

EASTONVILLE ROAD FROM LONDONDERRY DR. TO REX RD. SEGMENT 2 IMPROVEMENTS STATIONING 47+00.00-79+31.62

**LOCATED IN A PORTION OF SECTION 28, TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN
COUNTY OF EL PASO, STATE OF COLORADO
JANUARY 2025**

BENCHMARK

THE BENCHMARK FOR THIS TOPOGRAPHICAL MAP IS NGS MONUMENT F24, WITH A PUBLISHED ELEVATION OF 6866.33 FEET. NAV88.

BASIS OF BEARING

THE BASIS OF BEARING IS THE NORTH LINE OF SECTION 28 TOWNSHIP 12 SOUTH, RANGE 64 WEST OF THE 6TH P.M. BEING MONUMENTED AT EACH END BY A 3-1/4" ALUMINUM CAP STAMPED "PS INC LS 30087, ASSUMED TO BEAR S89°47'04", A DISTANCE OF 5,285.07 FEET.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

OWNER/DEVELOPER

MELODY HOMES INC. (D.R. HORTON)
9655 S. KINGSTON CT.
SUITE 200
CONTACT: RILEY HILLEN, P.E.
EMAIL: RHILLEN@DRHORTON.COM

CIVIL ENGINEER

HR GREEN DEVELOPMENT, LLC
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
TELE: (719) 394-2433
CONTACT: COLLEEN MONAHAN
EMAIL: CMONAHAN@HRGREEN.COM

EL PASO COUNTY - ENGINEERING REVIEW

PLANNING AND DEVELOPMENT
2880 INTERNATIONAL CIRCLE, SUITE 110
COLORADO SPRINGS, CO 80910
TELE: (719) 520-6300
CONTACT: JEFF RICE, P.E. (719) 520-6300
EMAIL: JEFFRICE@ELPASOCO.COM

TRAFFIC ENGINEERING

EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS
3275 AKERS DRIVE
COLORADO SPRINGS, CO 80922
TELE: (719) 520-6460
CONTACT: JOSHUA PALMER
EMAIL: JOSHUPALMER@ELPASOCO.COM

APPLICANT

HR GREEN DEVELOPMENT, LLC
1975 RESEARCH PARKWAY SUITE 230
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LANDSCAPE ARCHITECT

HR GREEN DEVELOPMENT, LLC
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS, CO 80920
TELE: (720) 602-4941
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EMAIL: BLAINE.PERKINS@HRGREEN.COM

SURVEYOR

EDWARD-JAMES SURVEYING, INC.
1005 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
CONTACT: ED FISHER
TELE: 719-576-1216

TRAFFIC ENGINEER

LSC TRANSPORTATION CONSULTANTS, INC.
545 EAST PIKES PEAK AVENUE, SUITE 210
COLORADO SPRINGS, CO 80903
TELE: (719) 633-2669
CONTACT: JEFF HODSDON
EMAIL: JEFF@LSCTRANS.COM

GEOTECHNICAL ENGINEER

CTL THOMPSON INC.
5170 MARK DABLING BLVD
COLORADO SPRINGS, CO 80918
TELE: (719) 528-8300
CONTACT: JEFFREY M. JONES P.E.

WATER & WASTE WATER

GRANDVIEW RESERVE METROPOLITAN DISTRICT
1272 KELLY JOHNSON BLVD SUITE100
(719) 499-8416
CONTACT: PAUL HOWARD
EMAIL: PAULINFINTY1@MSN.COM

ELECTRIC

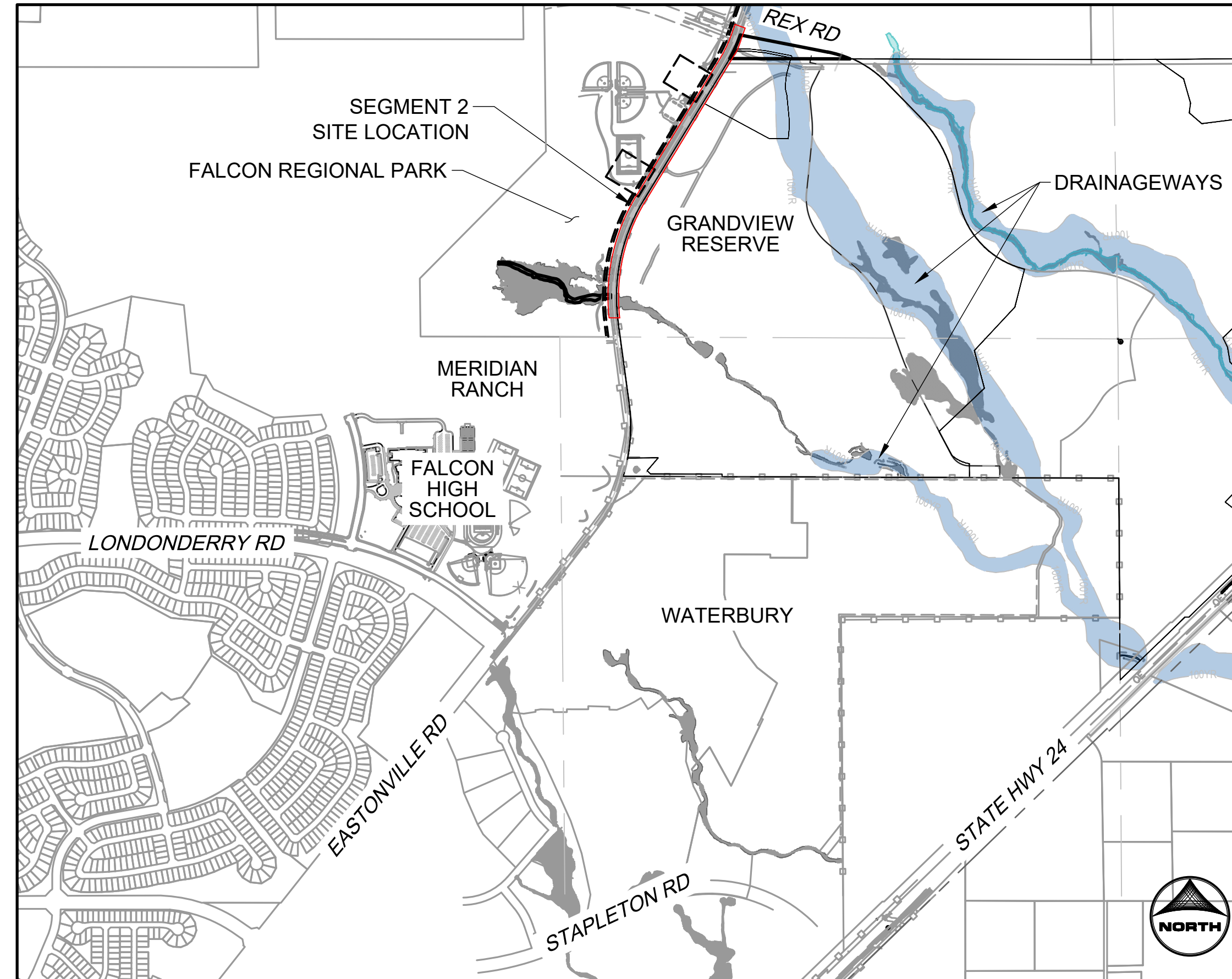
MOUNTAIN VIEW ELECTRIC ASSOCIATION, INC.
11140 E. WOODMEN RD
FALCON, CO 80831-8127
TELE: (719) 495-2283

NATURAL GAS

BLACK HILLS ENERGY
198 COUNTY LINE RD
PALMER LAKE, CO 80133
TELE: (719) 332-5856
CONTACT: BOB SWATEK
EMAIL: BOB.SWATEK@BLACKHILLSCORP.COM

FIRE DEPARTMENT

FALCON FIRE PROTECTION DISTRICT ADMINISTRATION
7030 OLD MERIDIAN RD
PENTON, CO 80831
TELE: (719) 495-4050
EMAIL: FALCONFIRE@FALCONFIREPD.ORG



VICINITY MAP

SCALE 1" = 1000'

EASTONVILLE RD. OVERALL SHEET INDEX

SEGMENT 1	SHEETS 1 - 42
SEGMENT 2	SHEETS 43- 100

SHEET INDEX

SHEET NUMBER	SHEET DESCRIPTION	SHEET TITLE
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45	GN.1	LEGEND
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47 - 48	ROW.4 - ROW.5	RIGHT-OF-WAY PLANS
49 - 51	DE.1 - DE.3	DEMOLITION PLANS
52 - 54	PP.1 - PP.3	PLAN AND PROFILES
55 - 56	GEC.1 - GEC.2	GRADING AND EROSION CONTROL PLANS
57 - 63	R.1 - R.7	DAWLISH DRIVE GRADING AND STRIPING PLANS
64 - 70	R.8 - R.14	REX ROAD GRADING AND STRIPING PLANS
71 - 72	S.1 - S.2	STRIPING PLANS
73 - 77	PD.1 - PD.5	POND PLANS
78 - 81	STM.1 - STM.4	STORM PLAN AND PROFILES
82 - 85	E.1 - E.4	LIGHTING PLANS
86 - 87	DT.1 - DT.2	DETAILS
88 - 91	WT.01 - WT.04	WATER PLAN AND PROFILES
92 - 98	L.01 - L.07	LANDSCAPE PLANS
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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 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.

JOSHUA PALMER P.E. _____ DATE _____
COUNTY ENGINEER

OWNER'S STATEMENT

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

OWNER'S SIGNATURE _____ DATE _____

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 CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THESE DETAILED PLANS AND SPECIFICATIONS.

COLLEEN P. MONAHAN, COLORADO LICENSED PROFESSIONAL ENGINEER
 _____ DATE _____

DISTRICT APPROVALS

THESE DOCUMENTS HAVE BEEN REVIEWED AND APPROVED FOR STORM DRAIN AND ASSOCIATED UTILITY SERVICE CONSTRUCTION.

FOR AND ON BEHALF OF THE GRANDVIEW RESERVE METROPOLITAN DISTRICT _____ DATE _____



EDARP FILING NO. CDR2321

DRAWN BY: ACH	JOB DATE: 1/3/2025
APPROVED: CMM	JOB NUMBER: 201662.08
CAD DATE: 1/20/2025	
CAD FILE: J:\2020\201662\CAD\DWG\CIE\Eastonville_Road_662.08\Segment_2\CID\Road_CDs\Cover_N...	

NO.	DATE	BY	REVISION DESCRIPTION



HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
EL PASO COUNTY, COLORADO



FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
COVER

SHEET
CS.1
43

HR GREEN Xref: xpl-1-df01; general_construction_notes; Signing_n; Stripping_Notes; Standard_Elpasso; Signature_Blocks; Agency_List; Grading_Plan_Legend_2; List_of_Abbreviations; EPC_Parcel; x-row-662; Roundabout_Curb_Details; Bldg_ramp_detail; EPC_GEC_Notes

GRADING AND EROSION CONTROL NOTES:

- STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
- 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 CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
- A SEPARATE STORMWATER MANAGEMENT PLAN (SWMP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. MANAGEMENT OF THE SWMP DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QUALIFIED STORMWATER MANAGER OF CERTIFIED EROSION CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON SITE AT ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
- ONCE THE ESQCP IS APPROVED AND A "NOTICE TO PROCEED" HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE APPROVED GEC. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND THE EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF.
- CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE.
- ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATION CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
- TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
- FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE LEVELS ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
- ALL PERMANENT STORMWATER FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE DESIGN OF FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
- EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.
- COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OF WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENEED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
- ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF SITE.
- CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. CONCRETE WASHOUTS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.
- DURING DEWATERING OPERATIONS OF UNCONTAMINATED GROUND WATER MAY BE DISCHARGED ON SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE.
- EROSION BLANKET OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED OR DISCHARGED AT THIS SITE.
- WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. CONTROL MEASURES MAY BE REQUESTED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.

- TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP PROPERLY AND PROPERLY DISPOSED OF IMMEDIATELY.
- THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF THE SITE DEVELOPMENT.
- THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN AN EAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABEL.
- NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ONSITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S) SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
- BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRED ADEQUATE SECONDARY PROTECTION TO CONTAIN AL SPILLS ONSITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
- NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
- OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS) AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DCM VOLUME II AND ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (401, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC). IN THE EVENT OF CONFLICT BETWEEN THESE REQUIREMENTS AND OTHER LAWS RULES OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES OR REGULATIONS SHALL APPLY.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
- PRIOR TO CONSTRUCTION THE PERMITEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
- A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
- THE SOILS REPORT FOR THE SITE HAS BEEN PREPARED BY ENTECH ENGINEERING, INC. AND SHALL BE CONSIDERED A PART OF THESE PLANS.
- AT LEAST (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:
- COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
- WATER QUALITY CONTROL DIVISION
- WGCD - PERMITS
- 4300 CHERR CREEK DRIVE SOUTH
- DENVER, CO 80246-1530
- ATTN: PERMITS UNIT

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 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 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.
- 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 PER THE SOILS ENGINEER'S RECOMMENDATIONS AND APPROVED BY EL PASO COUNTY PCD.
- ALL STATIONING IS CENTERLINE OF IMPROVEMENTS UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE INDICATED AS TOP BACK OF CURB (TBC), ASPHALT (ASP), OR TOP OF INLET OR BOX (TOB).
- ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO EPC ECM APPENDIX K - 1.2C
- ALL INTERSECTION ACCESSES TO BE CONSTRUCTED WITH A 25 FOOT SIGHT VISIBILITY TRIANGLES EXCEPT [VOLLMER ROAD, MARKSHEFFEL ROAD, BRAIRGATE PARKWAY] WHICH IS AN ARTERIAL AND A 50 FOOT SIGHT VISIBILITY TRIANGLE IS REQUIRED AND THERE SHALL BE NO OBSTRUCTIONS GREATER THAN 18" IN THIS AREA.
- ALL CULVERTS AND STORM DRAIN PIPES SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE (HDPE), REINFORCED CONCRETE PIPE (RCP). ALL CULVERTS SHALL BE PLACED COMPLETE WITH FLARED END SECTIONS. ADEQUACY OF MATERIAL THICKNESS FOR ANY CSP INSTALLED SHALL BE VERIFIED BY OWNER'S GEOTECHNICAL ENGINEER TO SUPPORT MINIMUM 50 YEAR DESIGN LIFE. CULVERTS MUST CONFORM TO EPC ECM SECTION 3.32 - CULVERTS.
- 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 THE 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 EL PASO COUNTY ENGINEERING DIVISION PRIOR TO CONSTRUCTION.

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 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 EPC ENGINEERING. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
- ALL STORM DRAIN PIPE SHALL BE CLASS III ROP UNLESS OTHERWISE NOTED AND APPROVED BY EL PASO COUNTY.
- CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY 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 AND MUTCD CRITERIA.
- CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY, 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.

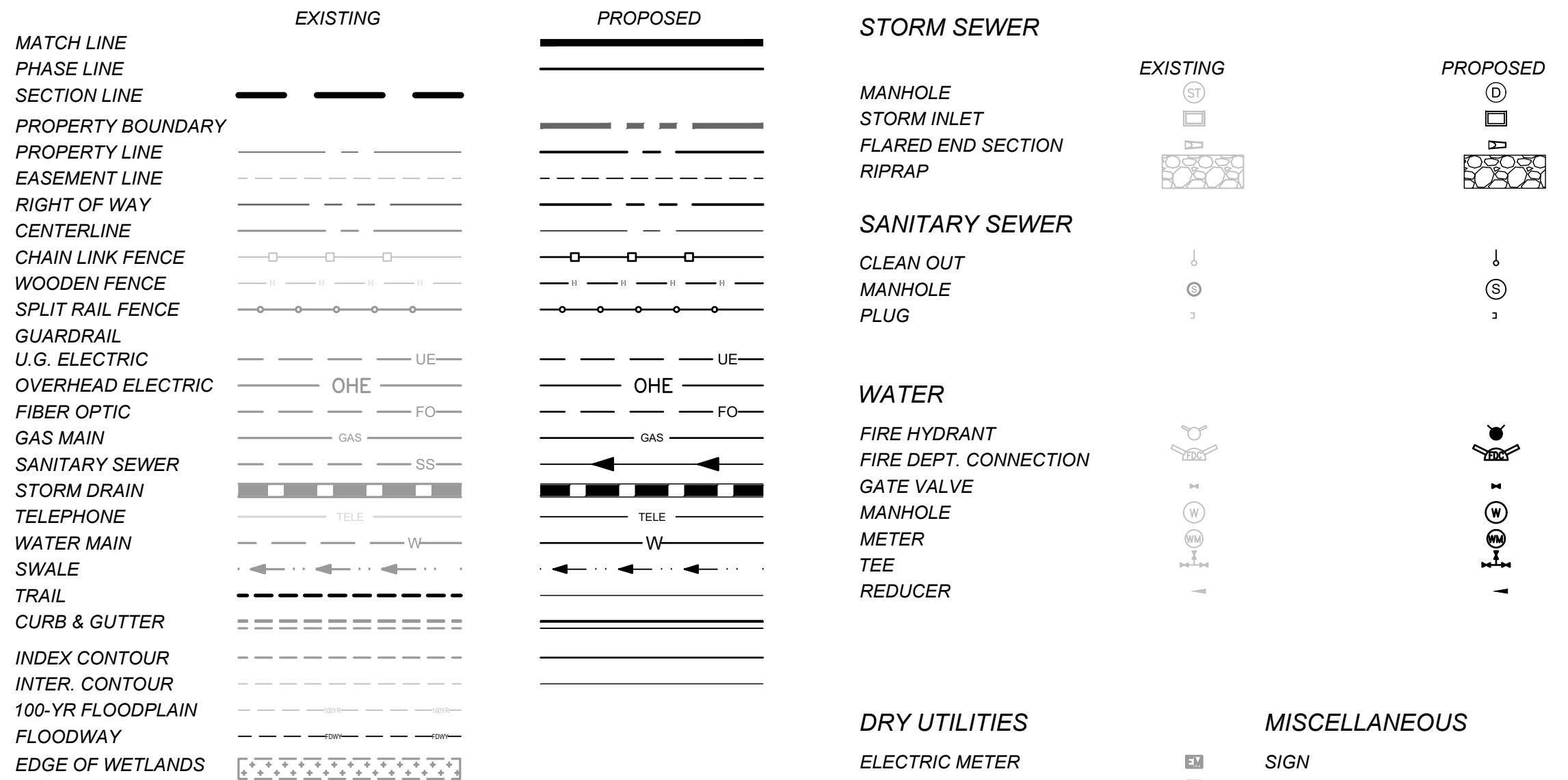
LIST OF ABBREVIATIONS

SHT - SHEET
 Δ - DEFLECTION ANGLE
 L - LENGTH
 R - RADIUS
 CB - CHORD BEARING
 C - CHORD LENGTH
 N - NORTH/NORTHING
 W - WEST
 E - EAST/EASTING
 S - SOUTH
 DET - DETAIL
 EX - EXISTING
 WI - WITH
 PC - POINT OF CURVATURE/PORTLAND CEMENT
 WWF - WELDED WIRE FABRIC
 VERT - VERTICAL
 OC - ON CENTER
 FDC - FIRE DEPARTMENT CONNECTION
 CT - COURT
 DR - DRIVE
 TYP - TYPICAL
 REC - RECEPTION NUMBER
 Ø, DIA - DIAMETER
 PT - POINT OF TANGENCY
 MIN - MINIMUM
 MAX - MAXIMUM
 HDPE - HIGH DENSITY POLYETHYLENE

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. MULT-LANE ROADWAYS WITH SPEED LIMITS OF 35 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 12" 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". SIGNAL POLE MOUNTED AND OVERHEAD STREET NAME SIGNS SHALL BE PER MUTCD SIZE STANDARDS.
- ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
- ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
- ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
- ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 24" WIDE AND A MINIMUM OF 9' LONG.
- WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE.
- 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 (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 (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

LEGEND



EDARP FILING NO. CDR2321

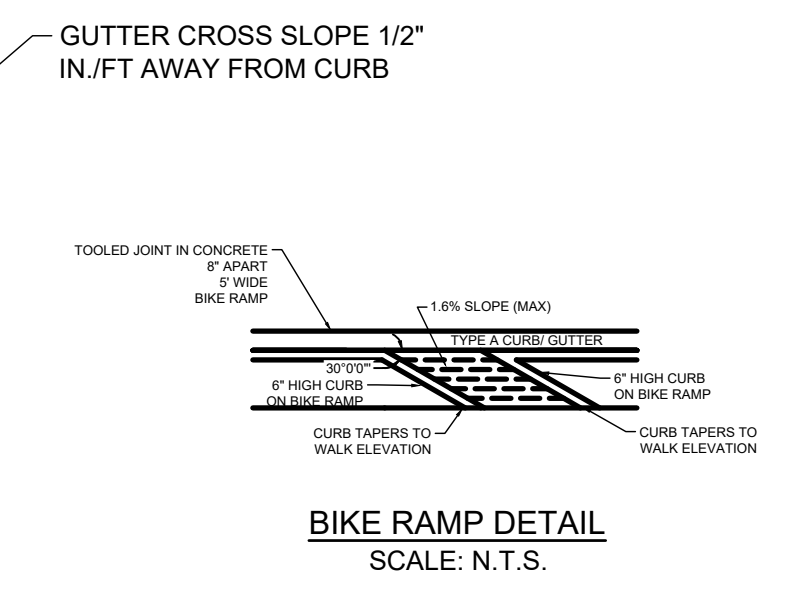
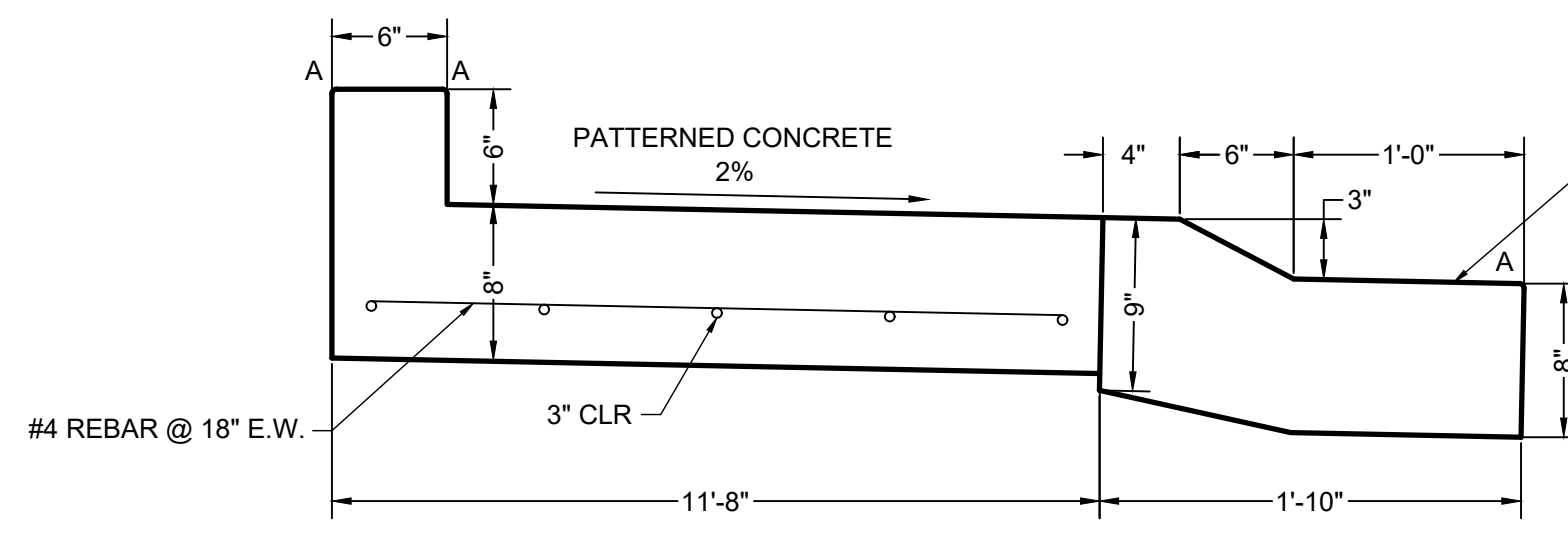
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NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

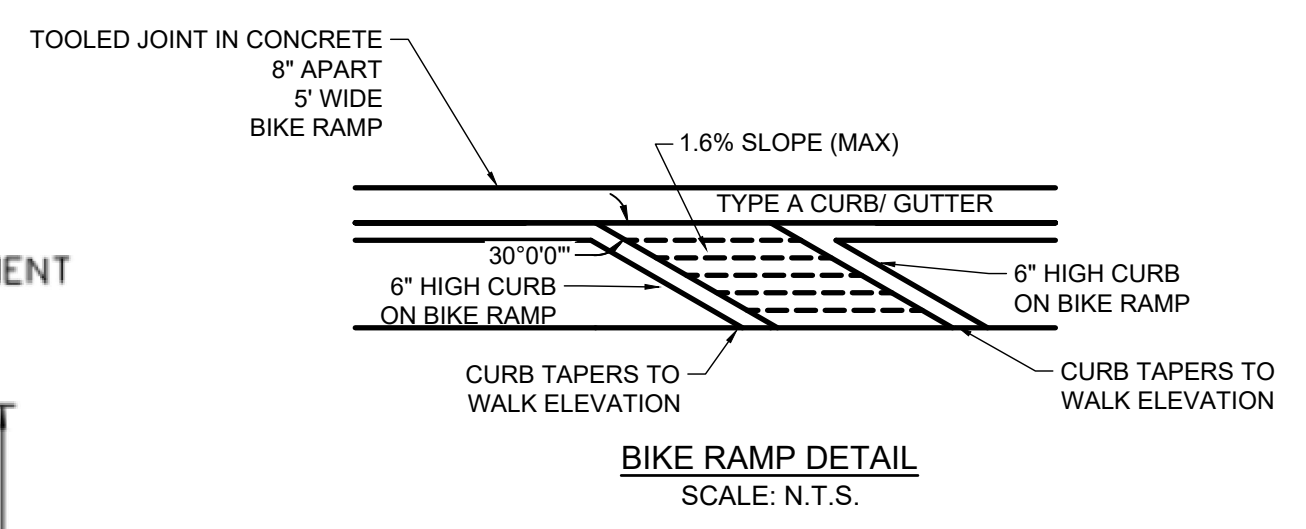
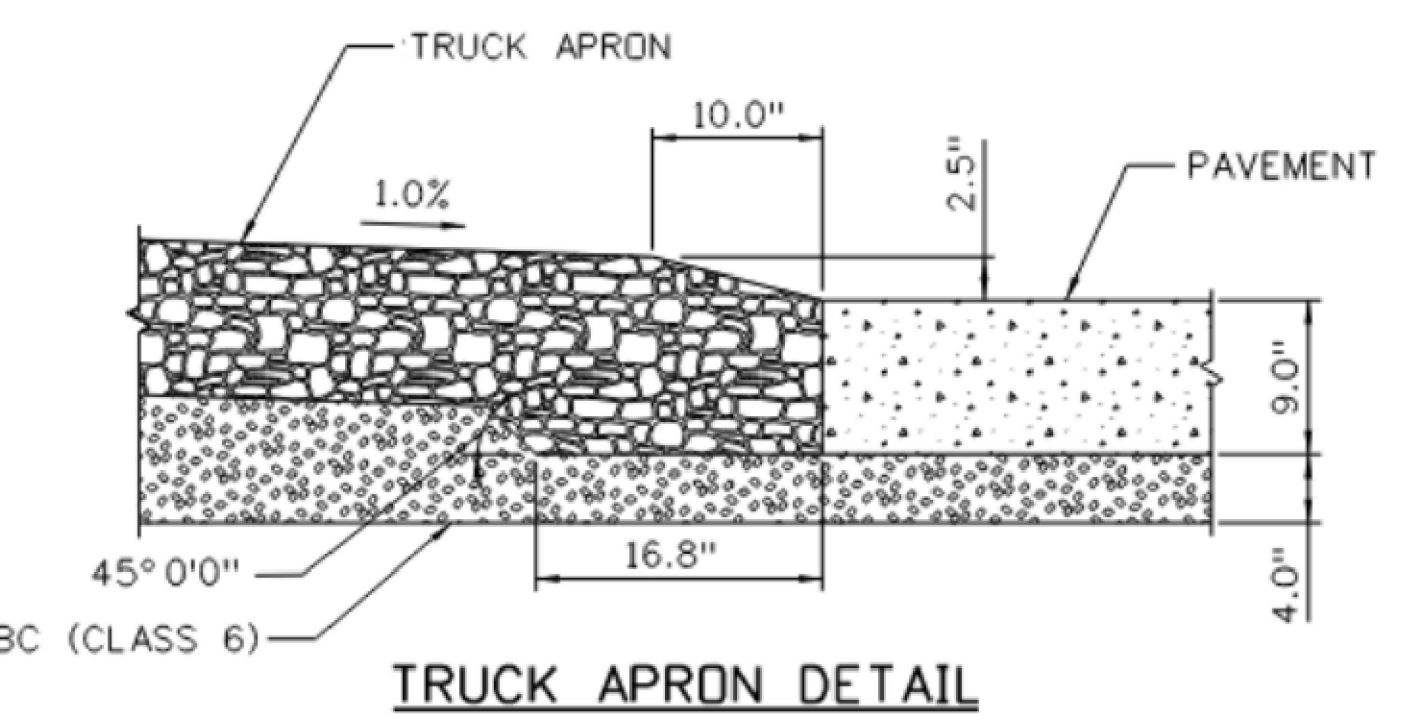
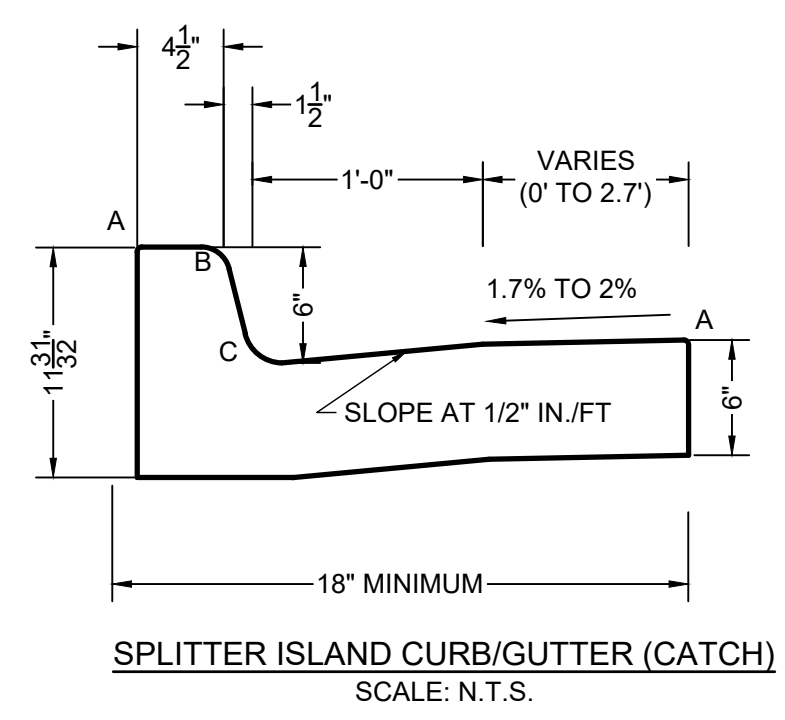
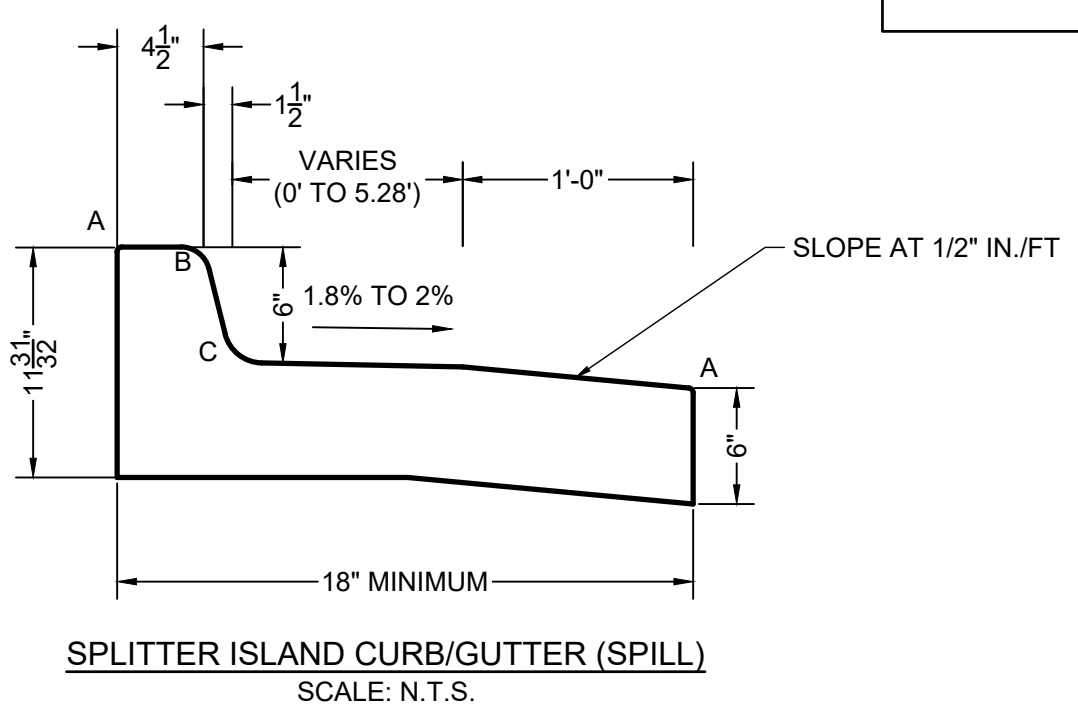
EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO
D.R. HORTON
America's Builder

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 DETAILS

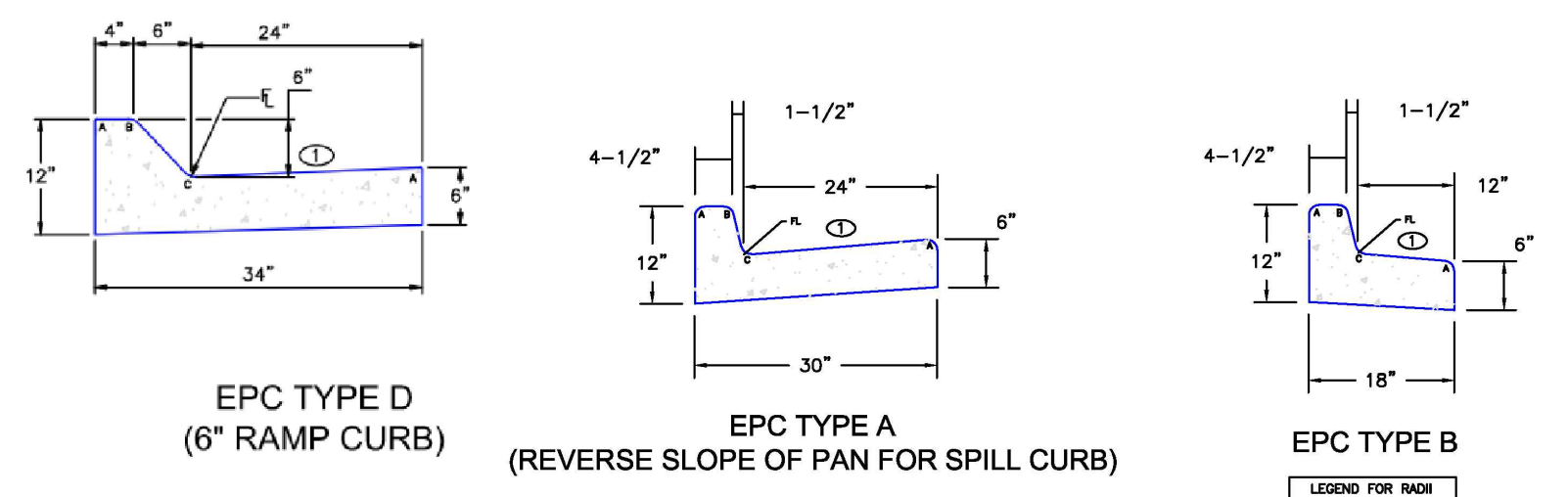
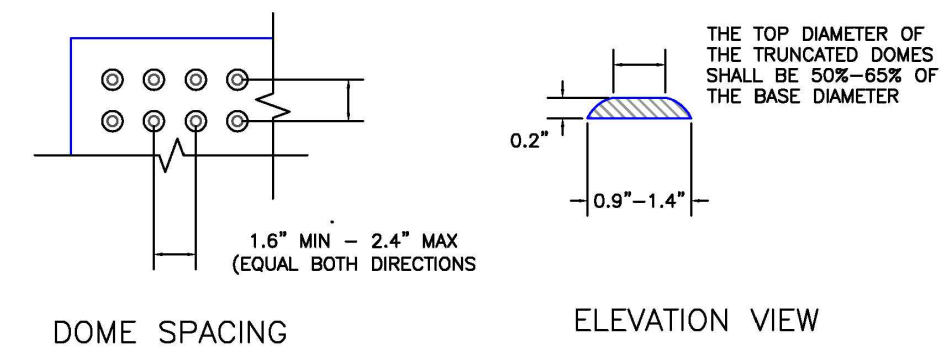


LENGTH FOR RADII

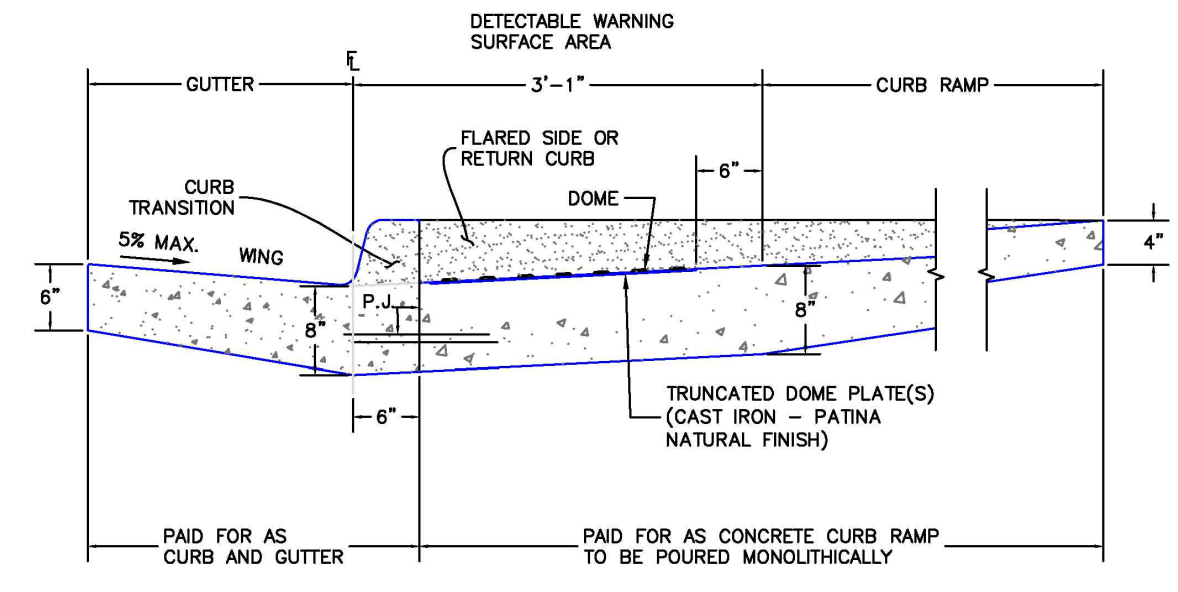
A	1/8" TO 1/4"
B	1-1/2"
C	1-1/2" TO 2"



