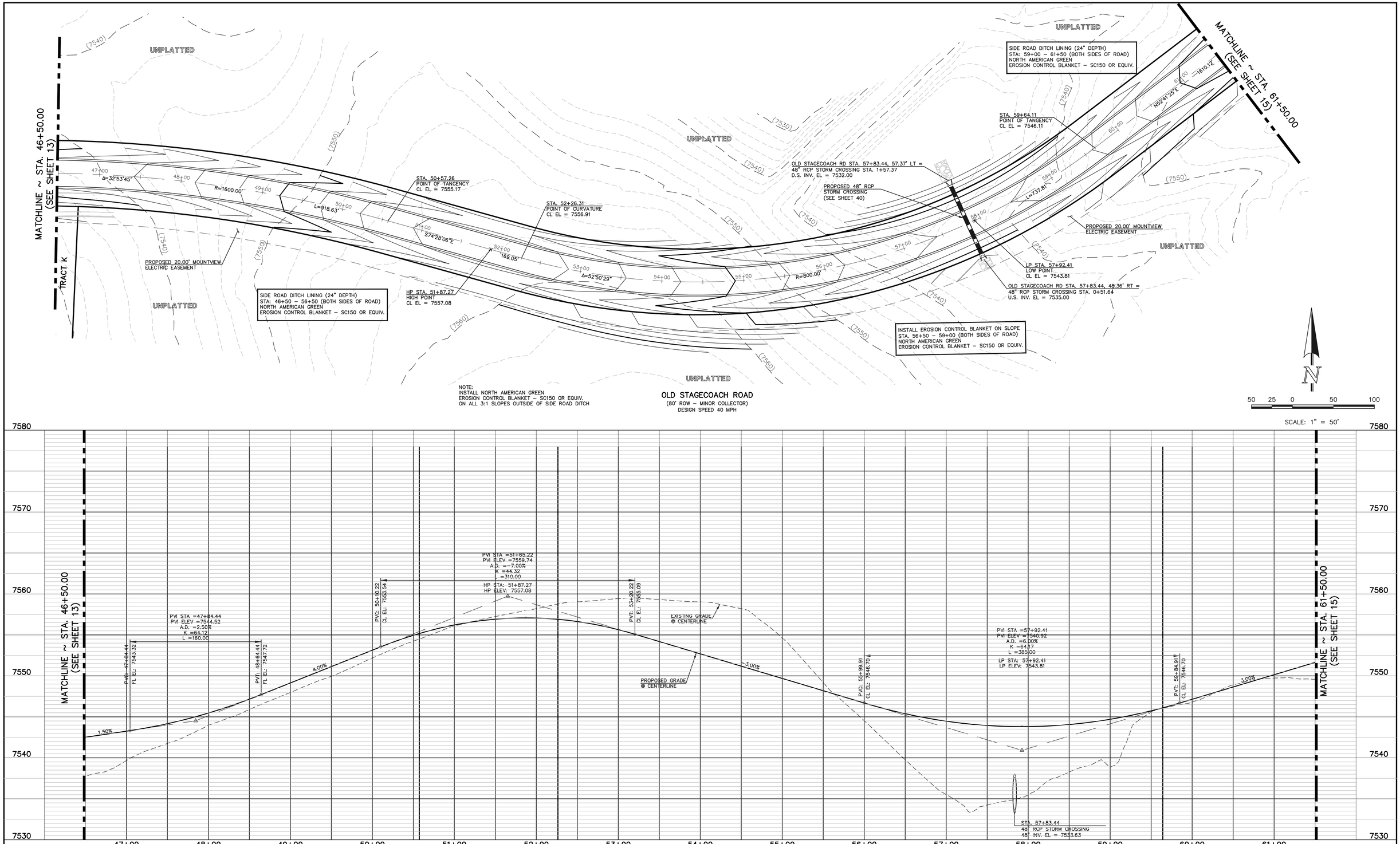
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. 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
OLD STAGECOACH ROAD – MINOR COLLECTOR
STA. 31+50.00 – STA. 46+50.00

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 13	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11



48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
811
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REVIEW:

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

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

FLYING HORSE NORTH FILING NO. 1
STREET IMPROVEMENT PLAN
OLD STAGECOACH ROAD – MINOR COLLECTOR
STA. 46+50.00 – STA. 61+50.00

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 14	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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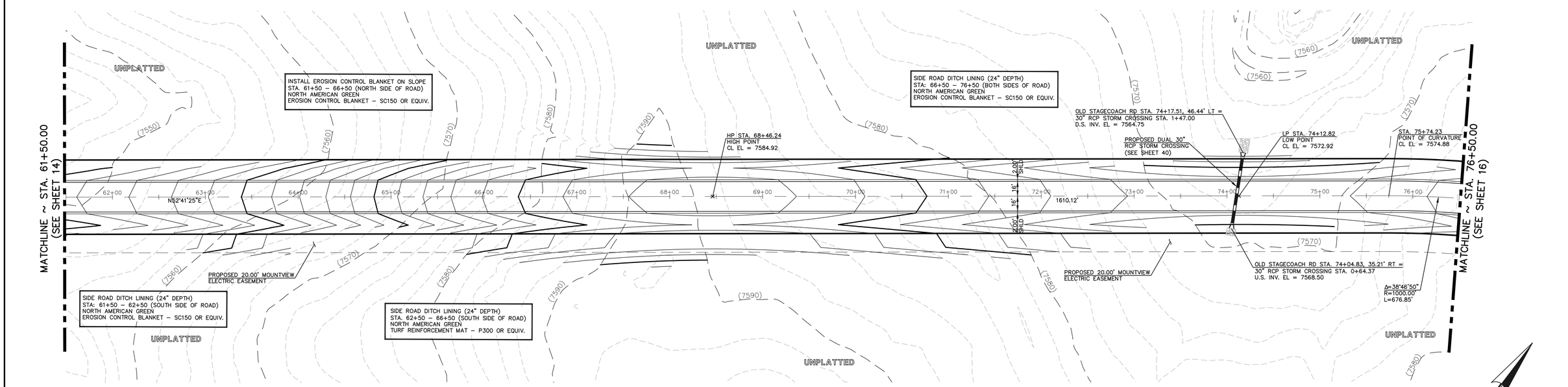
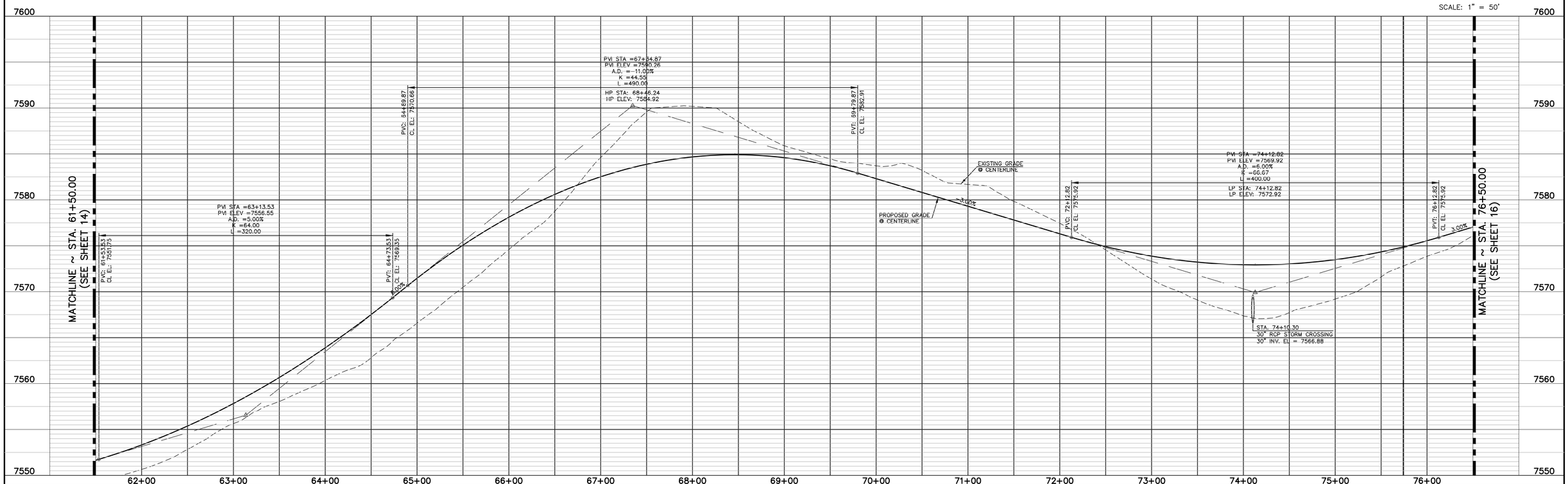


NOTE:
INSTALL NORTH AMERICAN GREEN
EROSION CONTROL BLANKET – SC150 OR EQUIV.
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH

OLD STAGECOACH ROAD

(80' ROW – MINOR COLLECTOR)
DESIGN SPEED 40 MPH



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REVIEW:

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

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

CLASSIC SM
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. 61+50.00 – STA. 76+50.00

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 15	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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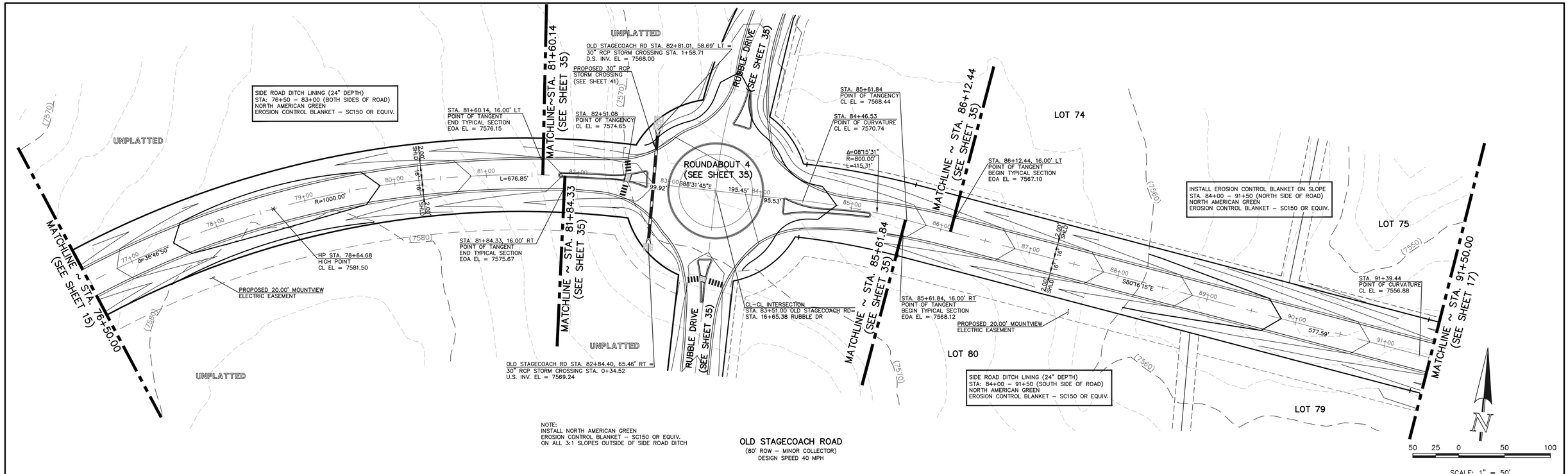

