BASIS OF BEARINGS: THE NORTH LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING MONUMENTED AT THE WEST END BY A 1" YELLOW PLASTIC CAP STAMPED "18235" AND THE EAST END BY A 2" ALUMINUM CAP STAMPED "32439" WITH APPROPRIATE MARKINGS. IS ASSUMED TO BEAR N89°03'58"E A DISTANCE OF 1.332.09 FEET.

COMMENCING AT THE NORTHEAST CORNER OF TRACT F. FLYING HORSE FILING NO. 3 AS RECORDED UNDER RECEPTION NUMBER 224715365, SAID POINT BEING ON THE SOUTHERLY RIGHT-OF-WAY LINE OF OLD STAGECOACH ROAD AS PLATTED IN FLYING HORSE NORTH FILING NO. 1, AS RECORDED UNDER RECEPTION NUMBER 218714238, RECORDS OF EL PASO COUNTY, COLORADO, SAID POINT BEING THE POINT OF BEGINNING; THENCE ON SAID SOUTHERLY RIGHT-OF-WAY LINE THE FOLLOWING FOUR (4) COURSES:

- 1. ON THE ARC OF A CURVE TO THE RIGHT WHOSE CENTER BEARS S01°51'31"W, HAVING A DELTA OF 13°40'23", A RADIUS OF 1,560.00 FEET A DISTANCE OF 372.28 FEET TO A POINT OF TANGENT; 2. S74°28'06"E A DISTANCE OF 169.05 FEET TO A POINT OF CURVE;
- 3. ON THE ARC OF A CURVE TO THE LEFT HAVING A DELTA OF 52°50'29", A RADIUS OF 840.00 FEET A DISTANCE OF 774.70 FEET TO A POINT OF TANGENT; 4. N52°41'25"E A DISTANCE OF 1,280.10 FEET;

THENCE S37°18'35"E A DISTANCE OF 402.75 FEET; THENCE S09°22'22"E A DISTANCE OF 488.58 FEET; THENCE S04°05'31"E A DISTANCE OF 1,388.17 FEET; THENCE S07°08'46"W A DISTANCE OF 860.74 FEET TO A POINT ON THE SOUTHERLY LINE OF THE NORTHEAST QUARTER OF SAID SECTION 31; THENCE S89°11'15"W ON SAID SOUTHERLY LINE A DISTANCE OF 280.88 FEET TO THE SOUTHEAST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 31; THENCE S89°11'00"W ON THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 31 A DISTANCE OF 447.29 FEET; THENCE N01°31'19"E A DISTANCE OF 225.22 FEET; THENCE N88°25'47"W A DISTANCE OF 316.03 FEET TO A POINT ON CURVE, SAID POINT BEING ON THE BOUNDARY LINE OF TRACT M, AS PLATTED IN SAID FLYING HORSE FILING NO. 1; THENCE ON THE BOUNDARY LINE OF SAID TRACT M, THE FOLLOWING FIVE (5) COURSES:

- 1. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS N66°58'15"W, HAVING A DELTA OF 70°52'24", A RADIUS OF 74.72 FEET A DISTANCE OF 92.42 FEET TO A POINT OF TANGENT; 2. N47°50'38"W A DISTANCE OF 125.93 FEET TO A POINT ON CURVE;
- 3. ON THE ARC OF A CURVE TO THE LEFT WHOSE CENTER BEARS N62°07'29"W, HAVING A DELTA OF 93°42'48", A RADIUS OF 178.44 FEET A DISTANCE OF 291.86 FEET TO A POINT OF TANGENT; 4. N65°50'18"W A DISTANCE OF 926.31 FEET;
- 5. N66°22'10"W A DISTANCE OF 418.60 FEET;

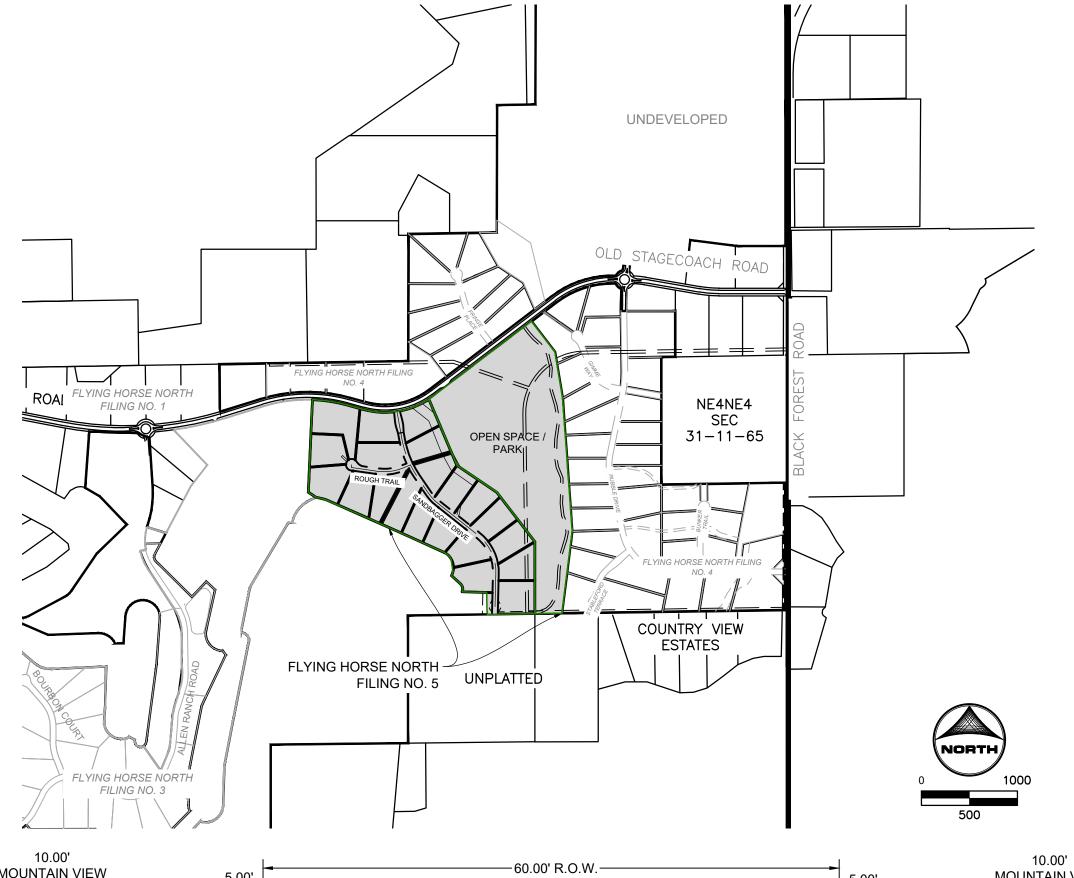
THENCE N77°19'50"W A DISTANCE OF 99.91 FEET TO A POINT ON THE BOUNDARY OF TRACT F, FLYING HORSE FILING NO. 3, AS RECORDED UNDER RECEPTION NUMBER 224715365; THENCE ON SAID BOUNDARY THE FOLLOWING TWO

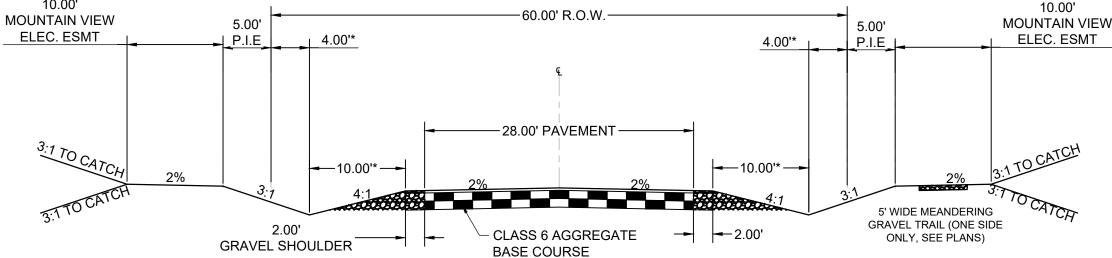
- 1. N56°12'59"W A DISTANCE OF 96.82 FEET; 2. N02°34'45"E A DISTANCE OF 964.84 FEET TO THE POINT OF BEGINNING.
- CONTAINING A CALCULATED AREA OF 5,015,016 SQUARE FEET OR 115. 129 ACRES, MORE OR LESS.