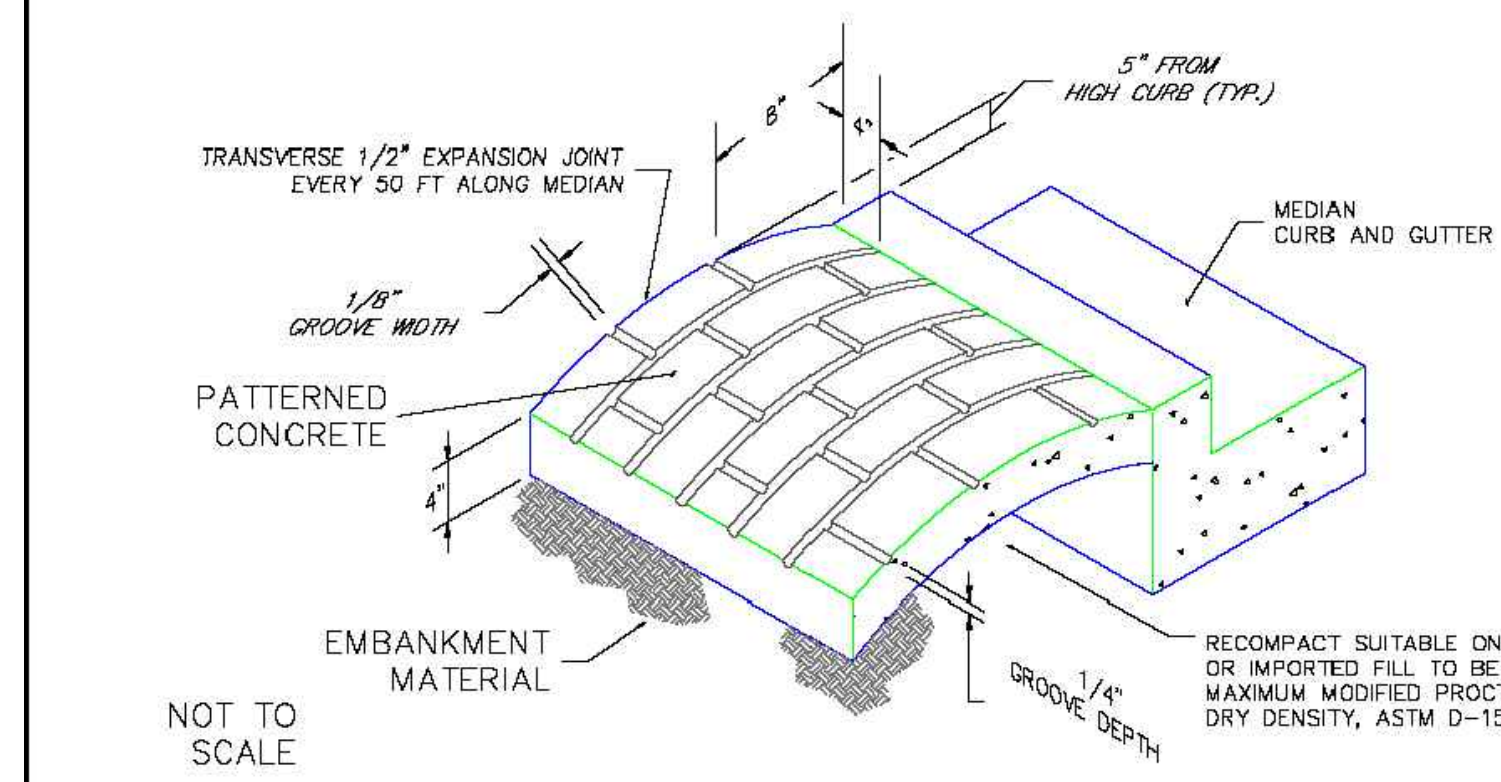
TRUNCATED DOME DETAILS



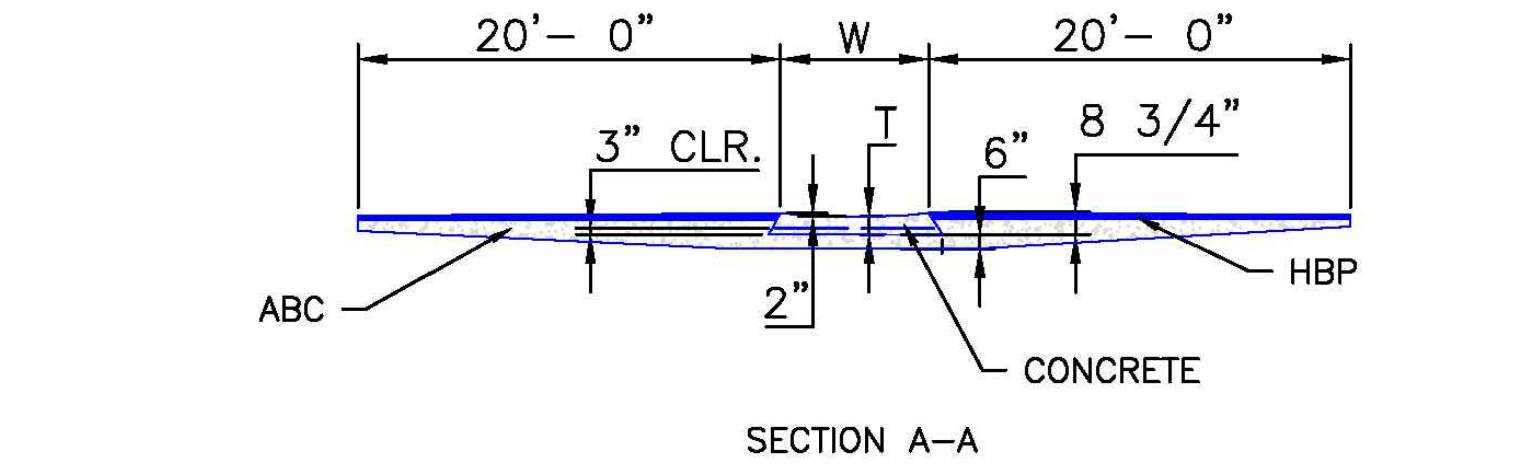
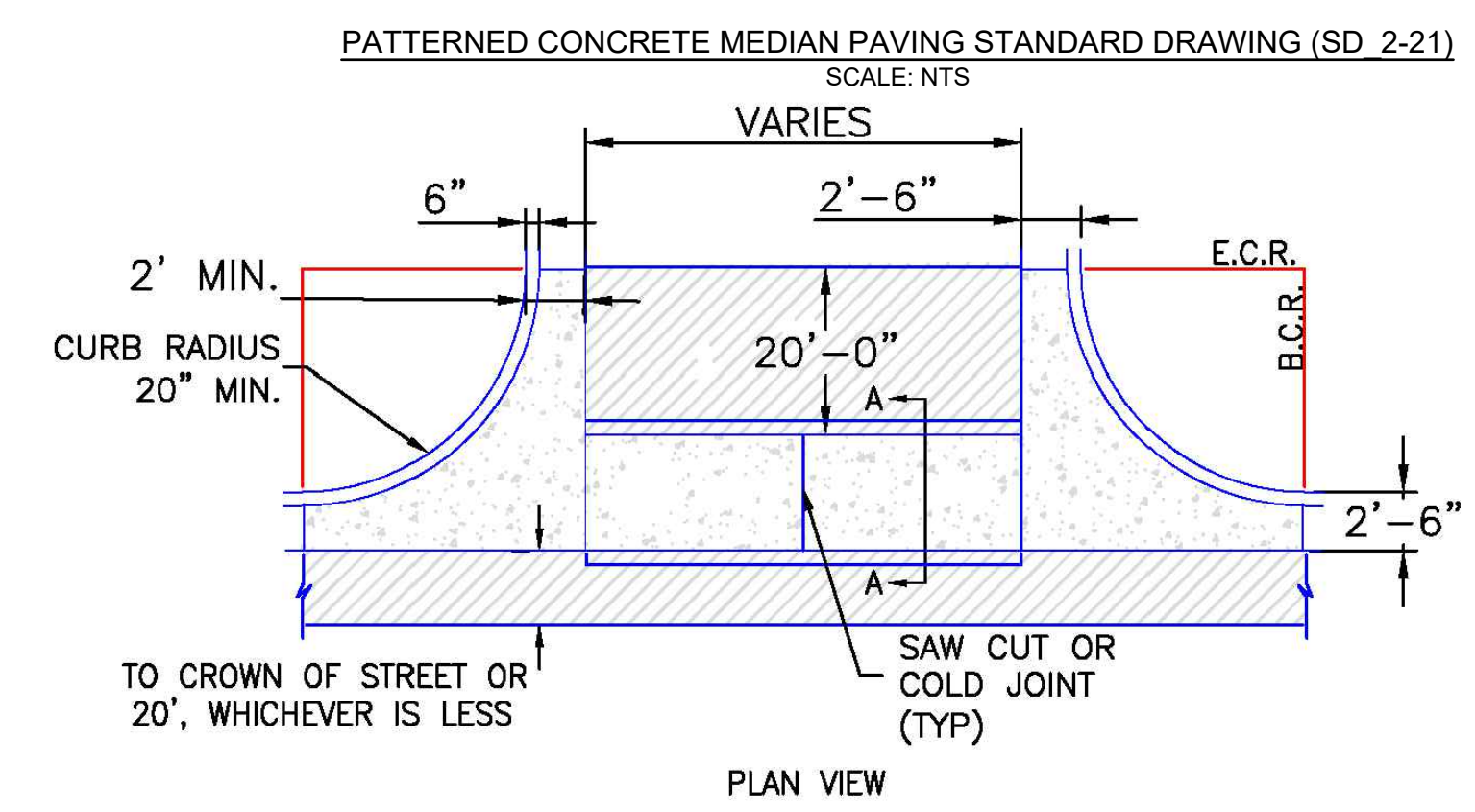
① - GUTTER CROSS SLOPES SHALL BE 1/2 IN./FT. WHEN DRAINING AWAY FROM CURB AND 1 IN./FT. WHEN DRAINING TOWARD CURB (WITH EXCEPTION TO IMMEDIATELY ADJACENT TO CURB RAMPS - SEE CURB RAMP STANDARDS FOR SLOPE REQUIREMENTS).



DETECTABLE WARNING SURFACE DETAILS (SD 2-42) (SCALE: N.T.S.)

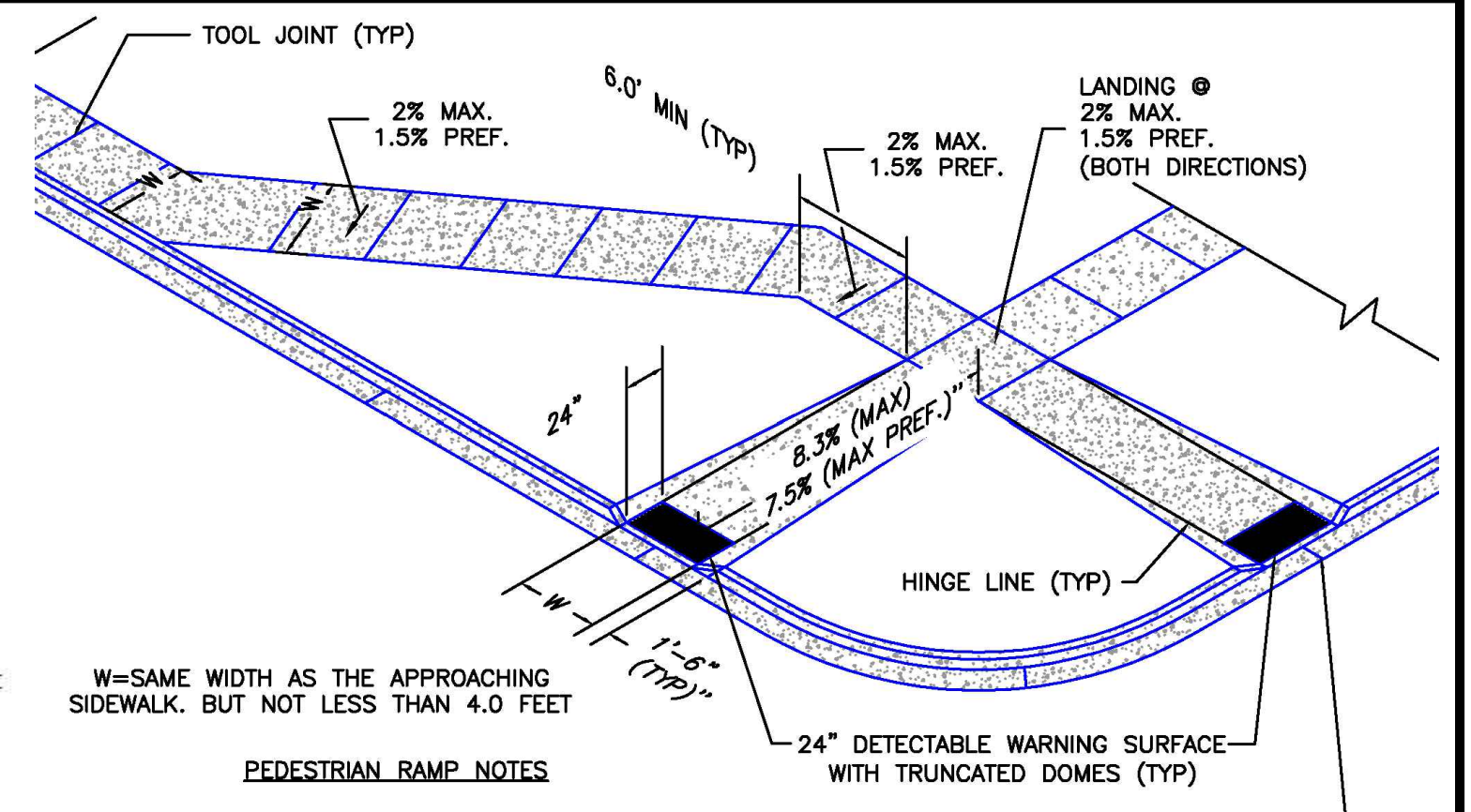


- NOTES:
- THE MEDIAN PAVING SHALL BE CONSTRUCTED WITH 4 INCH THICK, INTEGRALLY COLORED CONCRETE, EMBOSSED WITH A RUNNING BOND 4" X 8" BRICK PATTERN AS SHOWN
 - INSTALL 1/2" X 4" EXPANSION MATERIAL AT MEDIAN NOSES, FIXED OBJECTS, AND AT TRANSVERSE JOINTS AT 50 FT INTERVALS (MAXIMUM) ALONG WITH MEDIAN
 - THE COLOR ADDITIVE SHALL BE APPROVED COMMERCIAL PURE OR SYNTHETIC MINERAL PIGMENT, FACTORY FORMULATED AND PACKAGED IN CUBIC YARD DOSAGE INCREMENTS. THE MIXTURE SHALL BE "CHROMIX" AS MANUFACTURED BY L.M SCOFIELD COMPANY PIGMENT NO. 678, 5LBS/SACK, OR AN APPROVED EQUAL
 - PATTERNED CONCRETE TO BE COLOR SANGRIA 1117 (DAVIS), DAVIS COLOR COMPANY, OR APPROVED EQUAL
 - THE MATCHING CURING COMPOUND SHALL BE A BLEND OF WAXES AND PIGMENTS IN A SOLVENT EMULSION BASE AND CONFORM TO THE REQUIREMENTS OF ASTM C-309. THE CURING COMPOUND SHALL BE "LITHOCHROME COLORWAX" AS MANUFACTURED BY L.M SCOFIELD COMPANY, DAVIS COLOR - SEAL AS MANUFACTURED BY DAVIS COLOR COMPANY, OR APPROVED EQUAL.
 - THE CONCRETE MIX SHALL CONFORM TO THE REQUIREMENTS OF THE COLOR ADMIXTURE MANUFACTURER AND SHALL MEET CDOT CLASS B CONCRETE REQUIREMENTS, UNLESS OTHERWISE APPROVED
 - FOR WEED CONTROL PRIOR TO MEDIAN PAVING, APPLA A PRE-EMERGENT HERBICIDE TO MEDIAN SUBGRADE AREA PER MANUFACTURERS SPECIFICATIONS FOR PAVING UNDER BARRIER 50 LABEL (PBI GORDON) TRIFLURALIN IS LABELED FOR USED UNDER ASPHALT UNDER TREFLAN E4C LABEL (ELANCO)

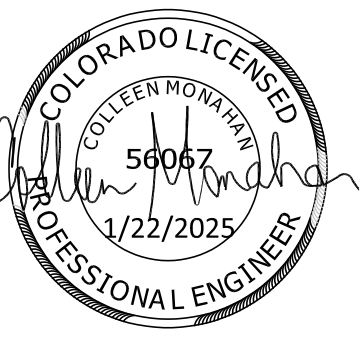
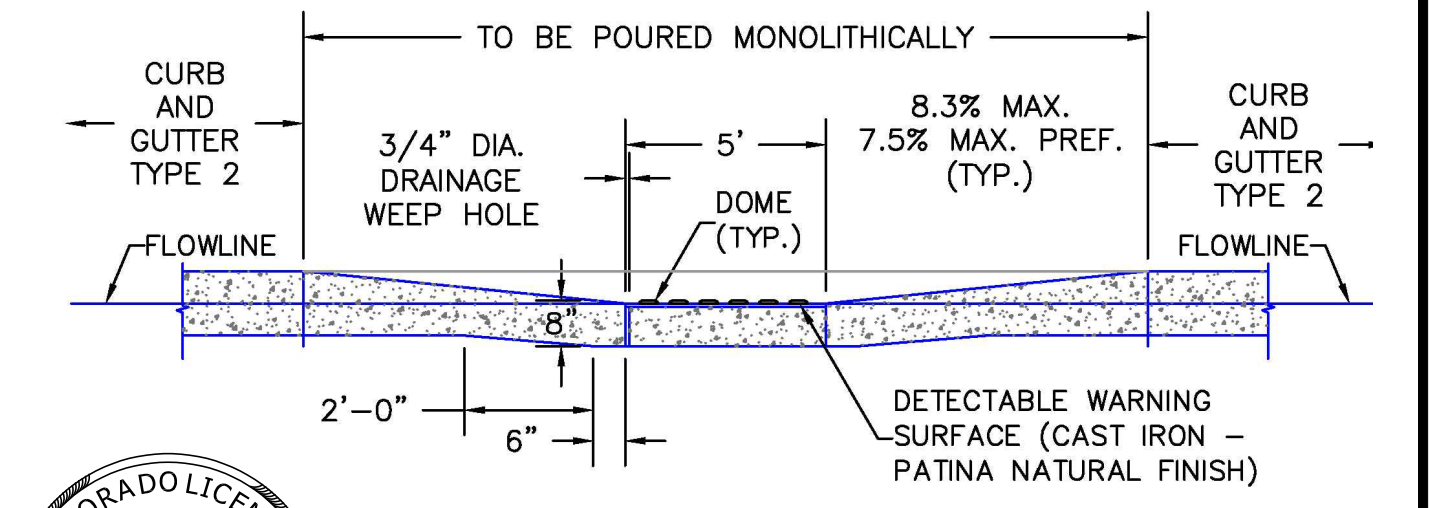
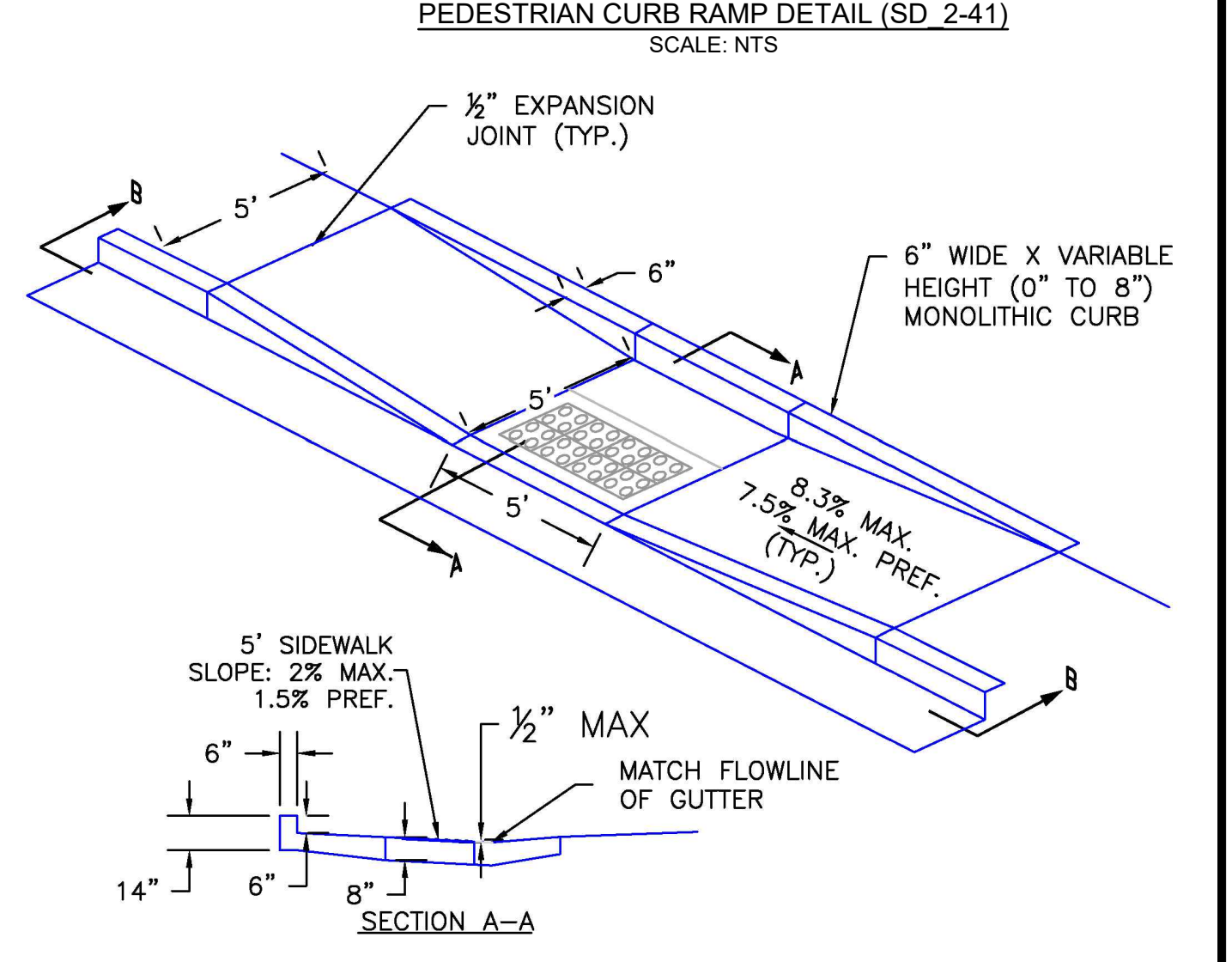


- NOTES:
- W - WIDTH SHALL BE 6' FOR LOCAL, 8' FOR COLLECTORS, AND 10' FOR ARTERIAL ROADS.
 - T - SQUARED-OFF RETURN TO BE POURED MONOLITHICALLY, 8" PCC FOR LOCAL ROADS, 9" FOR COLLECTORS WITH 6x6 - 4.4 W.W.F. OR #4 REINFORCING BAR @ 18" EACH WAY.
 - 3" = 3" MINIMUM ASPHALT DEPTH (2 LIFTS).
 - DESIGN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

TYPICAL CROSS PAN LAYOUT DETAIL (SD 2-26) (SCALE: N.T.S.)



- PEDESTRIAN RAMP NOTES:
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT ENGINEERING CRITERIA MANUAL AND ADA REQUIREMENTS.
 - CONTRACTOR TO NOTIFY ENGINEERING DIVISION INSPECTION STAFF 48 HOURS PRIOR TO CONCRETE PLACEMENT.
 - PEDESTRIAN CURB RAMP CONSTRUCTION SHALL BE A MINIMUM 4,500 PSI CONCRETE, MINIMUM 4" THICK, NON-COLORED, NON-SCORED, COMB BROOM FINISH.
 - PEDESTRIAN CURB RAMP LOCATION AND LENGTH MAY REQUIRE MODIFICATION TO MAINTAIN THE 8.3% MAXIMUM RUNNING RAMP SLOPE DUE TO STREET INTERSECTION GRADES AND/OR ALIGNMENTS. SEE EGM SECTION 6.3.8 FOR PEDESTRIAN PUSHBUTTON LOCATION REQUIREMENTS.
 - DETECTABLE WARNING SURFACE SHALL START A MINIMUM OF 6" BUT NOT MORE THAN 8" FROM THE FLOWLINE OF THE CURB AT ANY POINT.
 - DETECTABLE WARNING SURFACE SHALL BE PREFABRICATED, CAST IRON (PATINA NATURAL FINISH) AND IN ACCORDANCE WITH EGM CHAPTER 6 AND SD 2-42. THERMOPLASTIC TRUNCATED DOMES AND PAVERS WILL NOT BE ACCEPTED.
 - THE DETECTABLE WARNING SURFACE SHALL BE 24" IN LENGTH AND THE FULL WIDTH OF THE RAMP.
 - PEDESTRIAN CURB RAMP WIDTH REQUIRED IS SAME AS APPROACHING SIDEWALK; 4' MINIMUM.
 - ALL PEDESTRIAN CURB RAMPS WILL BE PERPENDICULAR TO TRAFFIC WITH THE EXCEPTION OF MID-BLOCK OR TERMINAL RAMPS WHICH MAY BE PARALLEL. SUBJECT TO APPROVAL.
 - DRAINAGE STRUCTURES, TRAFFIC SIGNAL/SIGNAGE, UTILITIES/JUNCTION BOXES, OR OTHER OBSTRUCTIONS WITHIN PROPOSED PEDESTRIAN CURB RAMP AREAS AND LANINGS ARE PROHIBITED.
 - THE COUNTER SLOPE OF THE GUTTER OR ROAD AT THE FOOT OF A RAMP SHALL NOT EXCEED 5%.
- GENERAL NOTES:
- WHERE THE 1'-6" FLARED SIDE(S) OF A PERPENDICULAR CURB RAMP IS (ARE) CONTIGUOUS WITH A PEDESTRIAN OR HARD SURFACE AREA (PEDESTRIAN CIRCULATION PATH), THE MAXIMUM FLARE SLOPE SHALL NOT EXCEED 10:1.
 - PEDESTRIAN WALKWAY (PEDESTRIAN ACCESS ROUTE) AND/OR LOCATION OF EXISTING OR FUTURE PEDESTRIAN RAMPS ON OPPOSITE CORNERS SHALL BE REVIEWED BEFORE CONSTRUCTING NEW RAMPS.
 - AT MARKED PEDESTRIAN CROSSINGS, THE BOTTOM OF THE RAMPS, EXCLUSIVE OF THE FLARE SIDES, SHALL BE TOTALLY CONTAINED WITHIN THE MARKINGS.



PARALLEL PEDESTRIAN CURB RAMP DETAIL (SD 2-50) (SCALE: N.T.S.)

EDARP FILING NO. CDR2321

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NO.	DATE	BY	REVISION DESCRIPTION

HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

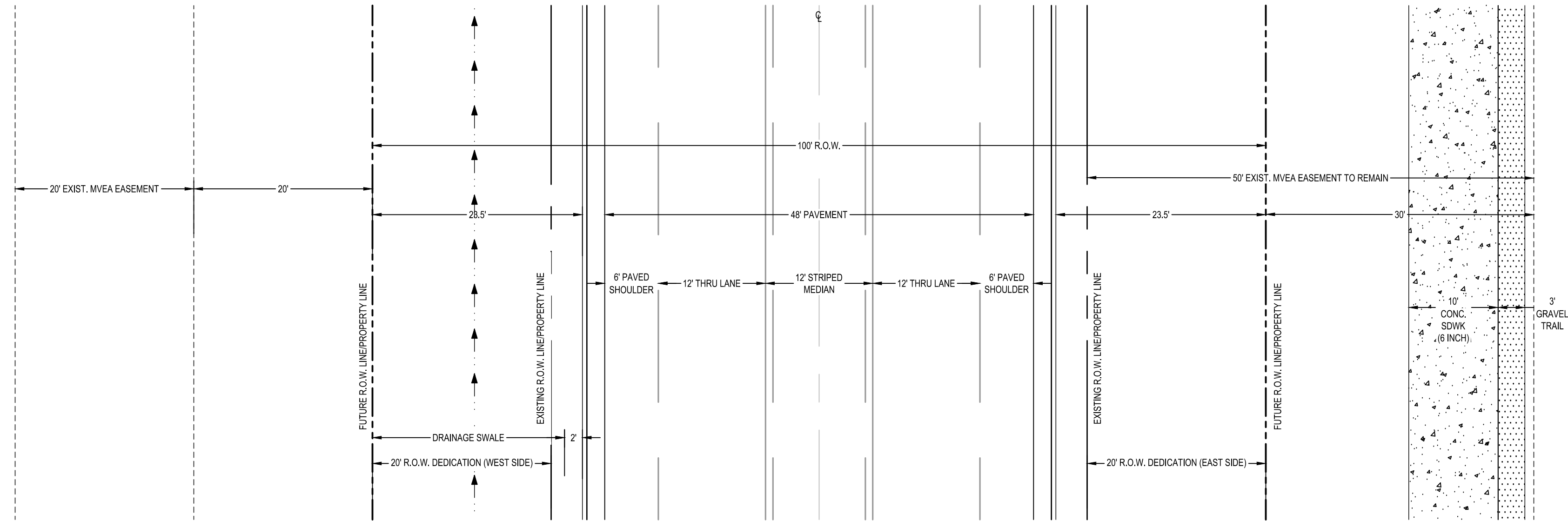
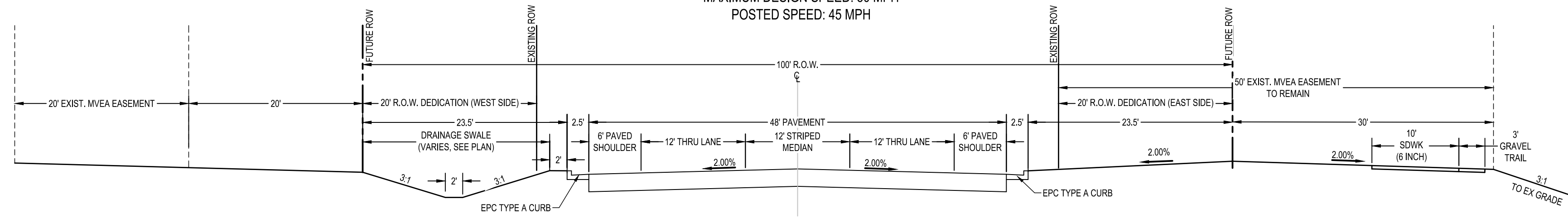
EASTONVILLE ROAD IMPROVEMENTS
 DR. HORTON
 EL PASO COUNTY, COLORADO



FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 LEGEND

SHEET
 GN.1
 45

EASTONVILLE RD ULTIMATE CROSS-SECTION B
(MODIFIED MINOR URBAN ARTERIAL)
MAXIMUM DESIGN SPEED: 50 MPH
POSTED SPEED: 45 MPH



HR GREEN Xref: xref-1-dh01:rdw_typicals

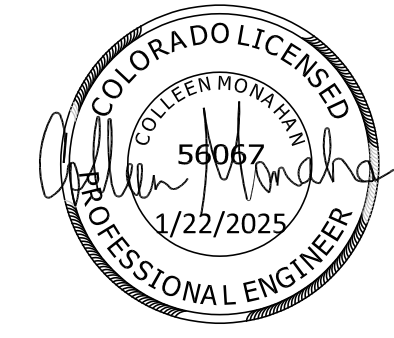
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EL PASO COUNTY, COLORADO

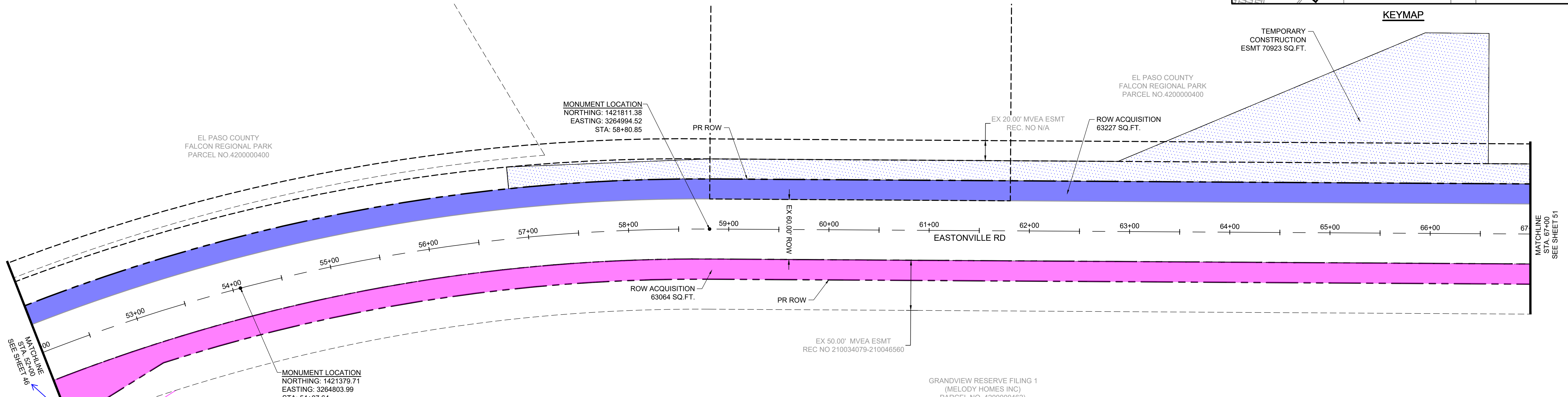
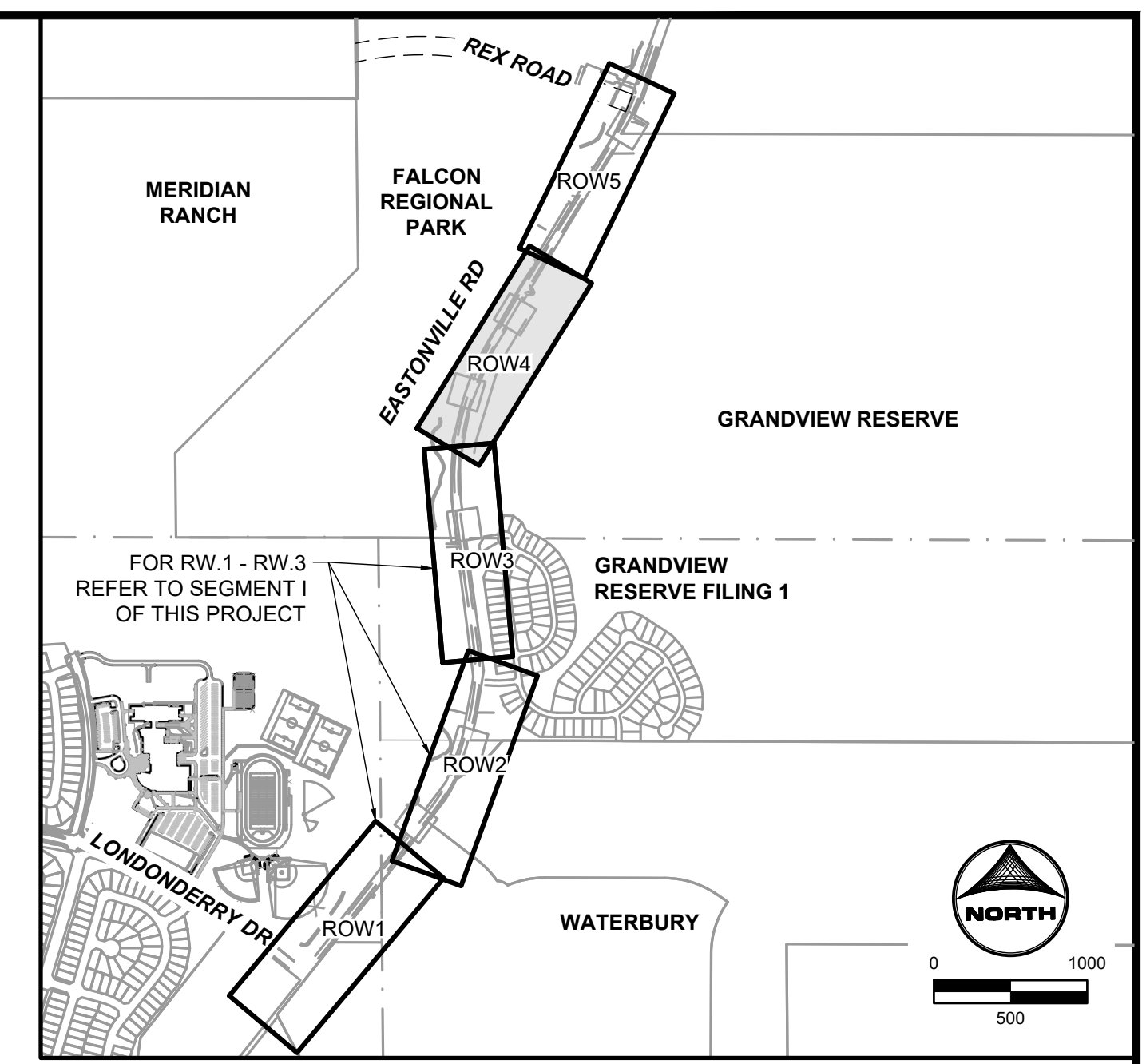
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TYPICAL ROAD SECTION



SHEET
GN.2 **46**

LEGEND

- ROW ACQUISITION - SCHOOL DISTRICT 49
- ROW ACQUISITION - ACMAF JV SUBII LLC
- ROW ACQUISITION - LEE W. TRACY
- ROW ACQUISITION - PLAINVIEW PROPERTIES LLC
- ROW ACQUISITION - MERIDIAN RANCH INVESTMENTS
- ROW ACQUISITION - EL PASO COUNTY
- ROW ACQUISITION - MELODY HOMES INC
- ROW ACQUISITION - CROSS FELLOWSHIP CHURCH
- ROW ACQUISITION - JMK HOLDINGS LLC
- PROPOSED TEMPORARY EASEMENT (COLOR MATCHES ROW ACQUISITION OWNER)
- PROPOSED PERMANENT EASEMENT (COLOR MATCHES ROW ACQUISITION OWNER)
- PROPOSED MVEA EASEMENT



sheet missing or separate plan set?