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MARC A. WHORTON, COLORADO P.E. #37155 DATE

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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. 76+50.00 – STA. 91+50.00

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 16	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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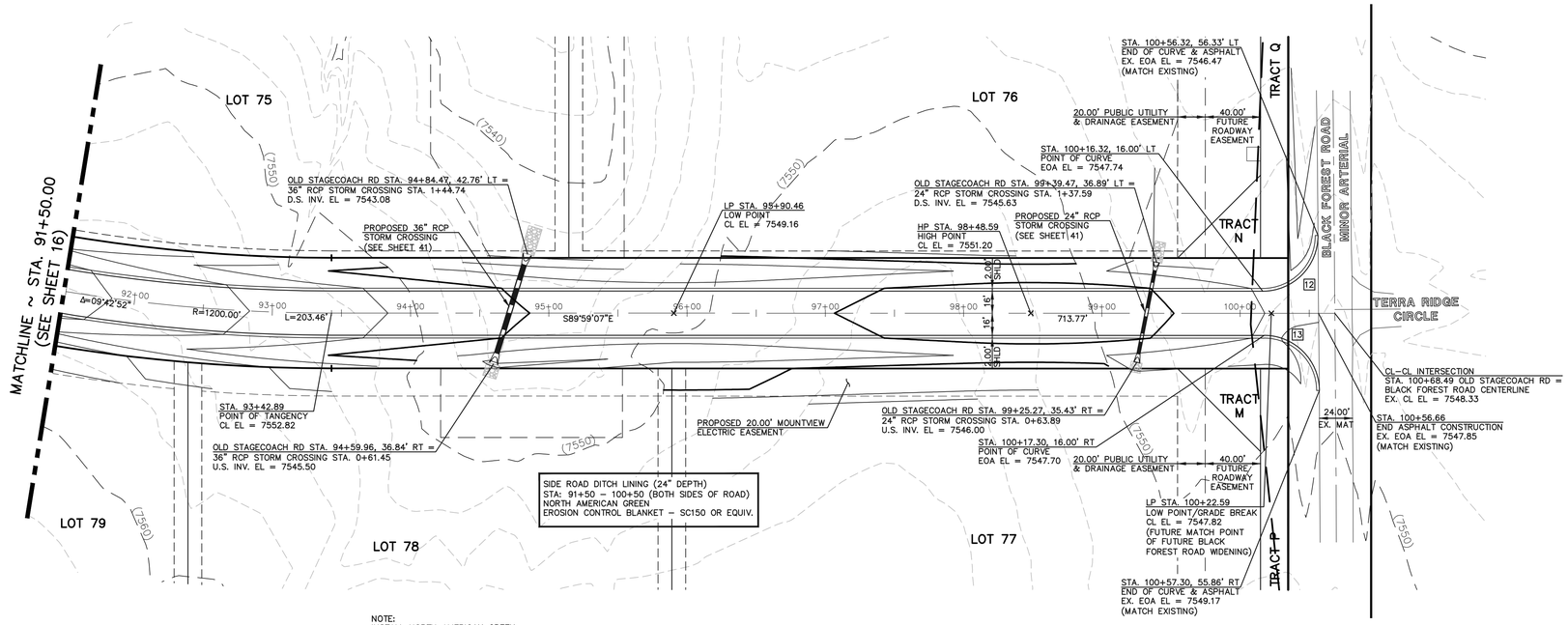
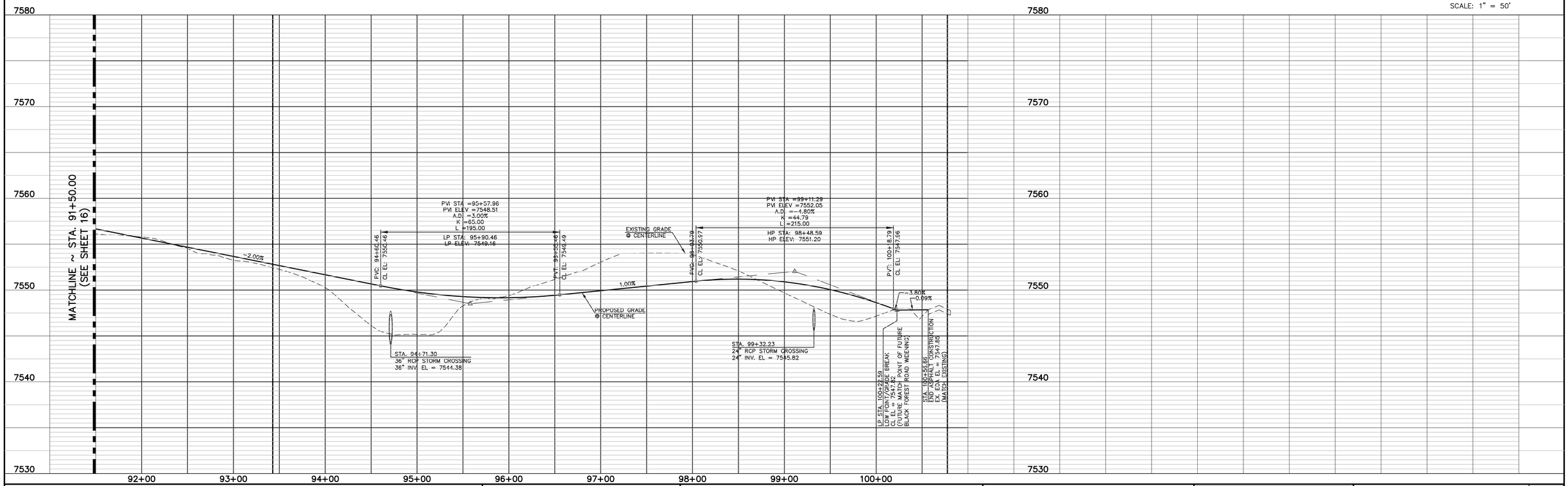


NOTE:
INSTALL NORTH AMERICAN GREEN
EROSION CONTROL BLANKET – SC150 OR EQUIV.
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH

OLD STAGECOACH ROAD
(80' ROW – MINOR COLLECTOR)
DESIGN SPEED 40 MPH

EOA CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA ANGLE
12	63.16'	40.00'	90°28'10"
13	62.69'	40.00'	89°47'53"

50 25 0 50 100
SCALE: 1" = 50'



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REVIEW:

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

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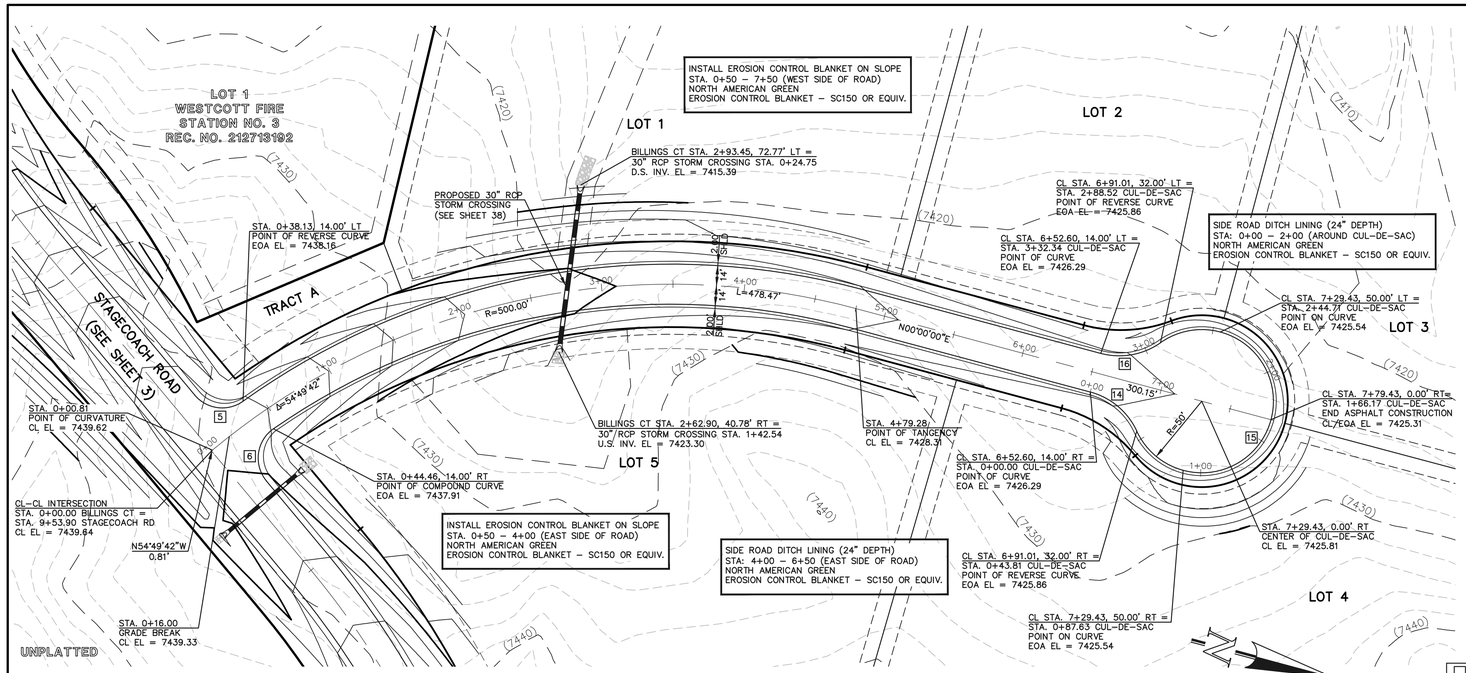
619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903
(719)785-0790
(719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1
STREET IMPROVEMENT PLAN
OLD STAGECOACH ROAD – MINOR COLLECTOR
STA. 91+50.00 – STA. 100+56.66