FLYING HORSE NORTH FILING NO. 5 CONSTRUCTION DOCUMENTS

A TRACT OF LAND BEING A PORTION OF SECTION 30, TOWNSHIP 11 SOUTH, RANGE 65 WEST OF THE 6TH P.M., AND A PORTION OF SECTION 31, TOWNSHIP 11 SOUTH, RANGE 65 WEST OF THE 6TH P.M.,

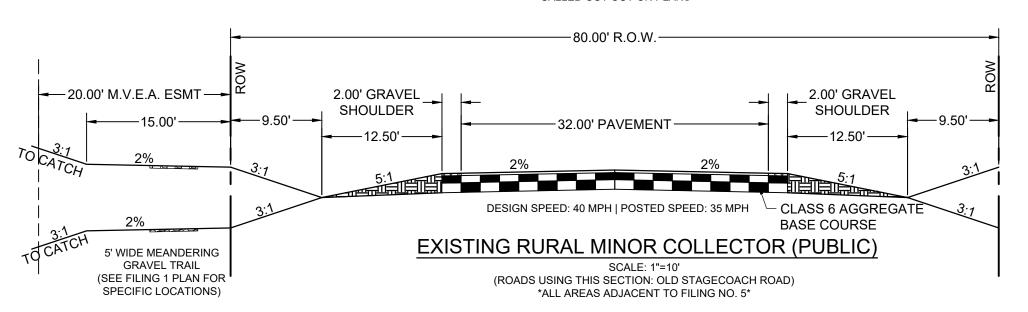
CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, STATE OF COLORADO

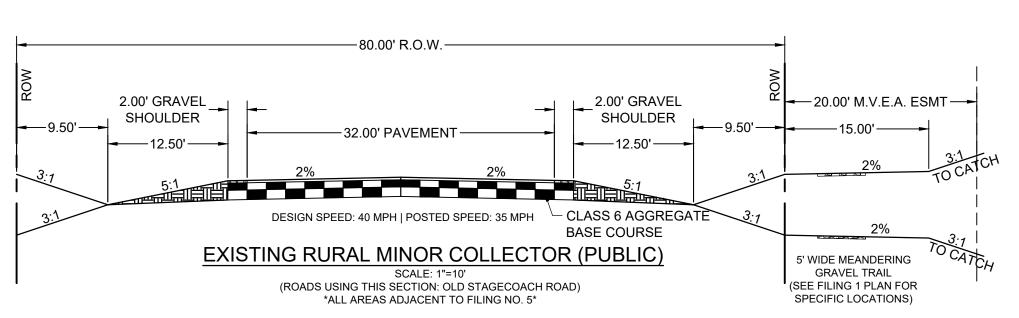




TYPICAL RURAL LOCAL CROSS SECTION DESIGN SPEED: 30 MPH | POSTED SPEED: 30 MPH

SCALE: 1"=10' (ROADS USING THIS SECTION: ROUGH TRAIL & SANDBAGGER DRIVE) *DIMENSIONS MAY VARY FOR EXPANDED DITCH SECTIONS AS CALLED OUT OUT ON PLANS





PROJECT CONTACTS:

OWNER/DEVELOPER PRI #2 6385 CORPORATE DRIVE, STE. 200 COLORADO SPRINGS, CO 80919 ATTN: DREW BALSICK TELE: (719) 592-9333

APPLICANT HR GREEN 1975 RESEARCH PKWY SUITE 160 COLORADO SPRINGS, CO 80920 TELE: (719) 300-4140 ATTN: RICHIE LYON, P.E. EMAIL: RICHIE.LYON@HRGREEN.COM

CIVIL ENGINEER HR GREEN 1975 RESEARCH PKWY SUITE 160 COLORADO SPRINGS, CO 80920 TELE: (719) 300-4140 ATTN: RICHIE LYON, P.E.

EMAIL: RICHIE.LYON@HRGREEN.COM

GEOTECHNICAL ENGINEER COMPANY: ENTECH ENGINEERING, INC ADDRESS: 505 ELKTON DRIVE COLORADO SPRINGS, CO 80907 TELE: (719) 531-5599

ATTN: JOE GOODE EMAIL: JGOODE@ENTECH-ENGINEERING.COM

TRAFFIC ENGINEER SM ROCHA,LLC. 8703 YATES DRIVE, STE 210 WESTMINSTER, CO 80031 TELE: (303) 458-9798 ATTN: MIKE ROCHA EMAIL: MIKE@SMROCHA.COM

SURVEYOR EDWARD-JAMES SURVEYING, INC. 926 ELKTON DRIVE COLORADO SPRINGS, CO 80907 TELE: (719) 576-1216 ATTN: JONATHAN W. TESSIN EMAIL: JTESSIN@EJSURVEYING.COM

UTILITY CONTACTS

ELECTRIC
MOUNTAIN VIEW ELECTRIC ASSOCIATION P.O BOX 1600 LIMON, CO 80831 TELE: (719) 392-3491 ATTN: LES ULFERS

NATURAL GAS BLACK HILLS ENERGY 37 WIDEFIELD BLVD WIDEFIELD, CO 80911 TELE: (719) 332-5856 ATTN: GEORGE M. PETERSON

BLACK FOREST FIRE PROTECTION DISTRICT 114455 TEACHOUT ROAD COLORADO SPRINGS, CO 80908 TELE: (719) 495-4300

SHEET INDEX

ATTN: PJ LANGMAID

1 - COVER 2 - LEGEND & NOTES

3 - OVERALL SITE PLAN 4 - 5 - SANDBAGGER DRIVE 6 - ROUGH TRAIL

7 - MEDIANS 8 - ROADWAY INTERSECTION DETAILS 9 - SIGNAGE AND STRIPING 10 - STORM PLAN AND PROFILE

11 - LOT 4 & 5 PROPOSED SWALE AND GRADING

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 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 DIRECTORS DISCRETION.

COUNTY ENGINEER

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 II CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

RICHARD D. LYON, COLORADO P.E. NO. 53921 DATE

OWNER/DEVELOPER'S STATEMENT:

THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

DREW BALSICK, PRI #2 LLC.

VICE PRESIDENT

PCD FILE NO.: SF24:

BAR IS ONE INCH ON DRAWN BY: RDL JOB DATE: 12/6/2024 OFFICIAL DRAWINGS. APPROVED: RDL JOB NUMBER: <u>211030.25</u> IF NOT ONE INCH. CAD DATE: <u>12/12/2024</u> ADJUST SCALE ACCORDINGLY CAD FILE: J:\2021\211030\CAD\Dwgs\C\Filing_No_5\CoverSheet

NO. DATE BY REVISION DESCRIPTION

HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 160 COLORADO SPRINGS, CO 80920 PHONE: 719.300.4140 HRGreen FAX: 713.965.0044

FLYING HORSE NORTH FILING NO. 5 PRI #2, LLC.

EL PASO COUNTY, CO

COVER & LEGEND

COVER

EL PASO COUNTY STANDARD CONSTRUCTION NOTES:

- ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FILED 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:
- 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
- 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 INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.
- CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
- 9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY EPC. 10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY
- EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT. 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 AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND
- STRIPING NOTES WILL BE PROVIDED. 14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DPW, 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.