COLORADO LICENSED
COLLEEN MONTEITH
56067
1/22/2025
PROFESSIONAL ENGINEER

811
Know what's below.
Call before you dig.

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1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS CO 80920
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DR. HORTON
EL PASO COUNTY, COLORADO

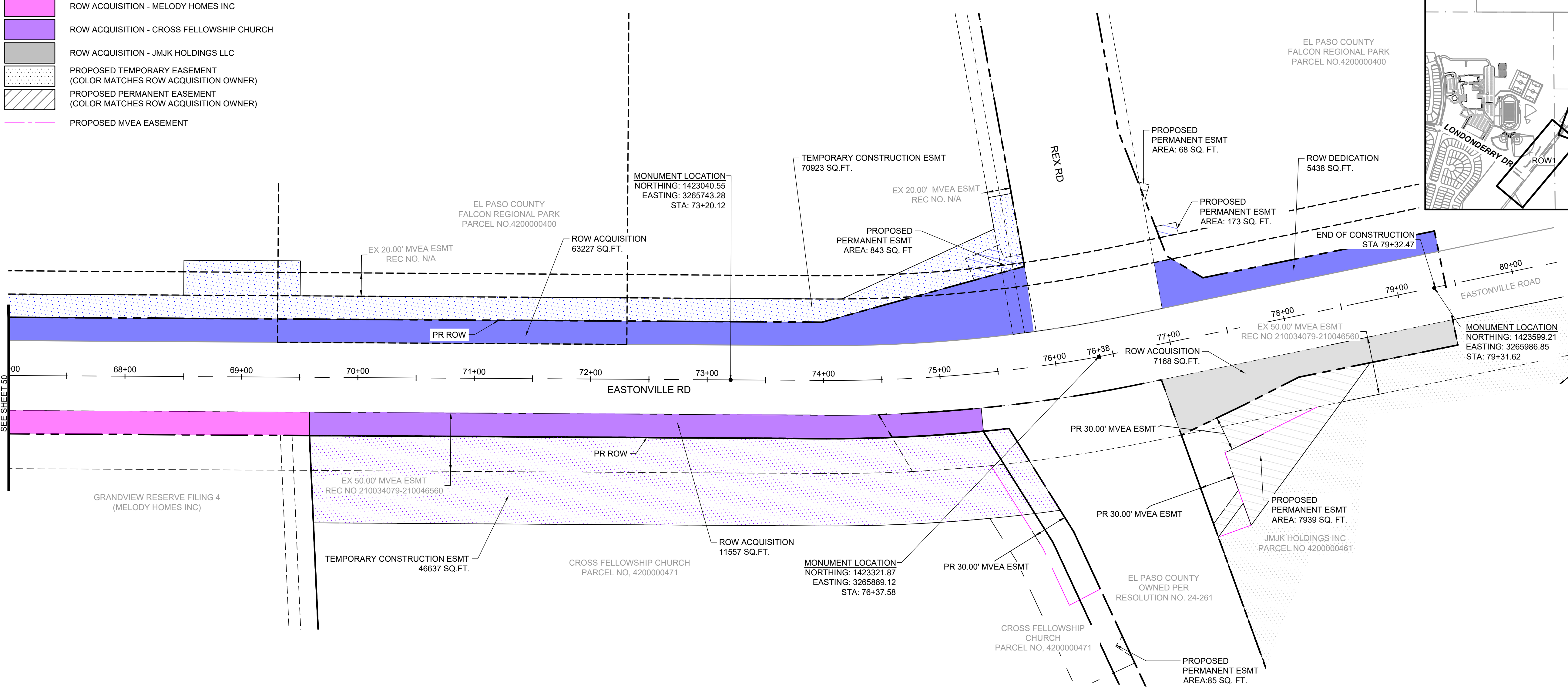
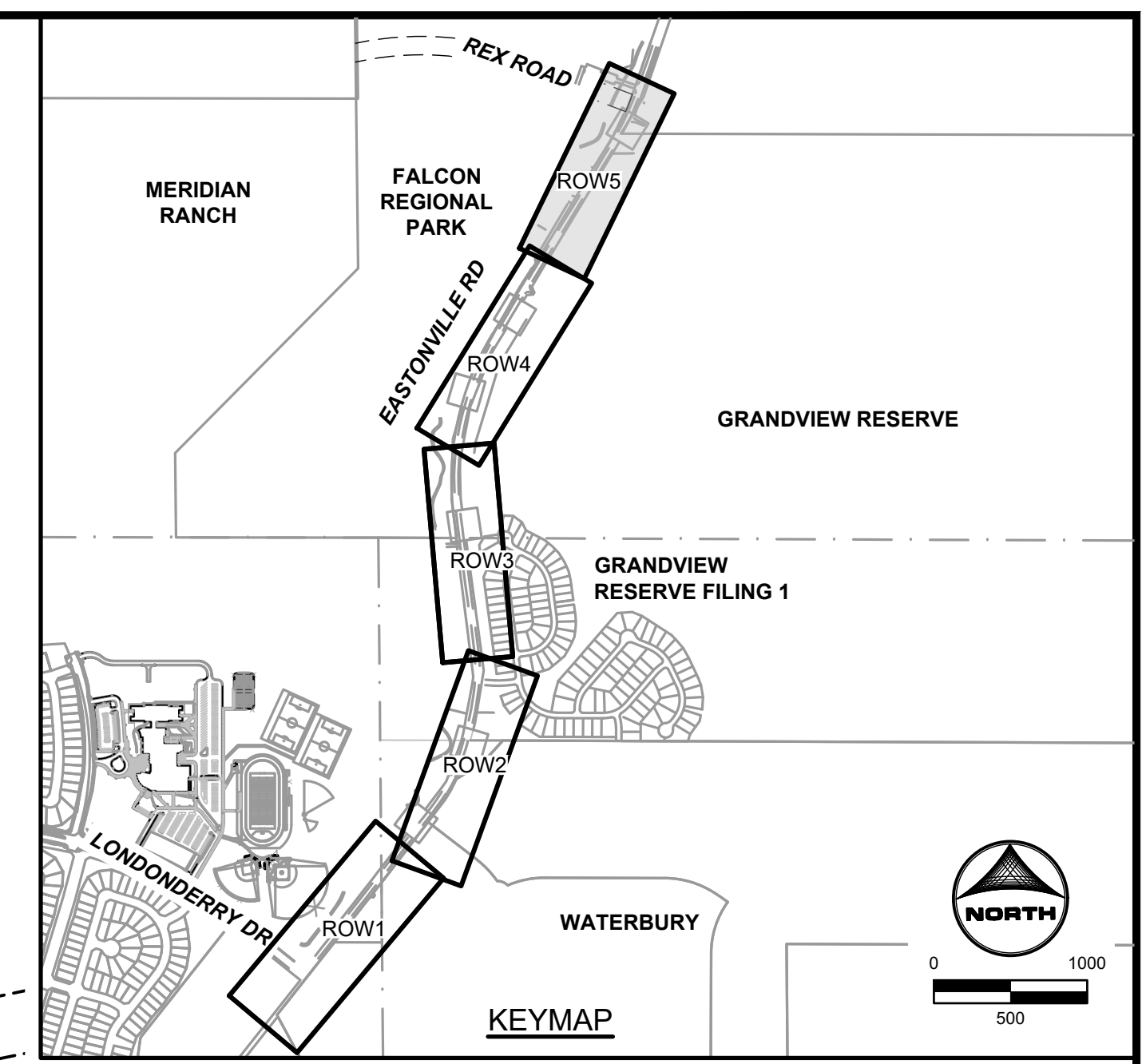
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RIGHT-OF-WAY EXHIBIT

SHEET	47
ROW.4	

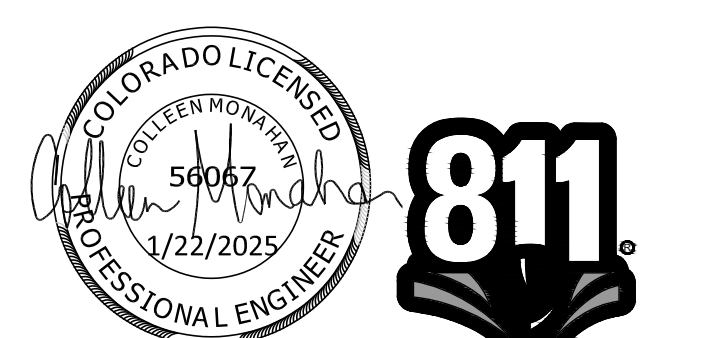
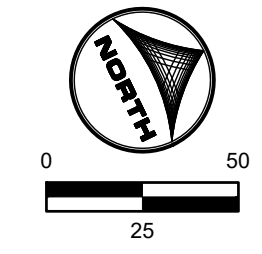
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LEGEND

- ROW ACQUISITION - SCHOOL DISTRICT 49
- ROW ACQUISITION - ACMF JV SUBII LLC
- ROW ACQUISITION - LEE W. TRACY
- ROW ACQUISITION - PLAINVIEW PROPERTIES LLC
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- PROPOSED PERMANENT EASEMENT (COLOR MATCHES ROW ACQUISITION OWNER)
- PROPOSED MVEA EASEMENT



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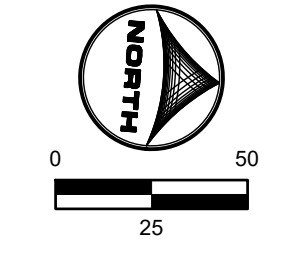
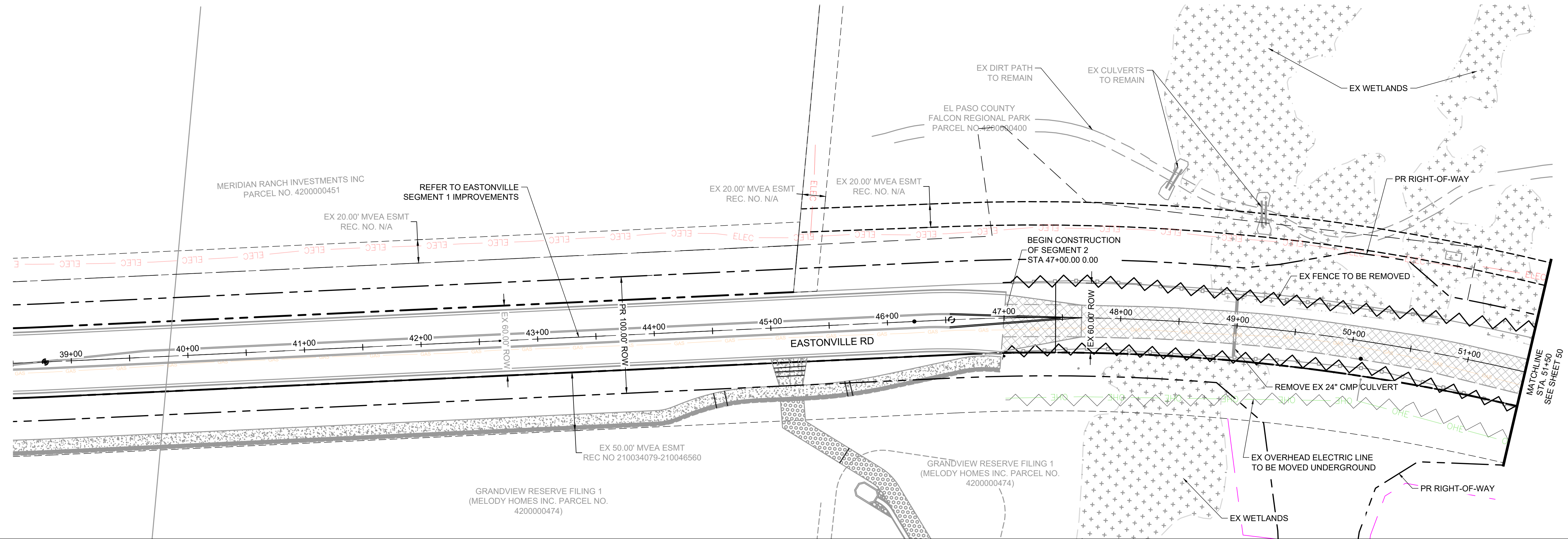
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 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
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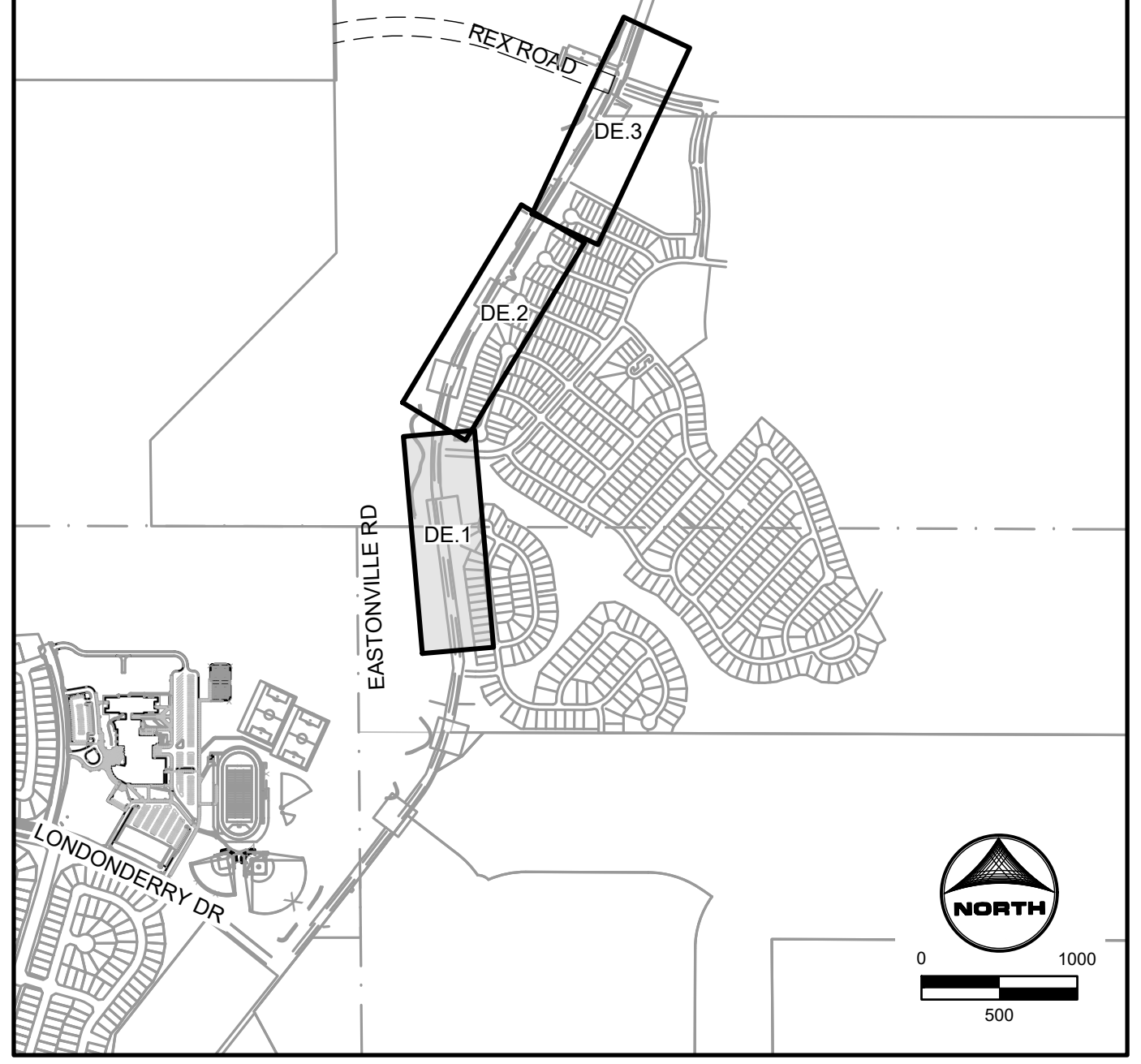
EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

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 RIGHT-OF-WAY EXHIBIT

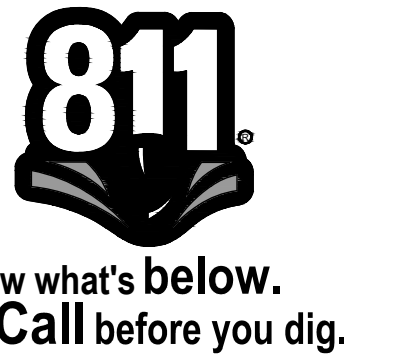


LEGEND:

	GRAVEL TO BE REMOVED
	FENCE LINE TO BE REMOVED
	ELECTRIC LINE TO BE UNDERGROUNDED
	PROPOSED ROW



KEYMAP



EDARP FILING NO. CDR2321

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NO.	DATE	BY	REVISION DESCRIPTION

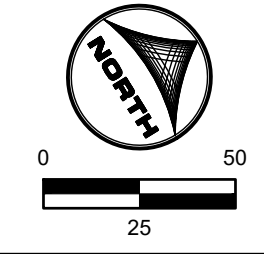
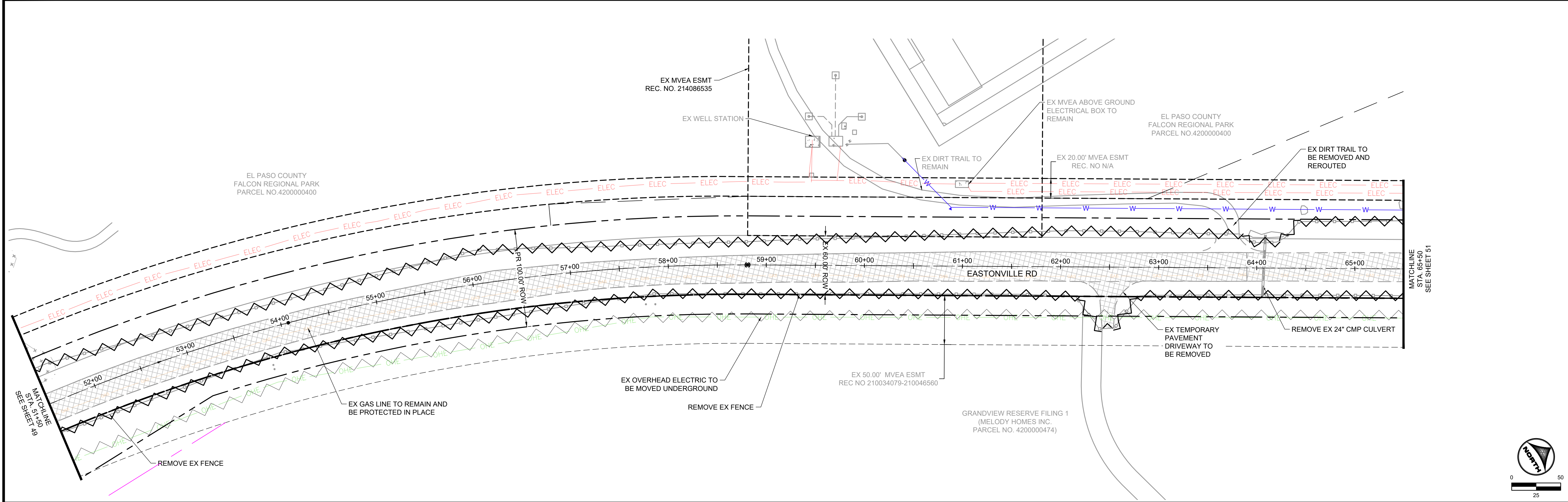
HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 719.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 DEMOLITION PLAN

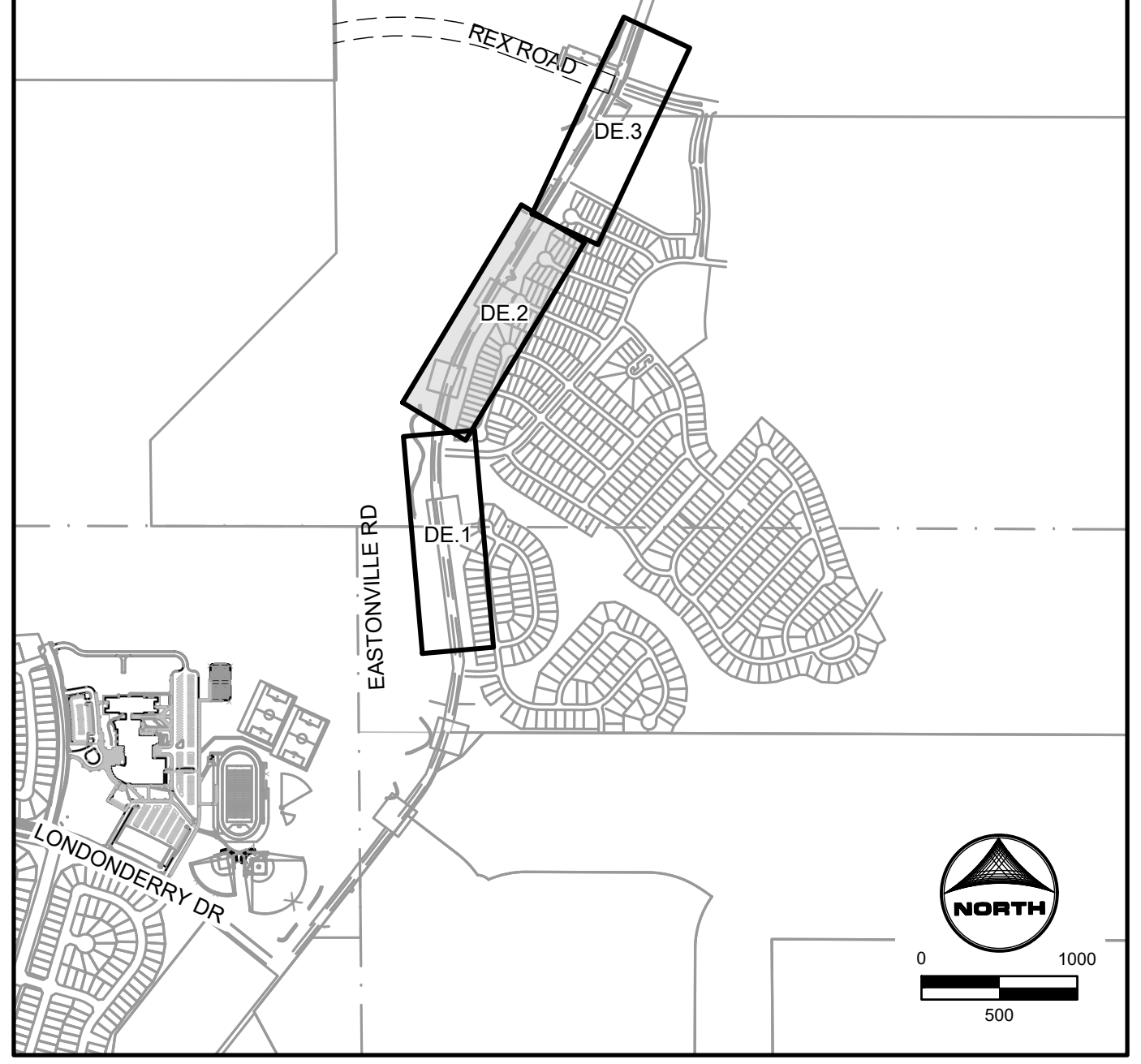
HR GREEN - 01-xc-row; HRG1.20X; EBase; xv-row-662.08; Eastonville; xv-dsgn-089; xg1-1-d01; 01-xc-pr; 100YR; FP; DELINEATION; A; vgl-1-d01; CD; Road; PNP; xv-111; 662; Key; Map; xcdsgn-662.08; Eastonville; Seg; 1; xc-row; 662.08; Eastonville

HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 230 COLORADO SPRINGS CO 80920 PHONE: 719.300.4140 FAX: 713.965.0044



LEGEND:

- GRAVEL TO BE REMOVED
- FENCE LINE TO BE REMOVED
- ELECTRIC LINE TO BE UNDERGROUNDED
- PROPOSED ROW



KEYMAP



EDARP FILING NO. CDR2321

DRAWN BY: ACH	JOB DATE: 8/22/2024	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: CPM	JOB NUMBER: 201662.08	0" = 1"
CAD DATE: 1/20/2025		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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NO.	DATE	BY	REVISION DESCRIPTION

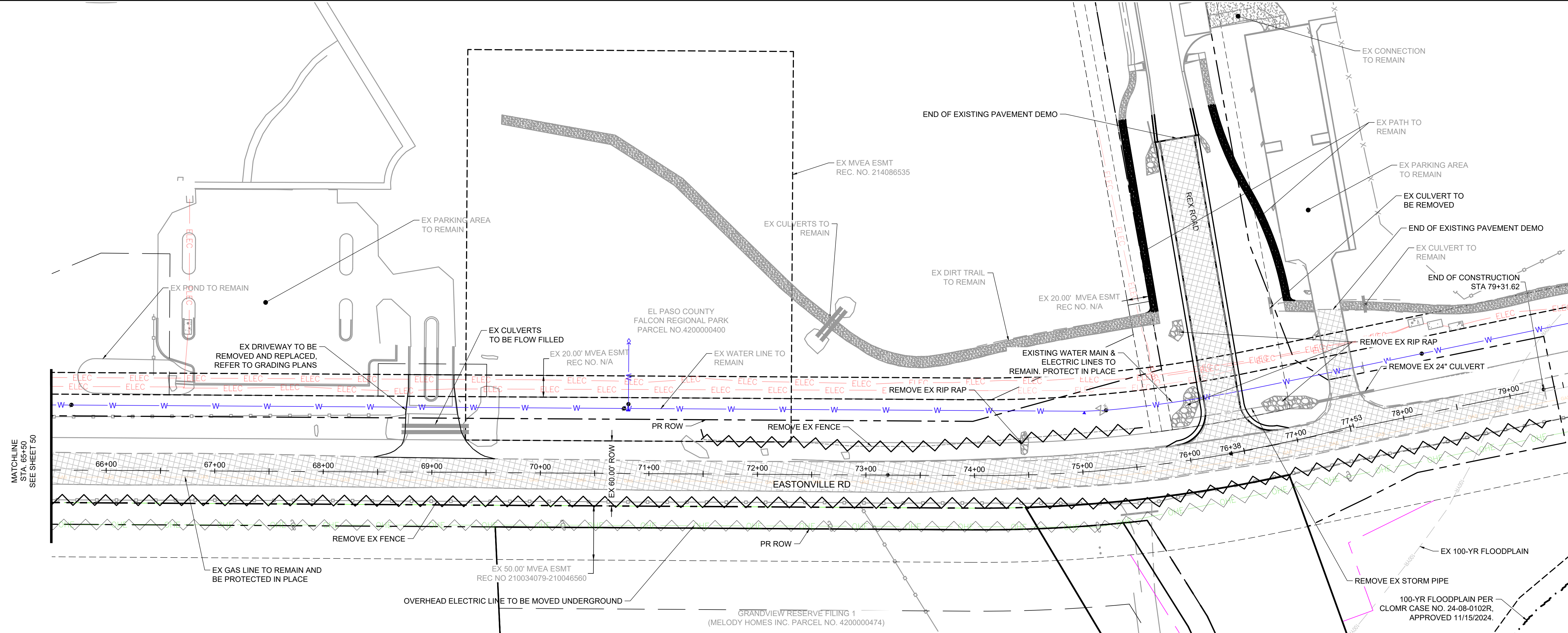
HRGreen
 HR GREEN - COLORADO SPRINGS
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 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 DEMOLITION PLAN II

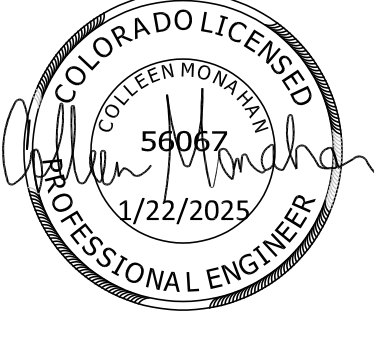
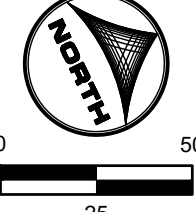
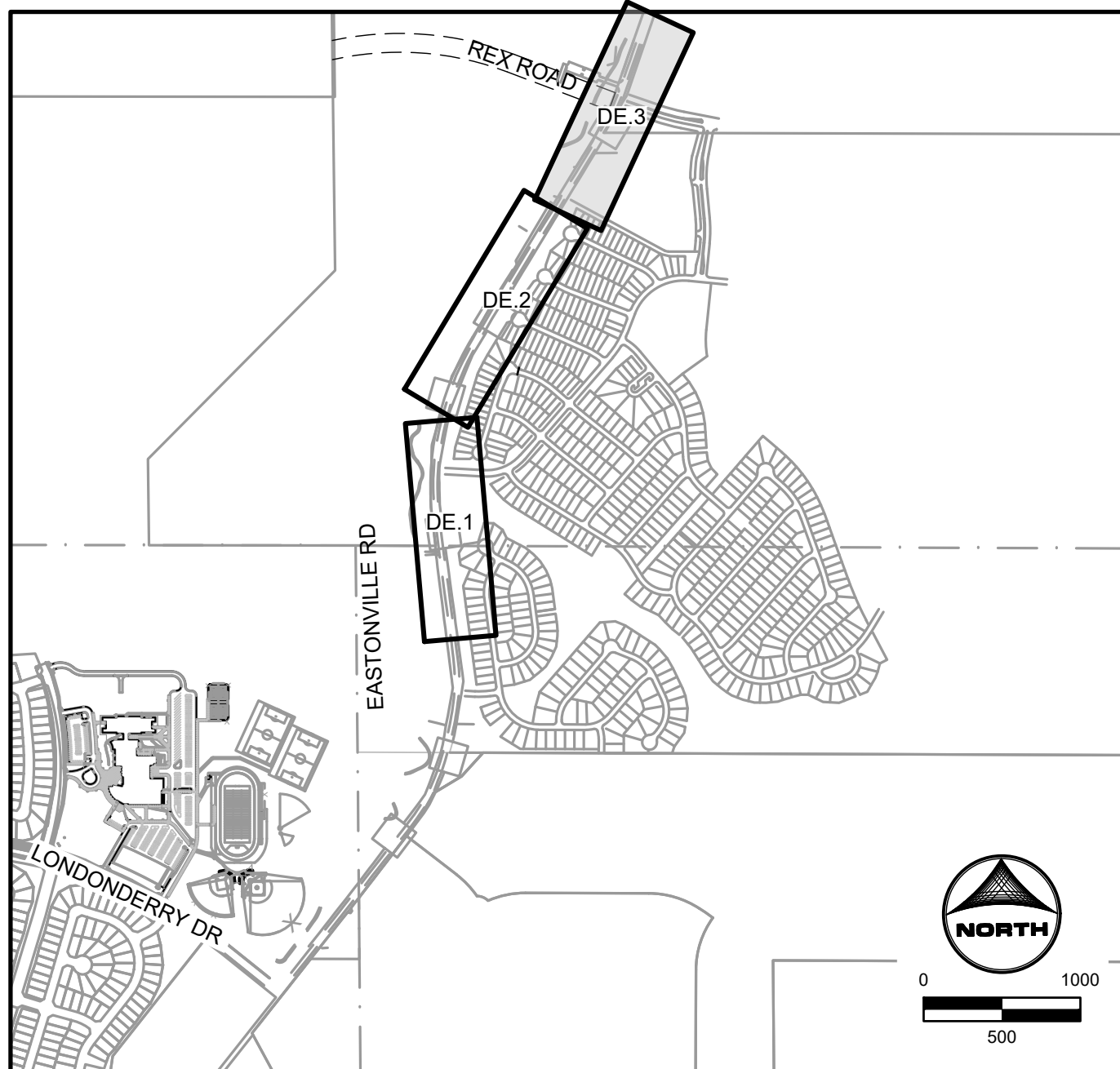
SHEET	50
DE.2	

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LEGEND:

- GRAVEL ROAD TO BE REMOVED
- FENCE LINE TO BE REMOVED
- ELECTRIC LINE TO BE UNDERGROUNDED
- PROPOSED ROW



EDARP FILING NO. CDR2321

DRAWN BY: ACH	JOB DATE: 8/22/2024	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: CPM	JOB NUMBER: 201662.08	0" = 1"
CAD DATE: 1/20/2025		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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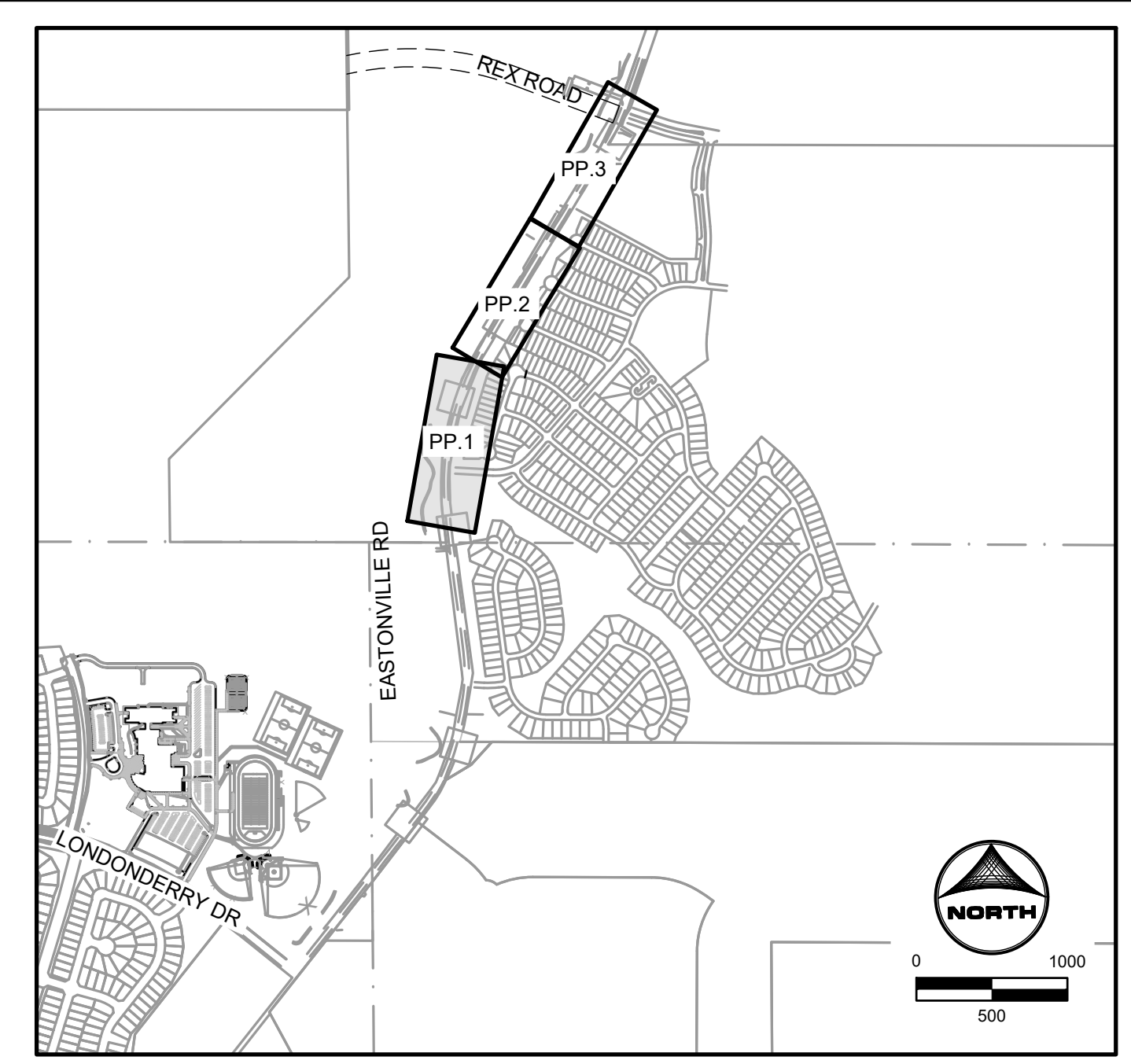
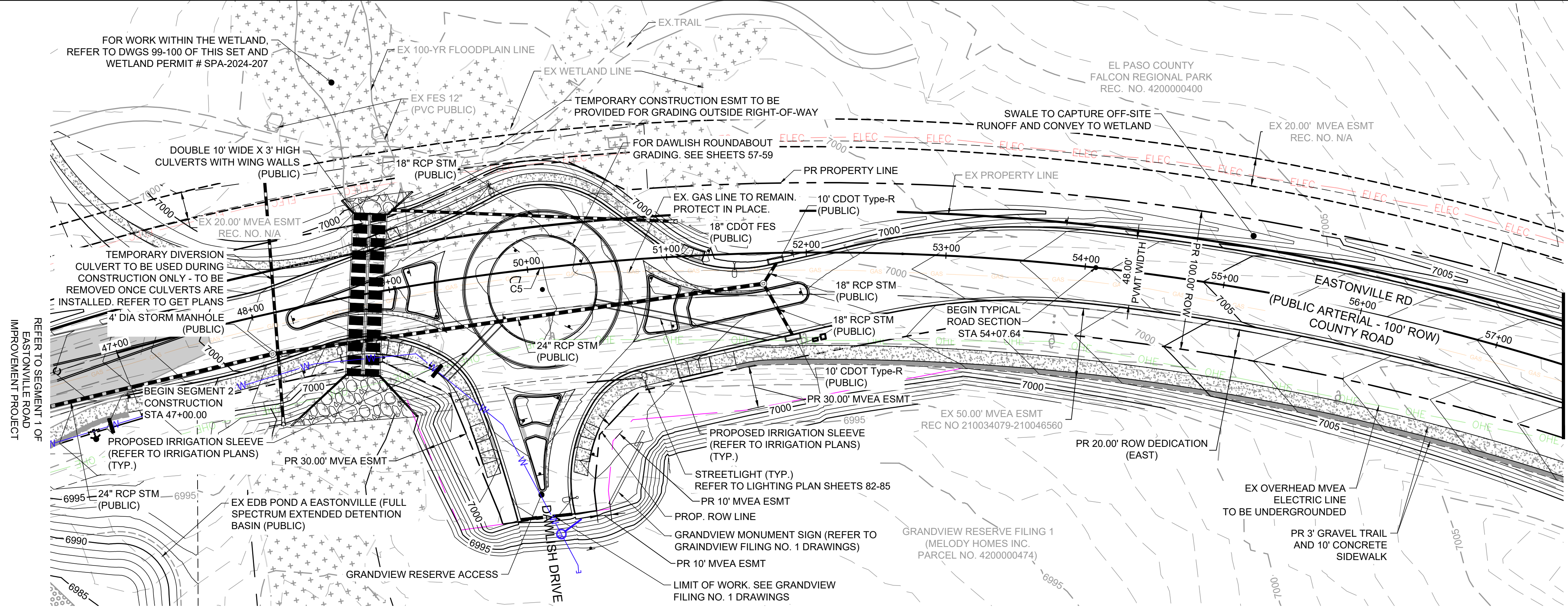
HRGreen
 HR GREEN - COLORADO SPRINGS
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EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 DEMOLITION PLAN III

SHEET
DE.3
 51

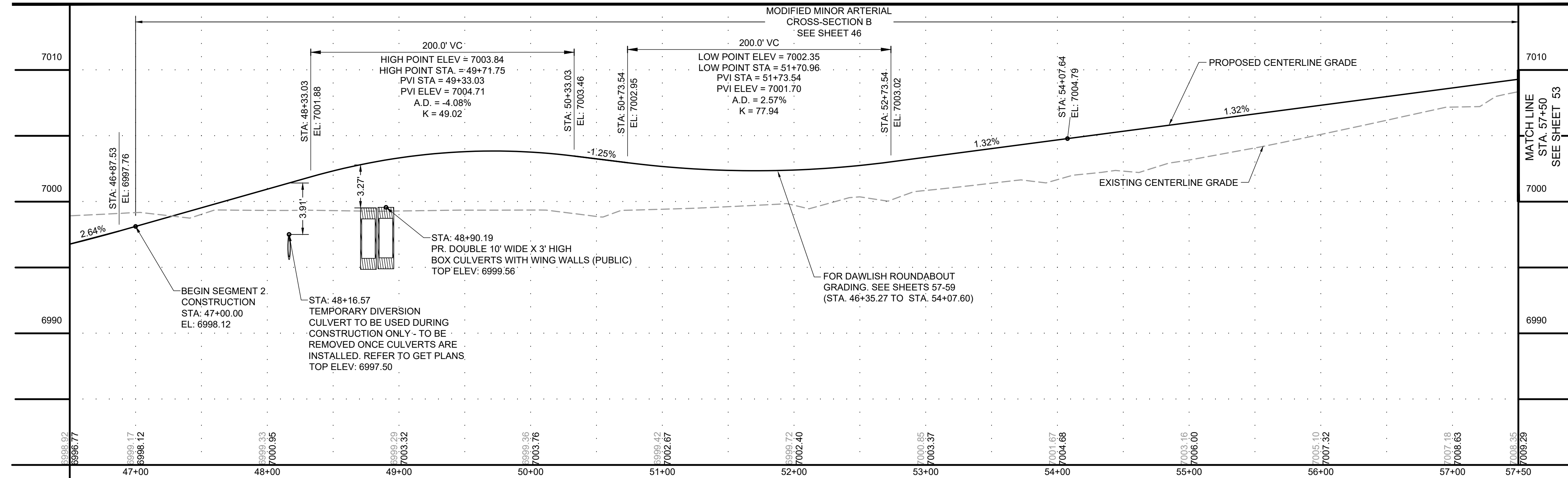
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Curve Table

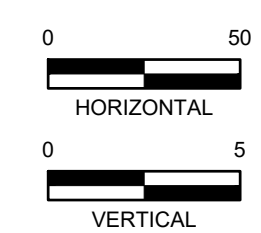
Curve #	Length	Radius	Delta
C5	1180.82	1800.00	37°35'12"