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"=	50'	SHEET 17	OF 58
CHECKED BY		(V) 1"=	5'	JOB NO.	1096.11

SHEARER STORMS INC. CONSULTING ENGINEERS
CLASSIC

N:\109611\DRAWINGS\CONSTRUCTION\109611-S-17.dwg, 7/10/2018 10:38:13 AM, 1:1



BILLINGS COURT
(60' ROW – RURAL LOCAL)
DESIGN SPEED 30 MPH

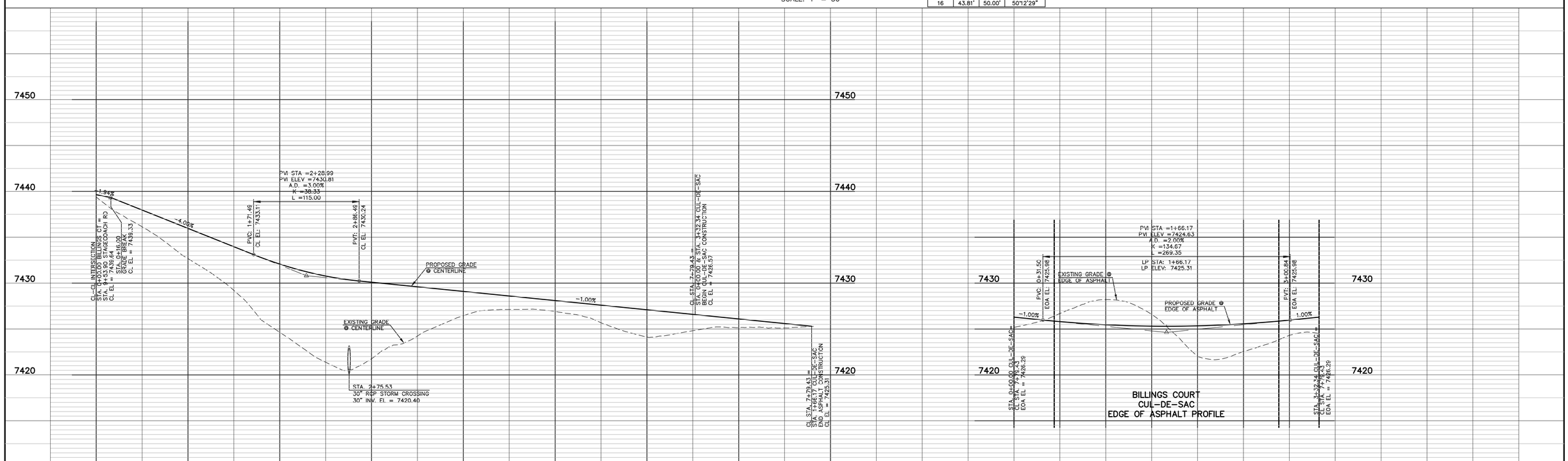
NOTE:
INSTALL NORTH AMERICAN GREEN
EROSION CONTROL BLANKET – SC150 OR EQUIV.
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH

50 25 0 50 100

SCALE: 1" = 50'

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"



48 HOURS BEFORE YOU DIG,
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IT'S THE LAW

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REVIEW:

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

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

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 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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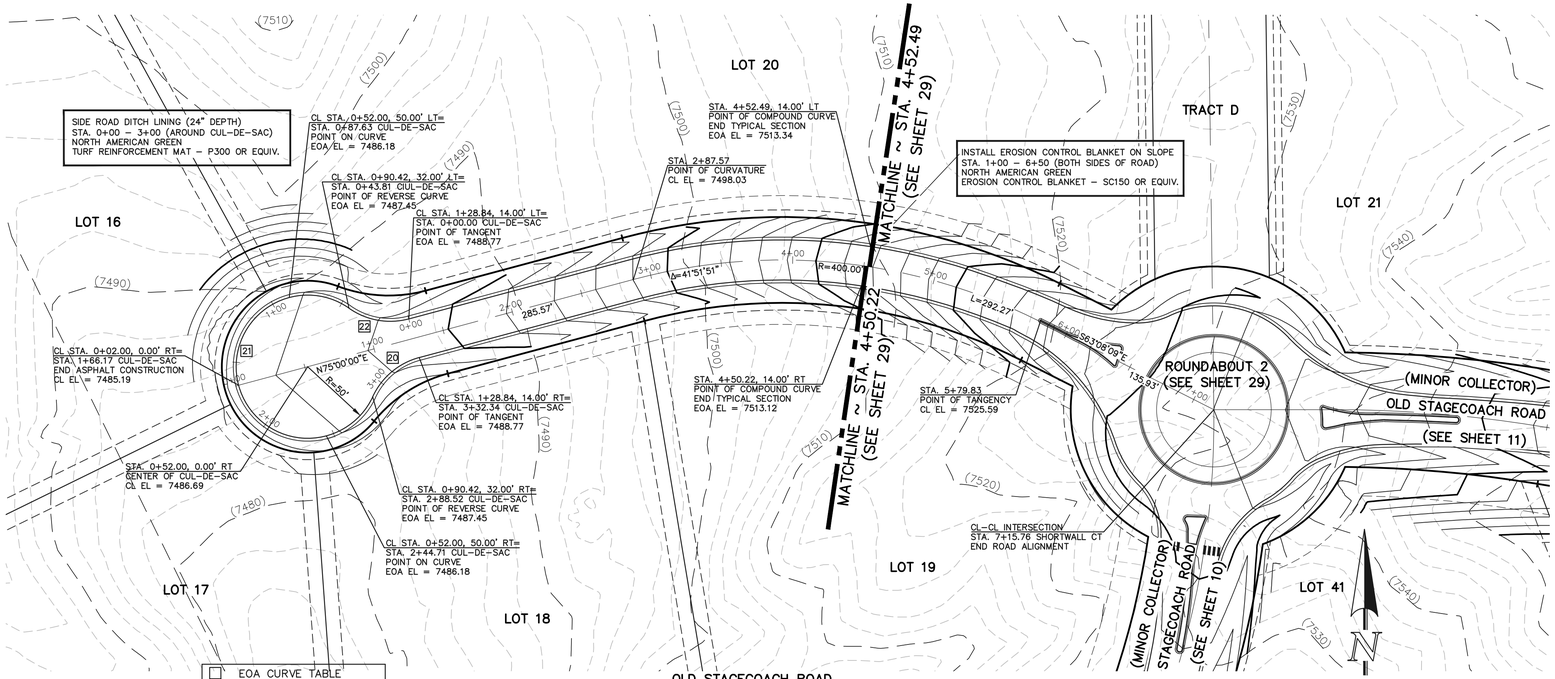
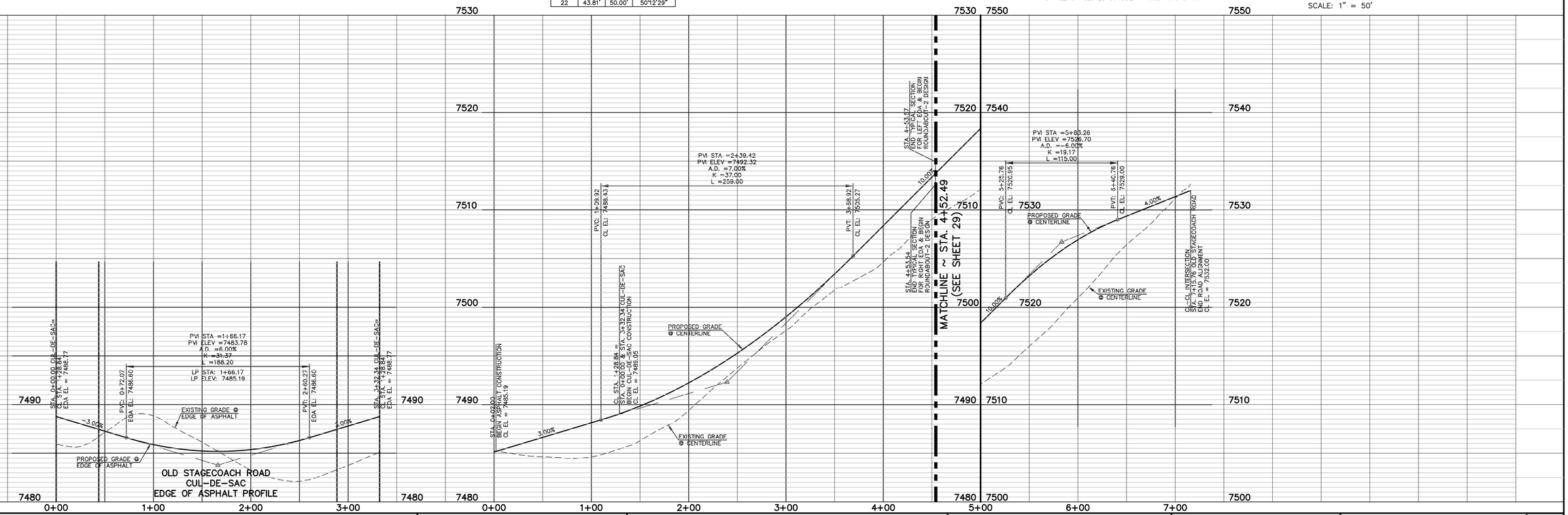


EOA CURVE TABLE

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"



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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
(STA. 0+02.00 – STA.4+52.00)

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"=	50'	SHEET 19	OF 58
CHECKED BY		(V) 1"=	5'	JOB NO.	1096.11