GENERAL CONSTRUCTION NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK. THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPLACED AT THE CONTRACTORS EXPENSE AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
- ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
- ALL BACKFILL, SUB-BASE AND/OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED TO THE SOILS ENGINEERS RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION.
- 5. ALL STATIONING IS CENTERLINE UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE INDICATED.
- 6. ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO THE EPC ECM APPENDIX K 1.2C
- 7. ALL INTERSECTION ACCESSES ARE TO BE CONSTRUCTED WITH A 25 FOOT SIGHT VISIBILITY TRIANGLE AND THERE SHALL BE NO OBSTRUCTIONS GREATER THAN 18" IN THIS AREA.
- ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED FOR ROADS SHALL BE PER DESIGN REPORT BY OWNERS GEOTECHNICAL ENGINEER. OWNERS 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. PAVEMENTS DESIGN SHALL BE APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION PRIOR TO CONSTRUCTION.
- TYPE M RIP-RAP WITH 4" OF TYPE II GRANULAR BEDDING AND MIRAFI 180n OR EQUAL MAY BE SUBSTITUTED WHERE TYPE I RIP-RAP WITH MIRAFI FW 700 OR EQUAL IS SPECIFIED.
- 10. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH ANY AND ALL APPLICABLE EL PASO COUNTY STANDARDS AND WITH METRO DISTRICT CONSULTING ENGINEER APPROVAL
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING DETAILED AS-BUILT OF ALL STORM SEWER AND CISTERN INSTALLATIONS, INCLUDING ACCURATE DISTANCES OF MAIN LINES, VALVES, FITTINGS, MANHOLES, AND LOCATIONS OF APPURTENANCES.
- 12. DRAINAGE EASEMENTS ARE PLATTED THROUGHOUT THE FILING AND ARE NO-BUILD AREAS. ALL OTHER AREAS THAT FALL WITHIN IDENTIFIED GEOLOGIC HAZARD AREAS (SEASONAL STORMWATER POOLING, STANDING WATER CONDITIONS) MAY BE MITIGATED ON A PER LOT BASIS WITH EARTHWORK AND FINE GRADING CONSTRUCTION. NO DISTURBANCE FOR EARTHWORK OR GRADING SHALL TAKE PLACE WITHIN THE DESIGNATED DRAINAGE EASEMENTS AND ANY SITE AND FUTURE LOT DISTURBANCE THAT ALTERS THE EXISTING TOPOGRAPHY SHALL DRAIN TO THE DRAINAGE EASEMENTS ON SITE.

Channel Lining Determination						
Calculated Values P300 Max Values						
Section	Shear Stress	Velocity	Shear Stress	Velocity	Lining Required	
A-A	0.75	3.78	3	9	P300	
STREET SECTION 1	1.50	4.26	3	9	P300	
STREET SECTION 2	4.27	6.60	3	9	TMAX	
STREET SECTION 3	1.31	3.49	3	9	P300	

CHANNEL LINING STATIONS					
ROADWAY	START STATION	END STATION	LINING		
SANDBAGGER DRIVE	00+00	16+17	TMAX		
SANDBAGGER DRIVE	16+17	34+44	P300		
ROUGH TRAIL	FULL ROAD	FULL ROAD	P300		

- THE TABLES ABOVE SHOW A SUMMARY OF THE CHANNEL
- LINING REQUIREMENTS WITHIN NATURAL TERTIARY CHANNELS AND ROADSIDE SWALES BASED ON COMPUTATIONS OF SHEAR STRESS AND VELOCITY FOR THE MAJOR STORM EVENTS (100-YEAR) AT THE RESPECTIVE
- SECTIONS PER THE FINAL DRAINAGE REPORT. SEE THE FINAL GEC PLANS FOR CHANNEL LOCATION CALLOUTS.

ABBREVIATIONS

FINISHED FLOOR

FINISHED GRADE

1.5" EXPANSION PAPER

PLOWABLE END SECTION DETAIL

BOTTOM OF CURB -

MEDIANS GREATER THAN 10' WIDE (BOC TO BOC) DO NOT REQUIRE MEDIAN NOSE.

1/12/16

CONCRETE REINFORCED #4 REBAR AT 18" E.W.

FIRE HYDRANT

	<u> </u>	FHWA	FEDERAL HIGHWAY ADMINISTRATION
Δ	DEFLECTION ANGLE	FL	FLOW LINE
Ø, DIA	DIAMETER	FOC	FIBER OPTICS CABLE
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	FT	FOOT OR FEET
ABC	ASPHALT BASE COURSE	GB	GRADE BREAK
ABD	ABANDONED	GAL	GALLON
AC	ACRE	HDPE	HIGH DENSITY POLYETHYLENE
ADA	THE AMERICANS WITH DISABILITIES ACT	HC RAMP	HANDICAP RAMP
ASPH	ASPHALT	HW	HEADWALL
ASS'Y	ASSEMBLY	INV	INVERT
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	KM	KILOMETER
BFE	BASE FLOOD ELEVATION	L	LENGTH
BLDG	BUILDING	LF	LINEAR FEET
BLVD	BOULEVARD	M	METER
BM	BENCH MARK	MIN	MINIMUM
BNDY	BOUNDARY	MISC	MISCELLANEOUS
BOP	BOTTOM OF POND	MAINT	MAINTENANCE
BW	BOTTOM OF VALL	MAX	MAXIMUM
C&G	CURB AND GUTTER	MH	MANHOLE
CA	COARSE AGGREGATE	MP	MIDPOINT
CATV	CABLE TELEVISION	N	NORTH/NORTHING
CB	CHORD BEARING/CATCH BASIN	NO	NUMBER
CFS	CUBIC FEET PER SECOND	OC	ON CENTER
CIP	CAST IRON PIPE	ОН	OVERHEAD
CL	CENTER LINE	PB	PUBLIC
		PC	POINT OF CURVATURE
CMP	CORRUGATED METAL PIPE	PCC	POINT OF COMPOUND CURVATURE
COMP	COMPOSITE	PCR	POINT OF CURB RETURN
CONC	CONCRETE	PI	POINT OF INTERSECTION
CONST	CONSTRUCT OR CONSTRUCTION	PIE	PUBLIC IMPROVEMENT ESMT
CSP	CORRUGATED STEEL PIPE	PT	POINT OF TANGENCY
CSU	COLORADO SPRINGS UTILITIES	PRC	PROPOSED
CT	COURT	PRC	POINT OF REVERSE CURVATURE
CTR	CENTER	PRV	PRESSURE REDUCING VALVE
CU	COPPER	PVT	PRIVATE
CY	CUBIC YARD	PUAE	PUBLIC UTILITY AND ACCESS ESMT
DBL	DOUBLE	PUADE	PUBLIC UTILITY, ACCESS AND DRAINAGE ESMT
DEG	DEGREE	PVC	POLYVINYL CHLORIDE
DET	DETAIL	R	RADIUS
DEPT	DEPARTMENT	REC	RECEPTION
DIM	DIMENSION	RCBC	REINFORCED CONCRETE BOX CULVERT
DIP	DUCTILE IRON PIPE	S	SOUTH
DOT	DEPARTMENT OF TRANSPORTATION	SHT	SHEET
DWG	DRAWING	SQ	SQUARE
E	EAST/EASTING	SW	SPILLWAY
EL	ELEVATION	TBC	TOP BACK OF CURB
ELEC	ELECTRIC	TC	TRICKLE CHANNEL
EOG	EDGE OF GUTTER	TOP	TOP OF POND
EOP	EDGE OF PAVEMENT	TW	TOP OF WALL
ESMT	EASEMENT	TYP	TYPICAL
EW	ENDWALL	UG	UNDERGROUND
EX	EXISTING		
FD	FRENCH DRAIN	VERT	VERTICAL
FDC	FIRE DEPARTMENT CONNECTION	W	WEST
FE	FLANGE ELEVATION	WW	WASTEWATER
FES	FLARED END SECTION	WWF	WELDED WIRE FABRIC
CC	FINICHED FLOOD	W/	WITH

-8" CONCRETE WITH REBAR

CURVED END (VARIES)