EASTONVILLE ROAD: 46+50 - 57+50



LEGEND

	EXISTING	PROPOSED
MATCH LINE	---	---
PHASE LINE	---	---
SECTION LINE	---	---
PROPERTY BOUNDARY	---	---
PROPERTY LINE	---	---
EASEMENT LINE	---	---
RIGHT OF WAY	---	---
CENTERLINE	---	---
CHAIN LINK FENCE	---	---
WOODEN FENCE	---	---
SPLIT RAIL FENCE	---	---
GUARDRAIL	---	---
U.G. ELECTRIC	---	---
OVERHEAD ELECTRIC	---	---
FIBER OPTIC	---	---
GAS MAIN	---	---
SANITARY SEWER	---	---
STORM DRAIN	---	---
TELEPHONE	---	---
WATER MAIN	---	---
SWALE	---	---
TRAIL	---	---
CURB & GUTTER	---	---
INDEX CONTOUR	---	---
INTER. CONTOUR	---	---
100-YR FLOODPLAIN	---	---
FLOODWAY	---	---
EDGE OF WETLANDS	---	---



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 CAD DATE: 1/20/2025
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NO.	DATE	BY	REVISION DESCRIPTION

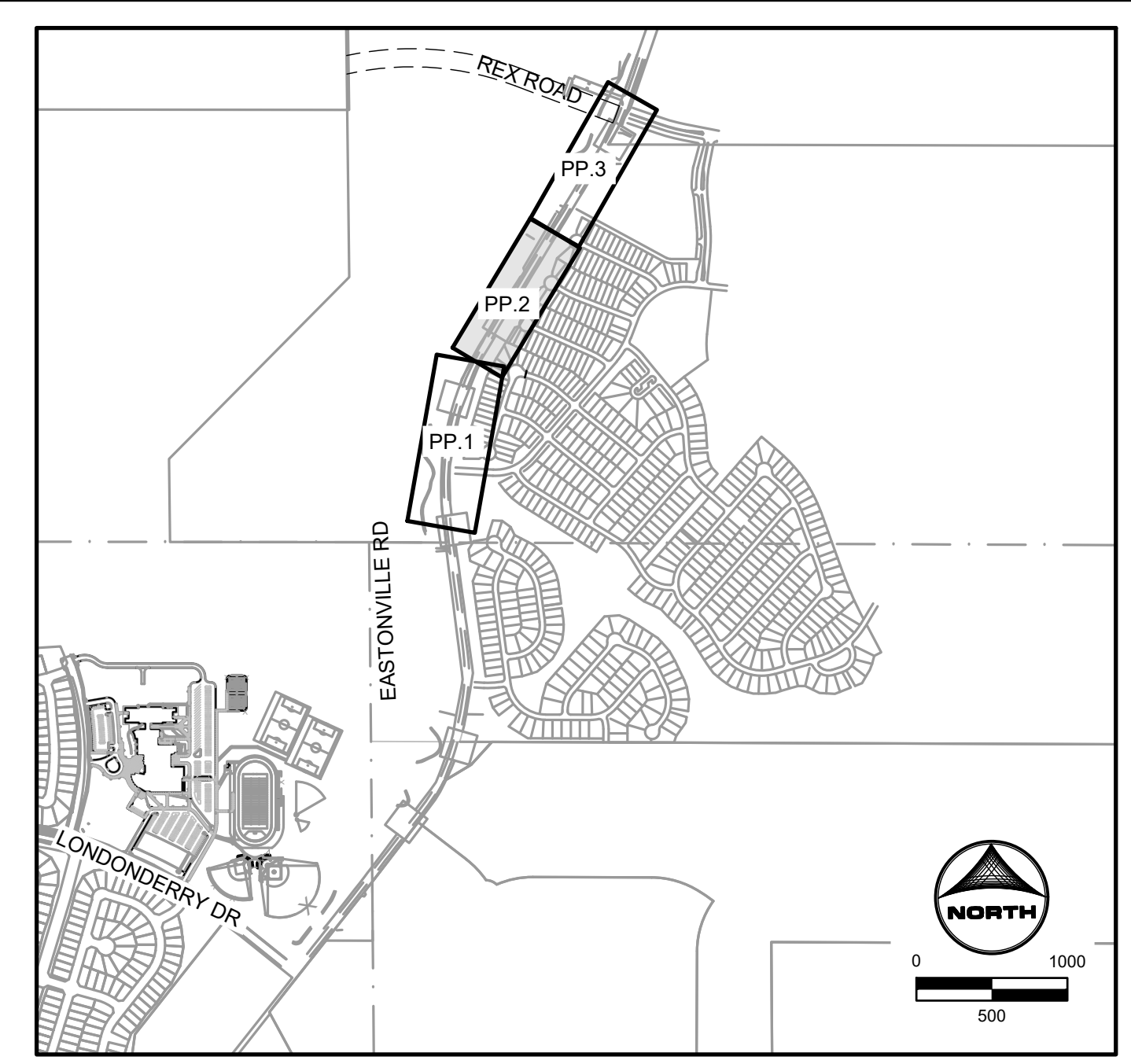
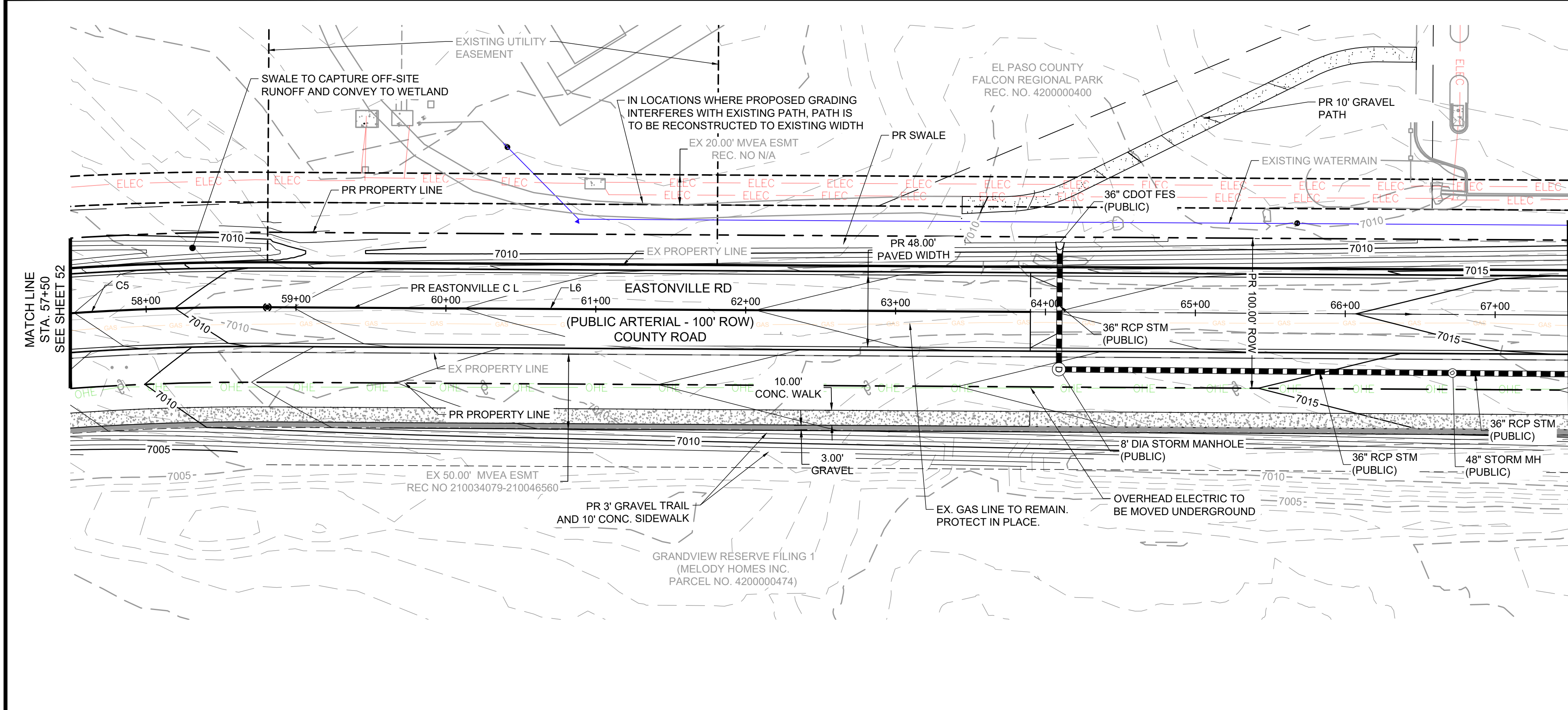
HRGreen
 HR GREEN - COLORADO SPRINGS
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 COLORADO SPRINGS CO 80920
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EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 PLAN & PROFILE

SHEET
PP.1
52

HR GREEN - 01-XC-PR_100YR_PP_DELINEATION_A:vg-1-df01;x-row=662.08_Eastonville; xv=511; y=700.00; J:\2020\201662\CAD\Drawings\Eastonville_Road_662.08\Segment_2\CD\Road_CDs\Road_Pnp_100YR_PP_DELINEATION_A.dwg

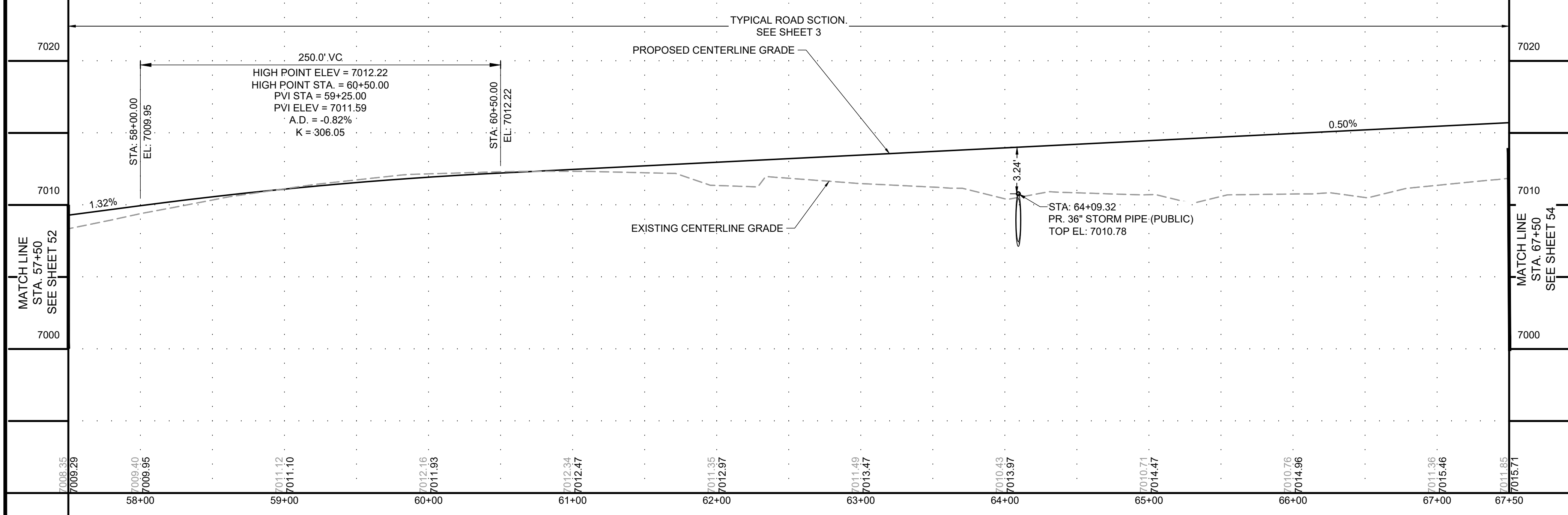


Line Table			Curve Table			
Line #	Length	Direction	Curve #	Length	Radius	Delta
L6	509.13	N 31°20'52\"/>				
C5	1180.82			1800.00		37°35'12\"/>

LEGEND

	EXISTING	PROPOSED
MATCH LINE		
PHASE LINE		
SECTION LINE		
PROPERTY BOUNDARY		
PROPERTY LINE		
EASEMENT LINE		
RIGHT OF WAY		
CENTERLINE		
CHAIN LINK FENCE		
WOODEN FENCE		
SPLIT RAIL FENCE		
GUARDRAIL		
U.G. ELECTRIC		
OVERHEAD ELECTRIC		
FIBER OPTIC		
GAS MAIN		
SANITARY SEWER		
STORM DRAIN		
TELEPHONE		
WATER MAIN		
SWALE		
TRAIL		
CURB & GUTTER		
INDEX CONTOUR		
INTER. CONTOUR		
100-YR FLOODPLAIN		
FLOODWAY		
EDGE OF WETLANDS		

EASTONVILLE ROAD: 57+50 - 67+50



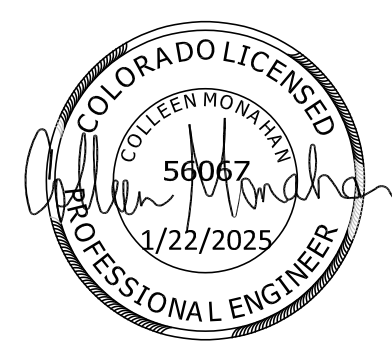
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NO.	DATE	BY	REVISION DESCRIPTION

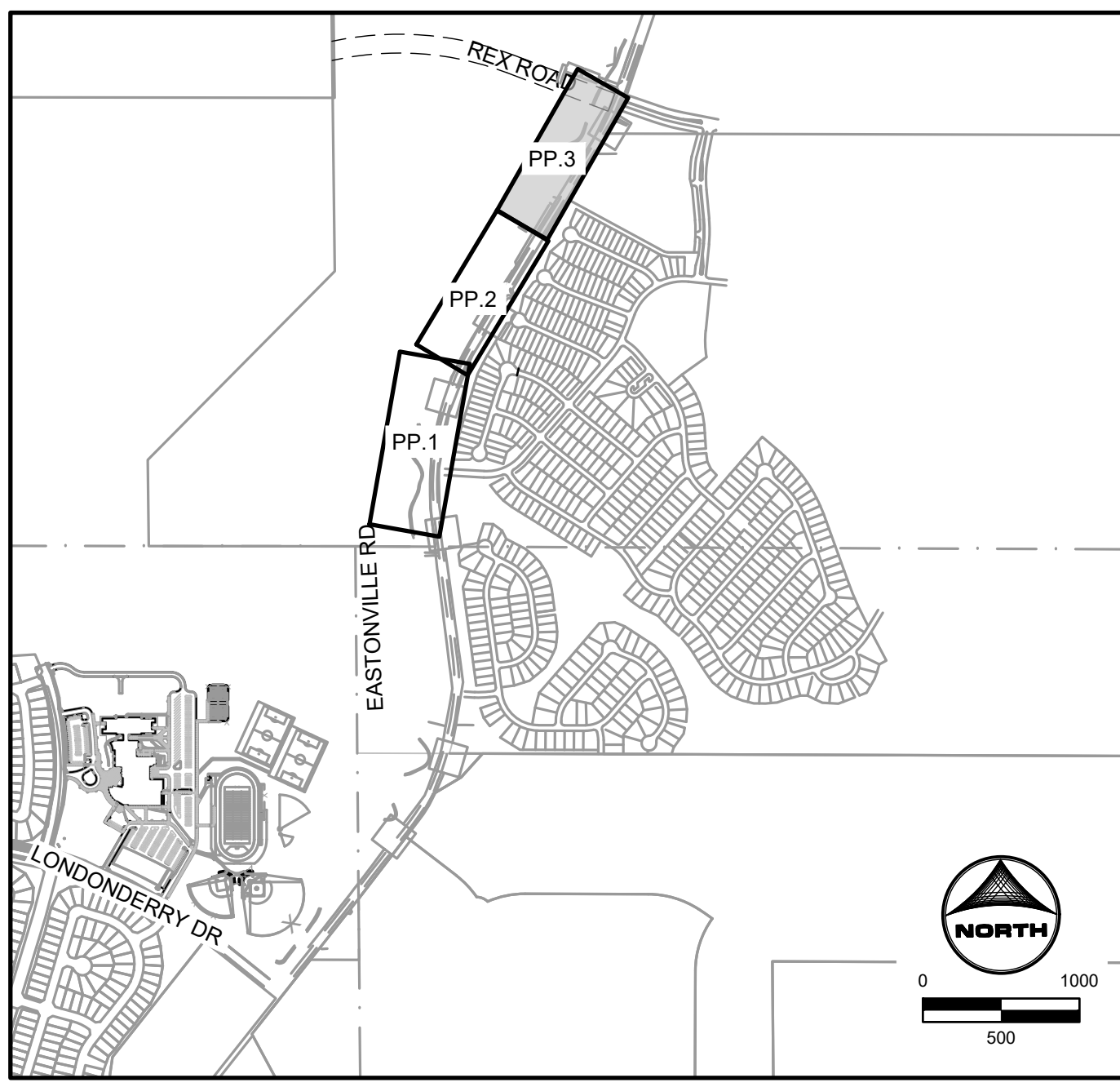
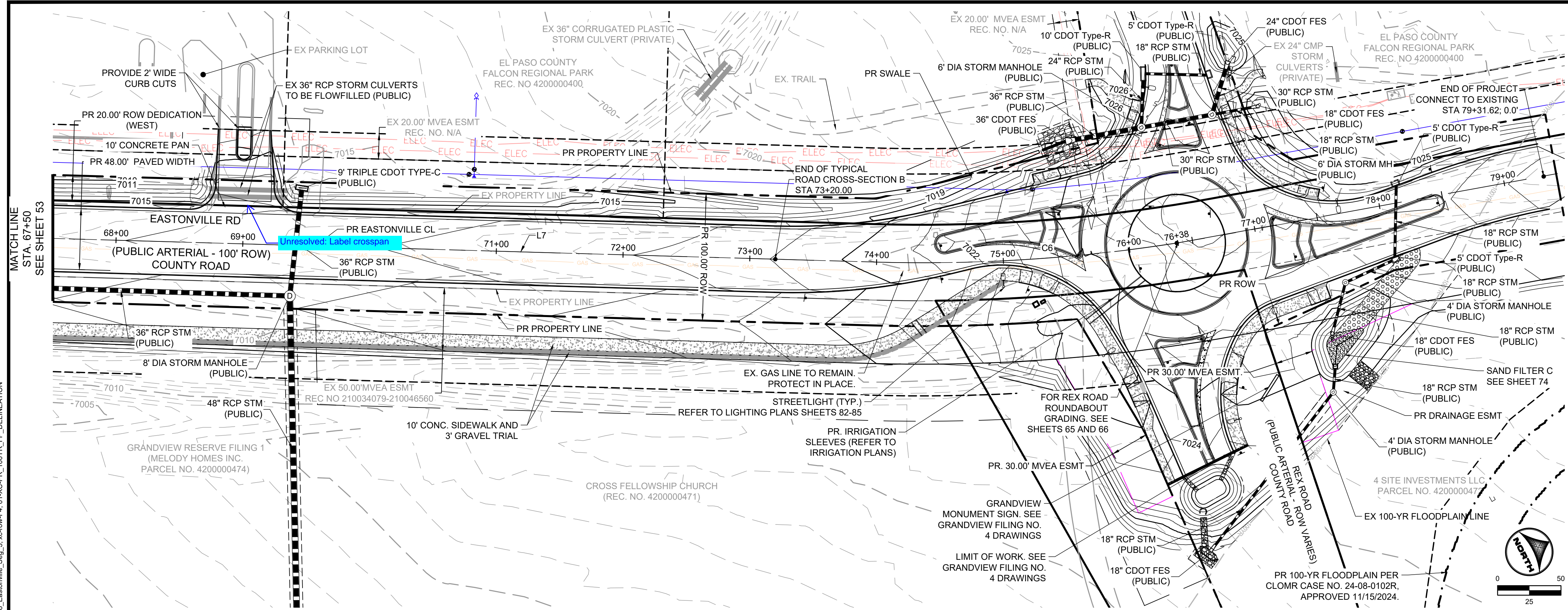
HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 PLAN & PROFILE II



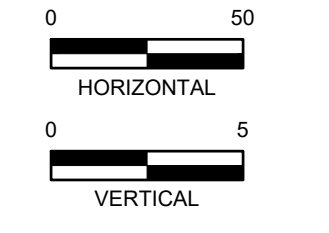
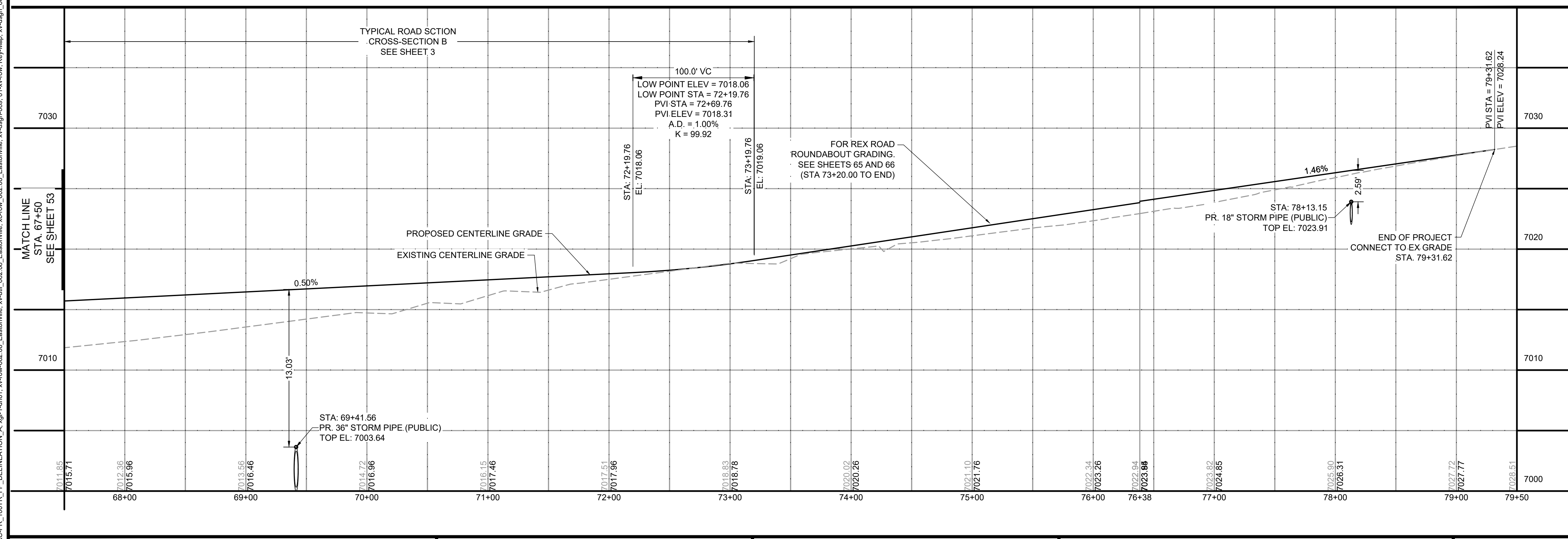
Know what's below.
 Call before you dig.



KEYMAP

Curve Table				Line Table		
Curve #	Length	Radius	Delta	Line #	Length	Direction
C6	272.59	1300.00	12°00'51"	L7	1517.49	N 31°20'52" E

EASTONVILLE ROAD: 67+50 - 77+53



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 CAD FILE: J:\2020\201662\CAD\Drawings\CI\Eastonville_Road_662.08\Segment_3\CD\Road_CDs\Road_Pp

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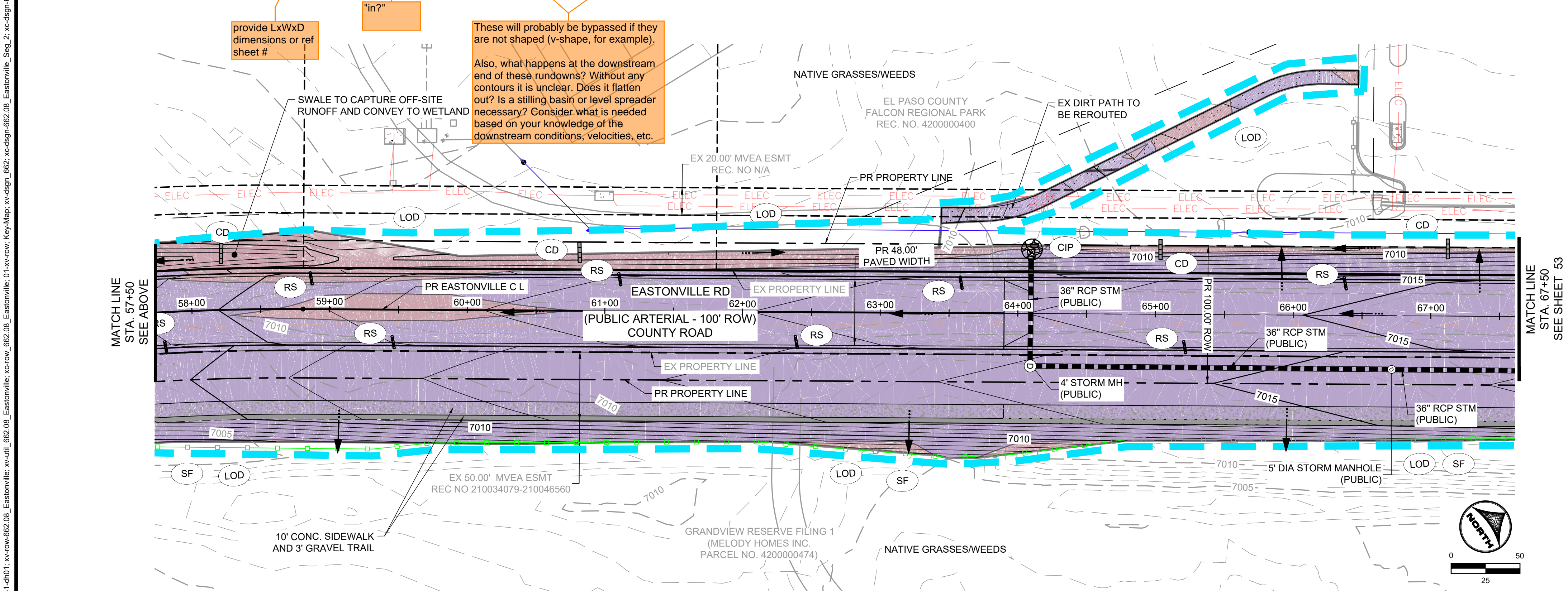
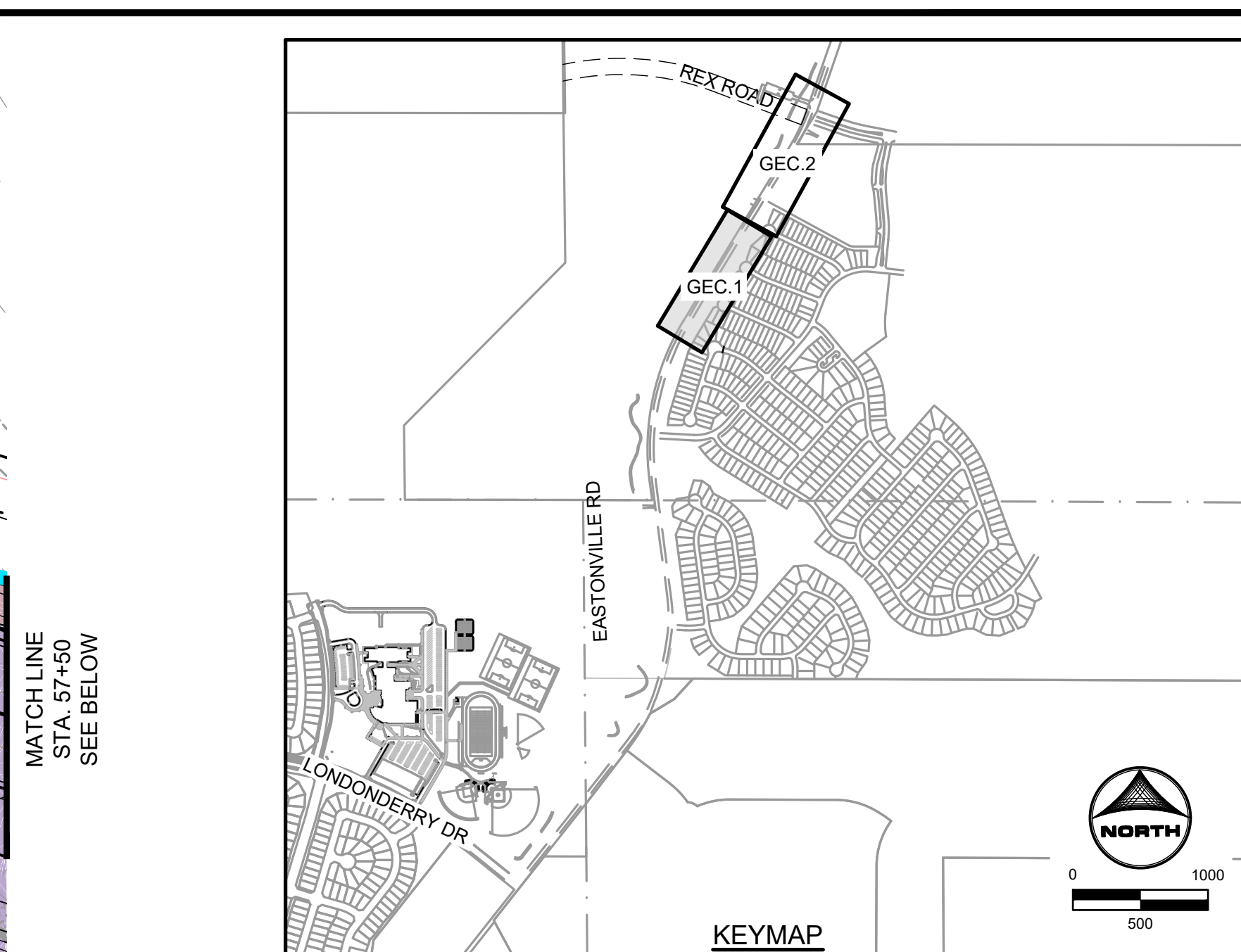
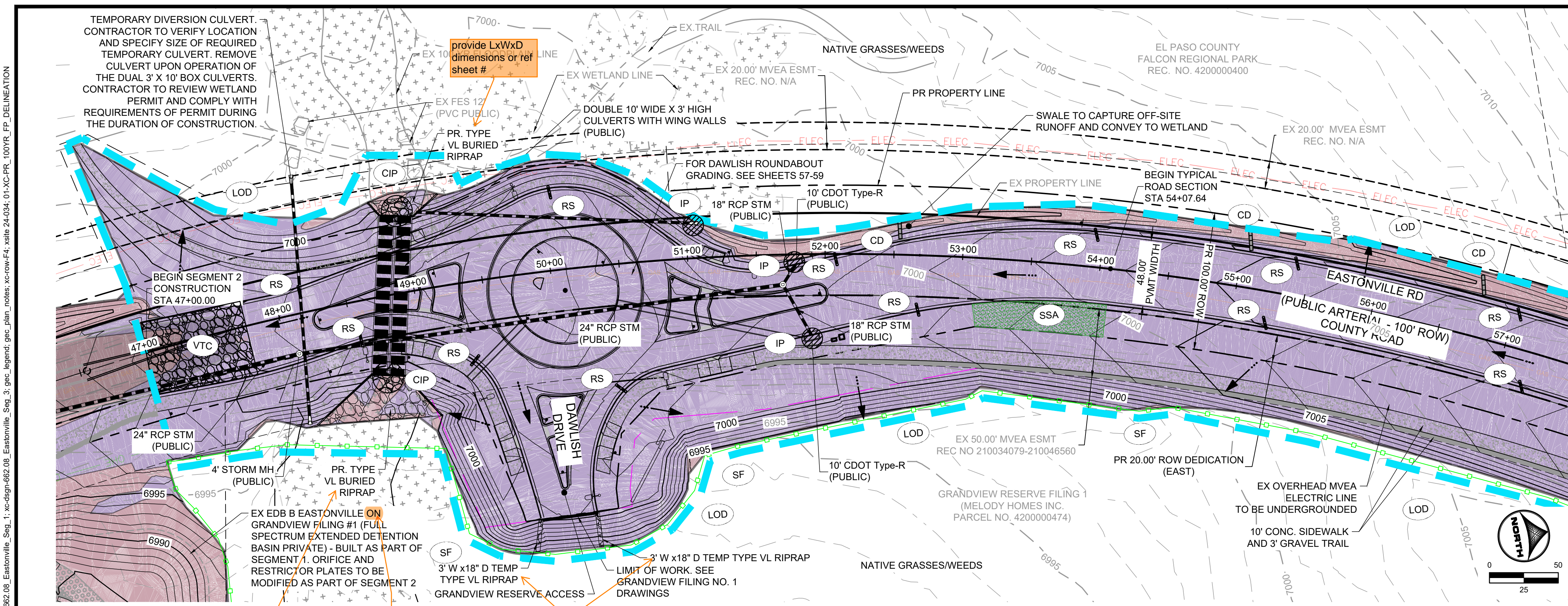
NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 PLAN & PROFILE III

SHEET
PP.3
54



GEC LEGEND:

- CWA CONCRETE WASHOUT AREA
- IP INLET PROTECTION
- CIP CULVERT INLET PROTECTION
- SF SILT FENCE
- SSA STABILIZED STAGING AREA
- VTC VEHICLE TRACKING CONTROL
- EDB EXTENDED DETENTION BASIN
- TSB TEMPORARY SEDIMENT BASIN
- CD CHECK DAM
- RS ROCK SOCK
- LOD LIMITS OF CONSTRUCTION/ DISTURBANCE

PHASE

- INTERIM
- INTERIM
- INTERIM
- INITIAL/INTERIM
- INTERIM
- INITIAL
- FINAL
- INTERIM
- INTERIM
- INTERIM
- INTERIM
- FINAL

NOTE: ALL DISTURBED AREAS OUTSIDE OF THE PROPOSED ROADWAY SECTION SHALL BE RESEED AND MULCHED WITH NATIVE GRASSES PER EL PASO COUNTY SEED MIX

TABLE 1.1 - ROCK CHECK DAM SPACING

SLOPE @ CHANNEL FLOWLINE (%)	MAX SPACING (FEET)
0.5 - 0.75	200
0.75 - 1	150
1 - 1.25	120
1.25 - 1.5	100
1.5 - 1.75	85
1.75 - 2	75
2-2.5	60

FINAL

811

Know what's below.
Call before you dig.