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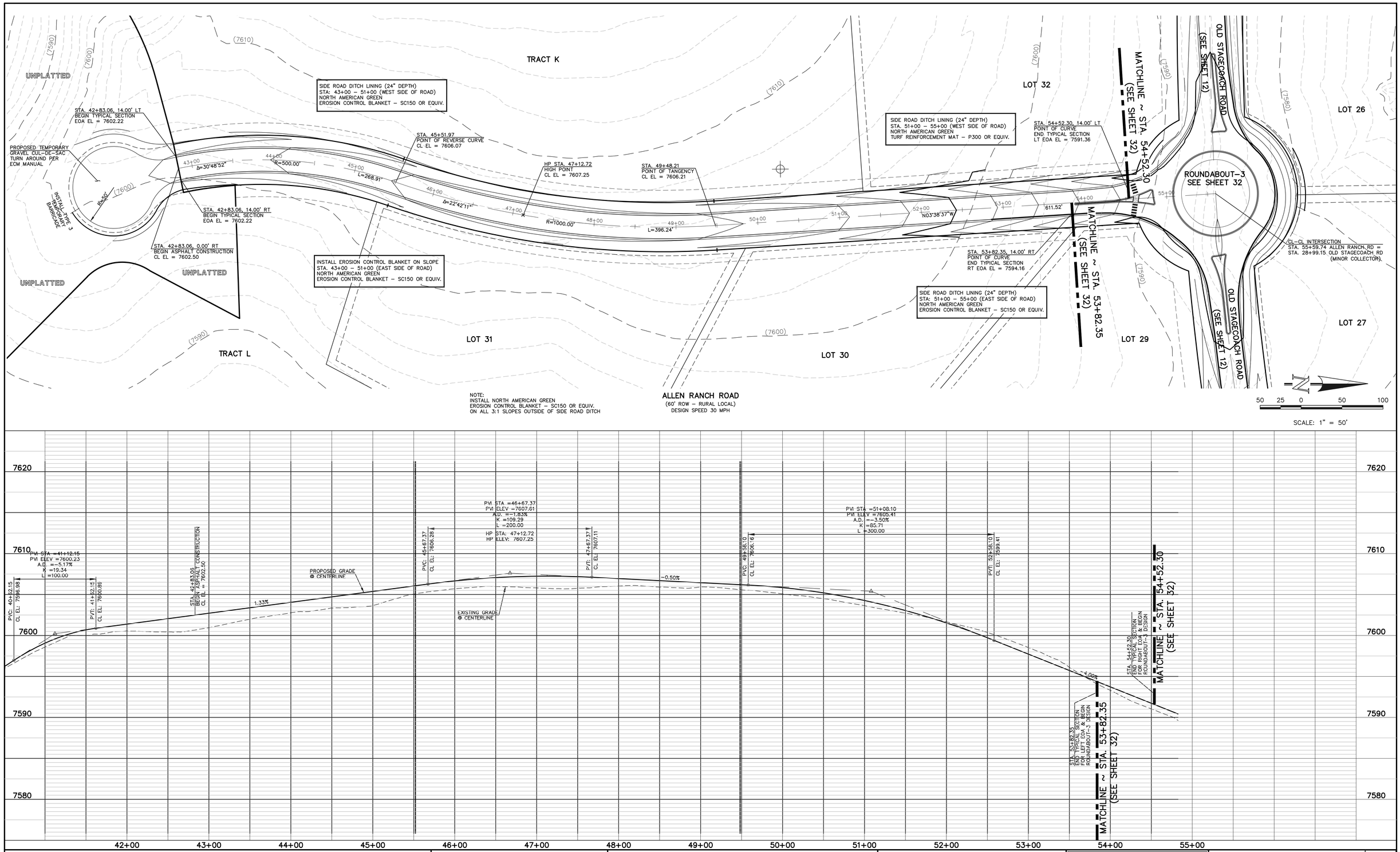

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MARC A. WHORTON, COLORADO P.E. #37155 DATE

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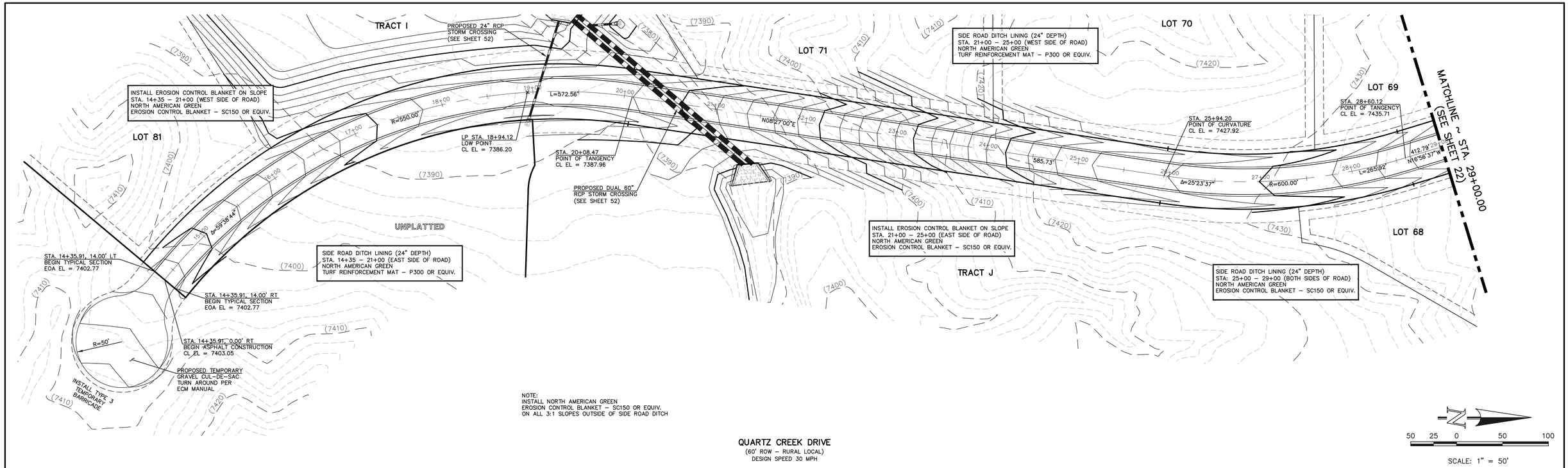
619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903
(719)785-0790
(719)785-0799(Fax)

FLYING HORSE NORTH FILING NO. 1
STREET IMPROVEMENT PLAN
ALLEN RANCH ROAD
(STA. 42+83.06 – STA. 54+52.30)

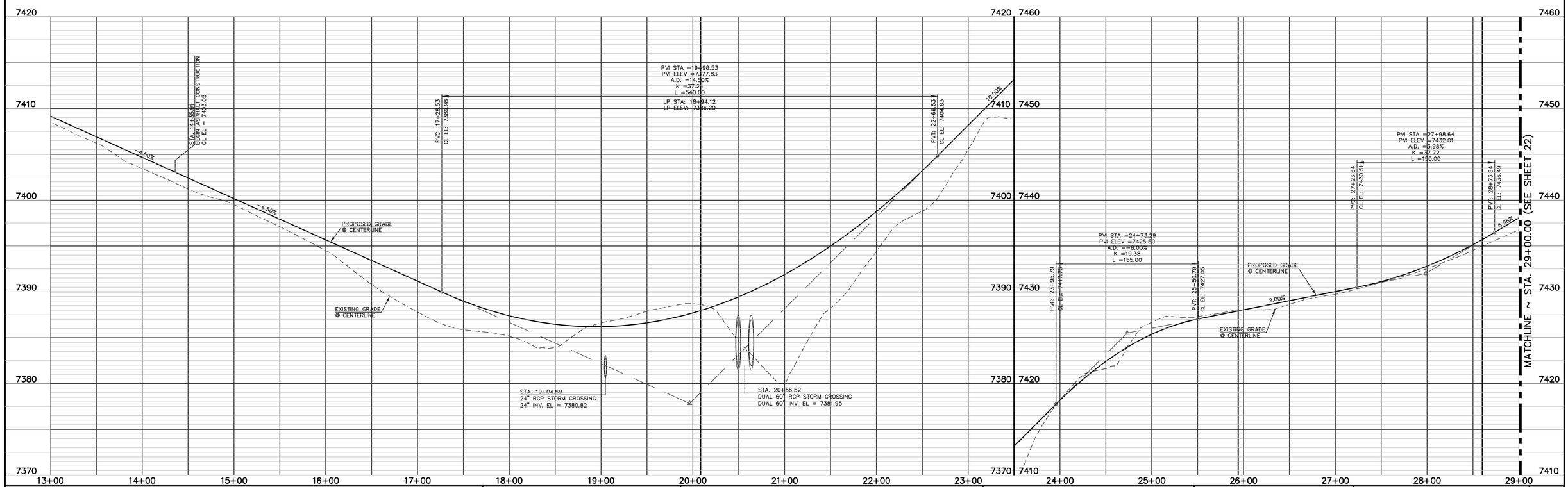
DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 20	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