SCALE: NOT TO SCALE

SECTION A-A

SECTION B-B

Plowable Median

Nose Detail

Standard Drawina

SD_2-22

MEDIAN NOSE CONCRETE AND CURB & GUTTER SHALL BE PLACED MONOLITHIC WITH NON-COLORED

WITHOUT

W/O

TOPSOIL LAYER AND SEED AND MULCH -AS REQUIRED BY PLANS AND **SPECIFICATIONS** FINISHED GRADE DESIGN RIPRAP GRADE 4"-6" (TYP MIX SOIL AND RIPRAP COMPLETELY (SEE NOTES) PREPARE COMPACTED

SUBGRADE PER SPECIFICATIONS

SOIL RIPRAP EMBANKMENT PROTECTION WITH BEDDING TYP. SECTION

TYPE I RIPRAP

ITELNIFINAF					
INTERMEDIATE	PERCENT				
ROCK DIMENSION	PASSING				
(IN .)	(%)				
15	70-100				
12	50-70				
9	35-50				
3	2-10				

*TYPE L RIPRAP D50=9' D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

TYPE H RIPRAP

INTERMEDIATE	PERCENT			
ROCK DIMENSION	PASSING			
(IN .)	(%)			
30	70-100			
24	50-70			
18	35-50			
6	2-10			

*TYPE L RIPRAP D50=18" D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

RIPRAP NOTES.

1. SOIL RIPRAP DETAILS ARE APPLICABLE TO SLOPED AREAS REFER TO THE

SITE PLAN ACTUAL LOCATION AND LIMITS. MIX UNIFORMLY 65% RIPRAP BY VOLUME WITH 35% OF APPROVED

SOIL BY VOLUME PRIOR TO PLACEMENT. PLACE STONE-SOIL MIX TO RESULT IN SECURELY INTERLOCKED ROCK AT

THE DESIGN THICKNESS AND GRADE. COMPACT AND LEVEL TO ELIMINATE ALL VOIDS AND ROCKS PROJECTING ABOVE DESIGN RIPRAP TOP GRADE. CRIMP OR TACKIFY MULCH OR USE APPROVED HYDROMULCH AS CALLED

FOR IN THE PLANS AND SPECIFICATIONS. ROCK SHALL BE HARD, DURABLE, ANGULAR IN SHAPE, AND FREE FROM CRACKS, OVERBURDEN, SHALE, AND ORGANIC MATTER.

NEITHER BREADTH NOR THICKNESS OF A SINGLE STONE SHOULD BE LESS THAN ONE-THIRD ITS LENGTH, AND ROUNDED STONE SHOULD BE

THE ROCK SHOULD SUSTAIN A LOSS OF NOT MORE THAN 40% AFTER 500 REVOLUTIONS IN AN ABRASION TEST (LOS ANGELES MACHINEASTM C-535-69) AND SHOULD SUSTAIN A LOSS OF NOT MORE THAN 10% AFTER 12 CYCLES OF FREEZING AND THAWING (AASHTO TEST 103 FOR LEDGE ROCK PROCEDURE A).

ROCK HAVING A MINIMUM SPECIFIC GRAVITY OF 2.65 IS PREFERRED; HOWEVER, IN NO CASE SHOULD ROCK HAVE A SPECIFIC GRAVITY LESS

TVDE VI DIDDAD

I YPE VI	TYPE VL RIPRAP					
INTERMEDIATE ROCK DIMENSION (IN .)	PERCENT PASSING (%)					
12	70-100					
9	50-70					
6	35-50					
2	2-10					

*TYPE L RIPRAP D50=6": D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

TYPE M RIPRAP INTERMEDIATE PERCENT ROCK DIMENSION PASSING (%) 70-100 50-70

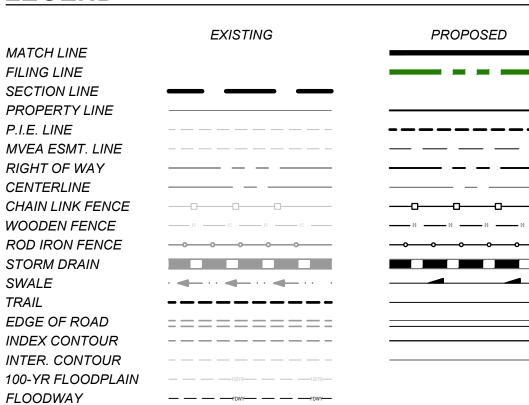
12

35-50

2-10

*TYPE L RIPRAP D50=12" D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

LEGEND



GEOHAZARD DELINEATION

MANHOLE STORM INLET FLARED END SECTION

STORM SEWER

EXISTING

PROPOSED

PCD FILE NO.: SF24:

BAR IS ONE INCH ON DRAWN BY: RDL JOB DATE: 12/6/2024 OFFICIAL DRAWINGS. APPROVED: RDL JOB NUMBER: <u>211030.25</u> IF NOT ONE INCH. CAD DATE: <u>12/12/2024</u> ADJUST SCALE ACCORDINGLY. CAD FILE: J:\2021\211030\CAD\Dwgs\C\Filing_No_5\CoverSheet