DRAWN BY: AXB JOB DATE: 1/3/2025
 APPROVED: CPM JOB NUMBER: 201662.08
 CAD DATE: 1/20/2025
 CAD FILE: J:\2020\201662\CAD\Drawings\Eastonville_Road_662.08\Segment_2\CD\GEC\GEC

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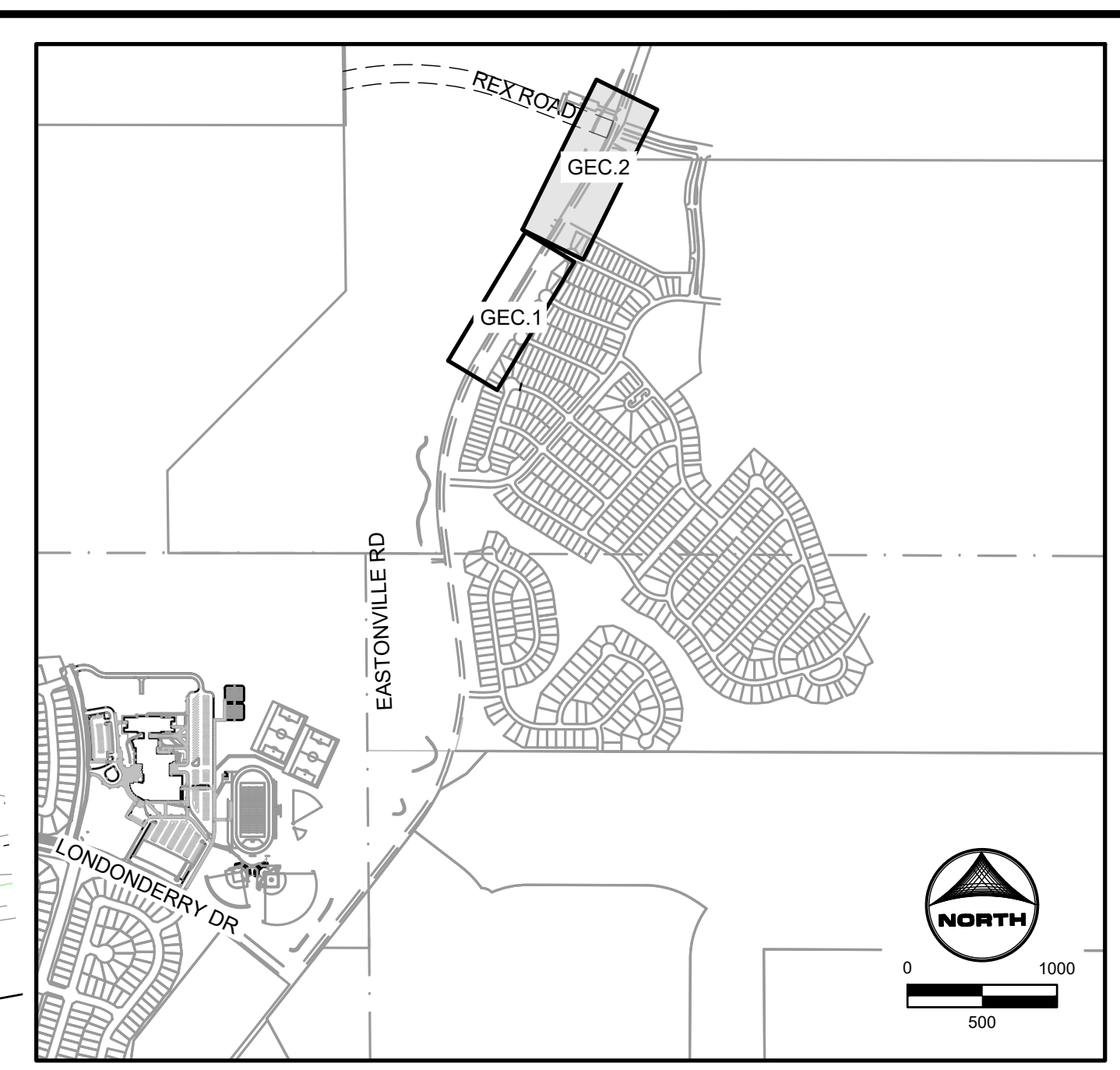
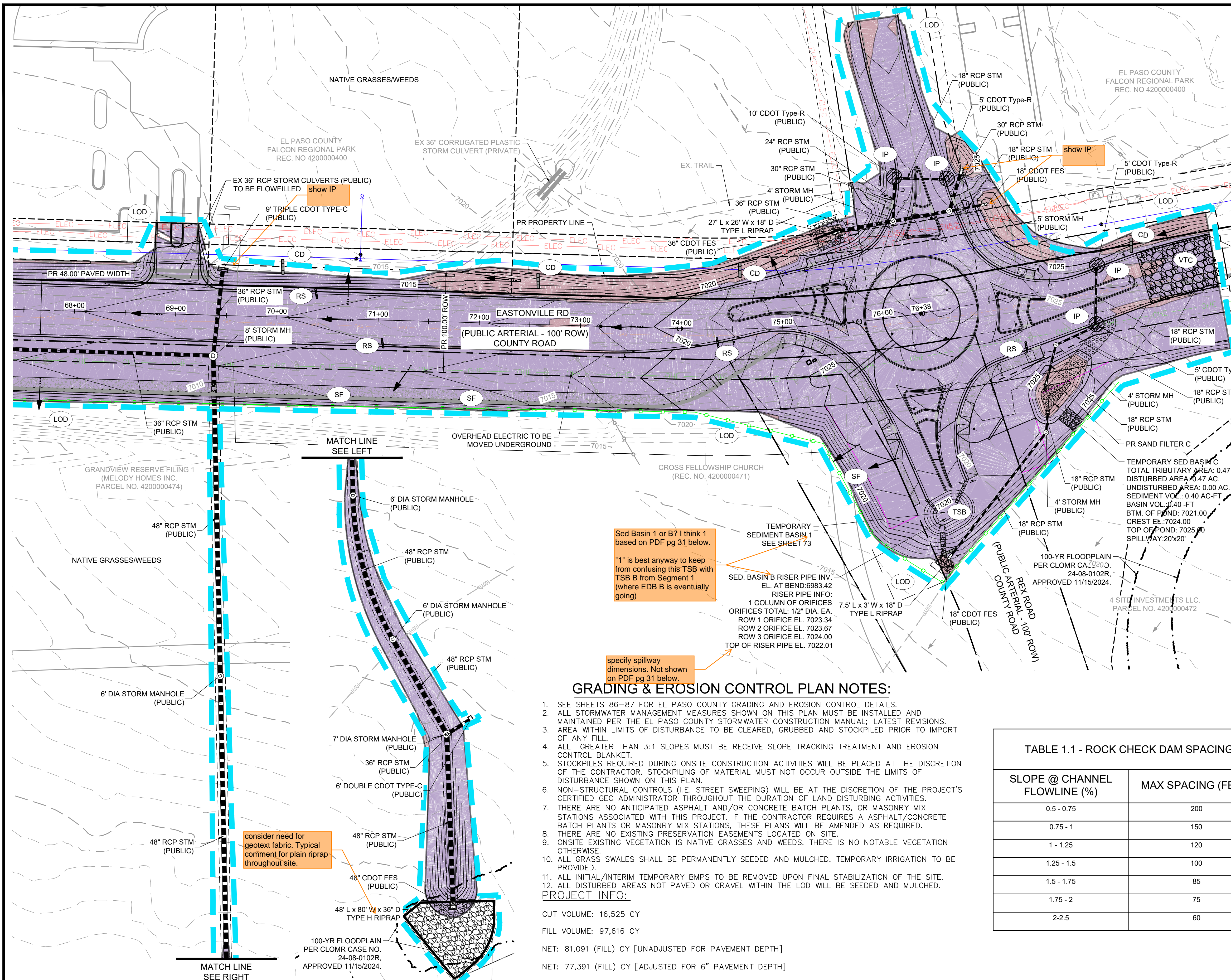
HRGreen
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EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 GRADING & EROSION CONTROL PLAN

SHEET
GEC.1 55

HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 230 COLORADO SPRINGS CO 80920 PHONE: 719.300.4140 FAX: 713.965.0044
 DRAWN BY: AXB JOB DATE: 1/3/2025 BAR IS ONE INCH ON OFFICIAL DRAWINGS.
 APPROVED: CPM JOB NUMBER: 201662.08 0" = 1"
 CAD DATE: 1/20/2025 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
 CAD FILE: J:\2020\201662\CAD\DWG\CI\Eastonville_Road_662.08\Segment_2\CD\GEC\GEC



GEC LEGEND:

	CWA	CONCRETE WASHOUT AREA	PHASE
	IP	INLET PROTECTION	INTERIM
	CIP	CULVERT INLET PROTECTION	INTERIM
	SF	SILT FENCE	INITIAL/INTERIM
	SSA	STABILIZED STAGING AREA	INTERIM
	VTC	VEHICLE TRACKING CONTROL	INITIAL
	EDB	EXTENDED DETENTION BASIN	FINAL
	TSB	TEMPORARY SEDIMENT BASIN	INTERIM
	CD	CHECK DAM	INTERIM
	RS	ROCK SOCK	INTERIM
	LOD	LIMITS OF CONSTRUCTION/ DISTURBANCE	
		PROP FLOW DIRECTION	
		EX FLOW DIRECTION	
		EX PROPERTY LINE	
		EX RIGHT OF WAY	
		CUT CONDITION	
		FILL CONDITION	

GRADING & EROSION CONTROL PLAN NOTES:

- SEE SHEETS 86-87 FOR EL PASO COUNTY GRADING AND EROSION CONTROL DETAILS.
- ALL STORMWATER MANAGEMENT MEASURES SHOWN ON THIS PLAN MUST BE INSTALLED AND MAINTAINED PER THE EL PASO COUNTY STORMWATER CONSTRUCTION MANUAL; LATEST REVISIONS.
- AREA WITHIN LIMITS OF DISTURBANCE TO BE CLEARED, GRUBBED AND STOCKPILED PRIOR TO IMPORT OF ANY FILL.
- ALL GREATER THAN 3:1 SLOPES MUST BE RECEIVE SLOPE TRACKING TREATMENT AND EROSION CONTROL BLANKET.
- STOCKPILES REQUIRED DURING ONSITE CONSTRUCTION ACTIVITIES WILL BE PLACED AT THE DISCRETION OF THE CONTRACTOR. STOCKPILING OF MATERIAL MUST NOT OCCUR OUTSIDE THE LIMITS OF DISTURBANCE SHOWN ON THIS PLAN.
- NON-STRUCTURAL CONTROLS (I.E. STREET SWEEPING) WILL BE AT THE DISCRETION OF THE PROJECT'S CERTIFIED GEC ADMINISTRATOR THROUGHOUT THE DURATION OF LAND DISTURBING ACTIVITIES.
- THERE ARE NO ANTICIPATED ASPHALT AND/OR CONCRETE BATCH PLANTS, OR MASONRY MIX STATIONS ASSOCIATED WITH THIS PROJECT. IF THE CONTRACTOR REQUIRES A ASPHALT/CONCRETE BATCH PLANTS OR MASONRY MIX STATIONS, THESE PLANS WILL BE AMENDED AS REQUIRED.
- THERE ARE NO EXISTING PRESERVATION EASEMENTS LOCATED ON SITE.
- ONSITE EXISTING VEGETATION IS NATIVE GRASSES AND WEEDS. THERE IS NO NOTABLE VEGETATION OTHERWISE.
- ALL GRASS SWALES SHALL BE PERMANENTLY SEEDED AND MULCHED. TEMPORARY IRRIGATION TO BE PROVIDED.
- ALL INITIAL/INTERIM TEMPORARY BMPs TO BE REMOVED UPON FINAL STABILIZATION OF THE SITE.
- ALL DISTURBED AREAS NOT PAVED OR GRAVEL WITHIN THE LOD WILL BE SEEDED AND MULCHED.

PROJECT INFO:

CUT VOLUME: 16,525 CY
 FILL VOLUME: 97,616 CY
 NET: 81,091 (FILL) CY [UNADJUSTED FOR PAVEMENT DEPTH]
 NET: 77,391 (FILL) CY [ADJUSTED FOR 6" PAVEMENT DEPTH]

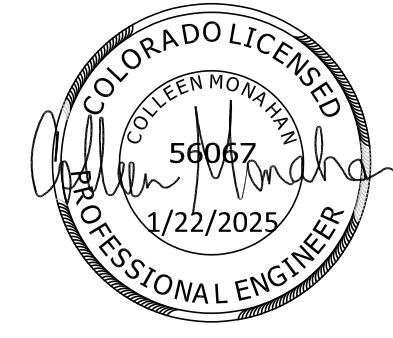
Sed Basin 1 or B? I think 1 based on PDF pg 31 below.
 "1" is best anyway to keep from confusing this TSB with TSB B from Segment 1 (where EDB B is eventually going)

specify spillway dimensions. Not shown on PDF pg 31 below.

TABLE 1.1 - ROCK CHECK DAM SPACING

SLOPE @ CHANNEL FLOWLINE (%)	MAX SPACING (FEET)
0.5 - 0.75	200
0.75 - 1	150
1 - 1.25	120
1.25 - 1.5	100
1.5 - 1.75	85
1.75 - 2	75
2-2.5	60

NOTE: ALL DISTURBED AREAS OUTSIDE OF THE PROPOSED ROADWAY SECTION SHALL BE RESEDED AND MULCHED WITH NATIVE GRASSES PER EL PASO COUNTY SEED MIX



DRAWN BY: AXB	JOB DATE: 1/3/2025
APPROVED: CPM	JOB NUMBER: 201662.08
CAD DATE: 1/20/2025	
CAD FILE: J:\2020\201662\CAD\DWG\CI\Eastonville_Road_662.08\Segment_2\CD\GEC\GEC	

NO.	DATE	BY	REVISION DESCRIPTION

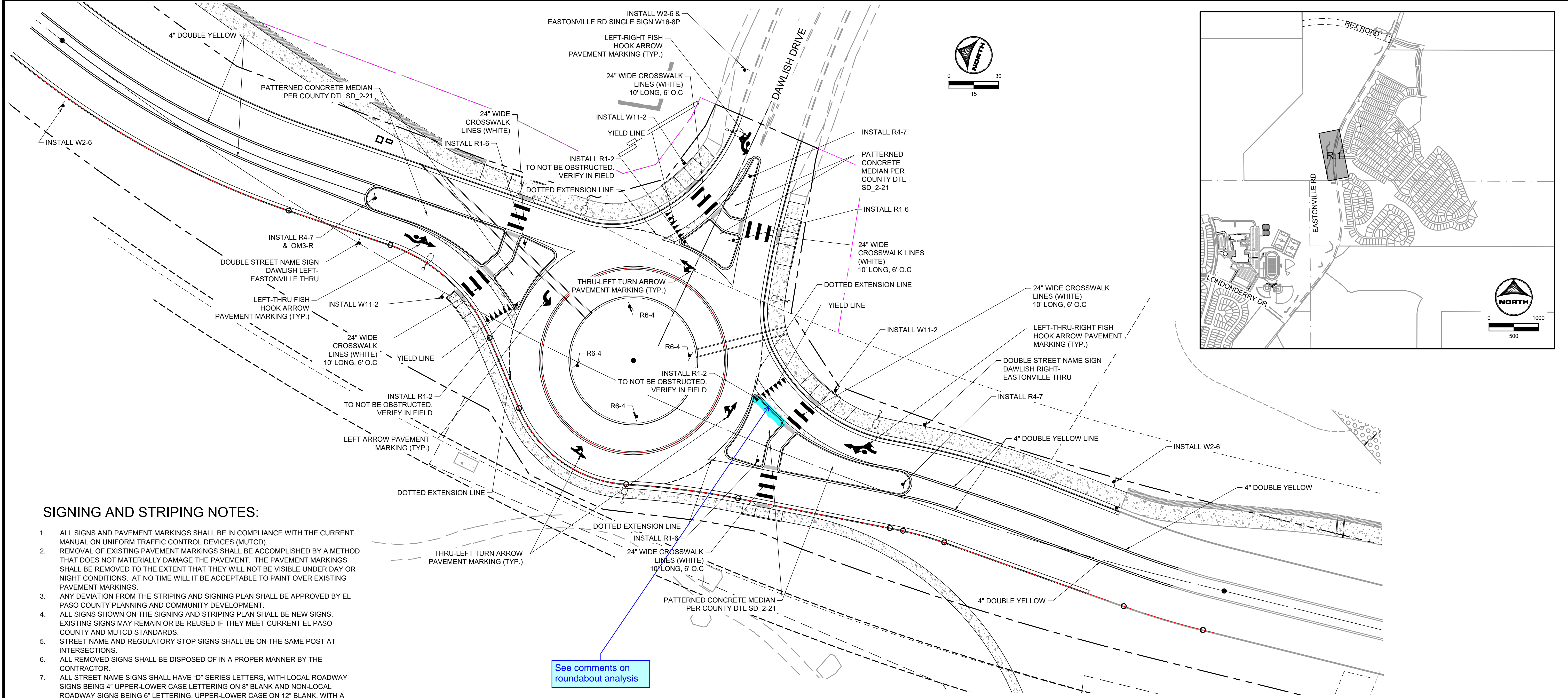
HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
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EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
GRADING & EROSION CONTROL PLAN

SHEET
GEC.2 56

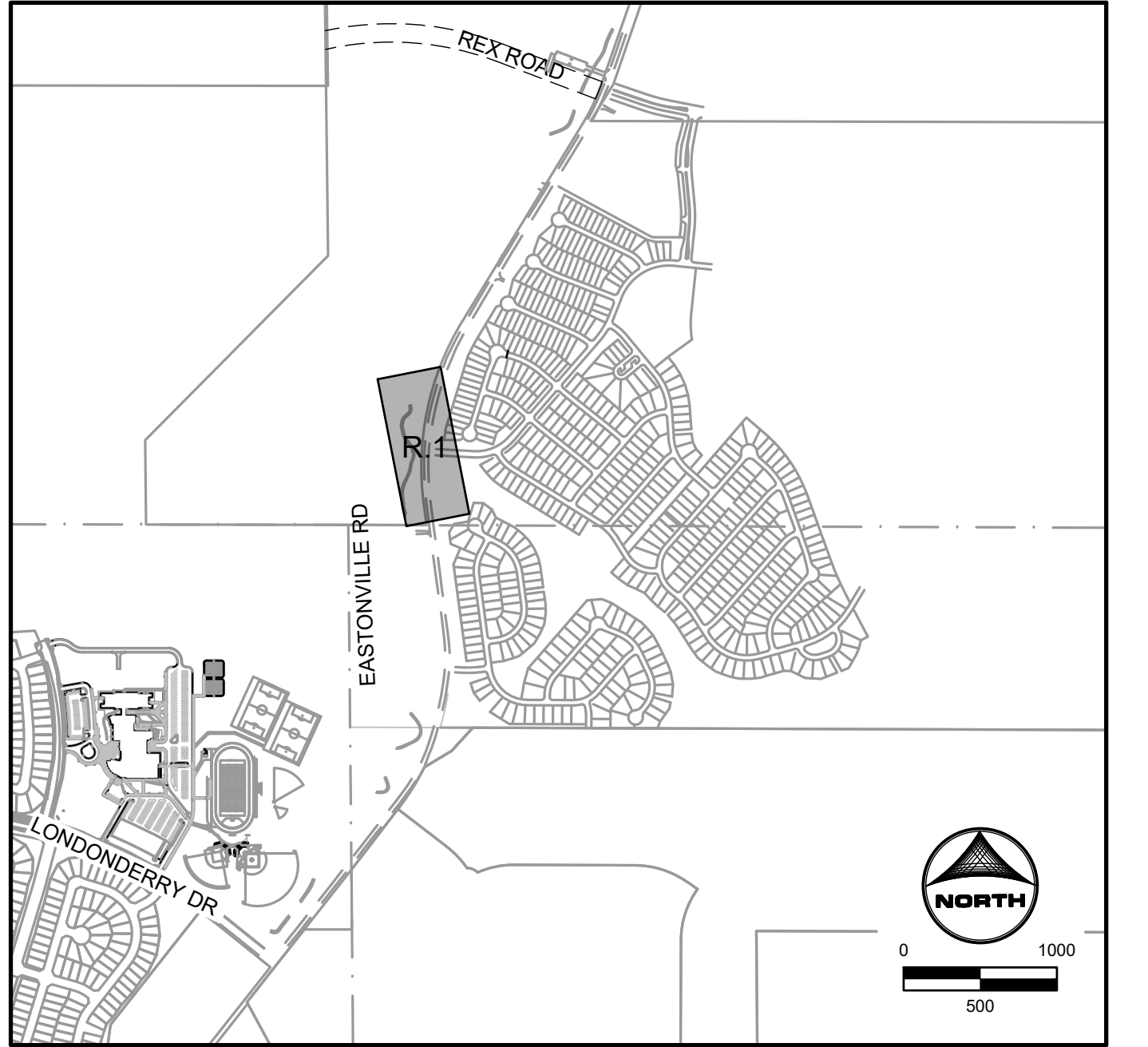
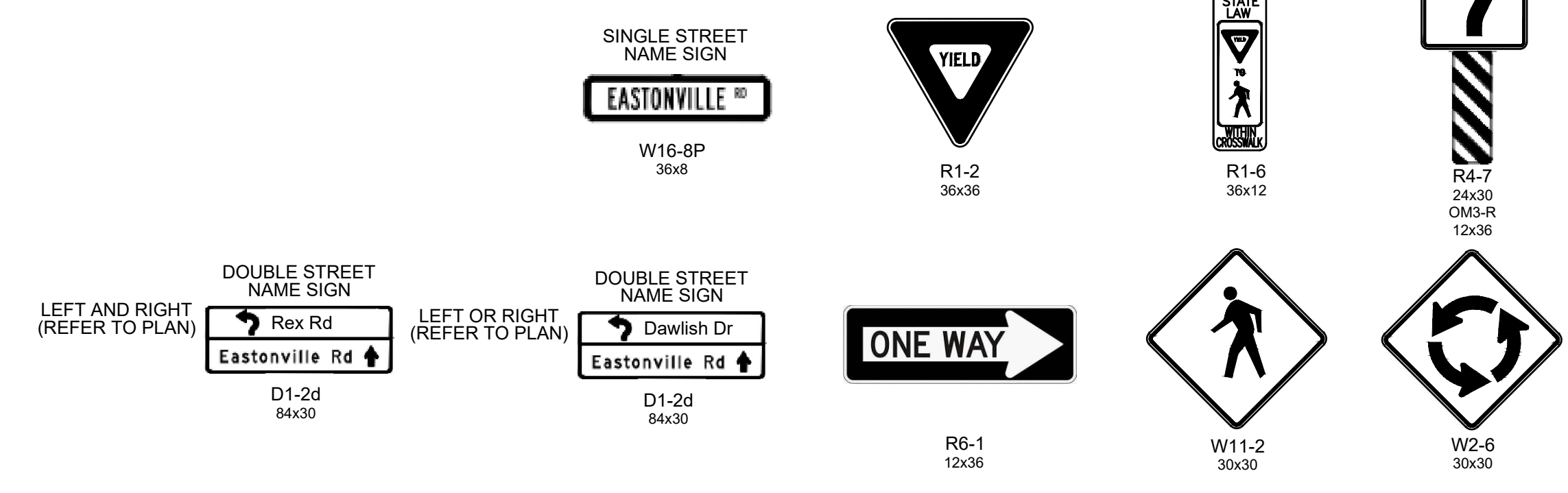
HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 230 COLORADO SPRINGS CO 80920 PHONE: 719.300.4140 FAX: 713.965.0044
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 CAD FILE: J:\2020\201662\CAD\DWGS\CIEastonville_Road_662.08\Segment_2\CID\Road_CDs\Roundabout_Signing_and_Striping.dwg



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 35 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 12" 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". SIGNAL POLE MOUNTED AND OVERHEAD STREET NAME SIGNS SHALL BE PER MUTCD SIZE STANDARDS.
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. 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. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 24" WIDE AND A MINIMUM OF 9' LONG.
12. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE.
13. 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.
14. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
15. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

See comments on roundabout analysis



EDARP FILING NO. CDR2321

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APPROVED: CPM	JOB NUMBER: 201662.08	0" = 1"
CAD DATE: 1/20/2025		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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HR GREEN
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 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

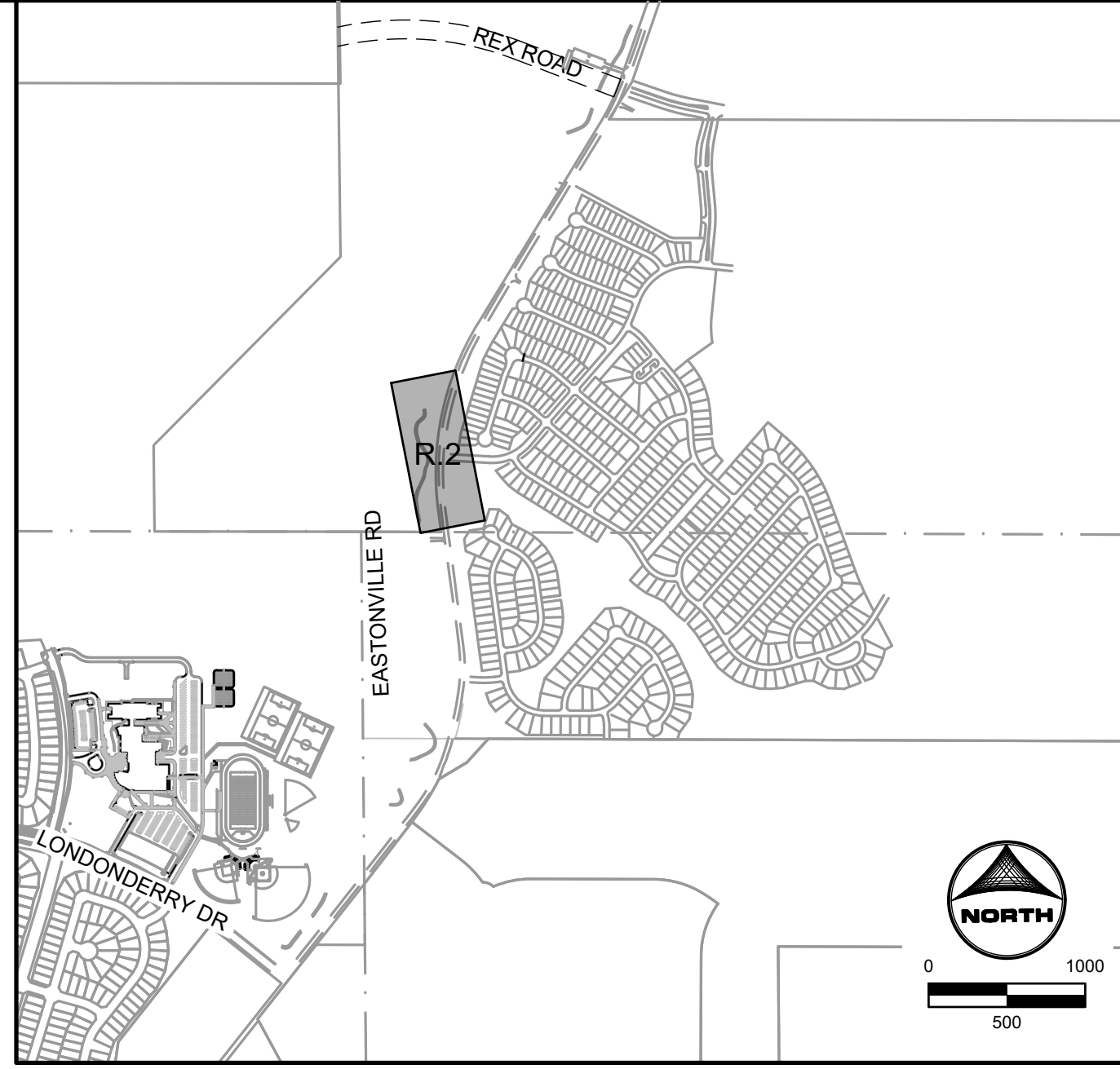
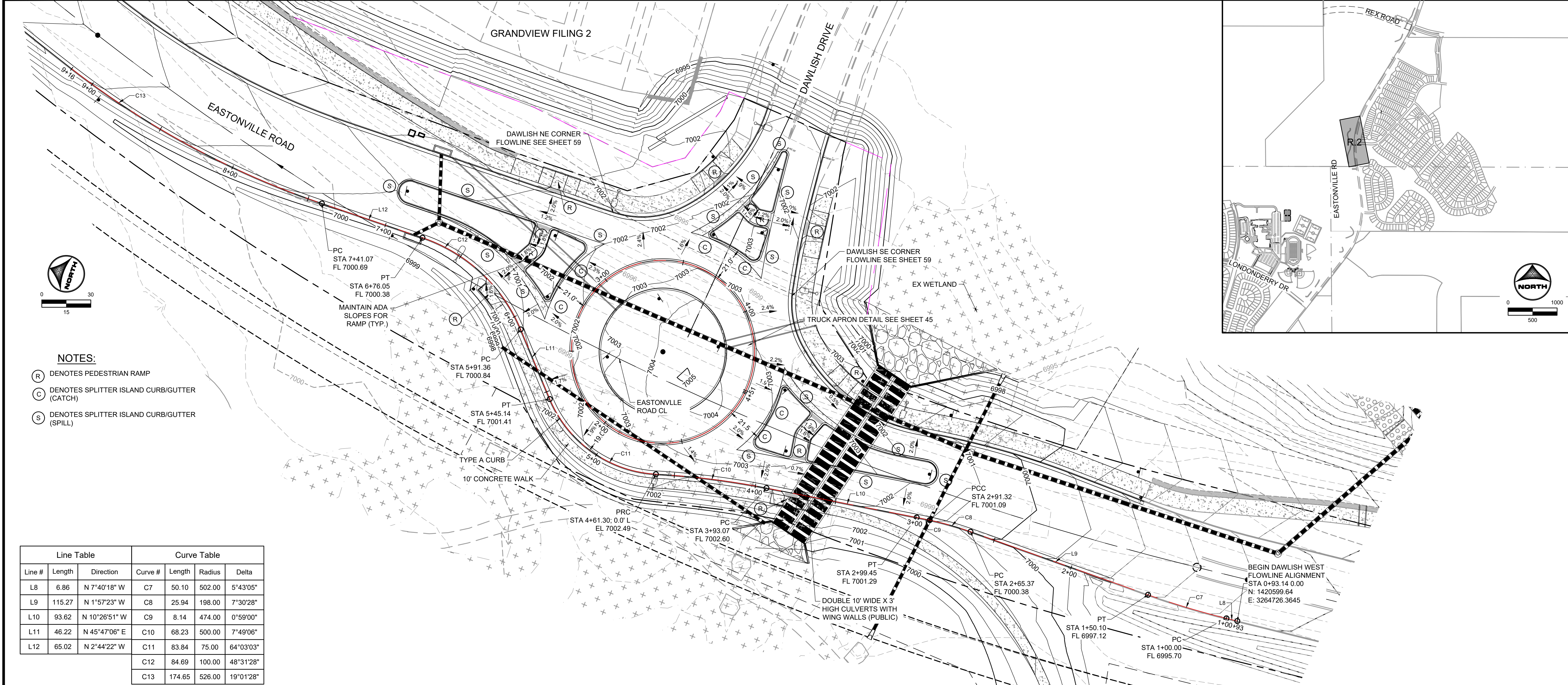
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FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 DAWLISH ROUNDABOUT SIGNING & STRIPING

SHEET
R.1
57



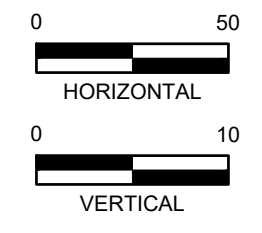
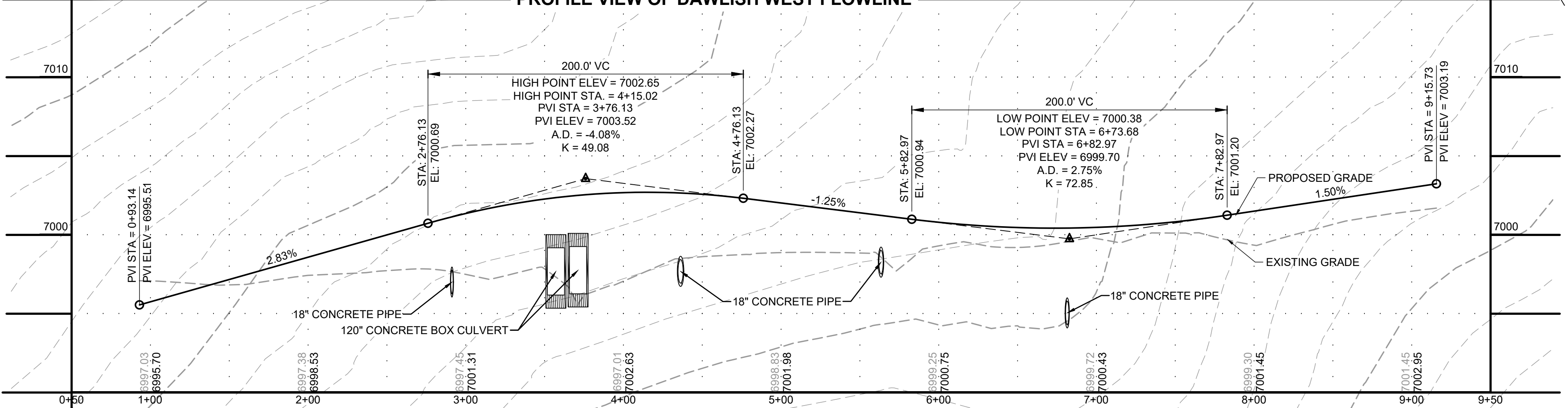
HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 230 COLORADO SPRINGS CO 80920 PHONE: 719.300.4140 FAX: 713.965.0044



- NOTES:**
- (R) DENOTES PEDESTRIAN RAMP
 - (C) DENOTES SPLITTER ISLAND CURB/GUTTER (CATCH)
 - (S) DENOTES SPLITTER ISLAND CURB/GUTTER (SPILL)

Line Table			Curve Table			
Line #	Length	Direction	Curve #	Length	Radius	Delta
L8	6.86	N 7°40'18" W	C7	50.10	502.00	5°43'05"
L9	115.27	N 1°57'23" W	C8	25.94	198.00	7°30'28"
L10	93.62	N 10°26'51" W	C9	8.14	474.00	0°59'00"
L11	46.22	N 45°47'06" E	C10	68.23	500.00	7°49'06"
L12	65.02	N 2°44'22" W	C11	83.84	75.00	64°03'03"
			C12	84.69	100.00	48°31'28"
			C13	174.65	526.00	19°01'28"

PROFILE VIEW OF DAWLISH WEST FLOWLINE



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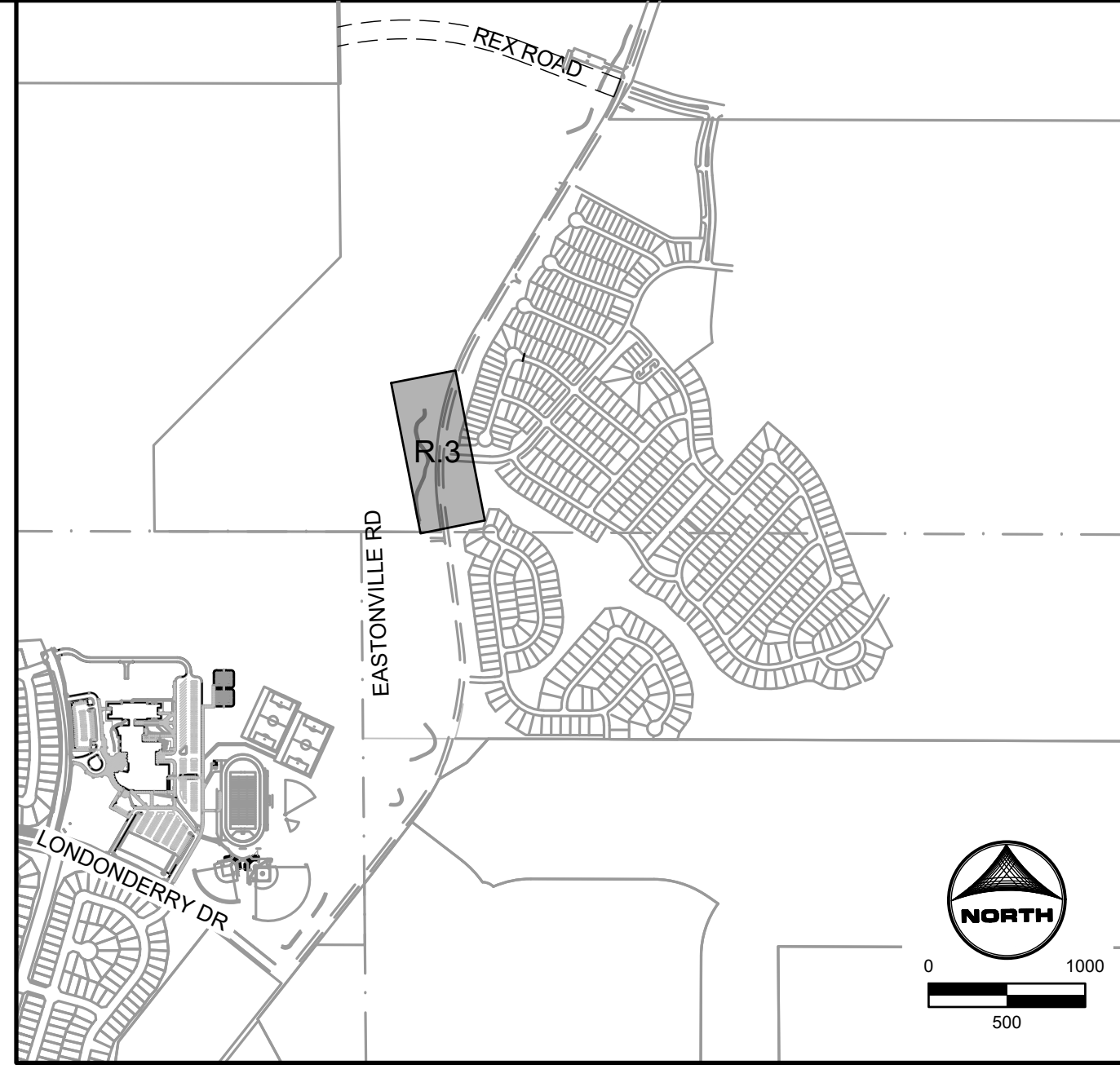
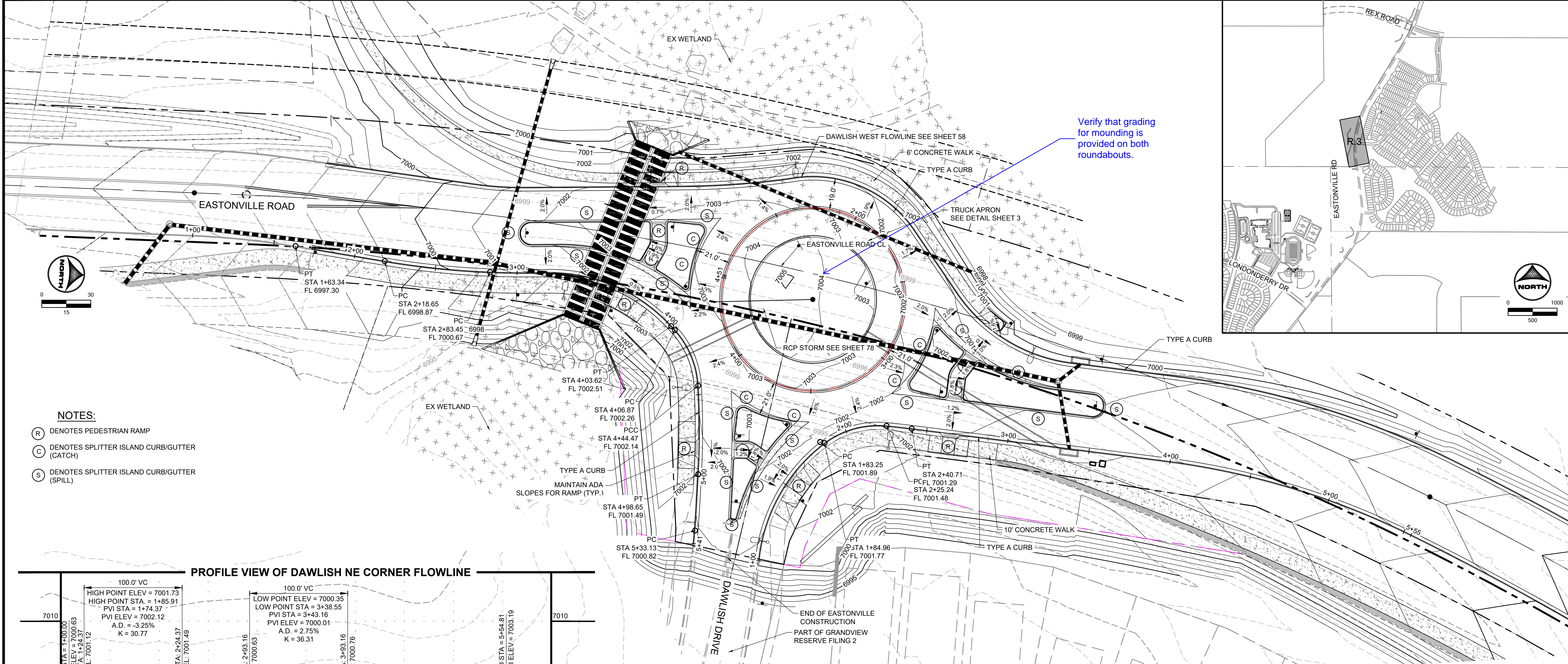
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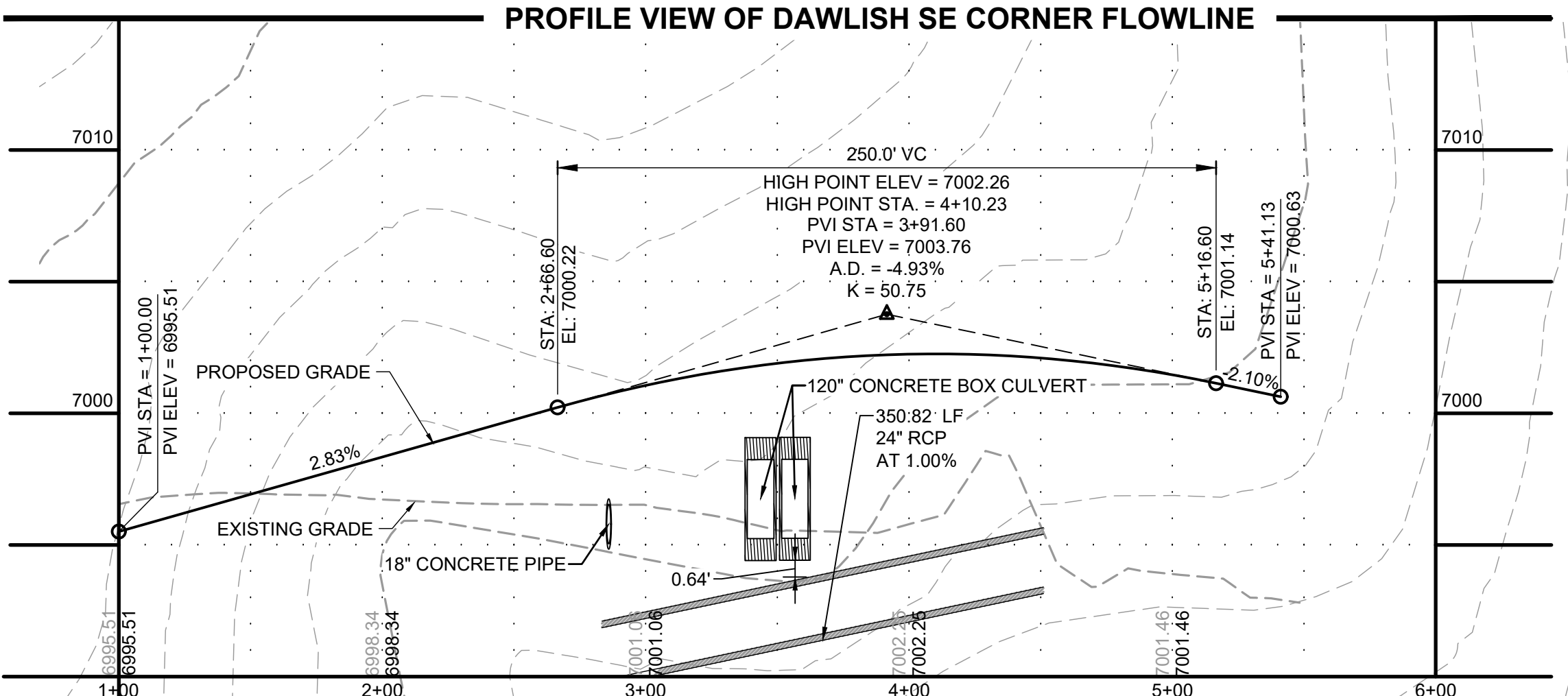
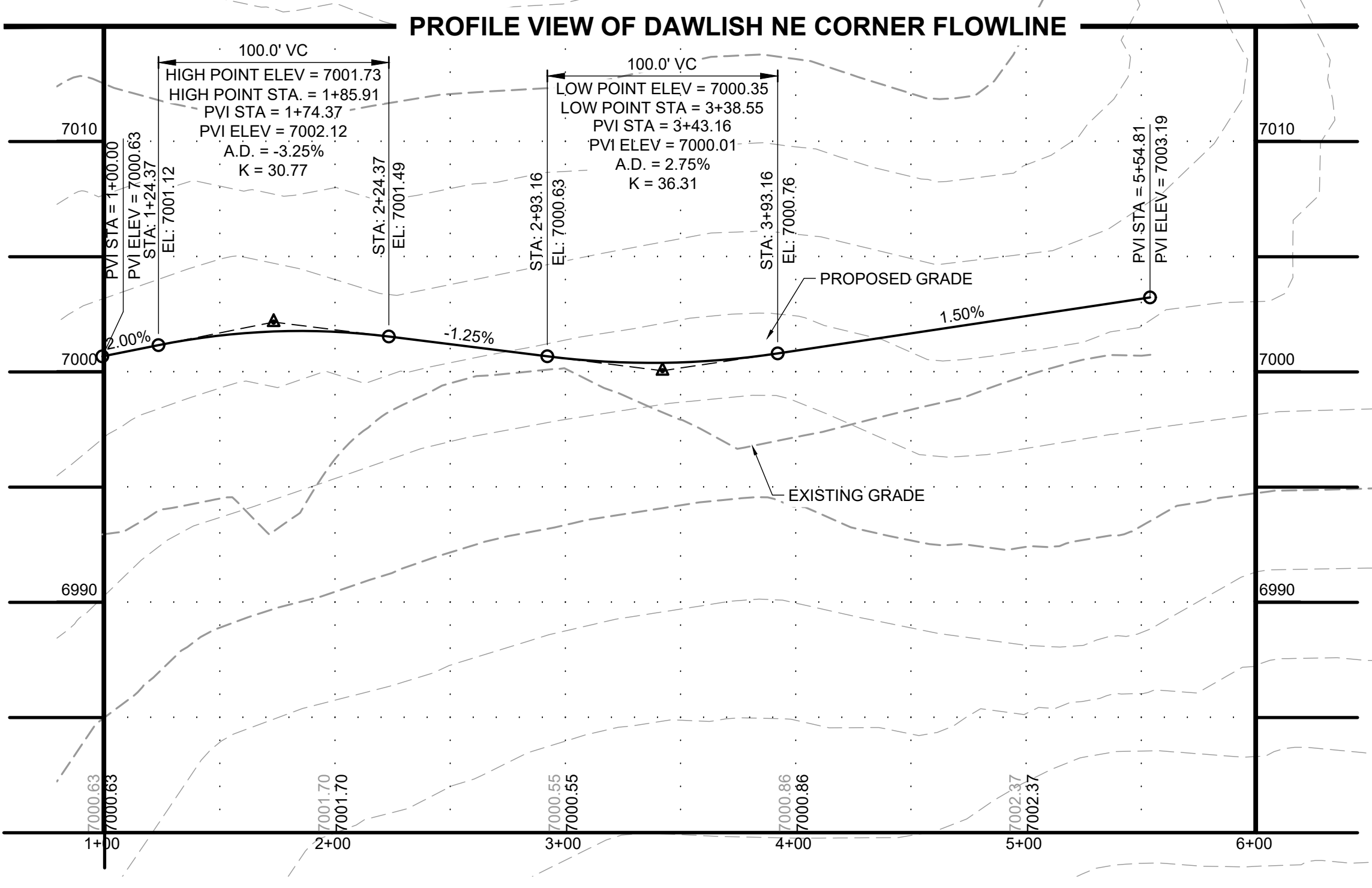
FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 DAWLISH ROUNDABOUT GRADING