N:\1096\11\DRAWINGS\CONSTRUCTION\1096\11-S-20.dwg, 7/10/2018 11:15:15 AM, 1:1



QUARTZ CREEK DRIVE

(60' ROW – RURAL LOCAL)
DESIGN SPEED 30 MPH



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MARC A. WHORTON, COLORADO P.E. #37155 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
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 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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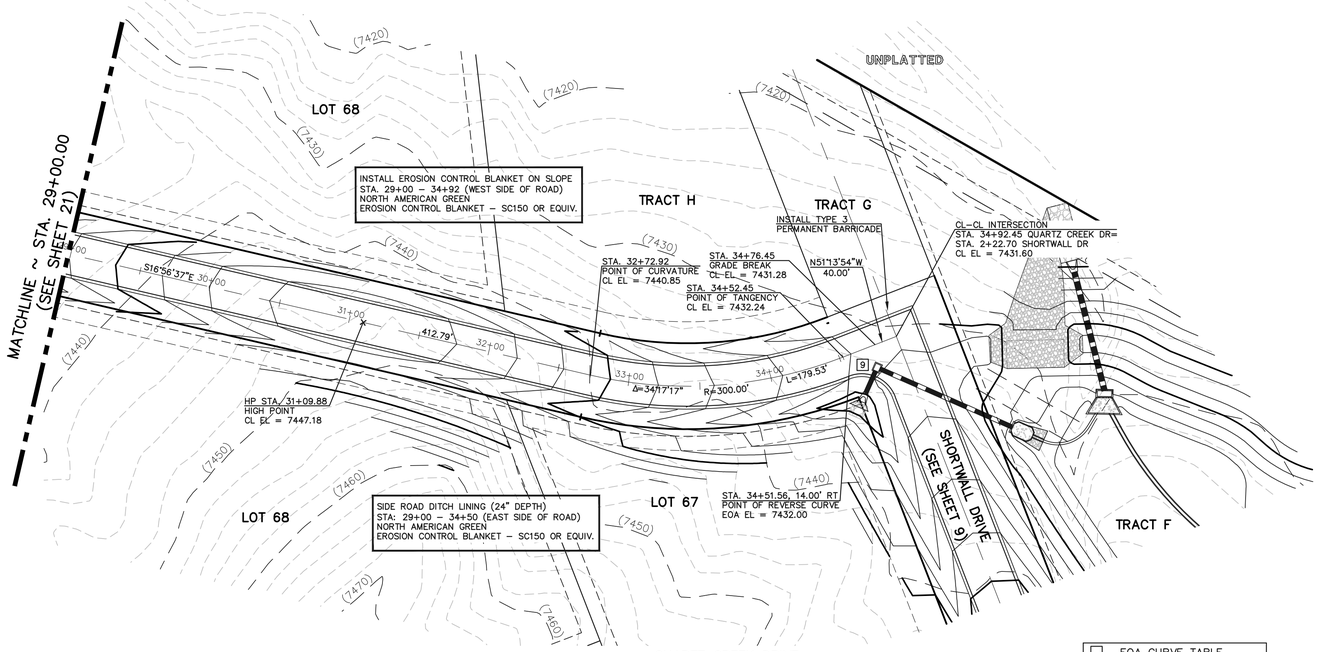
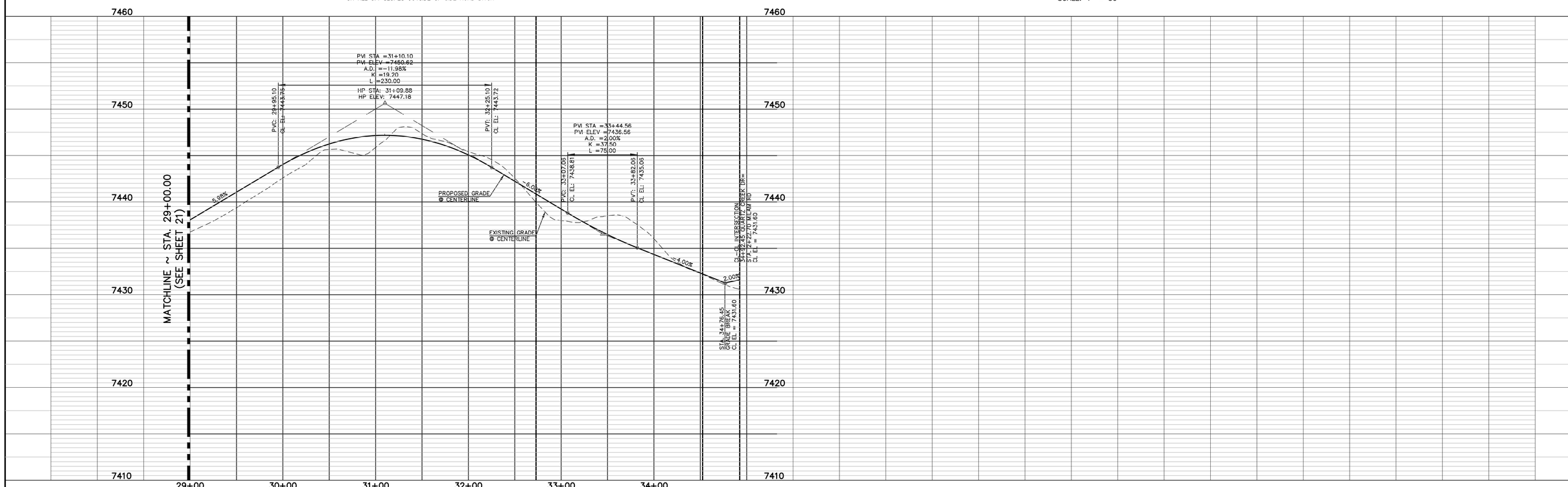


NOTE:
INSTALL NORTH AMERICAN GREEN
EROSION CONTROL BLANKET – SC150 OR EQUIV.
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH

EOA CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA ANGLE
9	39.20'	25.00'	89°49'52"

50 25 0 50 100

SCALE: 1" = 50'



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NO.	REVISION	DATE

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

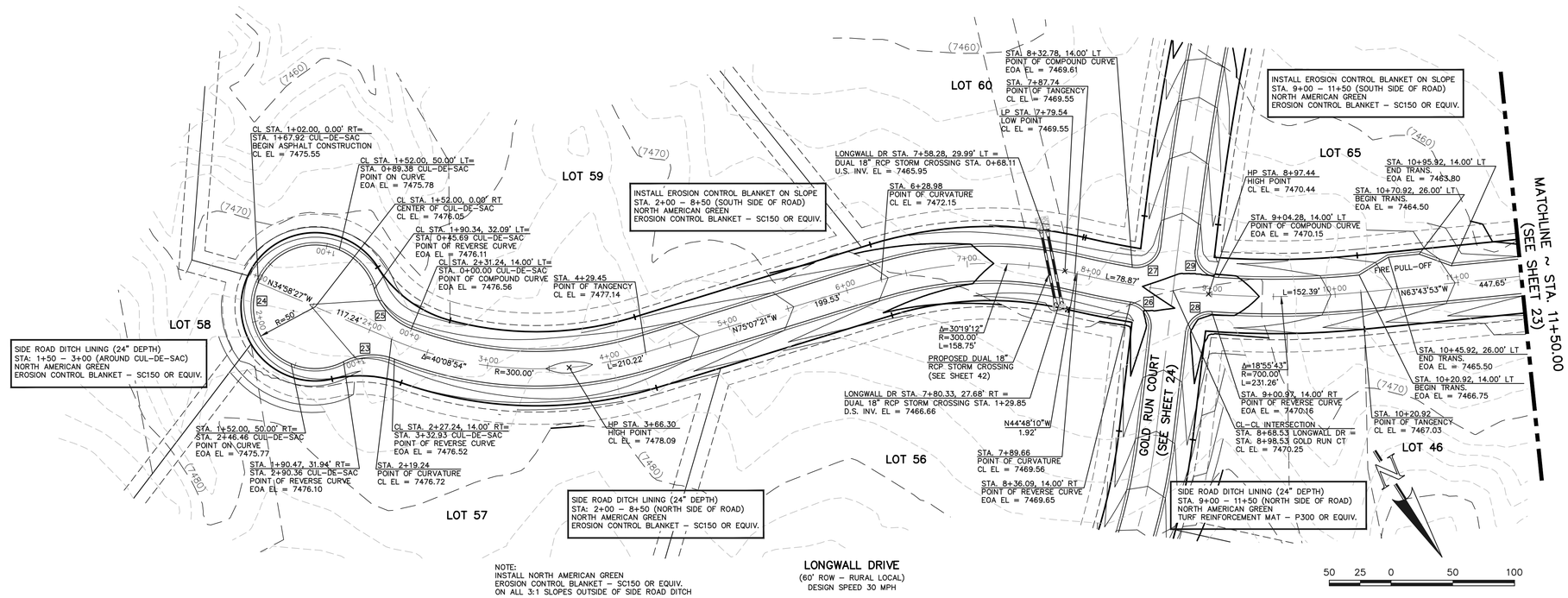
CLASSIC SM
CONSULTING
ENGINEERS & SURVEYORS
619 N. Cascade Avenue, Suite 200
Colorado Springs, Colorado 80903
(719)785-0790
(719)785-0799(Fax)

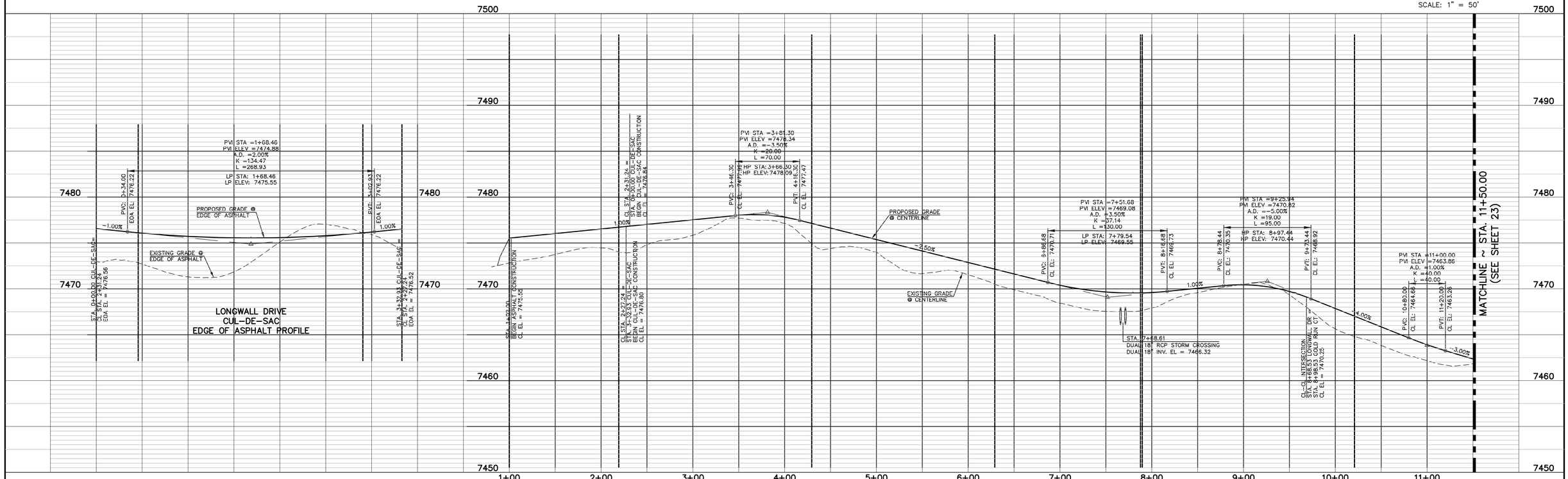
FLYING HORSE NORTH FILING NO. 1
STREET IMPROVEMENT PLAN
QUARTZ CREEK DRIVE
(STA. 29+00.00–STA. 34+92.45)

DESIGNED BY	PRA	SCALE		DATE	08–11–17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 22	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