NO. DATE BY REVISION DESCRIPTION

1/12/16

André P. Brackin

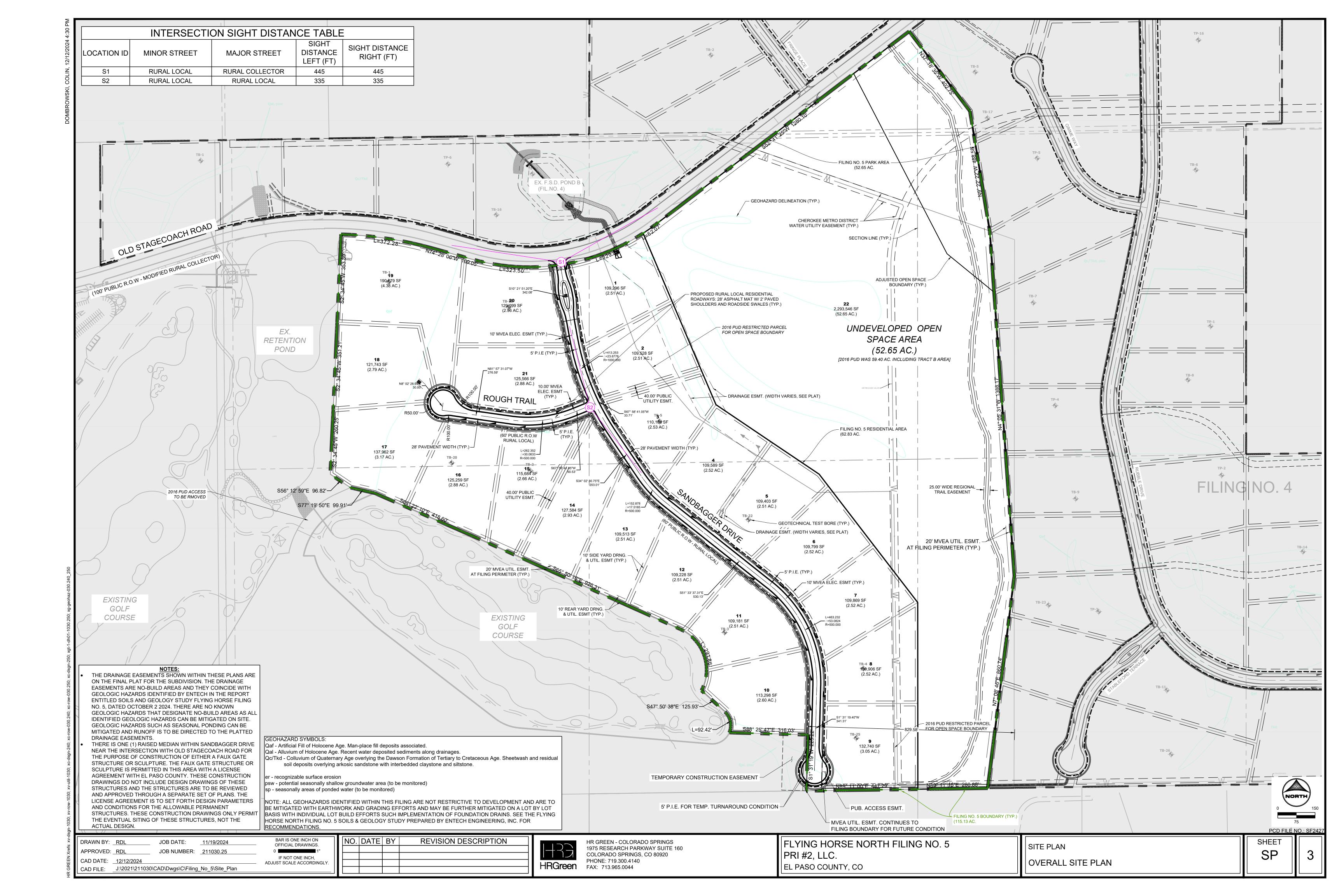
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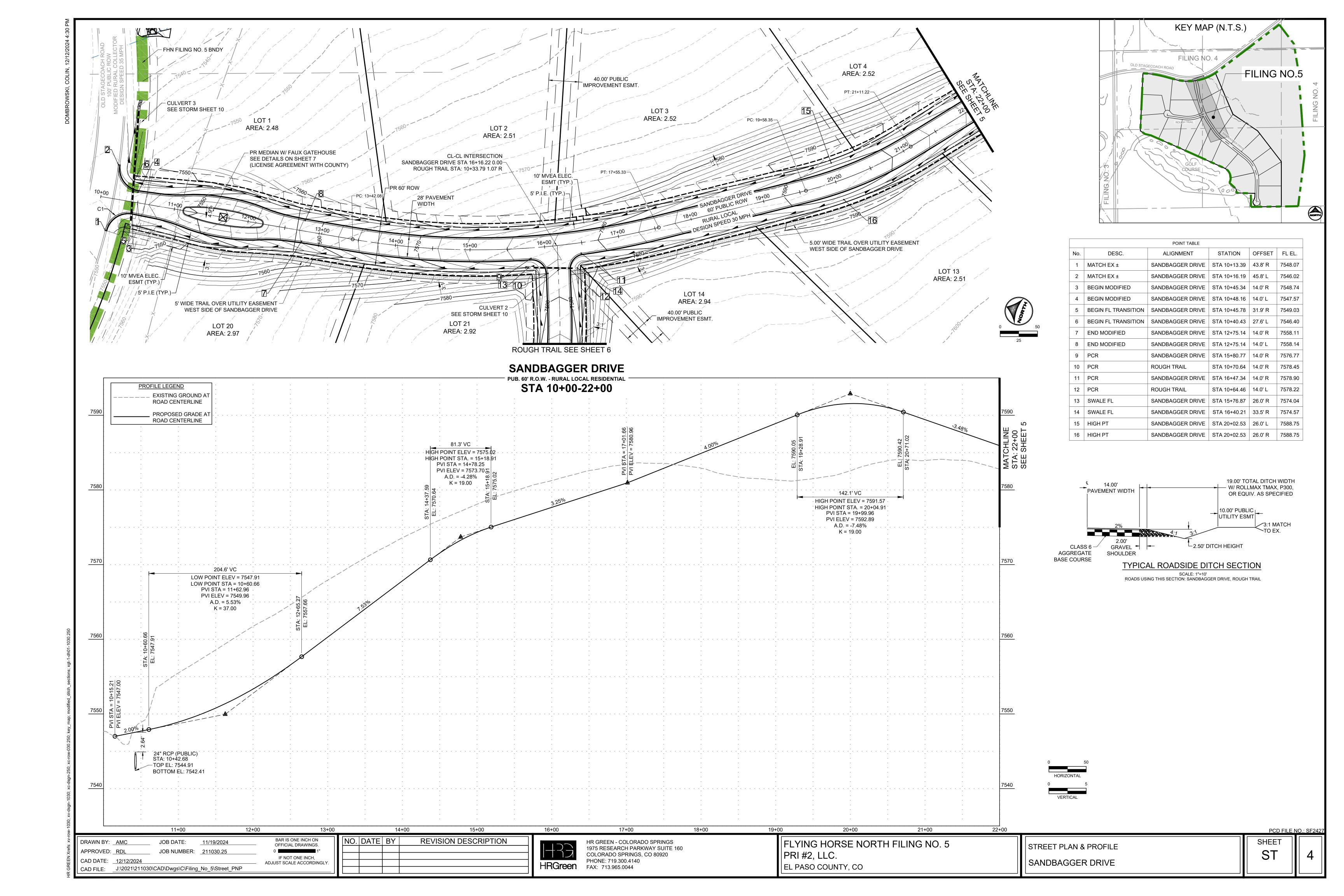
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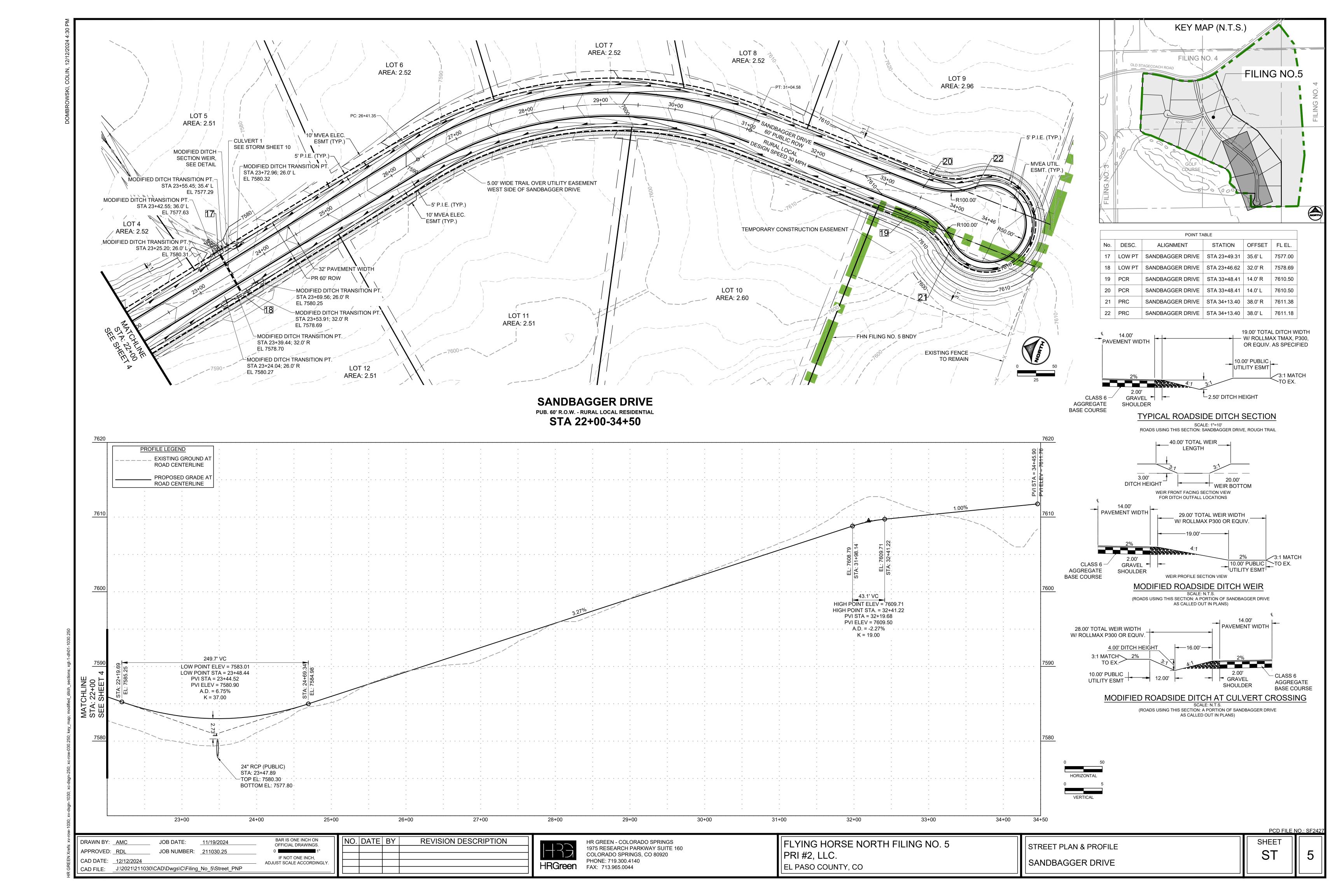
HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 160 COLORADO SPRINGS, CO 80920 PHONE: 719.300.4140 HRGreen FAX: 713.965.0044