SHEET
R.2
58

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- NOTES:**
- (R) DENOTES PEDESTRIAN RAMP
 - (C) DENOTES SPLITTER ISLAND CURB/GUTTER (CATCH)
 - (S) DENOTES SPLITTER ISLAND CURB/GUTTER (SPILL)



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 EL PASO COUNTY, COLORADO

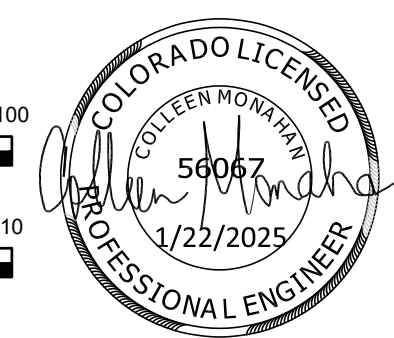
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FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 DAWLISH ROUNDABOUT GRADING

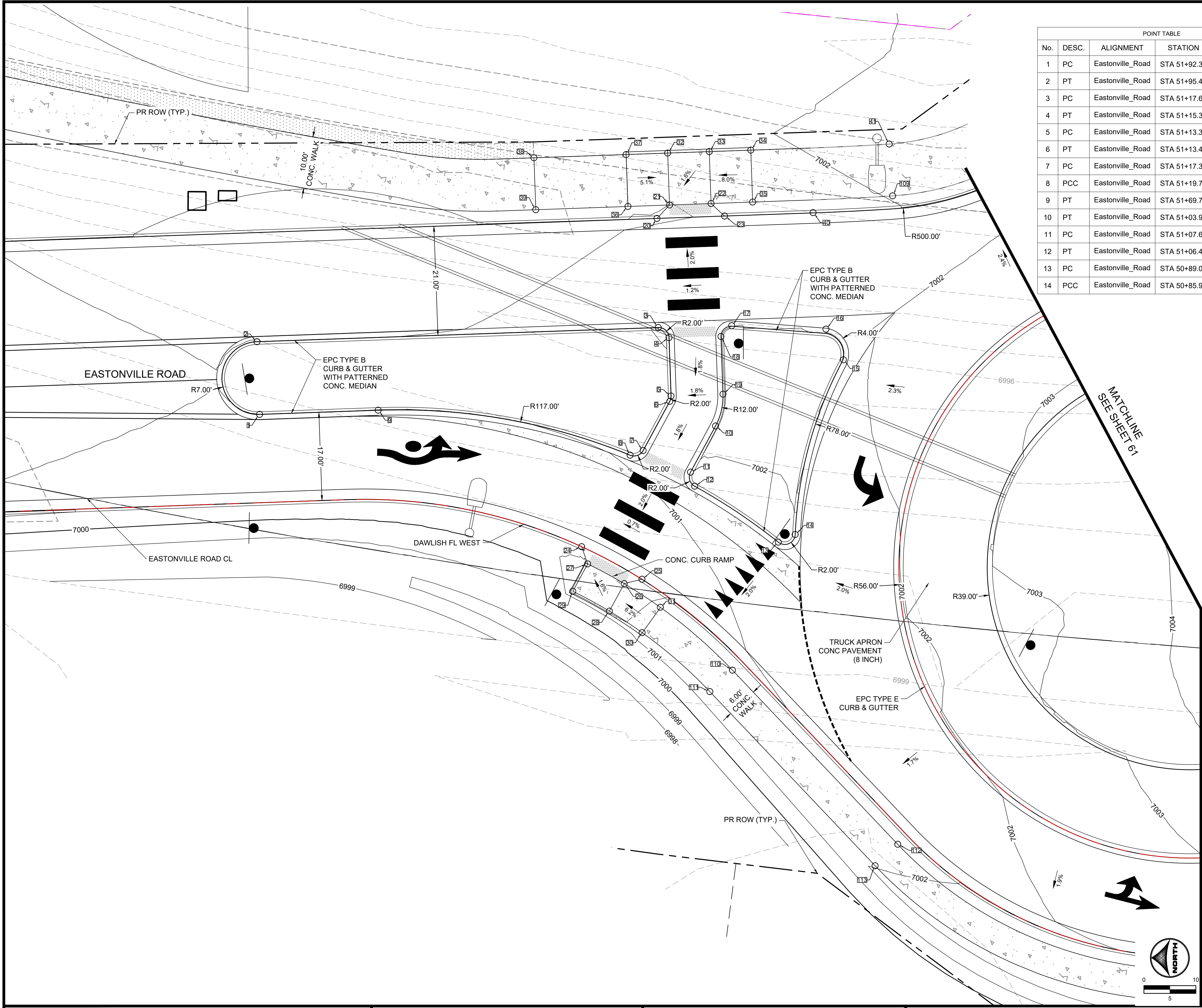
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SHEET
R.3

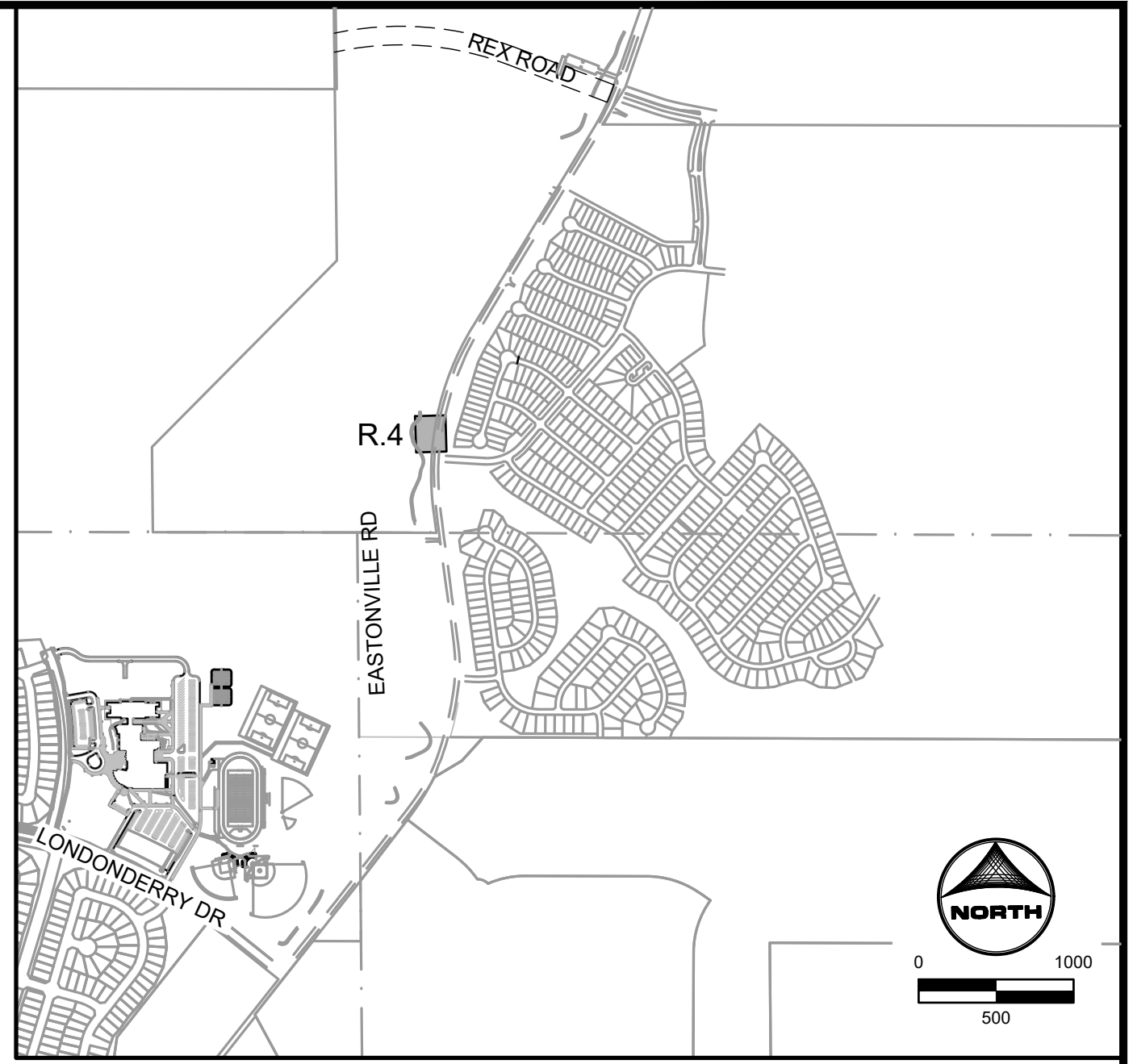
59



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 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044



No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
1	PC	Eastonville_Road	STA 51+92.39	22.0' R	7000.93
2	PT	Eastonville_Road	STA 51+95.40	35.7' R	7000.97
3	PC	Eastonville_Road	STA 51+17.69	50.5' R	7001.52
4	PT	Eastonville_Road	STA 51+15.32	48.9' R	7001.53
5	PC	Eastonville_Road	STA 51+13.38	37.8' R	7001.34
6	PT	Eastonville_Road	STA 51+13.48	36.7' R	7001.32
7	PC	Eastonville_Road	STA 51+17.36	26.7' R	7001.13
8	PCC	Eastonville_Road	STA 51+19.77	25.4' R	7001.12
9	PT	Eastonville_Road	STA 51+69.73	26.7' R	7000.91
10	PT	Eastonville_Road	STA 51+03.96	33.2' R	7001.63
11	PC	Eastonville_Road	STA 51+07.64	23.7' R	7001.44
12	PT	Eastonville_Road	STA 51+06.49	21.2' R	7001.21
13	PC	Eastonville_Road	STA 50+89.00	12.5' R	7001.48
14	PCC	Eastonville_Road	STA 50+85.94	14.3' R	7001.45



No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
15	PCC	Eastonville_Road	STA 50+80.52	48.8' R	7001.99
16	PT	Eastonville_Road	STA 50+84.68	54.3' R	7001.89
17	PC	Eastonville_Road	STA 51+03.31	52.7' R	7001.69
18	PT	Eastonville_Road	STA 51+05.15	50.4' R	7001.84
19	PC	Eastonville_Road	STA 51+03.30	39.4' R	7001.65
20	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+70.79	0.0'	7000.91
21	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+68.29	2.5' R	7000.99
22	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+60.28	2.5' R	7001.09
23	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+57.78	0.0'	7001.07
24	HC RAMP	ROUNDABOUT DAWLISH WEST SIDE	STA 6+29.50	0.0' L	7000.53
25	HC RAMP	ROUNDABOUT DAWLISH WEST SIDE	STA 6+16.31	0.0' R	7000.61
26	HC RAMP	ROUNDABOUT DAWLISH WEST SIDE	STA 6+18.80	2.5' L	7000.64
27	HC RAMP	ROUNDABOUT DAWLISH WEST SIDE	STA 6+27.00	2.5' L	7000.58
28	HC RAMP	ROUNDABOUT DAWLISH WEST SIDE	STA 6+18.53	8.5' L	7000.75
29	HC RAMP	ROUNDABOUT DAWLISH WEST SIDE	STA 6+27.27	8.5' L	7000.69
30	HC RAMP	ROUNDABOUT DAWLISH WEST SIDE	STA 6+10.28	8.5' L	7001.24
31	HC RAMP	ROUNDABOUT DAWLISH WEST SIDE	STA 6+10.27	2.5' L	7001.12
32	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+68.29	12.5' R	7001.17
33	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+60.28	12.5' R	7001.19
34	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+52.28	12.5' R	7001.88
35	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+52.28	2.5' R	7001.68
36	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+76.29	2.5' R	7001.38
37	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+76.29	12.5' R	7001.58
38	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+94.04	12.5' R	7001.36
39	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+94.04	2.5' R	7001.16
40	PC	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+40.73	0.1' R	7001.52
41	PT	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+25.24	12.5' R	7002.22
109	SIDEWALK	ROUNDABOUT DAWLISH WEST SIDE	STA 6+15.52	88.2' R	7002.02
110	SIDEWALK	ROUNDABOUT DAWLISH WEST SIDE	STA 5+91.36	2.5' L	7001.30
111	SIDEWALK	ROUNDABOUT DAWLISH WEST SIDE	STA 5+91.36	8.5' L	7001.42
112	SIDEWALK	ROUNDABOUT DAWLISH WEST SIDE	STA 5+45.14	2.5' L	7001.87
113	SIDEWALK	ROUNDABOUT DAWLISH WEST SIDE	STA 5+45.14	8.5' L	7001.99

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 CAD FILE: J:\2020\201662\CAD\Drawings\Eastonville_Road_662.08\Segment_2\CAD\Road_CDs\Roundabout_grading_and_signs.dwg

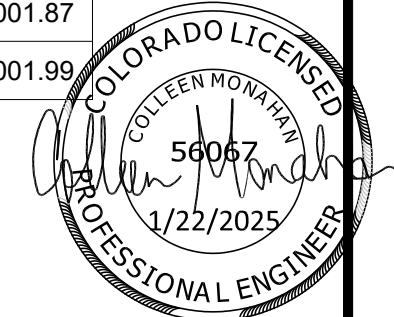
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 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
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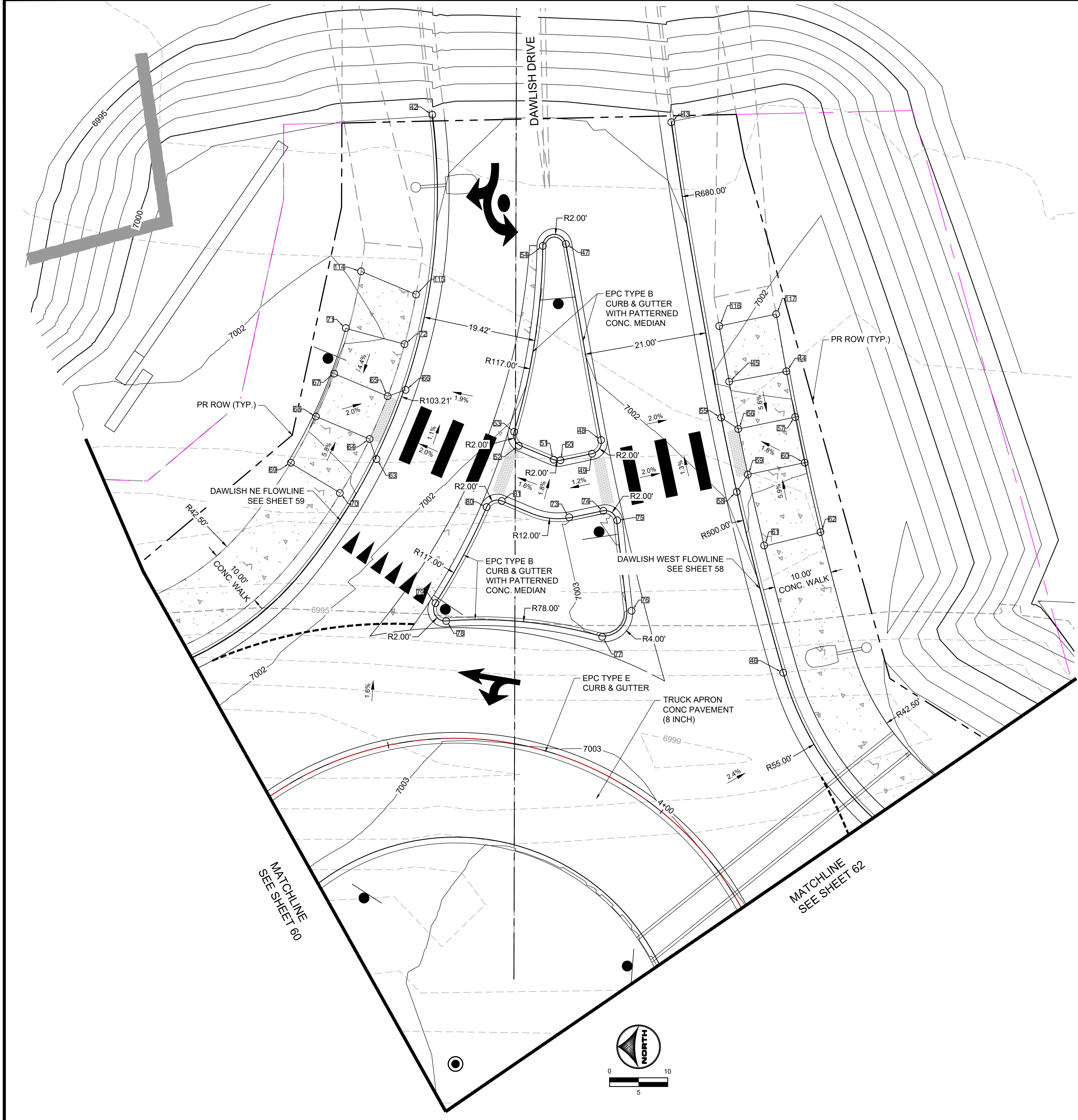
EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 DAWLISH ROUNDABOUT DETAILED GRADING I

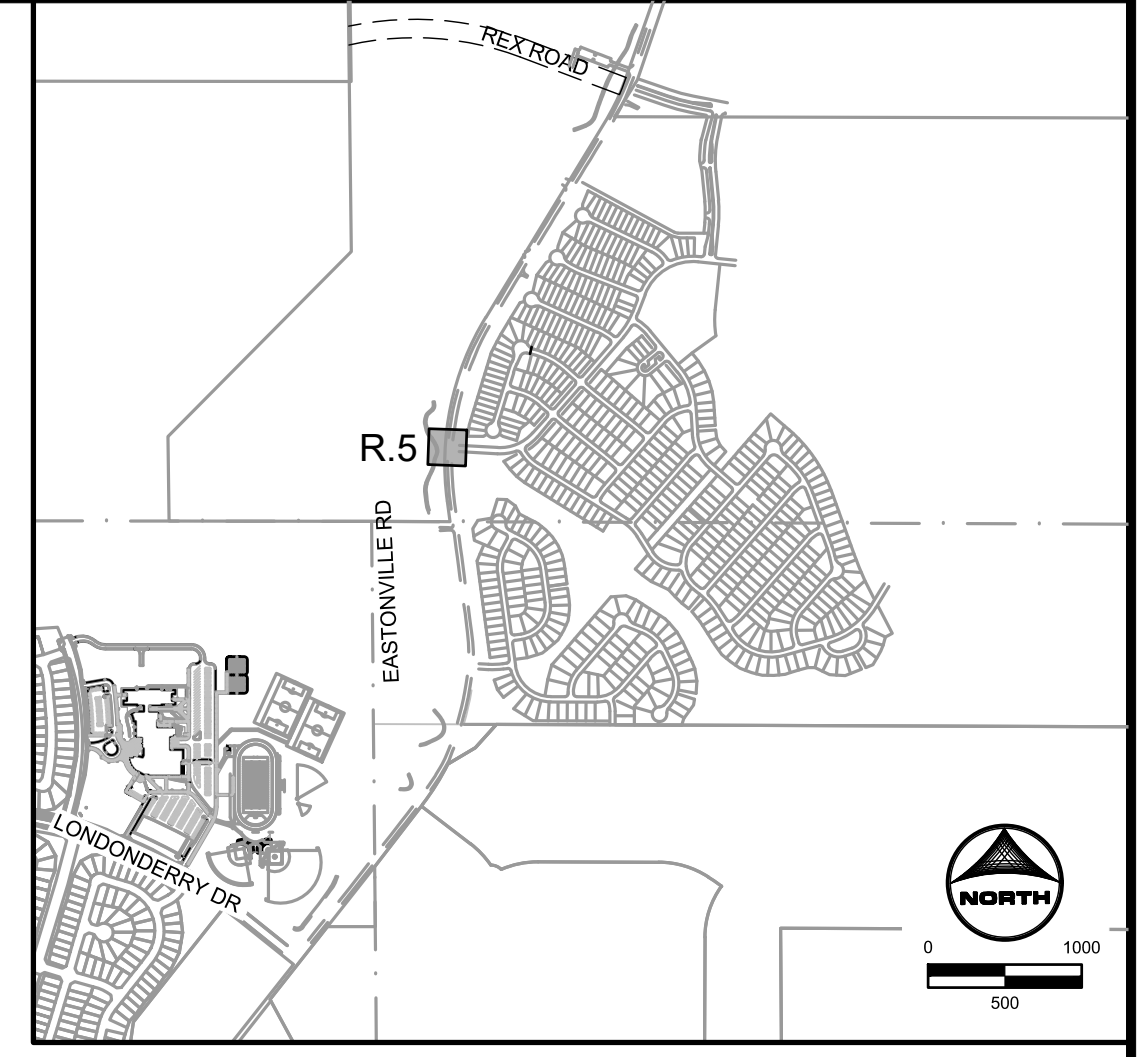
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No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
41	PT	ROUNDABOUT DAWLISH NE FLOWLINE	STA 2+25.24	12.5' R	7002.22
42	END TYPE 2 C&G	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+00.00	0.0'	7000.78
43	PC	ROUNDABOUT DAWLISH SE FLOWLINE	STA 5+41.13	0.0'	7000.56
44	PT	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+95.42	12.5' R	7002.28
45	PC	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+95.45	2.5' R	7002.08
46	PC	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+44.47	0.0'	7002.14
47	PT	ROUNDABOUT DAWLISH SE FLOWLINE	STA 5+23.41	21.1' L	7001.61
48	PC	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+89.79	21.0' L	7002.24
49	PT	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+87.88	23.0' L	7002.26
50	PC	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+87.83	28.5' L	7002.19
51	PT	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+50.23	28.3' L	7002.18
52	PC	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+50.13	21.8' L	7002.11
53	PCC	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+48.46	20.3' L	7002.09
54	PCC	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+21.20	18.5' L	7001.65
55	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+89.62	0.0' L	7001.64
56	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+87.12	2.5' R	7001.64
57	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+87.20	12.5' R	7001.82
58	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+76.58	0.0' R	7001.82
59	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+79.08	2.5' R	7001.82
60	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+79.00	12.5' R	7001.87
61	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+66.50	2.5' R	7002.48
62	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+66.44	12.5' R	7002.68
63	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+93.55	59.6' L	7001.64
64	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+58.15	2.3' R	7001.64
65	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+49.97	2.3' R	7001.56
66	HC RAMP	ROUNDABOUT DAWLISH SE FLOWLINE	STA 5+03.79	52.5' L	7001.51
67	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+49.48	12.3' R	7001.74
68	HC RAMP	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+58.57	12.3' R	7001.82
69	SIDEWALK	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+95.38	74.1' L	7002.39
70	SIDEWALK	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+89.52	66.8' L	7002.22
71	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+40.29	12.7' R	7002.14
72	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+40.36	2.2' R	7001.93
73	PT	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+78.48	29.1' L	7002.49
74	PC	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+78.32	23.1' L	7002.56
75	PT	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+76.29	21.1' L	7002.44
76	PC	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+61.24	22.4' L	7002.60
77	PCC	ROUNDABOUT DAWLISH SE FLOWLINE	STA 4+58.32	28.4' L	7002.76
78	PCC	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+76.67	24.8' L	7002.37
79	PCC	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+75.46	21.6' L	7002.68
80	PCC	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+59.95	20.9' L	7002.21
81	PCC	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+58.24	22.8' L	7002.41
114	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+28.83	12.1' R	7001.93
115	SIDEWALK	ROUNDABOUT DAWLISH NE FLOWLINE	STA 1+31.41	2.1' R	7001.78
116	SIDEWALK	ROUNDABOUT DAWLISH SE FLOWLINE	STA 5+05.18	2.5' R	7001.91
117	SIDEWALK	ROUNDABOUT DAWLISH SE FLOWLINE	STA 5+05.49	12.5' R	7002.10



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 CAD FILE: J:\2020\201662\CAD\Drawings\Eastonville_Road_662.08\Segment_2\CD\Road_CDs\Roundabout

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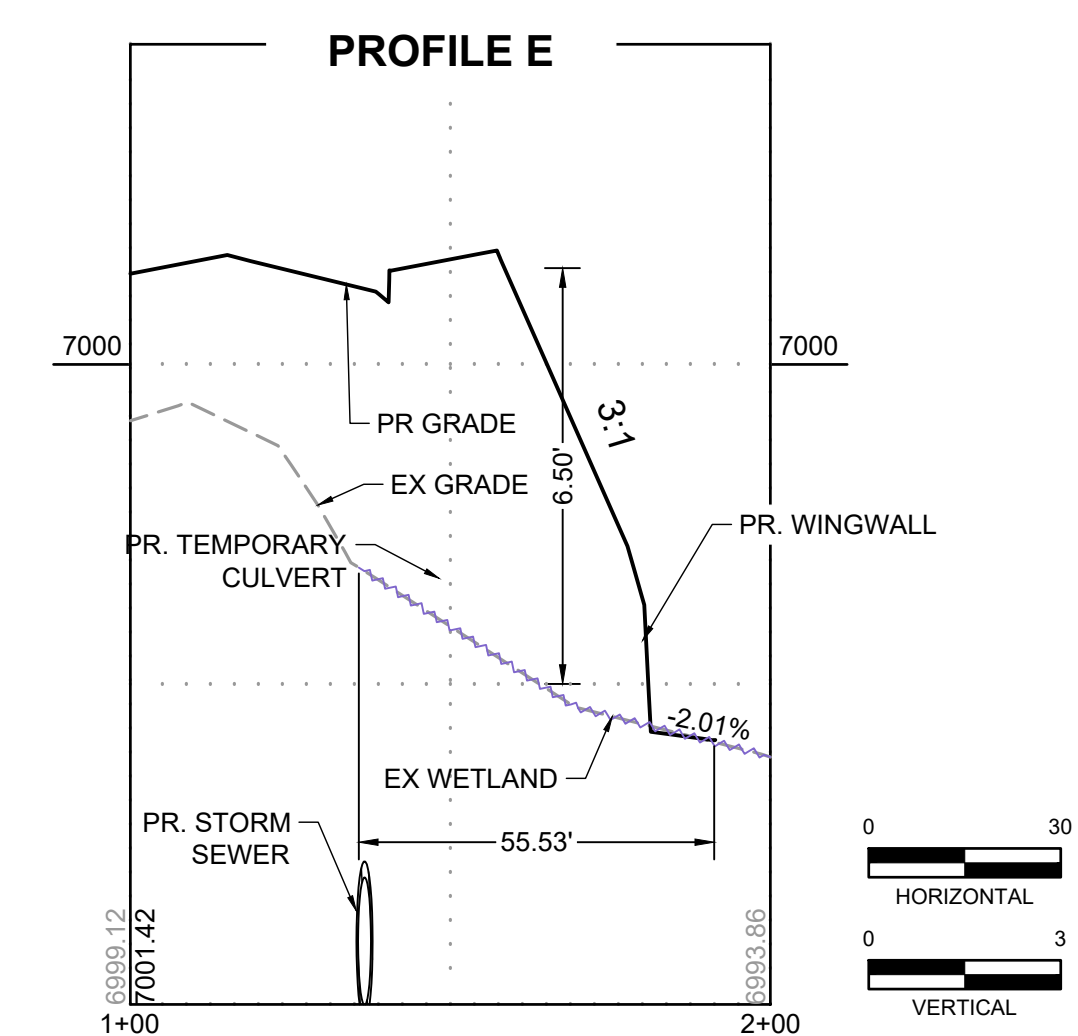
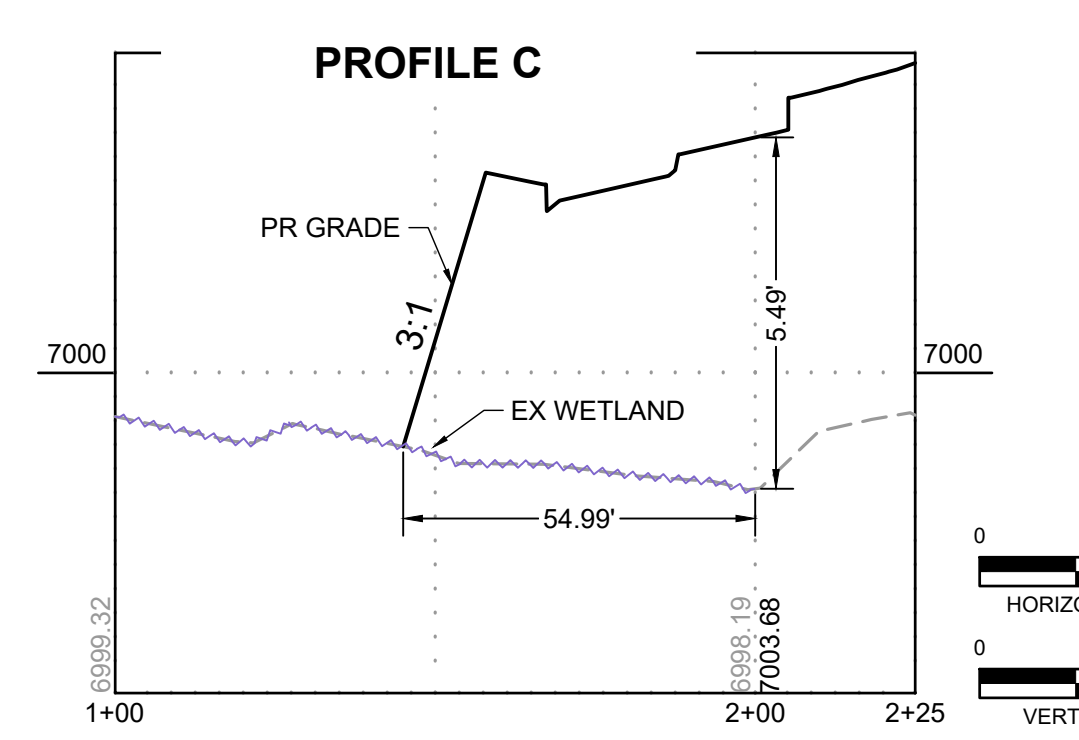
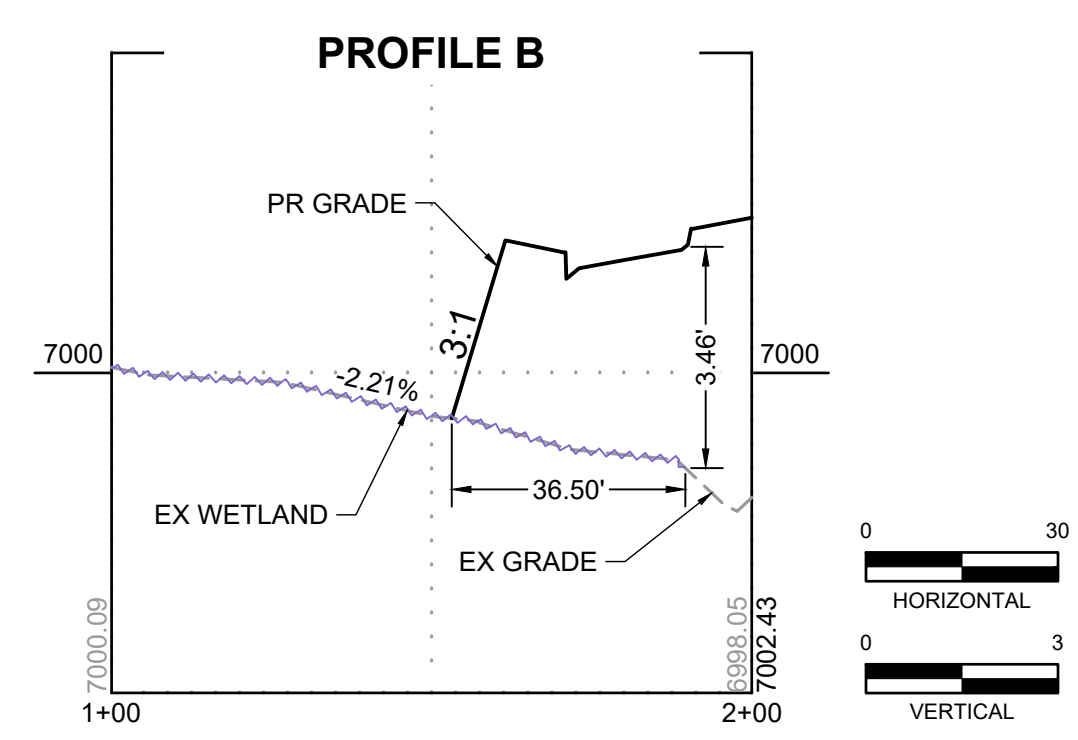
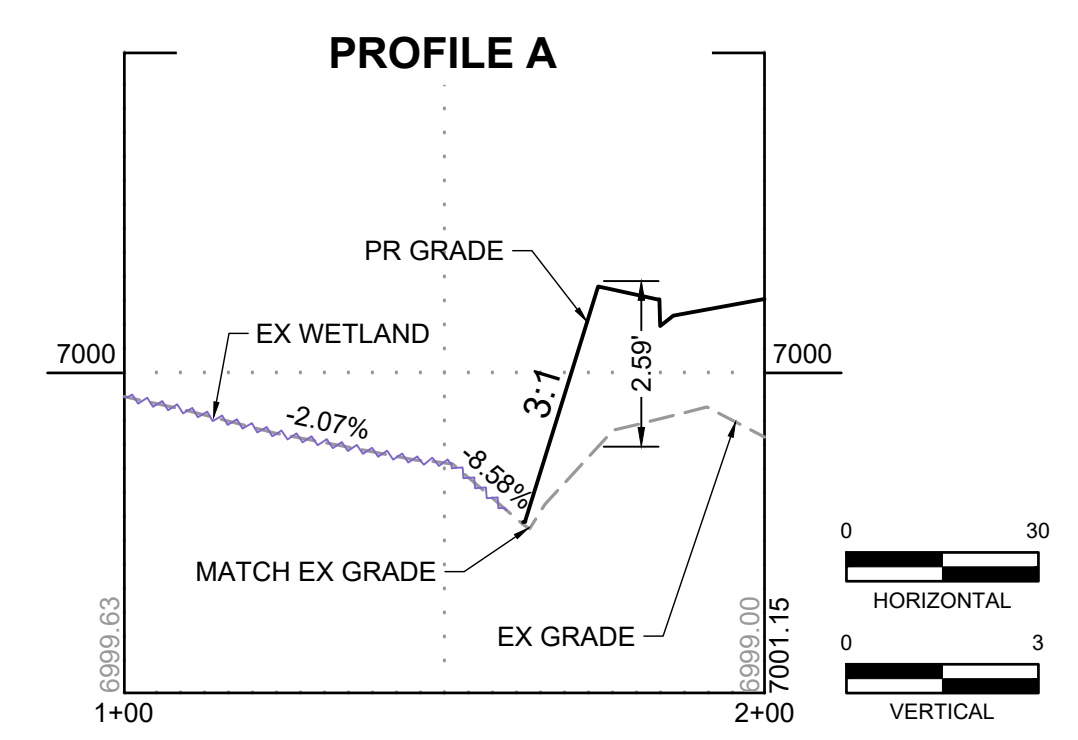
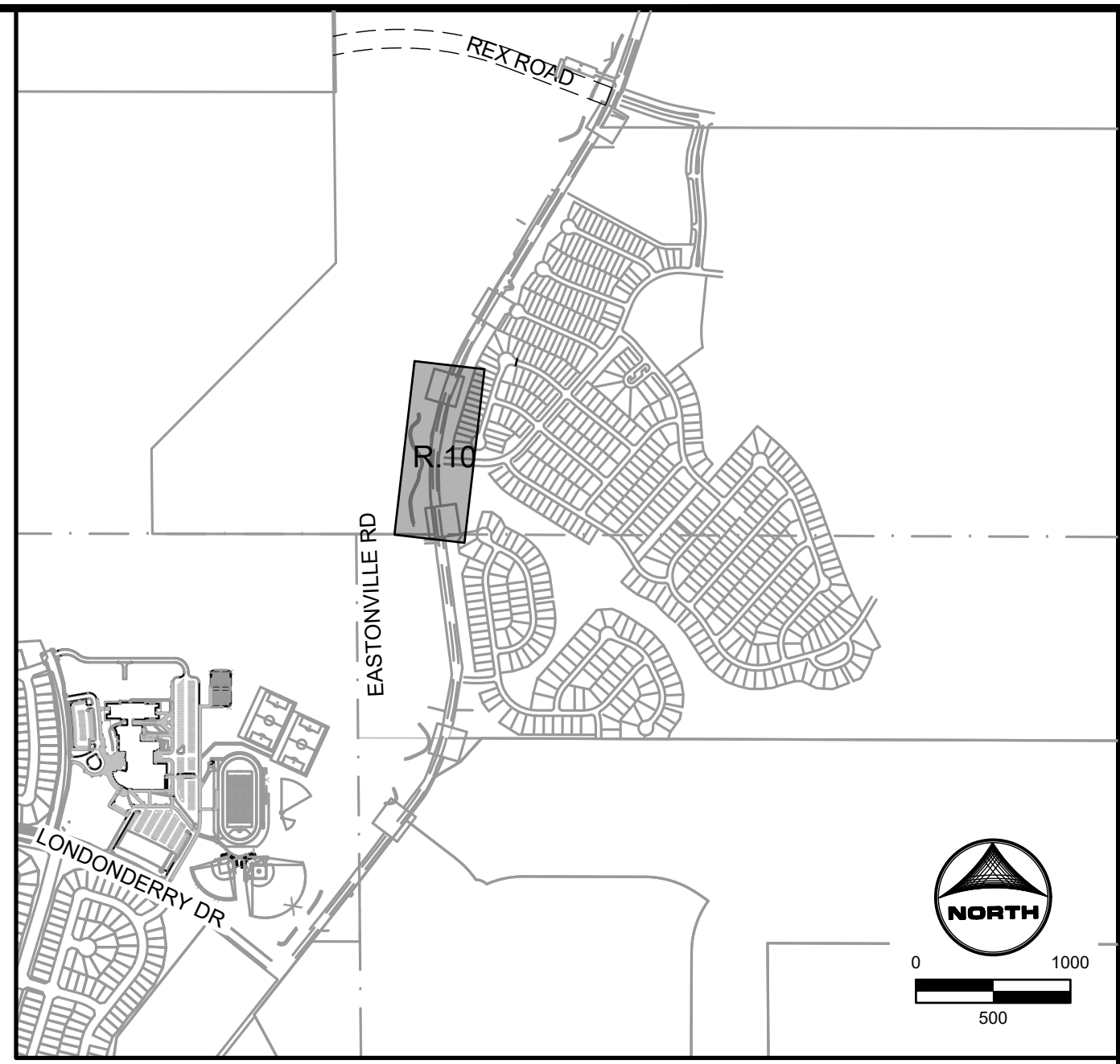
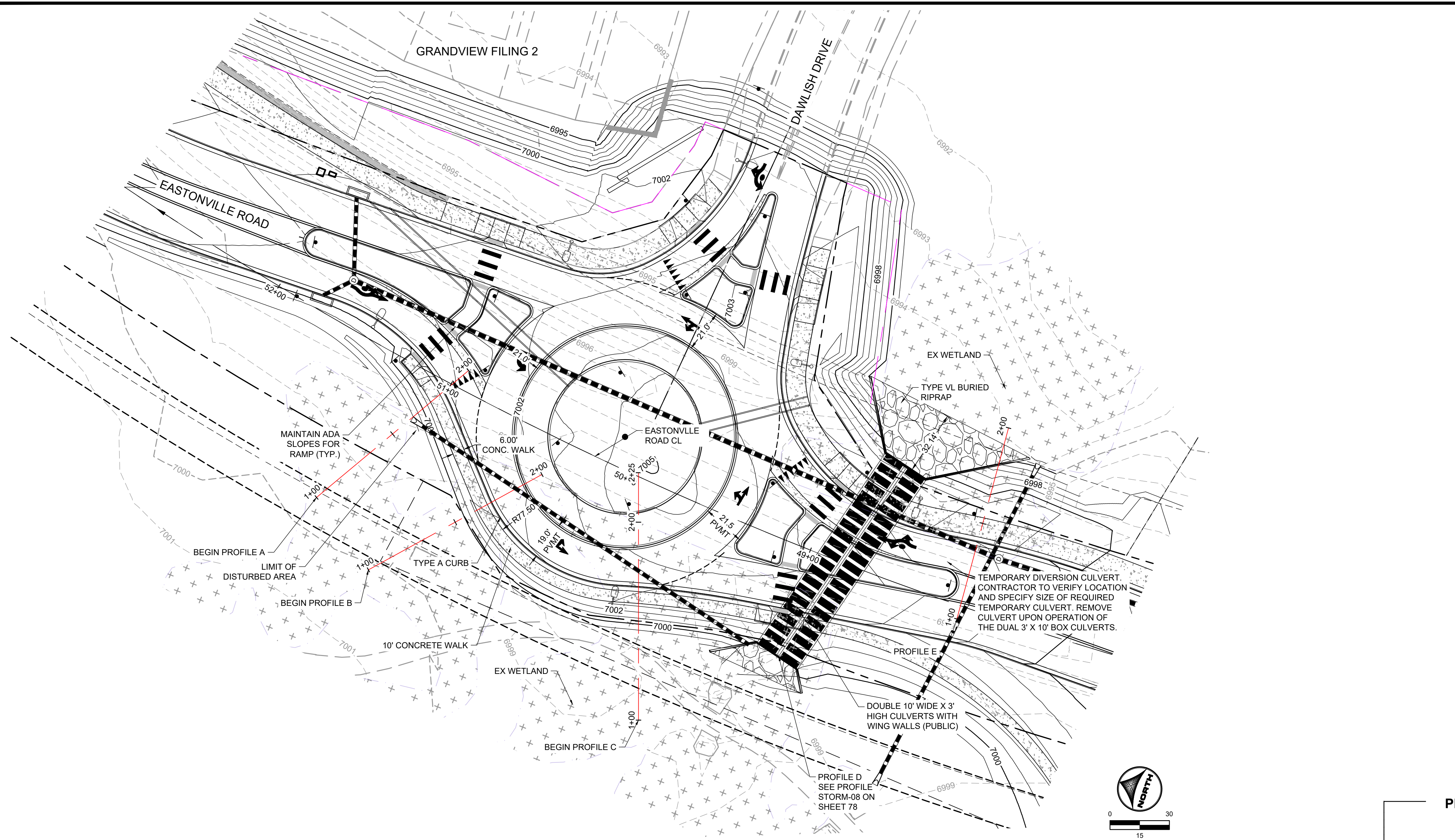
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 DAWLISH ROUNDABOUT DETAILED GRADING II