N:\09611\DRAWINGS\CONSTRUCTION\09611-S-22.dwg, 7/10/2018 12:09:10 PM, 1:1

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 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
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 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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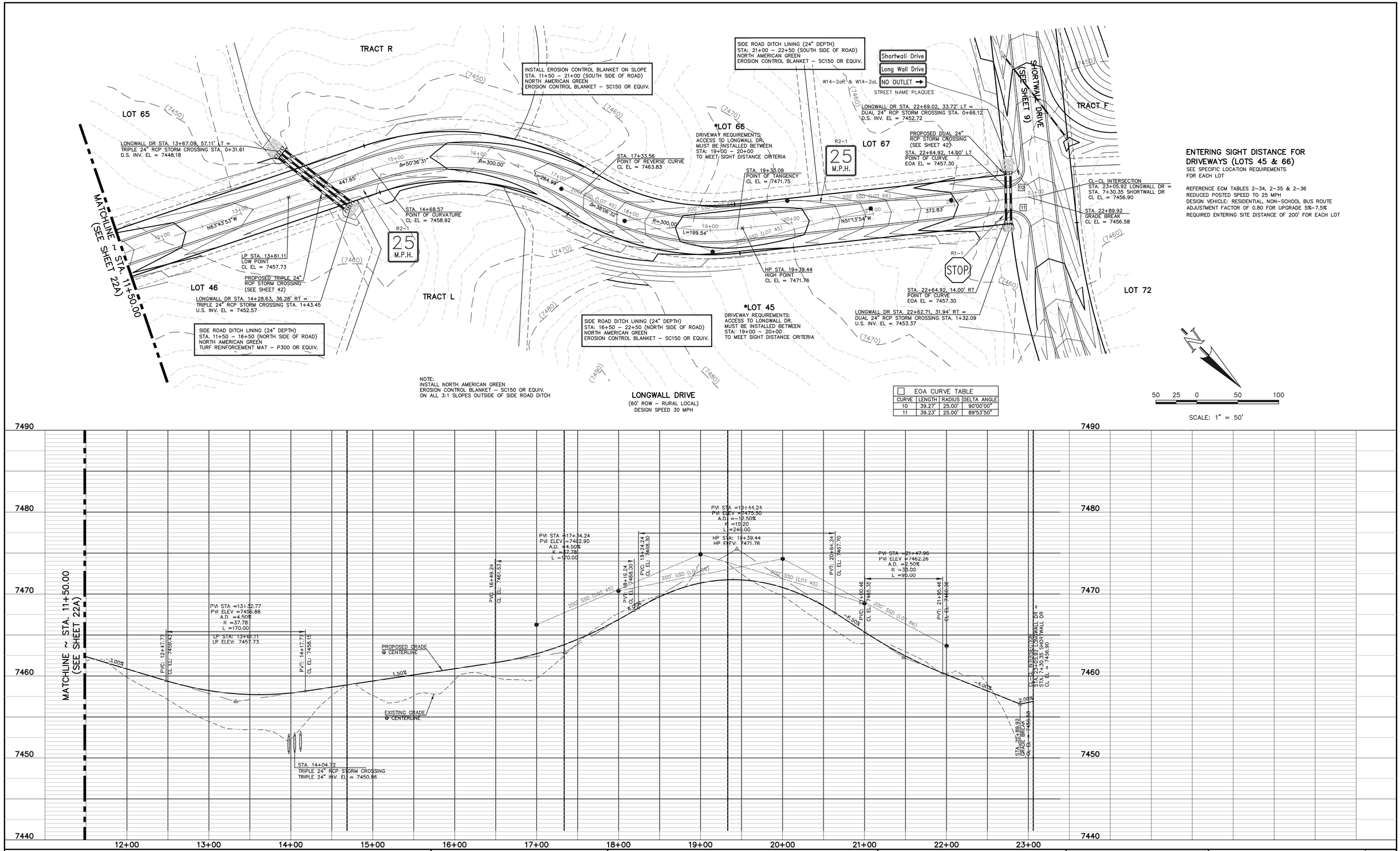

48 HOURS BEFORE YOU DIG,
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811
UTILITY NOTIFICATION CENTER OF COLORADO
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NO.	REVISION	DATE
1	REVISED PER COUNTY DEVIATION COMMENTS	5-2-18

REVIEW:

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

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

CLASSIC SM
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. 11+50.00-STA. 23+05.92)

DESIGNED BY	PRA	SCALE	DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'	SHEET	23 OF 58
CHECKED BY		(V) 1"= 5'	JOB NO.	1096.11

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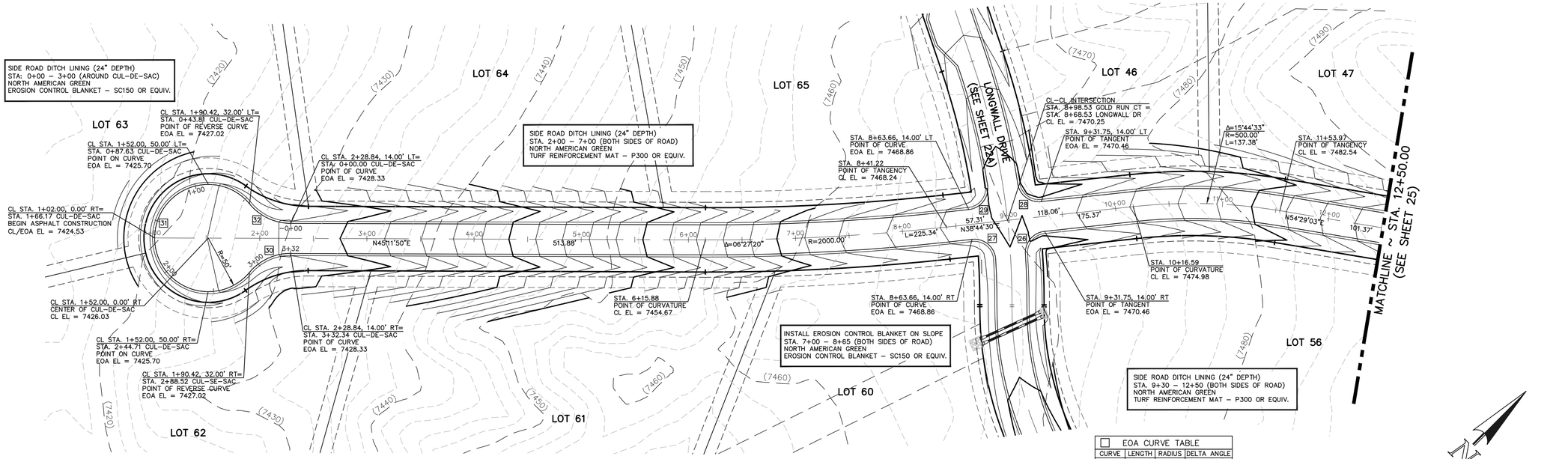
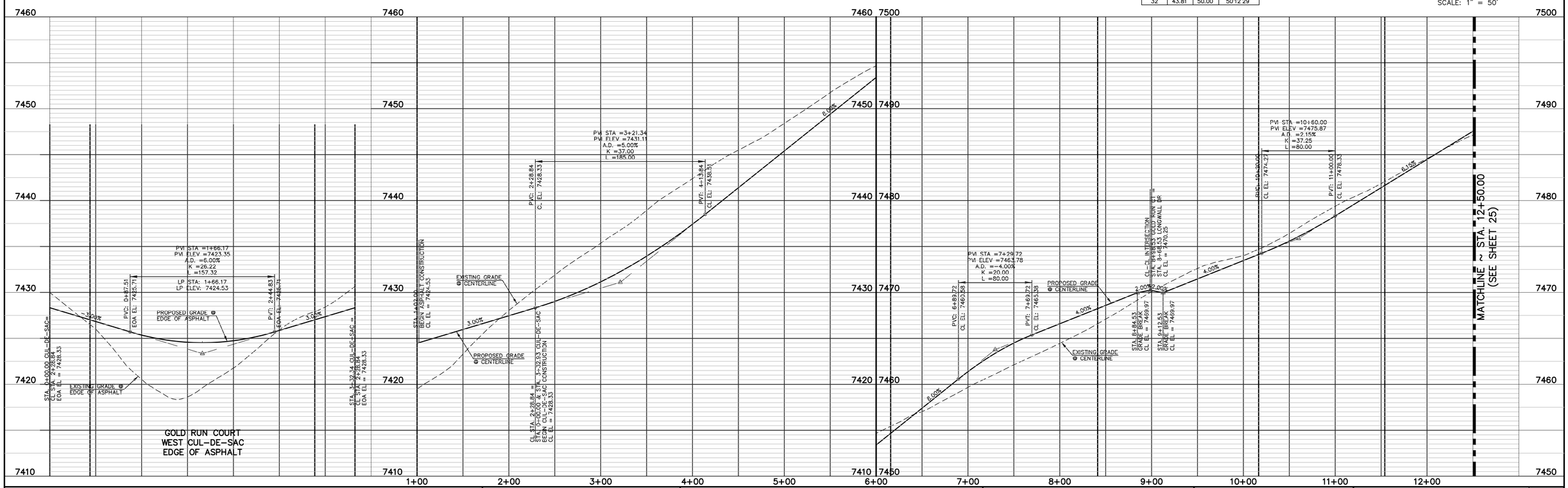


NOTE:
INSTALL NORTH AMERICAN GREEN
EROSION CONTROL BLANKET – SC150 OR EQUIV.
ON ALL 3:1 SLOPES OUTSIDE OF SIDE ROAD DITCH

GOLD RUN COURT

(60' ROW – RURAL LOCAL)
DESIGN SPEED 30 MPH

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"



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NO.	REVISION	DATE
1	REVISED PER DEVIATION COMMENTS	5–9–18

REVIEW:

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

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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
GOLD RUN COURT
(STA. 1+02.00–STA. 12+50.00)