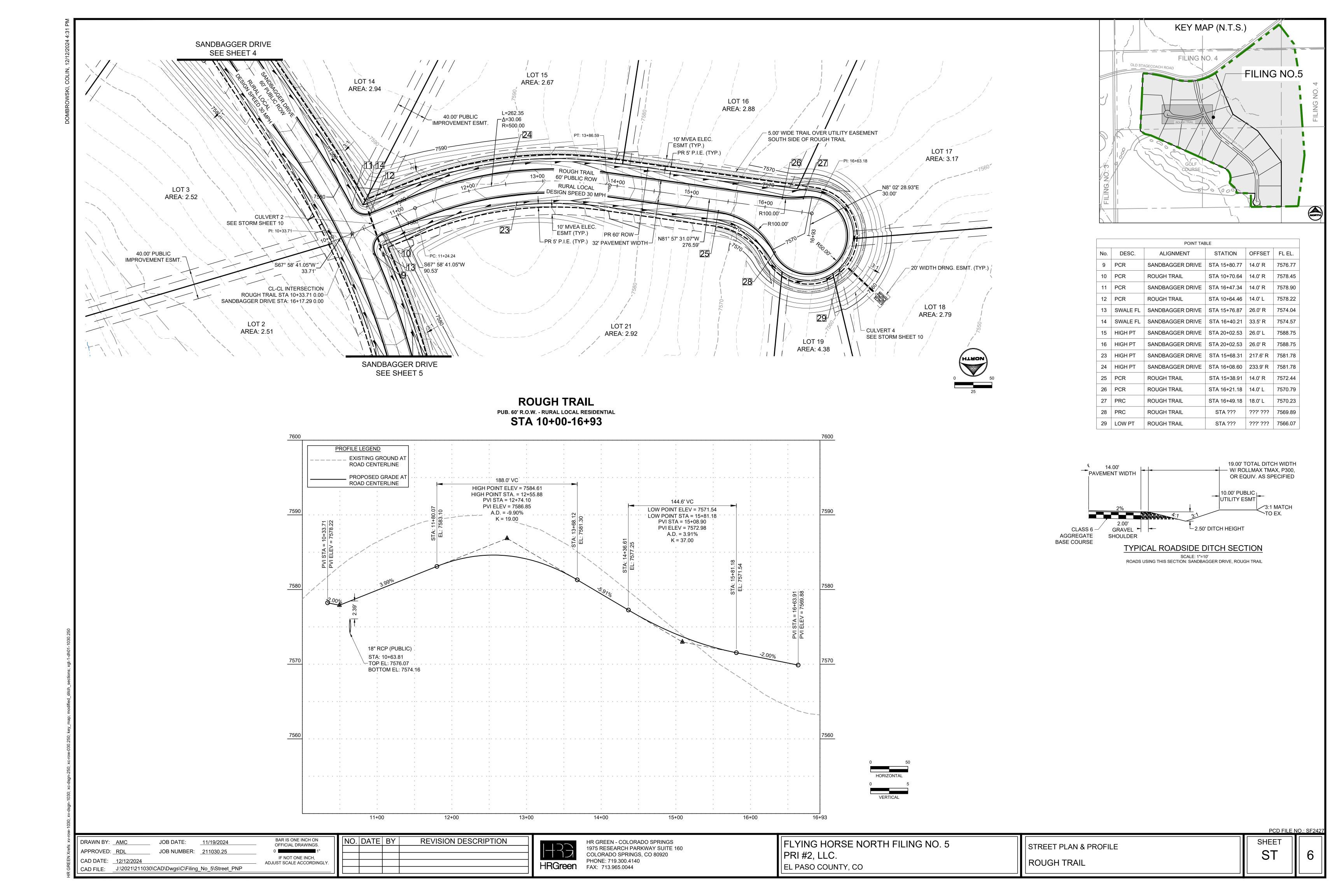
FLYING HORSE NORTH FILING NO. 5 PRI #2, LLC. EL PASO COUNTY. CO

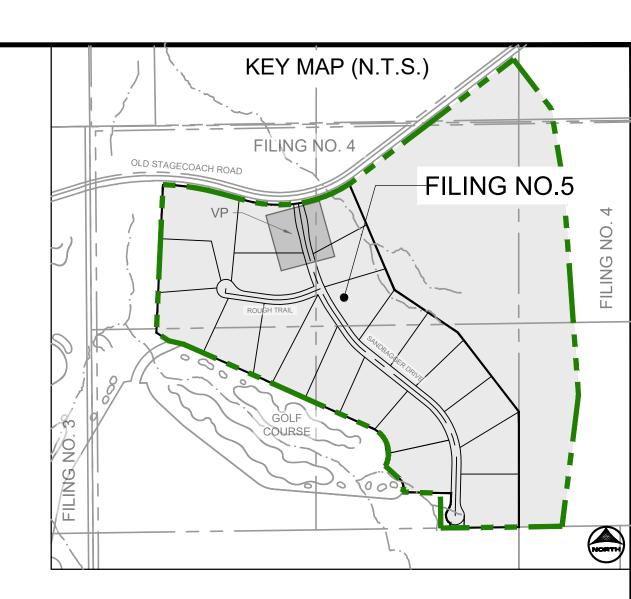
COVER & LEGEND ||LEGEND & NOTES SHEET











PLAN VIEW SANDBAGGER DRIVE MEDIAN

	POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.	
3	BEGIN MODIFIED	SANDBAGGER DRIVE	STA 10+45.34	14.0' R	7548.74	
4	BEGIN MODIFIED	SANDBAGGER DRIVE	STA 10+48.16	14.0' L	7547.57	
5	BEGIN FL TRANSITION	SANDBAGGER DRIVE	STA 10+45.78	31.9' R	7549.03	
6	BEGIN FL TRANSITION	SANDBAGGER DRIVE	STA 10+40.43	27.6' L	7546.40	
30	EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 10+80.00	17.1' R	7548.02	
31	SWALE FL	SANDBAGGER DRIVE	STA 10+80.00	27.1' R	7545.53	
32	EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 11+19.08	20.8' R	7549.24	
33	EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 11+71.12	25.0' R	7551.44	
34	SWALE FL	SANDBAGGER DRIVE	STA 11+71.12	37.0' R	7548.91	
35	EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 12+13.13	20.8' R	7553.78	
36	EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 12+52.21	17.0' R	7556.36	
37	SWALE FL	SANDBAGGER DRIVE	STA 12+52.21	27.0' R	7553.82	
38	EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 12+75.14	16.0' R	7558.06	
39	TYPE B C&G	SANDBAGGER DRIVE	STA 11+16.11	4.9' R	7549.36	
40	TYPE B C&G	SANDBAGGER DRIVE	STA 11+16.11	4.9' L	7549.36	