SHEET
R.5
 61

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SUPPLEMENTAL LEGEND:
 EXISTING WETLANDS

EDARP FILING NO. CDR2321

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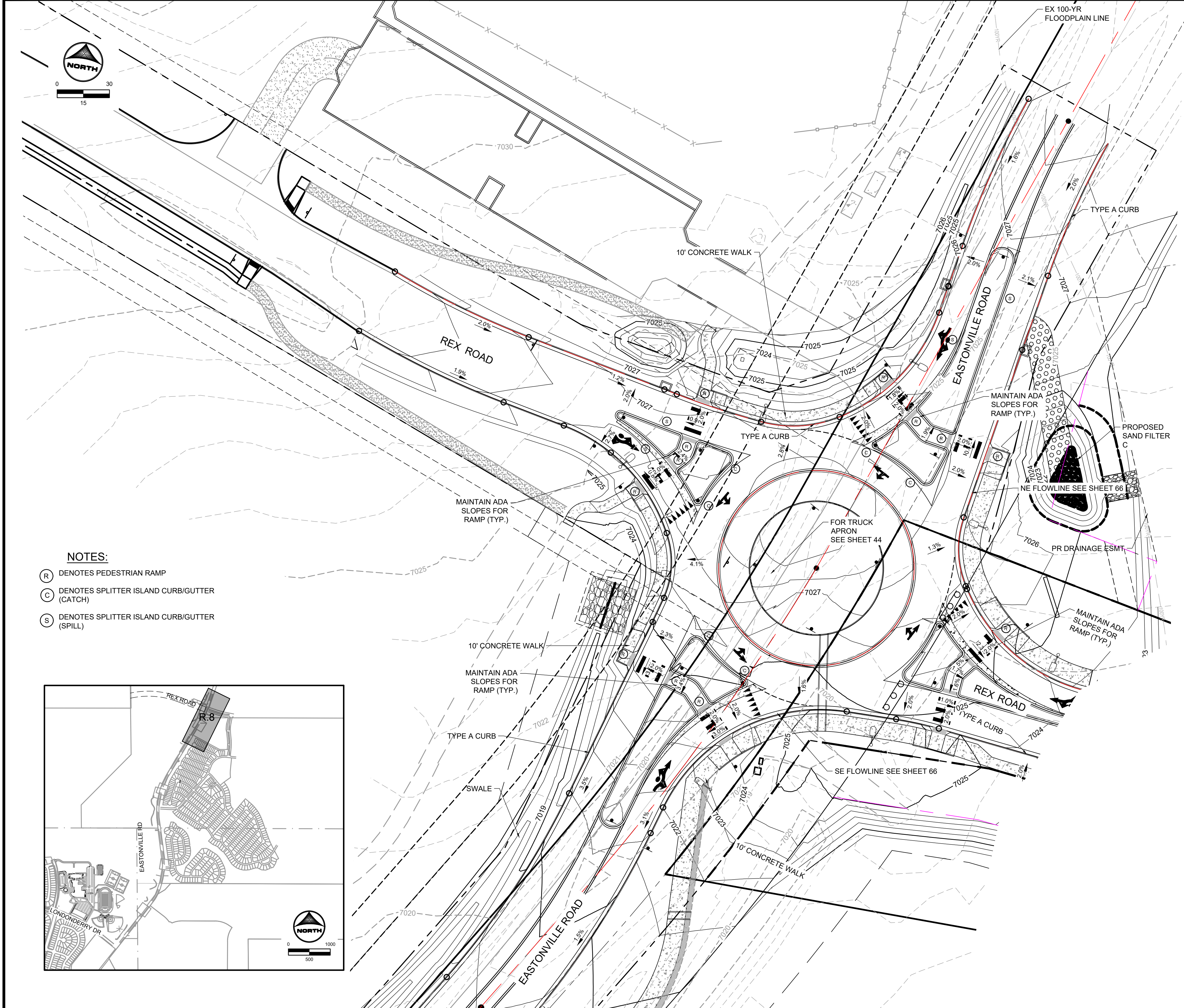
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 America's Builder

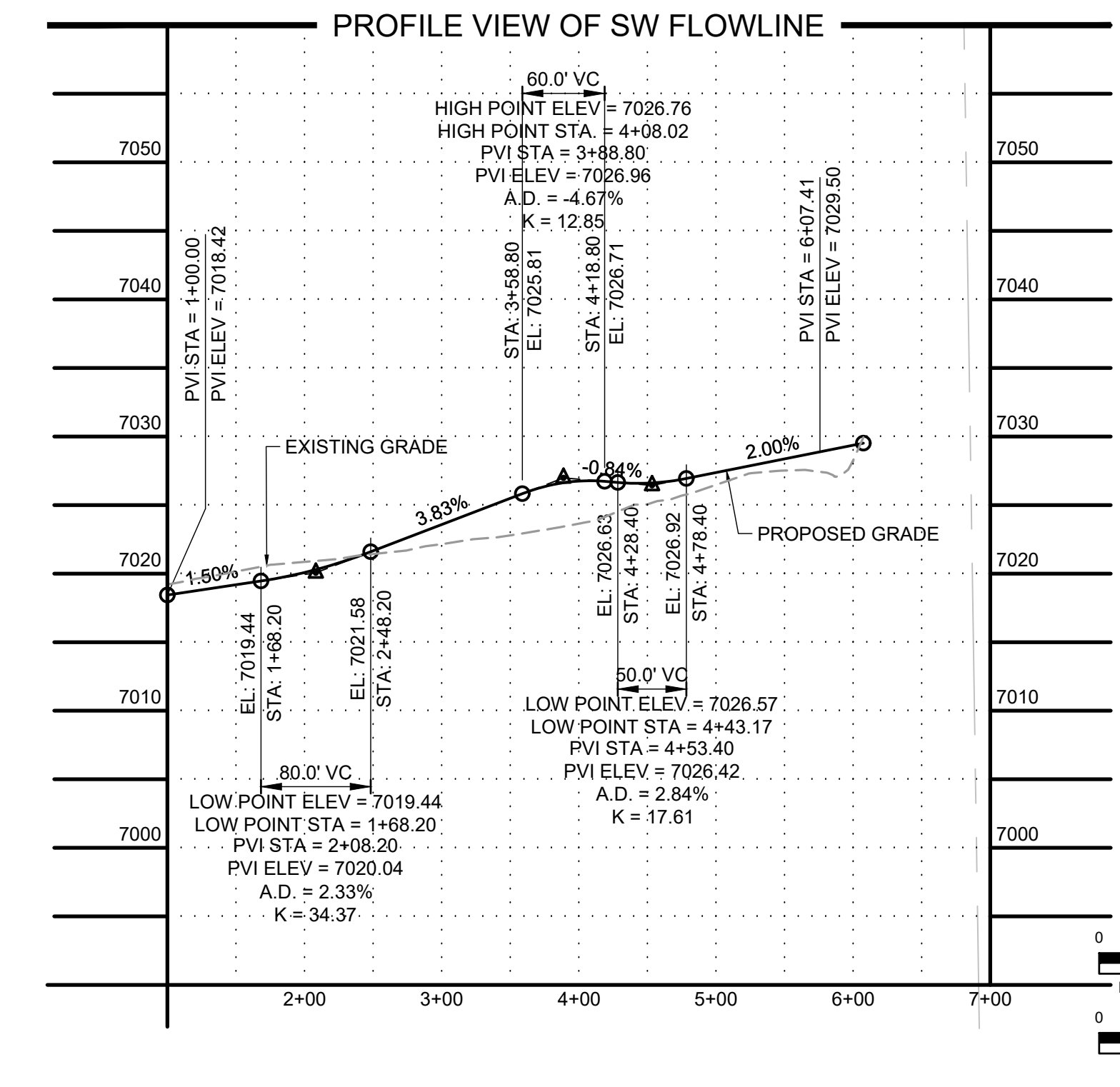
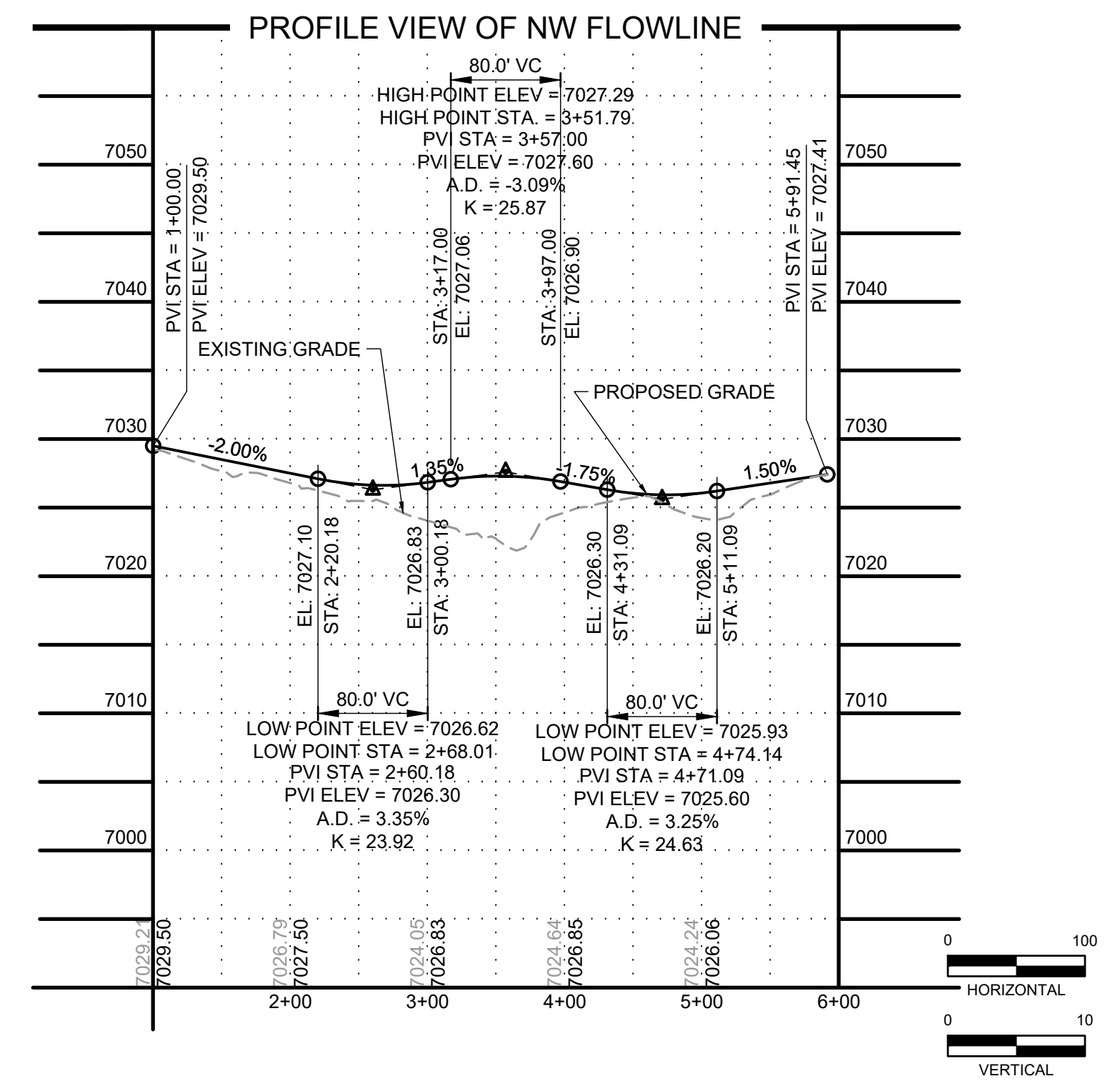
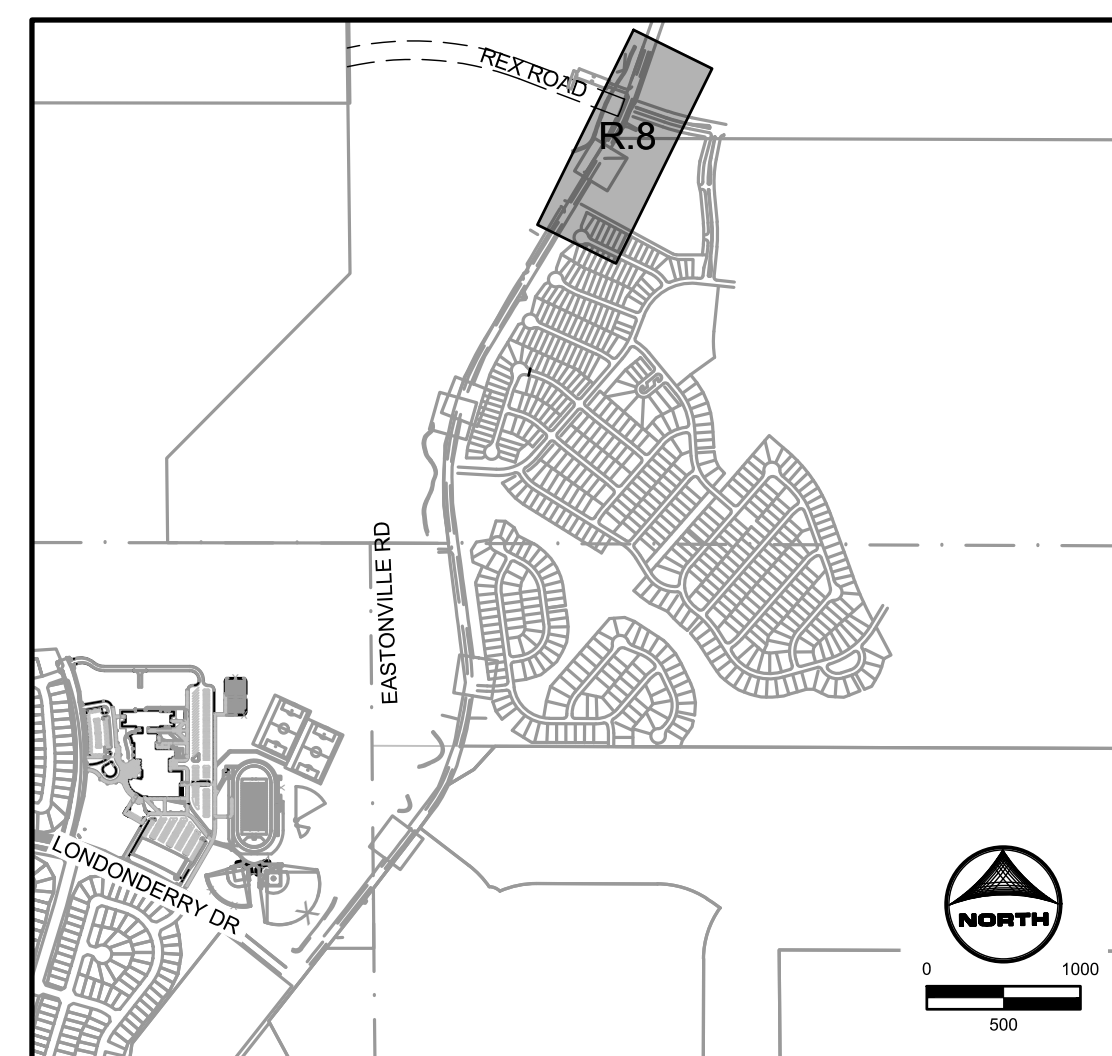
FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 DAWLISH CROSS-SECTIONS THRU WETLANDS

SHEET
R.7
63

HR GREEN xrow_662_08_Eastonville_cd-dgn-662_08_Eastonville_cd-dgn-662_08_MeridianReco-OG_01-XC-PR_100YR_FF_DELINEATION



- NOTES:**
- (R) DENOTES PEDESTRIAN RAMP
 - (C) DENOTES SPLITTER ISLAND CURB/GUTTER (CATCH)
 - (S) DENOTES SPLITTER ISLAND CURB/GUTTER (SPILL)



EDARP FILING NO. CDR2321

DRAWN BY: AXB JOB DATE: 10/30/2024
 APPROVED: CPM JOB NUMBER: 201662.08
 CAD DATE: 1/20/2025
 CAD FILE: J:\2020\201662\CAD\Drawings\CI\Eastonville_Road_662.08\Segment_3\CD\Road_CDs\Roundabout

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HRGreen
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 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

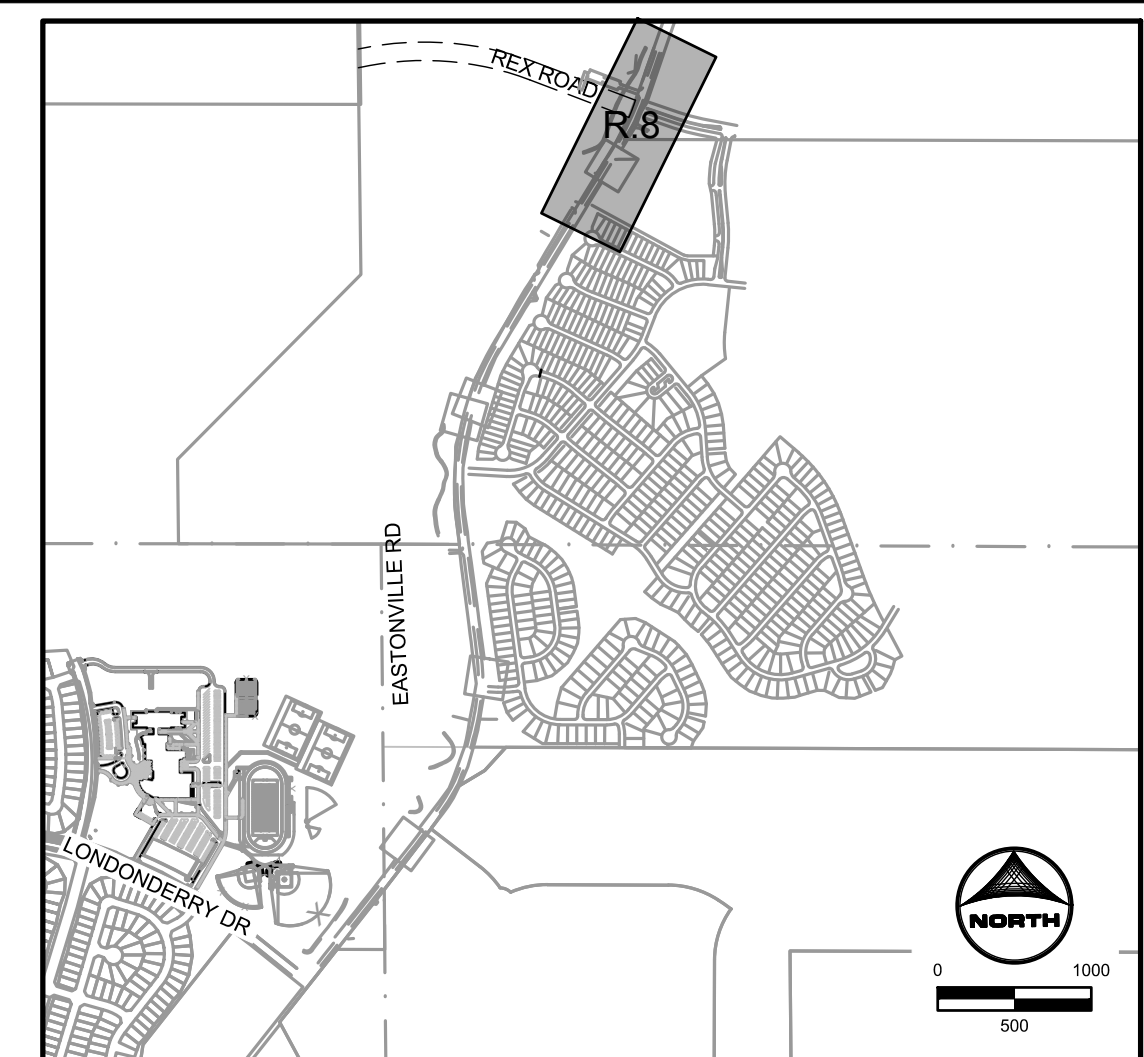
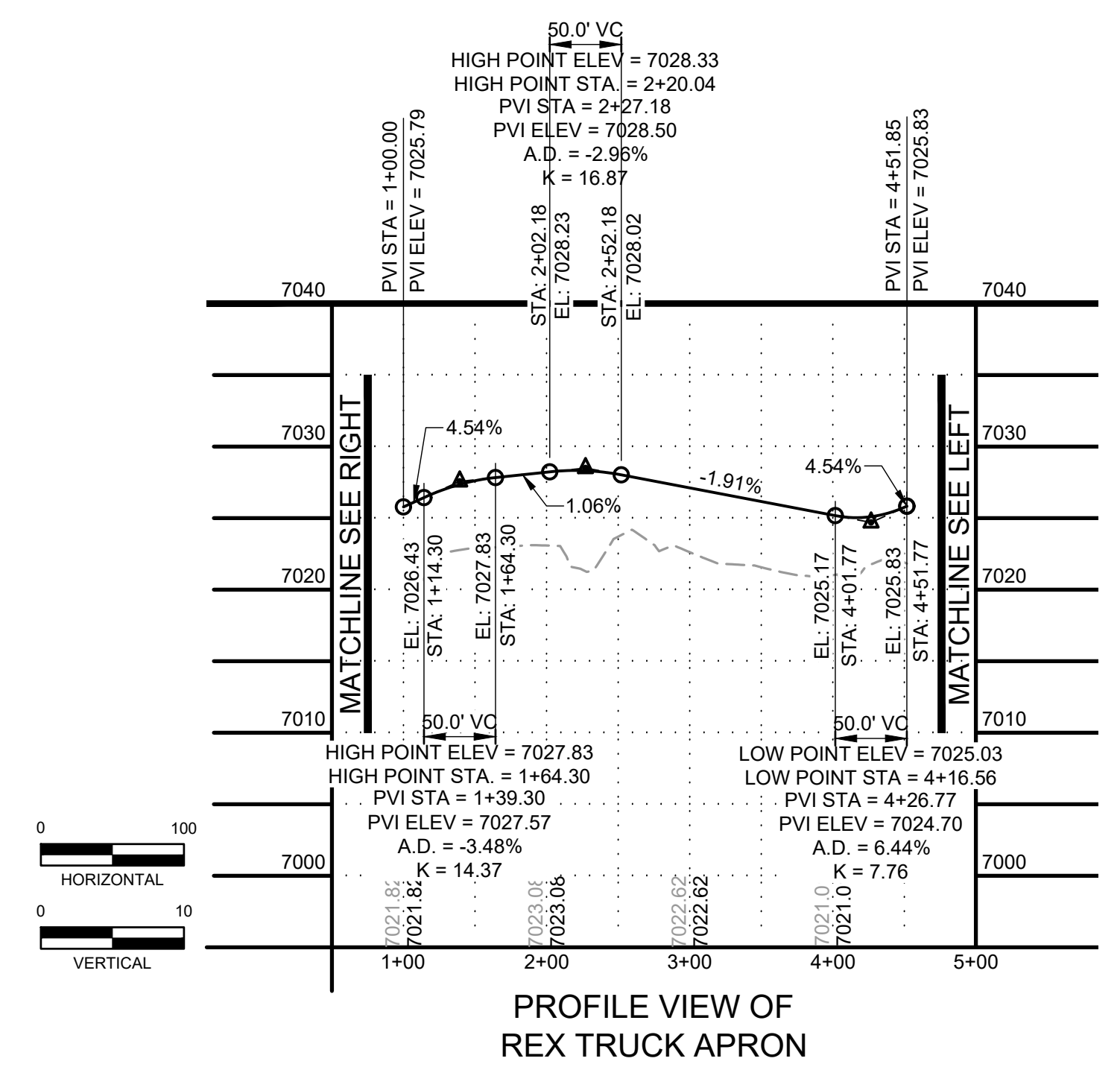
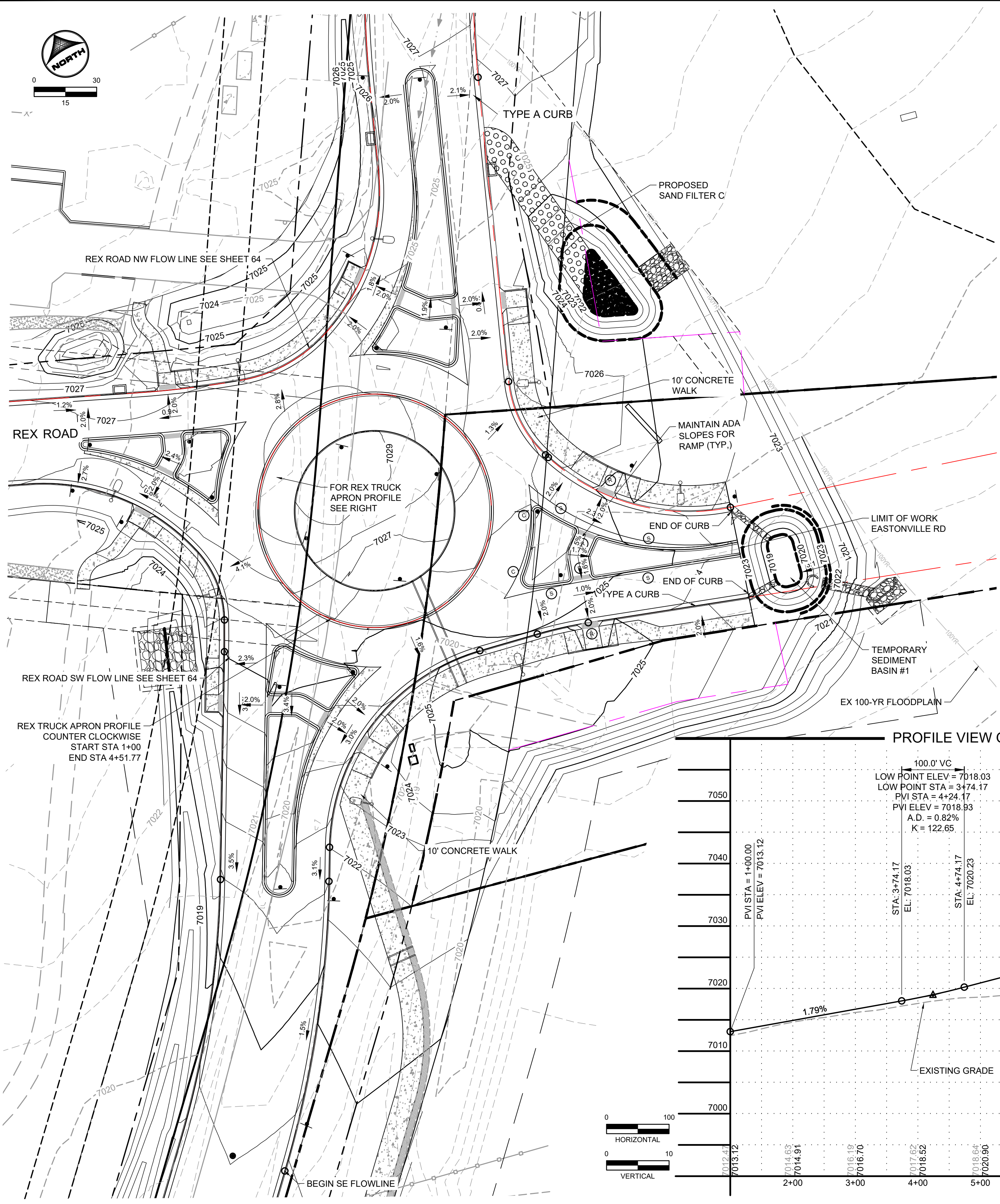
EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO



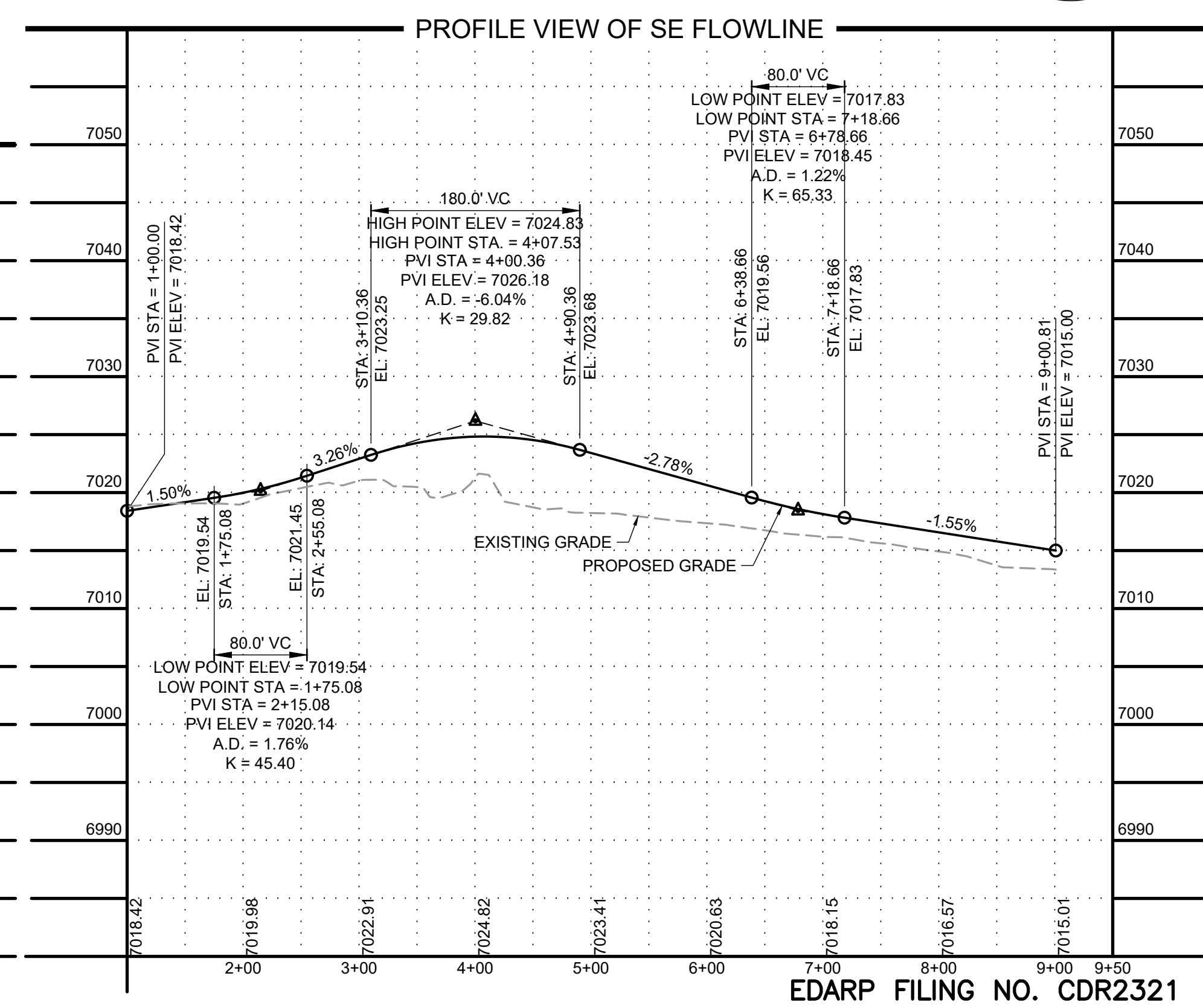
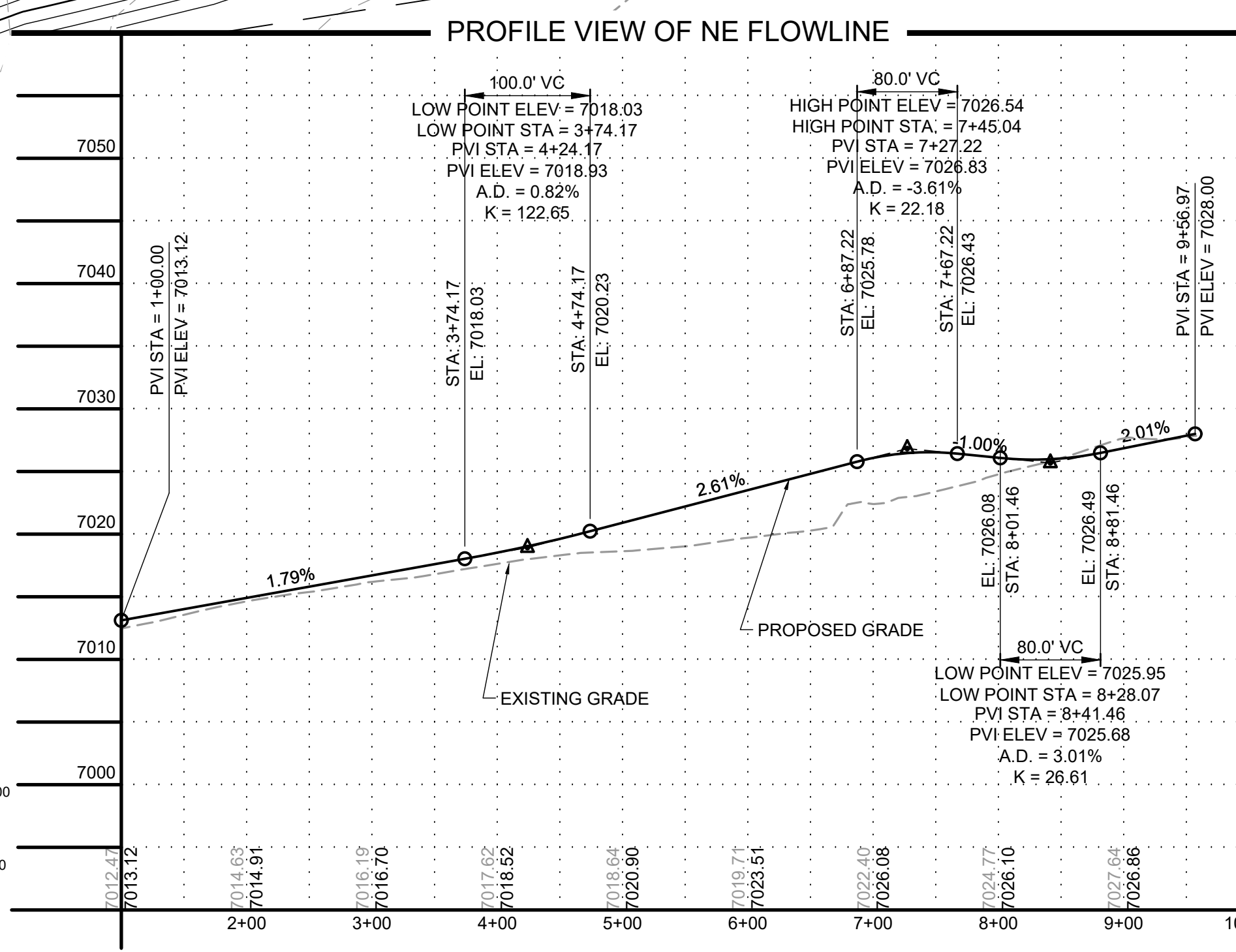
FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 REX ROUNDABOUT GRADING