DESIGNED BY	PRA	SCALE		DATE	08–11–17
DRAWN BY	PRA	(H) 1"=	50'	SHEET	24 OF 58
CHECKED BY		(V) 1"=	5'	JOB NO.	1096.11

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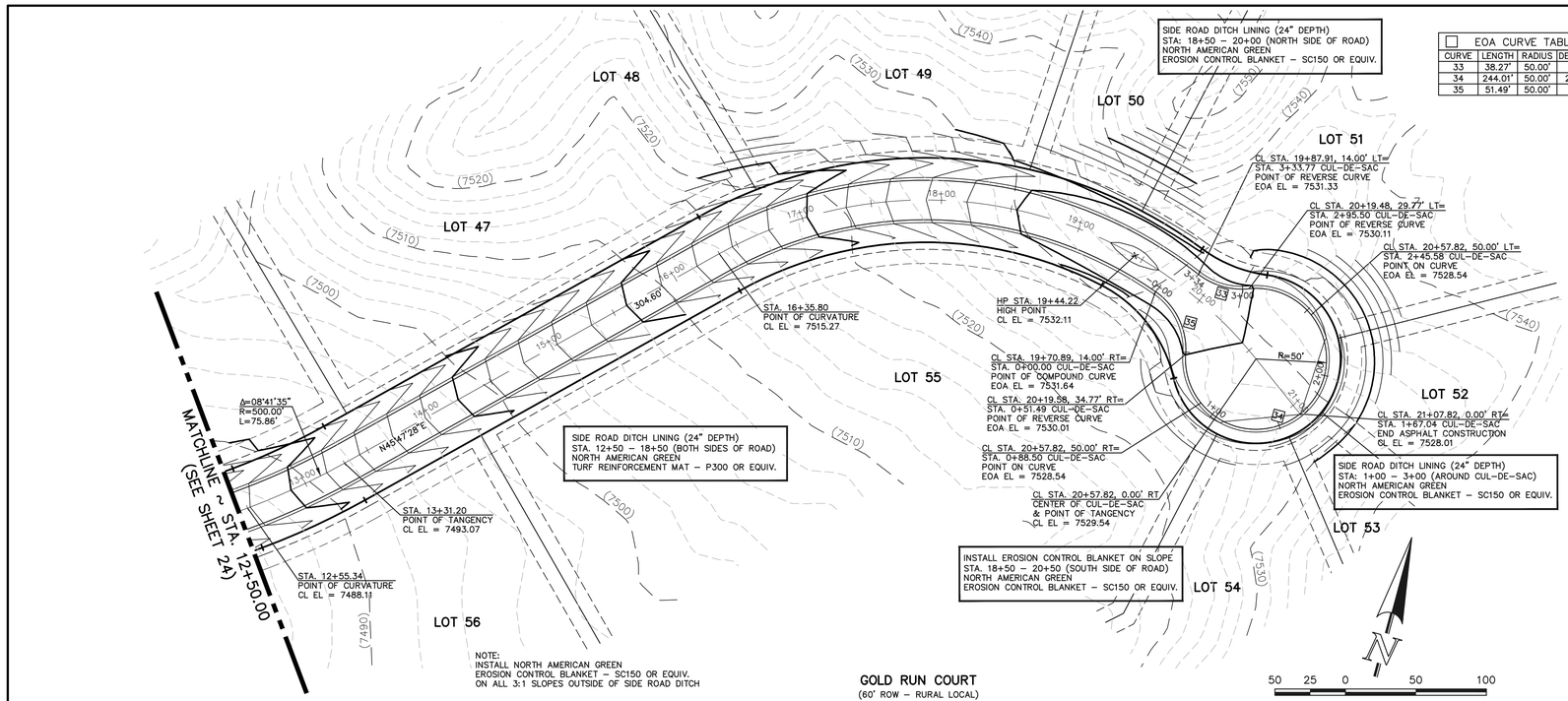
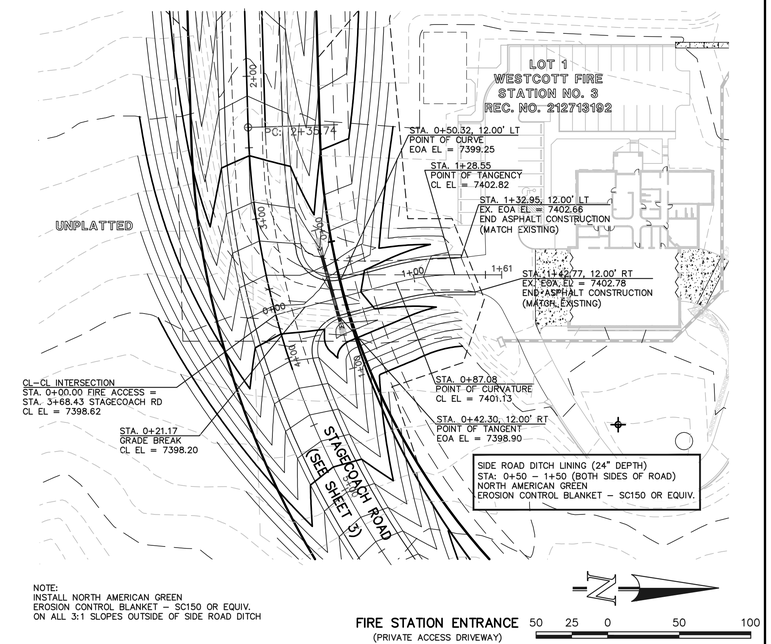
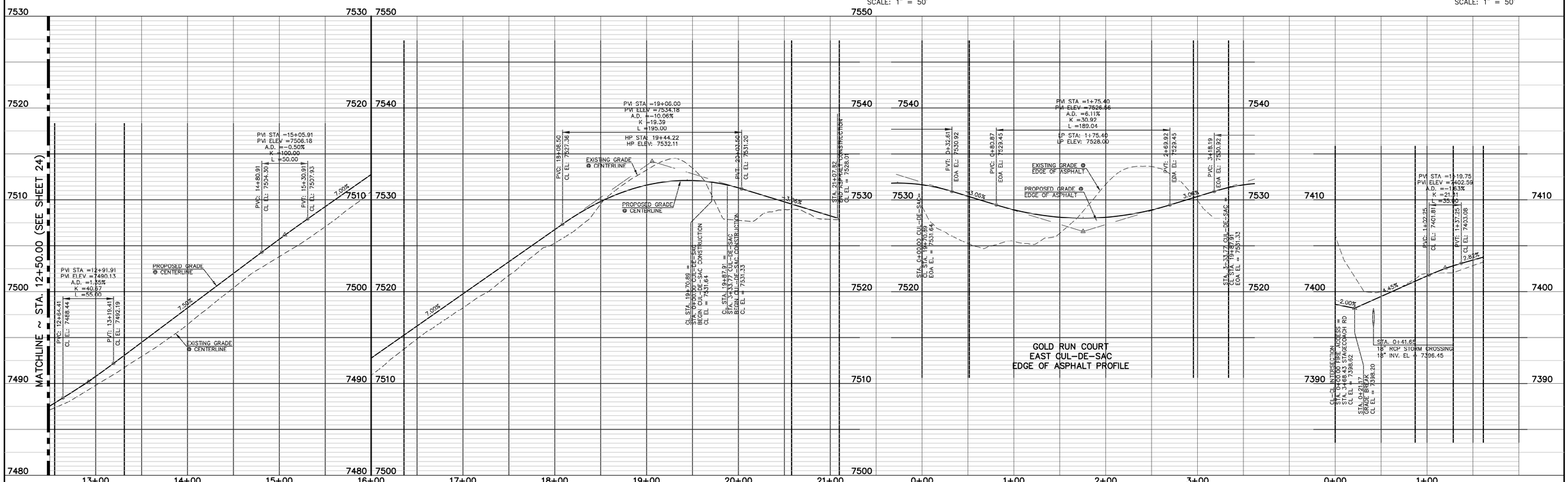


GOLD RUN COURT
(60' ROW – RURAL LOCAL)
DESIGN SPEED 30 MPH

EOA CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA ANGLE
33	38.27'	50.00'	43°51'17"
34	244.01'	50.00'	279°36'43"
35	51.49'	50.00'	59°00'30"



FIRE STATION ENTRANCE
(PRIVATE ACCESS DRIVEWAY)



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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 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
GOLD RUN COURT
(STA. 12+50.00–STA. 21+07.82)

DESIGNED BY	PRA	SCALE		DATE	08-11-17
DRAWN BY	PRA	(H) 1"= 50'		SHEET 25	OF 58
CHECKED BY		(V) 1"= 5'		JOB NO.	1096.11

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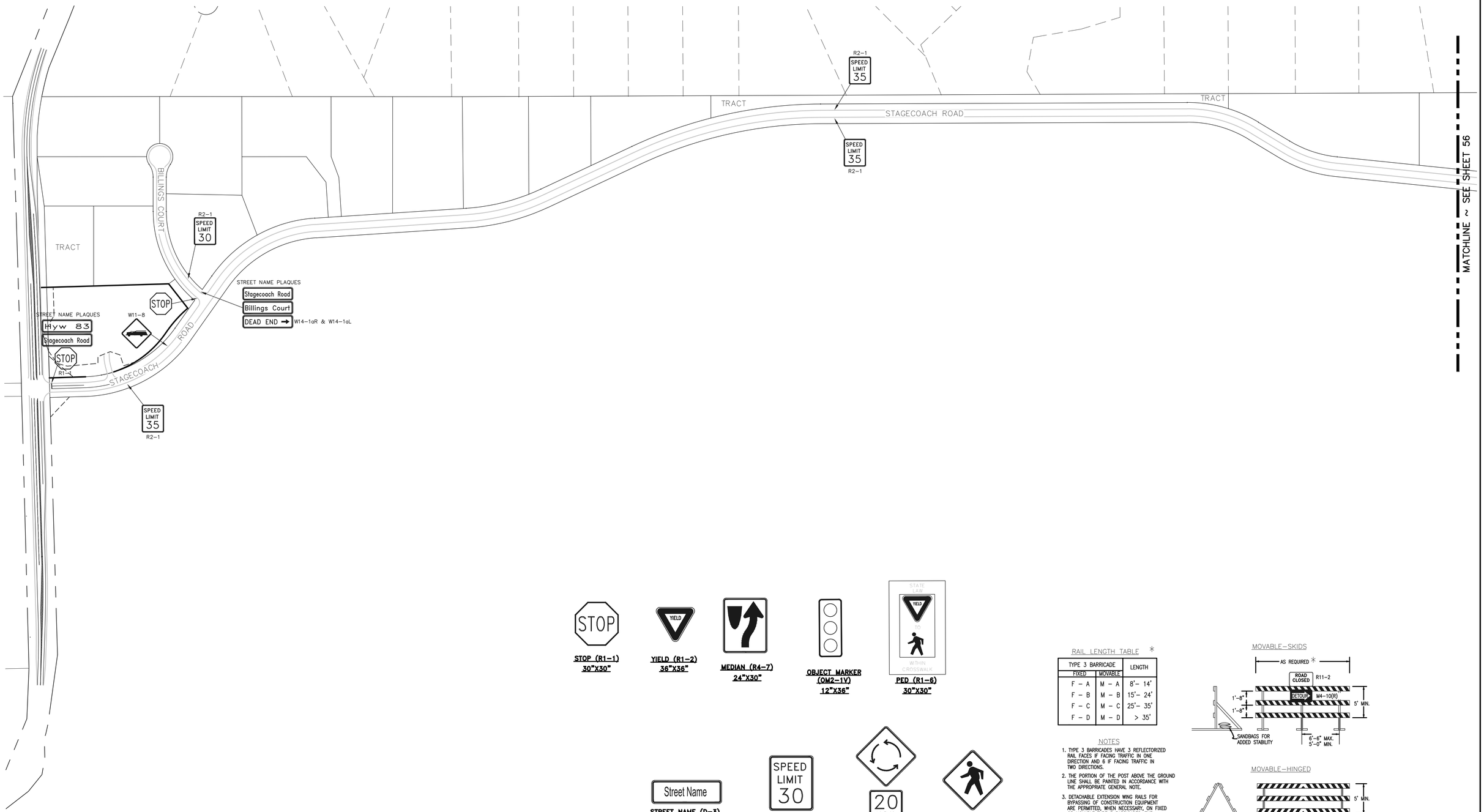