POINT TABLE						
DESC.	ALIGNMENT	STATION	OFFSET	FL EL.		
PLOWABLE NOSE	SANDBAGGER DRIVE	STA 11+12.23	0.0' R	7549.36		
TYPE B C&G	SANDBAGGER DRIVE	STA 11+66.11	10.0' R	7551.39		
TYPE B C&G	SANDBAGGER DRIVE	STA 11+66.11	10.0' L	7551.40		
TYPE B C&G	SANDBAGGER DRIVE	STA 12+16.11	4.8' R	7554.21		
TYPE B C&G	SANDBAGGER DRIVE	STA 12+16.11	4.9' L	7554.21		
PLOWABLE NOSE	SANDBAGGER DRIVE	STA 12+19.98	0.0' L	7554.21		
EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 10+80.01	17.1' L	7548.02		
SWALE FL	SANDBAGGER DRIVE	STA 10+80.01	27.1' L	7545.53		
EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 11+19.09	20.9' L	7549.24		
EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 11+71.12	25.0' L	7551.46		
SWALE FL	SANDBAGGER DRIVE	STA 11+71.12	37.0' L	7548.93		
EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 12+13.13	20.8' L	7553.81		
EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 12+52.21	17.0' L	7556.40		
SWALE FL	SANDBAGGER DRIVE	STA 12+52.21	27.0' L	7553.86		
EDGE OF SHOULDER	SANDBAGGER DRIVE	STA 12+75.14	16.0' L	7558.09		
	PLOWABLE NOSE TYPE B C&G PLOWABLE NOSE EDGE OF SHOULDER SWALE FL EDGE OF SHOULDER SWALE FL	DESC. ALIGNMENT PLOWABLE NOSE SANDBAGGER DRIVE TYPE B C&G SANDBAGGER DRIVE PLOWABLE NOSE SANDBAGGER DRIVE EDGE OF SHOULDER SANDBAGGER DRIVE SWALE FL SANDBAGGER DRIVE EDGE OF SHOULDER SANDBAGGER DRIVE EDGE OF SHOULDER SANDBAGGER DRIVE EDGE OF SHOULDER SANDBAGGER DRIVE SWALE FL SANDBAGGER DRIVE EDGE OF SHOULDER SANDBAGGER DRIVE	DESC. ALIGNMENT STATION PLOWABLE NOSE SANDBAGGER DRIVE STA 11+12.23 TYPE B C&G SANDBAGGER DRIVE STA 11+66.11 TYPE B C&G SANDBAGGER DRIVE STA 11+66.11 TYPE B C&G SANDBAGGER DRIVE STA 12+16.11 TYPE B C&G SANDBAGGER DRIVE STA 12+16.11 TYPE B C&G SANDBAGGER DRIVE STA 12+16.11 PLOWABLE NOSE SANDBAGGER DRIVE STA 12+19.98 EDGE OF SHOULDER SANDBAGGER DRIVE STA 10+80.01 SWALE FL SANDBAGGER DRIVE STA 10+80.01 EDGE OF SHOULDER SANDBAGGER DRIVE STA 11+71.12 SWALE FL SANDBAGGER DRIVE STA 11+71.12 SWALE FL SANDBAGGER DRIVE STA 11+71.12 EDGE OF SHOULDER SANDBAGGER DRIVE STA 11+71.12 SWALE FL SANDBAGGER DRIVE STA 12+13.13 EDGE OF SHOULDER SANDBAGGER DRIVE STA 12+52.21 SWALE FL SANDBAGGER DRIVE STA 12+52.21	DESC. ALIGNMENT STATION OFFSET PLOWABLE NOSE SANDBAGGER DRIVE STA 11+12.23 0.0' R TYPE B C&G SANDBAGGER DRIVE STA 11+66.11 10.0' R TYPE B C&G SANDBAGGER DRIVE STA 11+66.11 10.0' L TYPE B C&G SANDBAGGER DRIVE STA 12+16.11 4.8' R TYPE B C&G SANDBAGGER DRIVE STA 12+16.11 4.9' L PLOWABLE NOSE SANDBAGGER DRIVE STA 12+19.98 0.0' L EDGE OF SHOULDER SANDBAGGER DRIVE STA 10+80.01 17.1' L SWALE FL SANDBAGGER DRIVE STA 10+80.01 27.1' L EDGE OF SHOULDER SANDBAGGER DRIVE STA 11+71.12 25.0' L SWALE FL SANDBAGGER DRIVE STA 11+71.12 37.0' L EDGE OF SHOULDER SANDBAGGER DRIVE STA 12+13.13 20.8' L EDGE OF SHOULDER SANDBAGGER DRIVE STA 12+52.21 17.0' L SWALE FL SANDBAGGER DRIVE STA 12+52.21 17.0' L SWALE FL SANDBAGGER DRIVE STA 12+52.21 27.0' L		

POINT TABLE SANDBAGGER DRIVE MEDIAN AND MONUMENT

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
0 1" DRAWN BY: <u>AMC</u> JOB DATE: <u>11/19/2024</u> JOB NUMBER: <u>211030.25</u> APPROVED: RDL IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY. CAD DATE: <u>12/12/2024</u> CAD FILE: J:\2021\211030\CAD\Dwgs\C\Filing_No_5\Street_PNP

REVISION DESCRIPTION NO. DATE BY

HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

FLYING HORSE NORTH FILING NO. 5 PRI #2, LLC. EL PASO COUNTY, CO

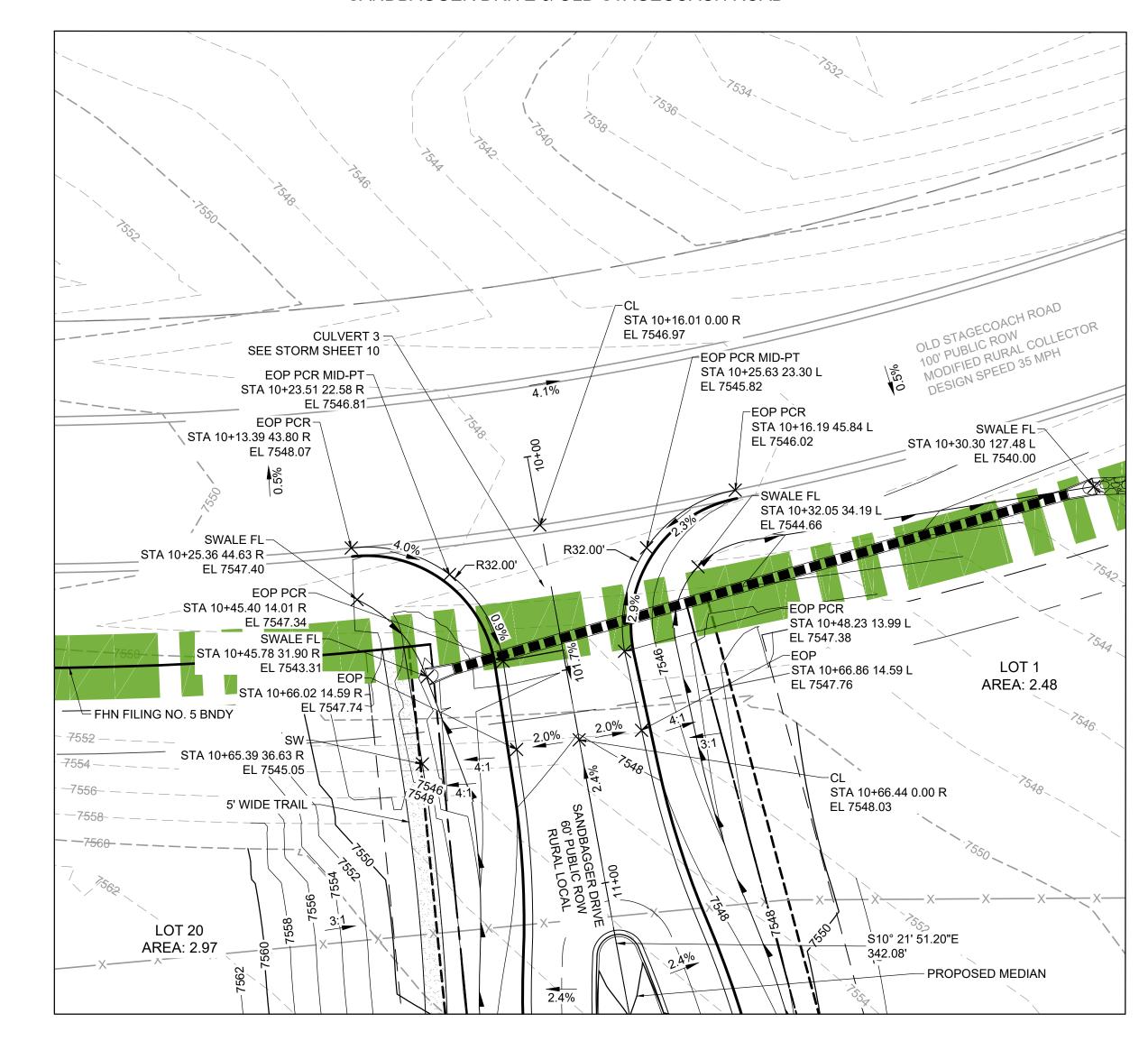
STREET PLAN & PROFILE MEDIANS

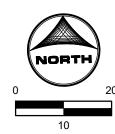
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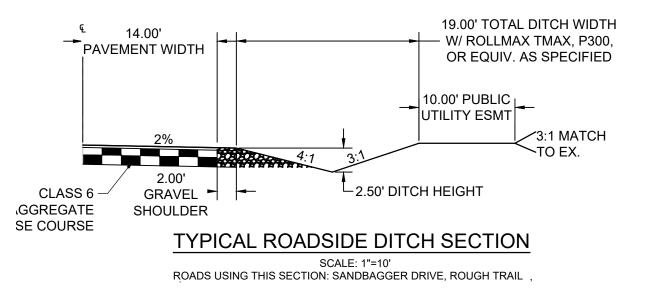
PCD FILE NO.: SF2427

ROADWAY INTERSECTION DETAIL - A

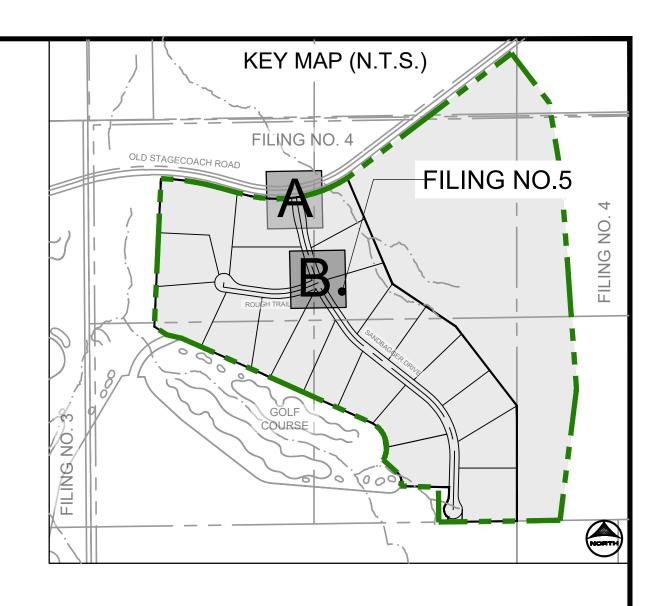
SANDBAGGER DRIVE & OLD STAGECOACH ROAD





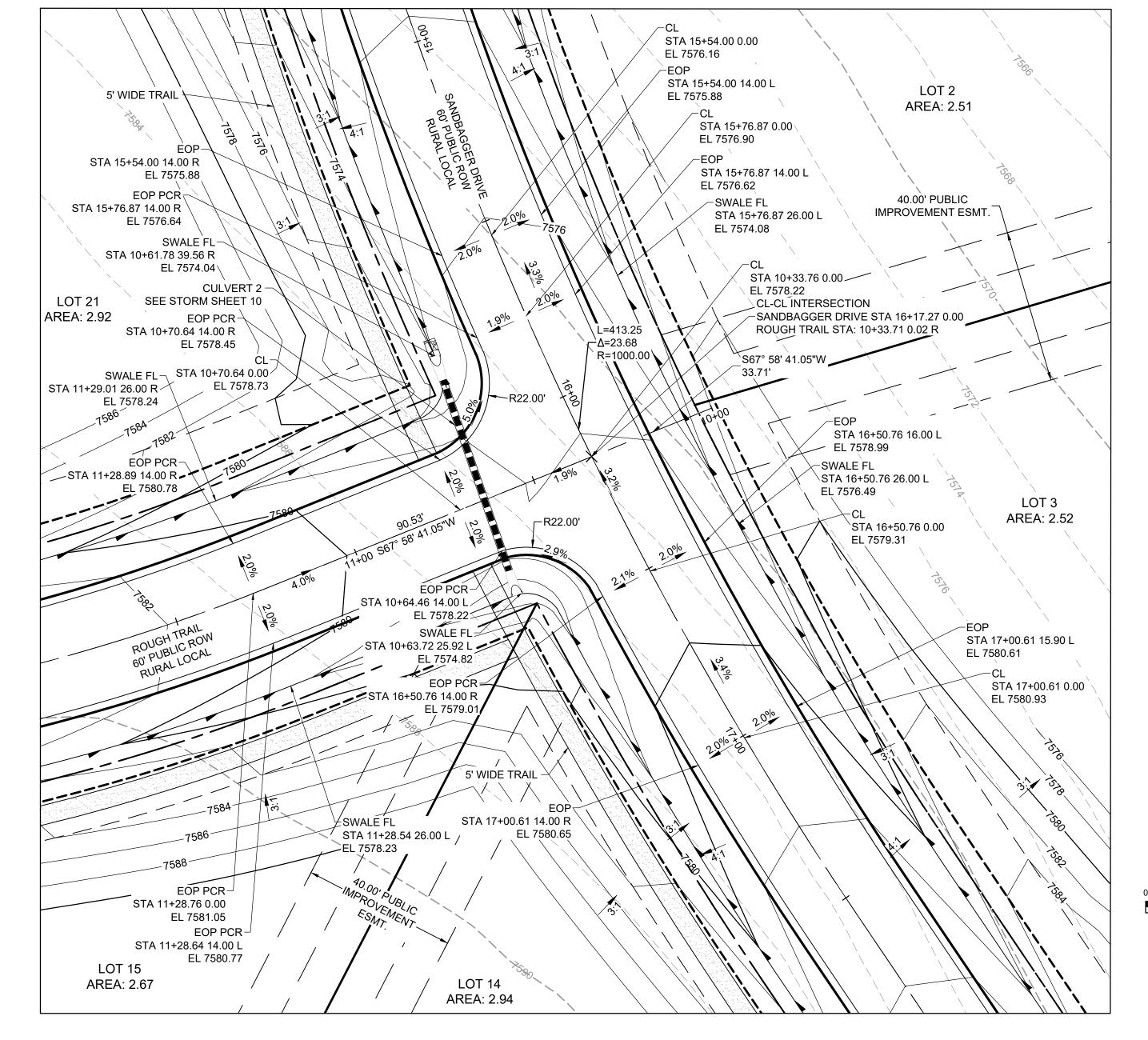


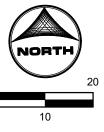
NO. DATE BY



ROADWAY INTERSECTION DETAIL - B

SANDBAGGER DRIVE & ROUGH TRAIL





DRAWN BY:	AMC	JOB DATE:	11/14/2024	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED:	RDL	JOB NUMBER:	211030.25	0 1"
CAD DATE:	12/12/2024			IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY
CAD FILE:	J:\2021\211030\	CAD\Dwgs\C\Filing	_No_5\Intersection_Details	

REVISION DESCRIPTION

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FLYING HORSE NORTH FILING NO. 5 PRI #2, LLC. EL PASO COUNTY, CO

STREET PLAN & PROFILE ROADWAY INTERSECTION DETAILS

PCD FILE NO.: SF242 ST