STOP (R1-1)
30"X30"

YIELD (R1-2)
36"X36"

MEDIAN (R4-7)
24"X30"

OBJECT MARKER (OM2-1V)
12"X36"

PED (R1-6)
30"X30"

STREET NAME (D-3)

SPEED LIMIT (R2-1)
24"X30"

ROUNDABOUT (W2-6)
(13-1 (20))
30"X30"

PED (W11-2)
30"X30"

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

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

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

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(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	55 OF 58
CHECKED BY		(V) 1"= N/A	JOB NO.	1096.11

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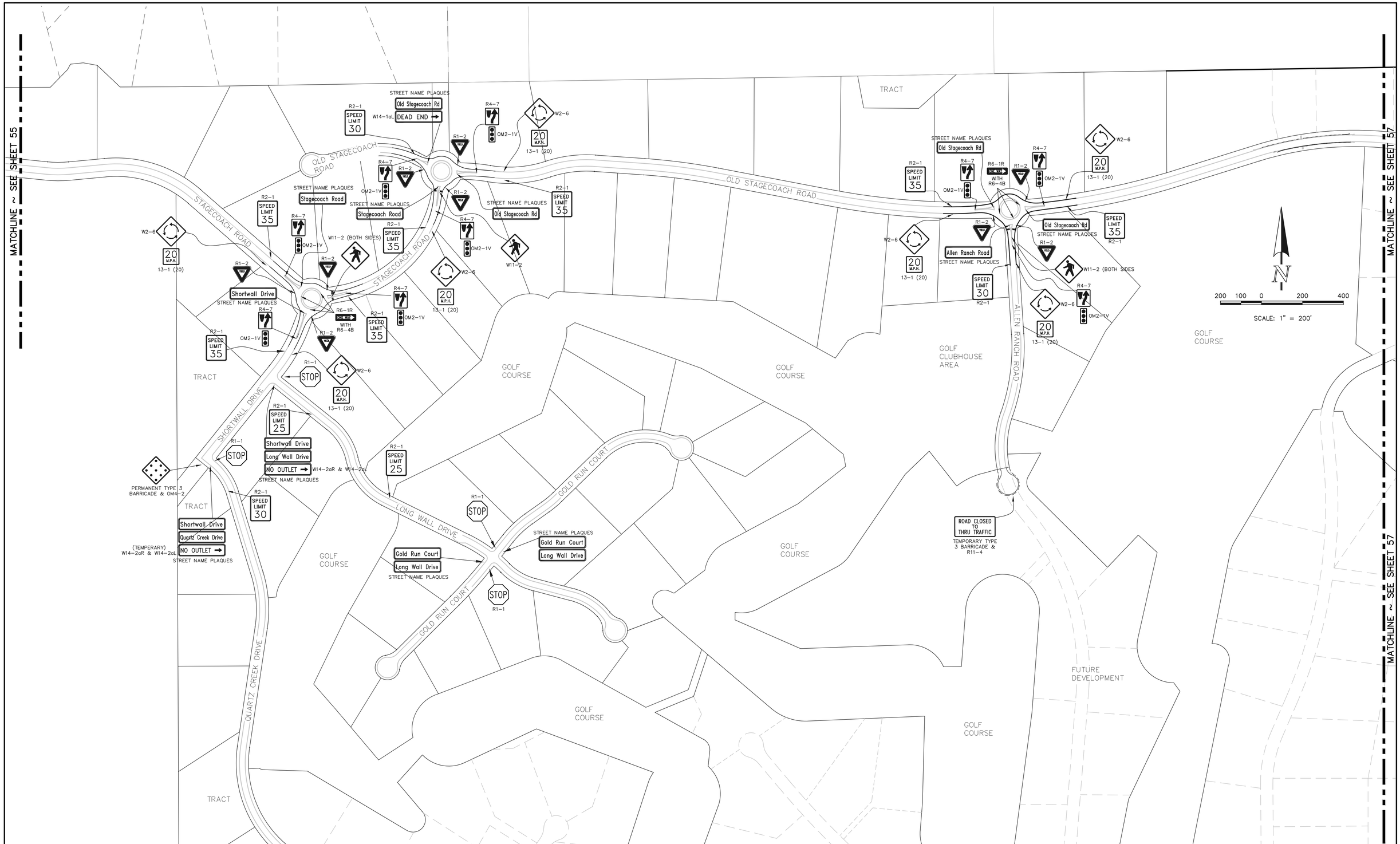

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FLYING HORSE NORTH FILING NO. 1
CONSTRUCTION DRAWINGS
STRIPING & SIGNAGE INDEX MAP

DESIGNED BY	PRA	SCALE	DATE	05-02-18
DRAWN BY	PRA	(H) 1"= 200'	SHEET	56 OF 58
CHECKED BY		(V) 1"= N/A	JOB NO.	1096.11

N:\109611\DRAWINGS\CONSTRUCTION\109611-STRIPING-0101.dwg, 7/10/2018 5:53:02 PM, 1:1

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

1. TYPE 3 BARRICADES HAVE 3 REFLECTORIZED RAIL FACES IF FACING TRAFFIC IN ONE DIRECTION AND 6 IF FACING TRAFFIC IN TWO DIRECTIONS.
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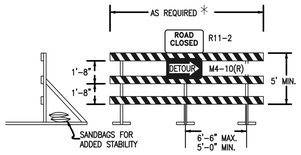
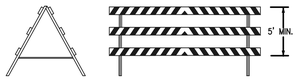
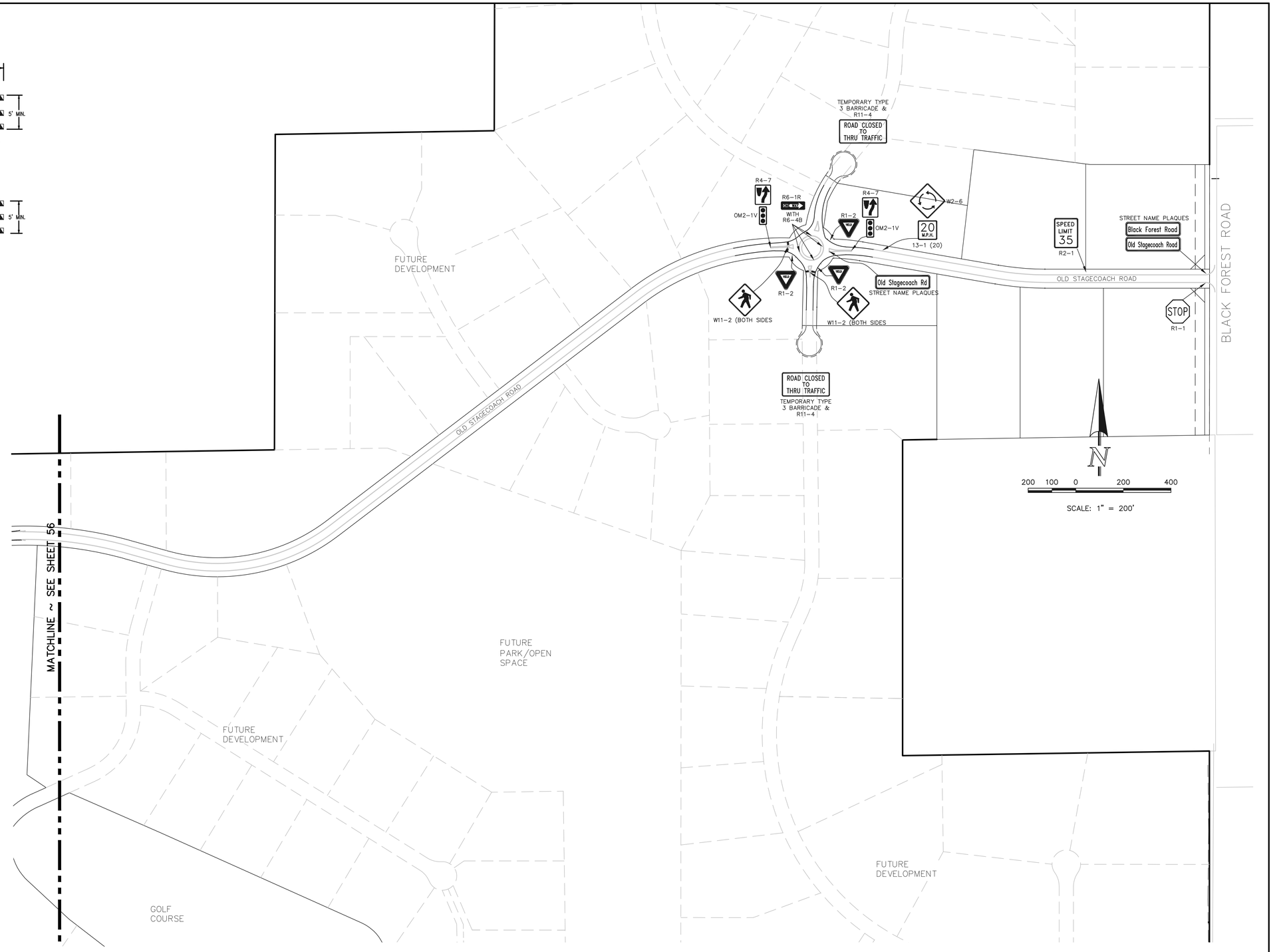
MOVABLE–SKIDS



MOVABLE–HINGED



TYPICAL TYPE 3 BARRICADES



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STRIPING & SIGNAGE INDEX MAP

DESIGNED BY	PRA	SCALE	DATE	05–02–18
DRAWN BY	PRA	(H) 1"= 200'	SHEET	57 OF 58
CHECKED BY		(V) 1"= N/A	JOB NO.	1096.11

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