SHEET
R.9
 65

HR GREEN vfile: xc-row_662_08_Eastonville_cd-Road_PNP_Roundabout-Signage_Roundabout_Curb_Details_ROUNDABOUT-KEY_xc-dgn-662_10_Key-Map_xv-row-662_xv-dgn_662_xc-dgn-662_08_MeridianRee-OG_01-XC-PR_100YR_FF_DELINEATION



- NOTES:**
- (R) DENOTES PEDESTRIAN RAMP
 - (C) DENOTES SPLITTER ISLAND CURB/GUTTER (CATCH)
 - (S) DENOTES SPLITTER ISLAND CURB/GUTTER (SPILL)



DRAWN BY: AXB JOB DATE: 10/30/2024
 APPROVED: CPM JOB NUMBER: 201662.08
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 CAD FILE: J:\2020\201662\CAD\DWG\CIEastonville_Road_662.08\Segment_3\CDI\Road_CDs\Roundabout

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 EL PASO COUNTY, COLORADO

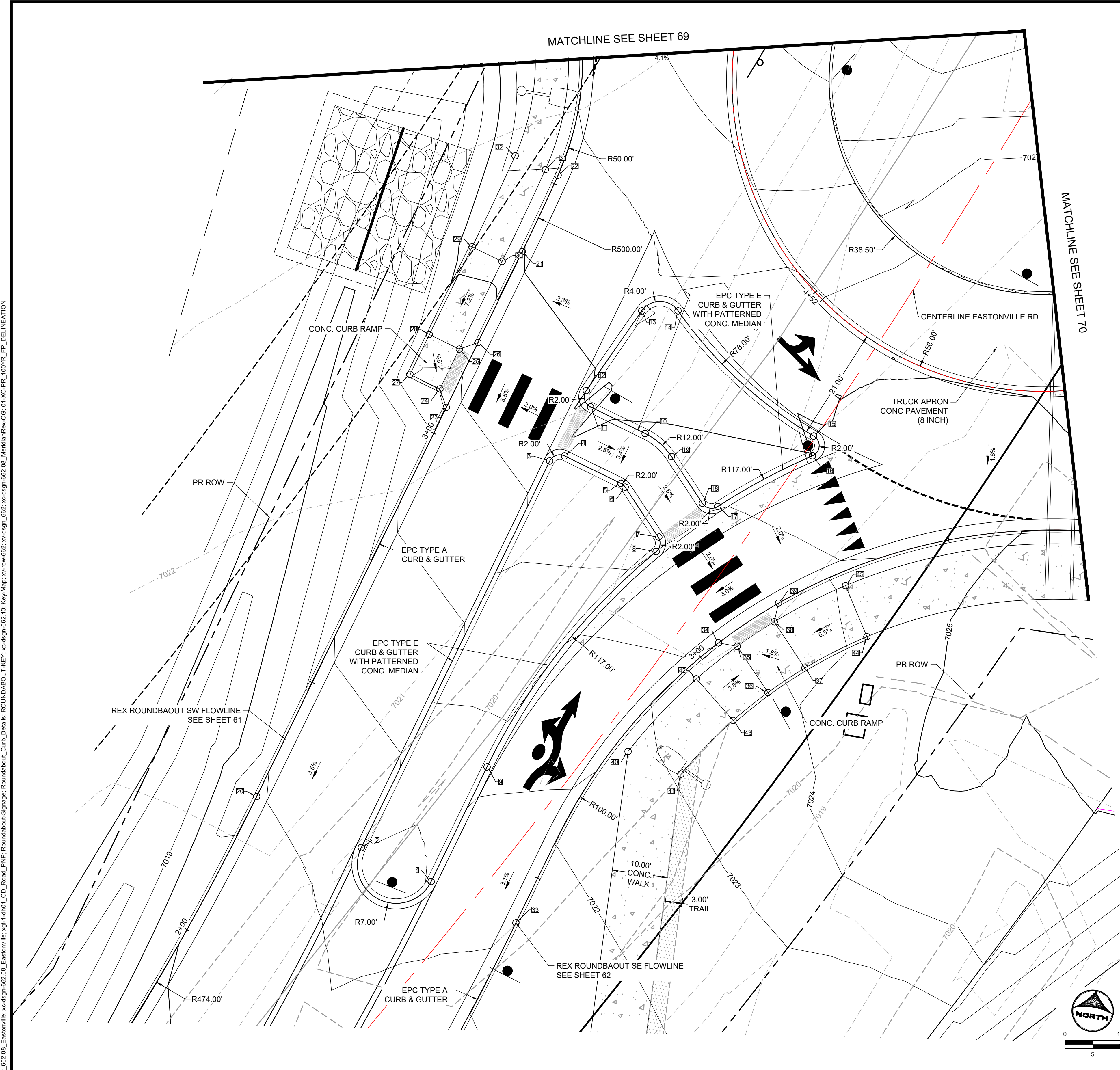
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FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 REX ROUNDABOUT GRADING II

SHEET
R.10
66

EDARP FILING NO. CDR2321

HR GREEN vfile: xc-row_662_08_Eastonville_xc-dgn-662_08_Roundabout_Signage_Roundabout_Curb_Details_ROUNDABOUT-KEY_xc-dgn-662_10_Key-Map_xv-row-662_xv-dgn-662_08_MeridianRec-OG_01-XC-PR_100YR_PP_DELINEATION




POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
1	PC	Eastonville_Road	STA 74+55.35	8.0' L	7021.54
2	PT	Eastonville_Road	STA 74+52.17	21.6' L	7021.91
3	PC	Eastonville_Road	STA 75+29.98	36.9' L	7024.35
4	PT	Eastonville_Road	STA 75+32.35	35.2' L	7024.86
5	PC	Eastonville_Road	STA 75+34.25	24.1' L	7024.58
6	PT	Eastonville_Road	STA 75+34.14	23.1' L	7024.55
7	PC	Eastonville_Road	STA 75+30.28	12.9' L	7024.24
8	PCC	Eastonville_Road	STA 75+27.81	11.8' L	7023.83
9	PT	Eastonville_Road	STA 74+78.00	12.9' L	7022.23
10	PT	Eastonville_Road	STA 75+44.31	25.7' L	7024.92
11	PC	Eastonville_Road	STA 75+42.55	36.5' L	7024.78
12	PT	Eastonville_Road	STA 75+44.58	38.8' L	7025.03
13	PC	Eastonville_Road	STA 75+62.63	38.7' L	7025.96
14	PCC	Eastonville_Road	STA 75+66.42	33.3' L	7025.80
15	PCC	Eastonville_Road	STA 75+61.36	0.4' L	7024.92
16	PCC	Eastonville_Road	STA 75+58.29	1.4' R	7024.96
17	PCC	Eastonville_Road	STA 75+40.99	7.4' L	7024.40
18	PT	Eastonville_Road	STA 75+39.87	10.0' L	7024.52
19	PC	Eastonville_Road	STA 75+43.61	19.4' L	7024.79
20	PT	ROUNDAOUT REX SW FLOWLINE	STA 2+27.11	0.0'	7020.83
21	PC	ROUNDAOUT REX SW FLOWLINE	STA 3+36.40	0.0'	7024.95
22	PCC	ROUNDAOUT REX SW FLOWLINE	STA 3+51.65	0.0'	7025.54
23	HC RAMP	ROUNDAOUT REX SW FLOWLINE	STA 3+05.18	0.0'	7023.76
24	HC RAMP	ROUNDAOUT REX SW FLOWLINE	STA 3+07.65	2.5' L	7023.90
25	HC RAMP	ROUNDAOUT REX SW FLOWLINE	STA 3+15.65	2.5' L	7024.09
26	HC RAMP	ROUNDAOUT REX SW FLOWLINE	STA 3+18.18	0.0'	7024.24
27	HC RAMP	ROUNDAOUT REX SW FLOWLINE	STA 3+07.65	8.5' L	7024.01
28	HC RAMP	ROUNDAOUT REX SW FLOWLINE	STA 3+15.65	8.5' L	7024.09
29	SIDEWALK	ROUNDAOUT REX SW FLOWLINE	STA 3+33.24	8.5' L	7025.41
30	SIDEWALK	ROUNDAOUT REX SW FLOWLINE	STA 3+33.24	2.5' L	7025.29
31	SIDEWALK	ROUNDAOUT REX SW FLOWLINE	STA 3+51.65	2.5' L	7026.00
32	SIDEWALK	ROUNDAOUT REX SW FLOWLINE	STA 3+51.65	8.5' L	7026.12
33	PC	ROUNDAOUT REX SE FLOWLINE	STA 2+41.05	0.0'	7021.01
34	HC RAMP	ROUNDAOUT REX SE FLOWLINE	STA 3+04.13	0.0'	7023.05
35	HC RAMP	ROUNDAOUT REX SE FLOWLINE	STA 3+06.51	2.5' R	7023.14
36	HC RAMP	ROUNDAOUT REX SE FLOWLINE	STA 3+06.05	12.5' R	7023.28
37	HC RAMP	ROUNDAOUT REX SE FLOWLINE	STA 3+15.19	12.5' R	7023.36
38	HC RAMP	ROUNDAOUT REX SW FLOWLINE	STA 2+96.33	70.1' R	7023.29
39	HC RAMP	ROUNDAOUT REX SE FLOWLINE	STA 3+17.13	0.0'	7023.30
40	SIDEWALK	ROUNDAOUT REX SE FLOWLINE	STA 2+78.38	2.5' R	7022.76
41	SIDEWALK	ROUNDAOUT REX SE FLOWLINE	STA 2+81.42	12.5' R	7023.08
42	SIDEWALK	ROUNDAOUT REX SE FLOWLINE	STA 2+96.85	2.5' R	7023.44
43	SIDEWALK	ROUNDAOUT REX SE FLOWLINE	STA 2+96.85	12.5' R	7023.64
44	SIDEWALK	ROUNDAOUT REX SE FLOWLINE	STA 3+29.53	12.5' R	7024.30
45	SIDEWALK	ROUNDAOUT REX SW FLOWLINE	STA 3+07.84	78.8' R	7024.10



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 APPROVED: CPM JOB NUMBER: 201662.08 0" = 1"
 CAD DATE: 1/20/2025 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
 CAD FILE: J:\2020\201662\CAD\Drawings\Eastonville_Road_662.08\Segment_3\CD\Road_CDs\Roundabout_grading_and_signs.dwg

NO.	DATE	BY	REVISION DESCRIPTION


HRGreen
 HR GREEN - COLORADO SPRINGS
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 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

D-R HORTON
America's Builder

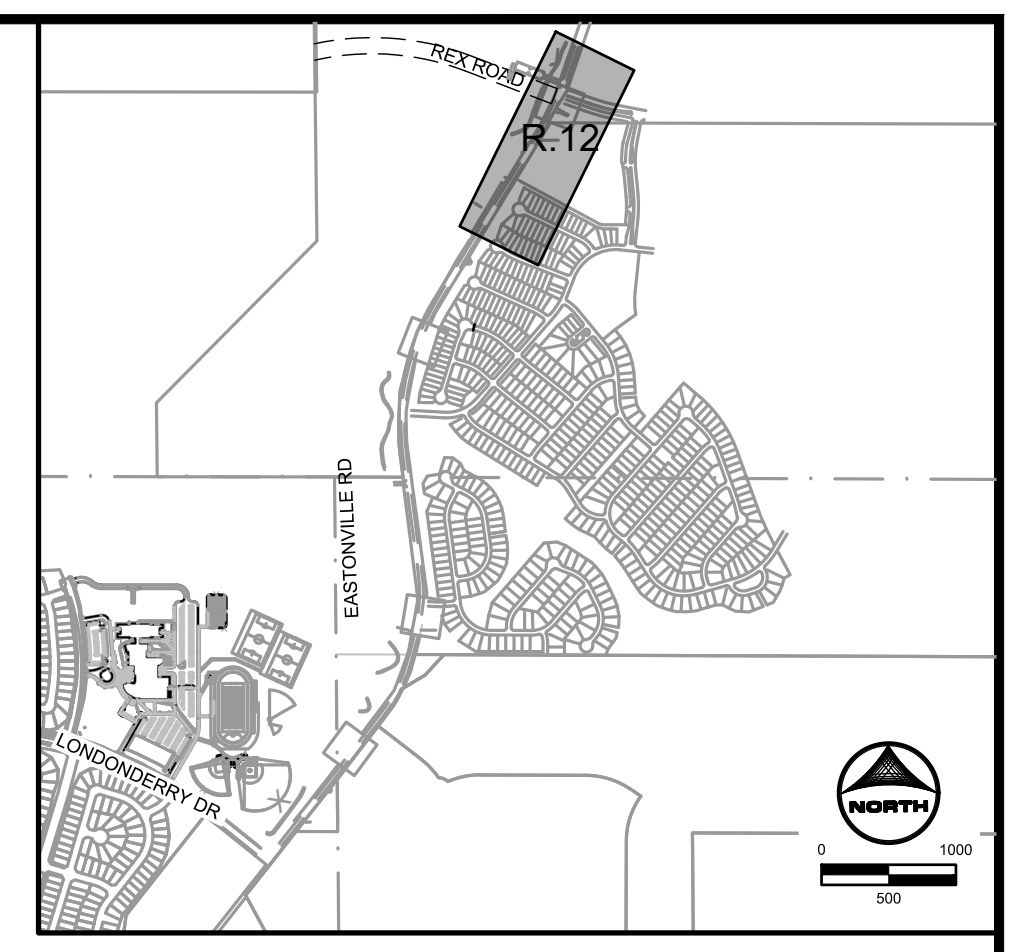
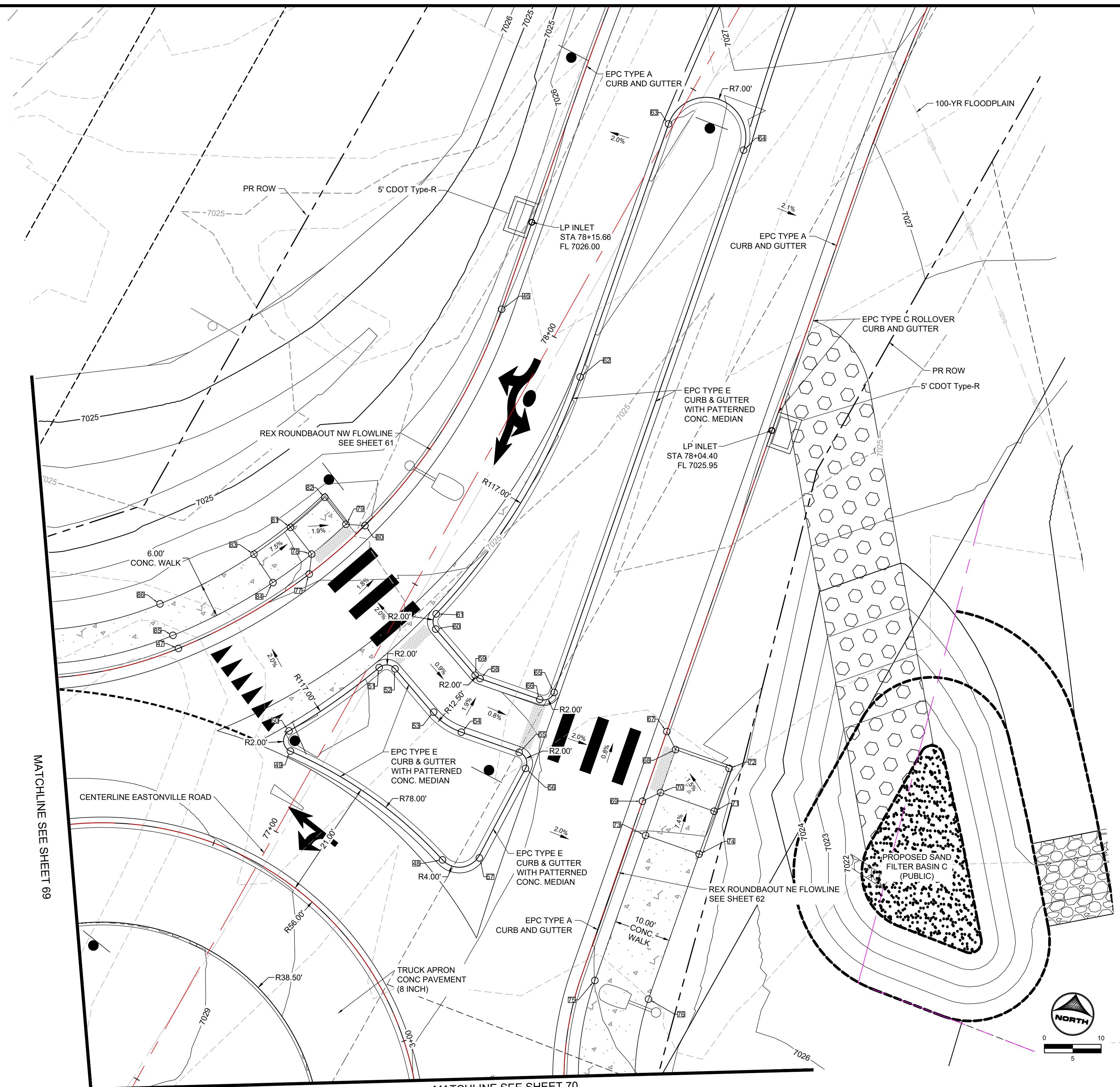
FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
REX ROUNDAOUT DETAILED GRADING I

SHEET
R.11 **67**

EDARP FILING NO. CDR2321



HR GREEN vfile: xc:row_662_08_Eastonville_xc:design:662_08_Roundabout_Signage_Roundabout_Curb_Details_ROUNDABOUTKEY_xc:design:662_10_Key_Map_xc:row:662_xv:sign_662_xc:design:662_08_MeridianRe:OG_01-XC-PR_100YR_FP_DELINEATION



POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL. EL.
46	PT	ROUNDBAOUT REX NW FLOWLINE	STA 4+58.42	0.0'	7025.98
47	PC	ROUNDBAOUT REX NW FLOWLINE	STA 3+73.35	0.0'	7027.20
48	PCC	ROUNDBAOUT REX NE FLOWLINE	STA 7+38.10	29.8' R	7027.10
49	PCC	ROUNDBAOUT REX NW FLOWLINE	STA 3+82.59	24.7' R	7027.71
50	PCC	ROUNDBAOUT REX NW FLOWLINE	STA 3+83.78	21.4' R	7027.73
51	PCC	ROUNDBAOUT REX NW FLOWLINE	STA 3+99.81	20.6' R	7027.95
52	PT	ROUNDBAOUT REX NW FLOWLINE	STA 4+01.52	22.5' R	7027.73
53	PC	ROUNDBAOUT REX NW FLOWLINE	STA 4+02.01	32.7' R	7027.54
54	PT	ROUNDBAOUT REX NE FLOWLINE	STA 7+60.43	34.1' L	7027.56
55	PC	ROUNDBAOUT REX NE FLOWLINE	STA 7+60.43	23.3' L	7027.45
56	PT	ROUNDBAOUT REX NE FLOWLINE	STA 7+58.13	21.4' L	7027.11
57	PC	ROUNDBAOUT REX NE FLOWLINE	STA 7+40.57	23.8' L	7027.42
58	PC	ROUNDBAOUT REX NE FLOWLINE	STA 7+70.43	34.1' L	7027.42
59	PT	ROUNDBAOUT REX NW FLOWLINE	STA 4+09.38	32.5' R	7027.42
60	PC	ROUNDBAOUT REX NW FLOWLINE	STA 4+09.71	21.8' R	7027.53
61	PCC	ROUNDBAOUT REX NW FLOWLINE	STA 4+11.27	19.9' R	7027.55
62	PT	ROUNDBAOUT REX NW FLOWLINE	STA 4+52.70	17.2' R	7026.55
63	PC	ROUNDBAOUT REX NW FLOWLINE	STA 4+98.94	17.0' R	7026.58
64	PT	ROUNDBAOUT REX NE FLOWLINE	STA 8+73.61	21.0' L	7026.95
65	PC	ROUNDBAOUT REX NE FLOWLINE	STA 7+72.43	21.0' L	7026.98
66	PT	ROUNDBAOUT REX NE FLOWLINE	STA 7+70.43	23.0' L	7027.31
67	HC RAMP	ROUNDBAOUT REX NE FLOWLINE	STA 7+72.47	0.0'	7026.37
68	HC RAMP	ROUNDBAOUT REX NE FLOWLINE	STA 7+69.97	2.5' R	7026.44
69	HC RAMP	ROUNDBAOUT REX NE FLOWLINE	STA 7+59.47	0.0'	7026.49
70	HC RAMP	ROUNDBAOUT REX NE FLOWLINE	STA 7+61.97	2.5' R	7026.52
71	HC RAMP	ROUNDBAOUT REX NE FLOWLINE	STA 7+61.97	12.5' R	7026.63
72	HC RAMP	ROUNDBAOUT REX NE FLOWLINE	STA 7+69.97	12.5' R	7026.51
73	SIDEWALK	ROUNDBAOUT REX NE FLOWLINE	STA 7+53.97	2.5' R	7027.06
74	SIDEWALK	ROUNDBAOUT REX NE FLOWLINE	STA 7+53.97	12.5' R	7027.26
75	SIDEWALK	ROUNDBAOUT REX NE FLOWLINE	STA 7+26.90	2.5' R	7027.00
76	SIDEWALK	ROUNDBAOUT REX NE FLOWLINE	STA 7+26.90	12.5' R	7027.20
77	HC RAMP	ROUNDBAOUT REX NW FLOWLINE	STA 3+99.95	0.0'	7026.85
78	HC RAMP	ROUNDBAOUT REX NW FLOWLINE	STA 4+02.47	2.5' L	7026.85
79	HC RAMP	ROUNDBAOUT REX NW FLOWLINE	STA 4+10.69	2.5' L	7026.71
80	HC RAMP	ROUNDBAOUT REX NW FLOWLINE	STA 4+12.96	0.0'	7026.62
81	HC RAMP	ROUNDBAOUT REX NW FLOWLINE	STA 4+02.54	8.5' L	7026.89
82	HC RAMP	ROUNDBAOUT REX NW FLOWLINE	STA 4+11.29	8.5' L	7026.80
83	SIDEWALK	ROUNDBAOUT REX NW FLOWLINE	STA 3+93.78	8.5' L	7027.53
84	SIDEWALK	ROUNDBAOUT REX NW FLOWLINE	STA 3+93.78	2.5' L	7027.41
85	SIDEWALK	ROUNDBAOUT REX NW FLOWLINE	STA 3+73.35	2.5' L	7027.66
86	SIDEWALK	ROUNDBAOUT REX NW FLOWLINE	STA 3+73.35	8.5' L	7027.78

MATCHLINE SEE SHEET 69

MATCHLINE SEE SHEET 70

DRAWN BY: AXB JOB DATE: 10/30/2024 BAR IS ONE INCH ON OFFICIAL DRAWINGS: 1" = 0' IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
 APPROVED: CPM JOB NUMBER: 201662.08
 CAD DATE: 1/20/2025
 CAD FILE: J:\2020\201662\CAD\Drawings\Eastonville_Road_662.08\Segment_3\CD\Road_CDs\Roundabout_gradings_and_signs

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HRGreen
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 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
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EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

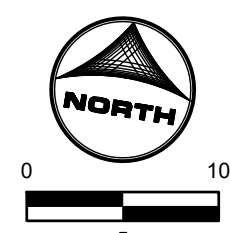
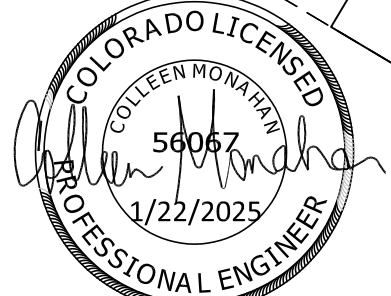
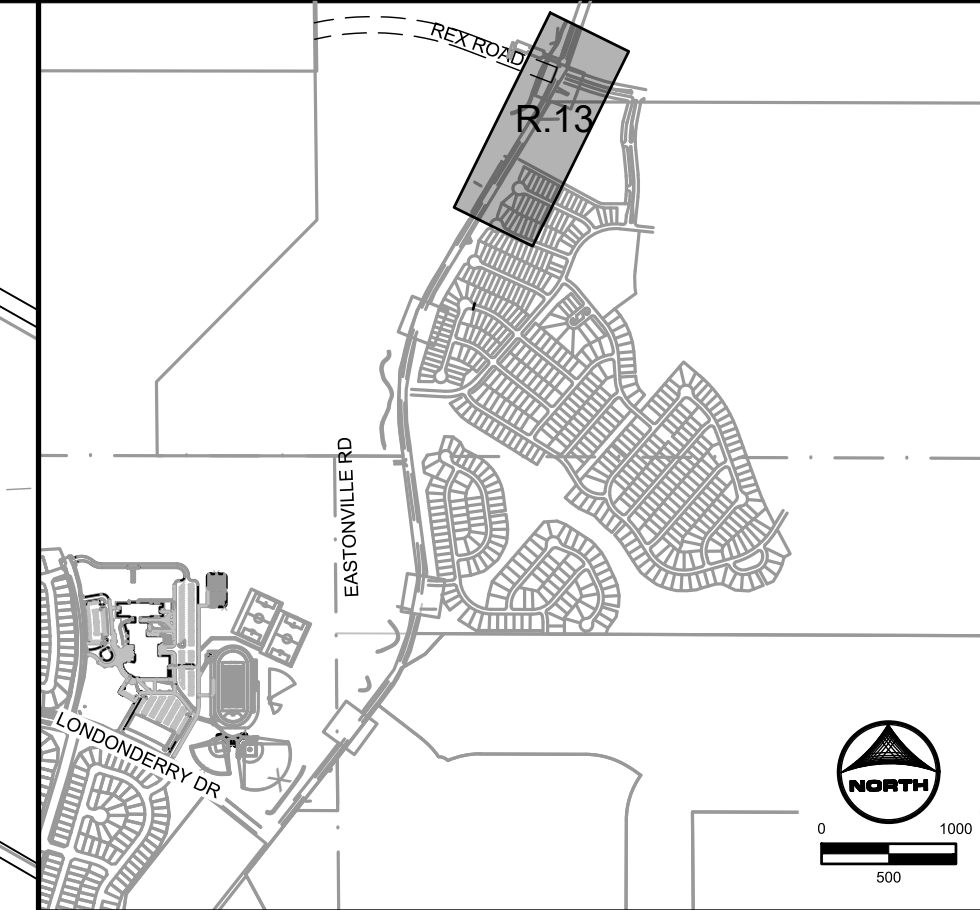
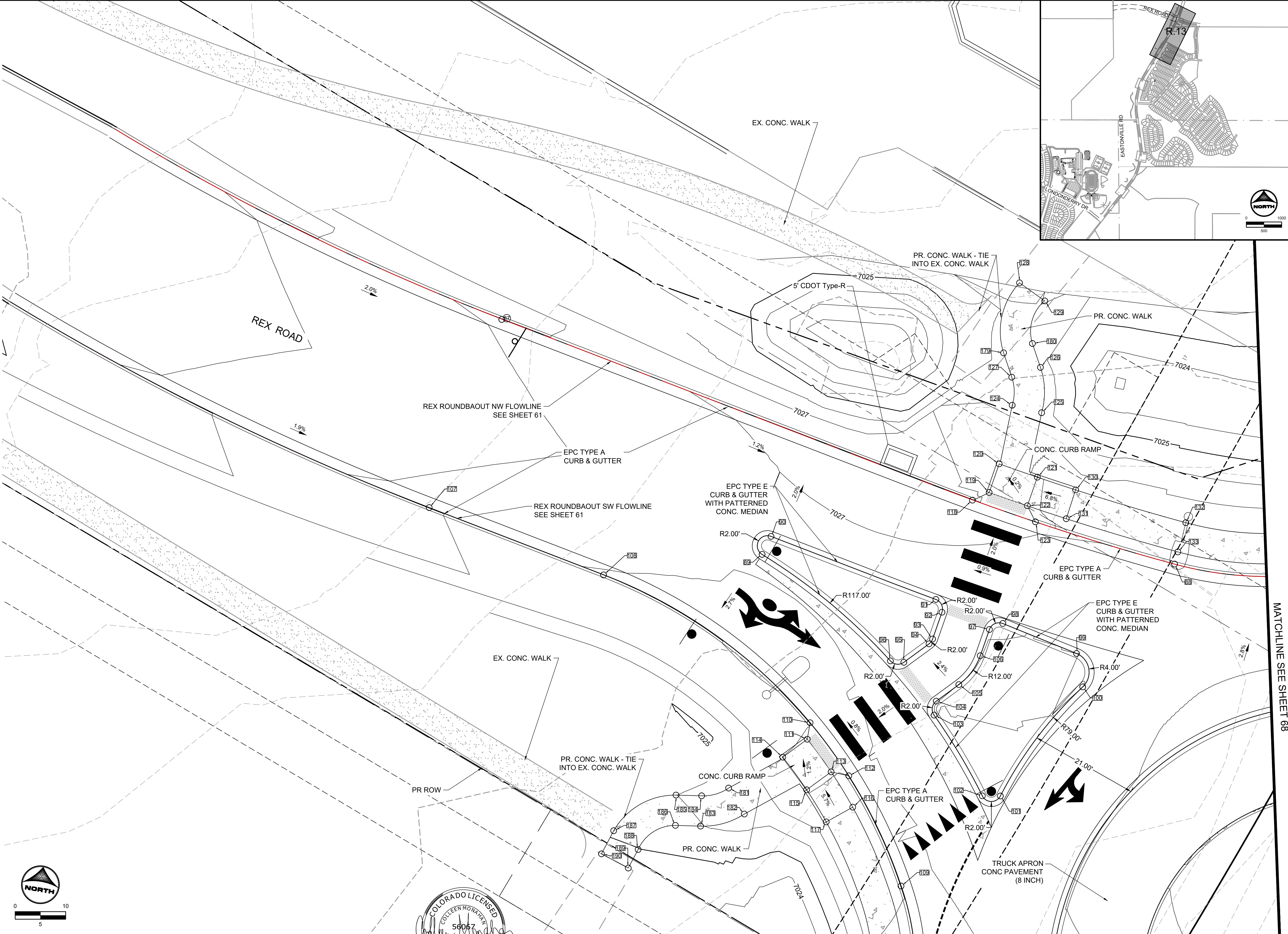
FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 REX ROUNDABOUT DETAILED GRADING I

SHEET
R.12 **68**

EDARP FILING NO. CDR2321



POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
87	PT	ROUNDBABOUT REX NW FLOWLINE	STA 1+85.51	0.1' R	7027.80
88	PC	ROUNDBABOUT REX NW FLOWLINE	STA 3+27.33	0.0'	7027.18
89	PC	ROUNDBABOUT REX SW FLOWLINE	STA 4+54.05	18.4' R	7027.16
90	PT	ROUNDBABOUT REX NW FLOWLINE	STA 2+50.70	21.0' R	7027.35
91	PC	ROUNDBABOUT REX NW FLOWLINE	STA 2+85.28	21.0' R	7027.29
92	PT	ROUNDBABOUT REX NW FLOWLINE	STA 2+87.19	23.0' R	7027.66
93	PC	ROUNDBABOUT REX NW FLOWLINE	STA 2+87.24	28.6' R	7027.73
94	PT	ROUNDBABOUT REX SW FLOWLINE	STA 4+24.55	28.1' R	7027.77
95	PC	ROUNDBABOUT REX SW FLOWLINE	STA 4+24.74	22.0' R	7027.69
96	PCC	ROUNDBABOUT REX SW FLOWLINE	STA 4+26.30	20.1' R	7027.65
97	PC	ROUNDBABOUT REX NW FLOWLINE	STA 2+96.75	23.1' R	7027.79
98	PT	ROUNDBABOUT REX NW FLOWLINE	STA 2+98.78	21.1' R	7027.43
99	PC	ROUNDBABOUT REX NW FLOWLINE	STA 3+13.85	22.4' R	7027.67
100	PCC	ROUNDBABOUT REX NW FLOWLINE	STA 3+16.77	28.4' R	7027.58
101	PCC	ROUNDBABOUT REX SW FLOWLINE	STA 3+98.29	24.7' R	7027.76
102	PT	ROUNDBABOUT REX SW FLOWLINE	STA 3+99.48	21.5' R	7027.36
103	PC	ROUNDBABOUT REX SW FLOWLINE	STA 4+14.86	20.7' R	7027.81
104	PT	ROUNDBABOUT REX SW FLOWLINE	STA 4+16.56	22.6' R	7027.89
105	PC	ROUNDBABOUT REX SW FLOWLINE	STA 4+16.74	28.1' R	7028.02
106	PT	ROUNDBABOUT REX NW FLOWLINE	STA 2+96.70	28.6' R	7027.89
107	PT	ROUNDBABOUT REX SW FLOWLINE	STA 5+14.81	0.0'	7027.65
108	PT	ROUNDBABOUT REX SW FLOWLINE	STA 4+77.80	0.0' L	7027.00
109	PC	ROUNDBABOUT REX SW FLOWLINE	STA 3+89.73	0.0' L	7026.69
110	HC RAMP	ROUNDBABOUT REX SW FLOWLINE	STA 4+26.96	0.0'	7026.64
111	HC RAMP	ROUNDBABOUT REX SW FLOWLINE	STA 4+24.75	2.5' L	7026.81
112	HC RAMP	ROUNDBABOUT REX SW FLOWLINE	STA 4+13.94	0.0'	7026.74
113	HC RAMP	ROUNDBABOUT REX SW FLOWLINE	STA 4+16.54	2.5' L	7026.91
114	HC RAMP	ROUNDBABOUT REX SW FLOWLINE	STA 4+25.02	8.5' L	7026.89
115	HC RAMP	ROUNDBABOUT REX SW FLOWLINE	STA 4+16.27	8.5' L	7026.94
116	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+08.13	2.5' L	7027.25
117	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+08.13	8.5' L	7027.49
118	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+85.34	0.1' R	7026.69
119	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+87.95	2.5' L	7026.75
120	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+87.90	8.5' L	7026.82
121	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+96.04	8.5' L	7026.92
122	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+95.99	2.5' L	7026.83
123	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+98.54	0.0' L	7026.81
124	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+86.35	20.3' L	7026.64
125	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+92.58	20.8' L	7026.64
126	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+89.21	29.2' L	7026.51
127	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+84.27	25.5' L	7026.56
128	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+78.80	43.5' L	???
129	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+85.30	41.9' L	7025.96
130	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 3+04.18	8.5' L	7027.46
131	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 3+04.15	2.5' L	7027.34
132	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 3+27.33	8.5' L	7027.76
133	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 3+27.33	2.5' L	7027.64
179	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+80.88	29.4' L	7026.35
180	SIDEWALK	ROUNDBABOUT REX NW FLOWLINE	STA 2+85.91	33.1' L	7026.32
181	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+27.45	20.7' L	7026.63
182	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+19.90	21.4' L	7026.58
183	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+24.34	29.7' L	7025.95
184	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+30.50	25.7' L	7026.29
185	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+35.46	29.3' L	7025.99
186	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+29.16	33.5' L	7025.61
187	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+41.87	42.9' L	7025.09
188	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+31.34	42.2' L	7024.98
189	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+28.73	46.1' L	???
190	SIDEWALK	ROUNDBABOUT REX SW FLOWLINE	STA 4+39.51	47.9' L	7024.78



MATCHLINE SEE SHEET 67
 EDARP FILING NO. CDR2321

DRAWN BY: AXB JOB DATE: 10/30/2024 BAR IS ONE INCH ON OFFICIAL DRAWINGS.
 APPROVED: CPM JOB NUMBER: 201662.08
 CAD DATE: 1/20/2025
 CAD FILE: J:\2020\201662\CAD\Drawings\Eastonville_Road_662.08\Segment_3\CD\Road_CDs\Roundabout

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

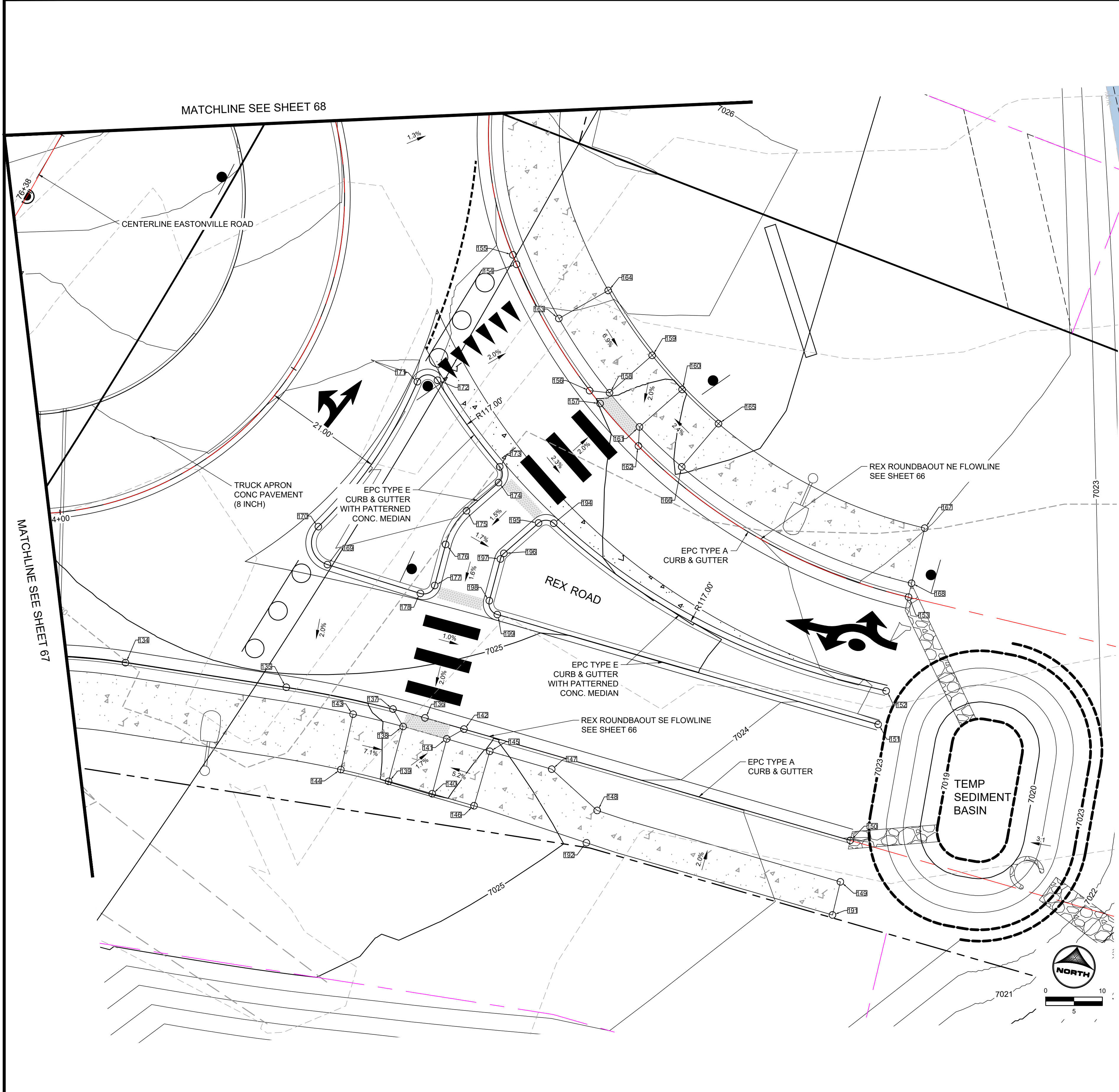
EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO
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FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 REX ROUNDABOUT DETAILED GRADING II

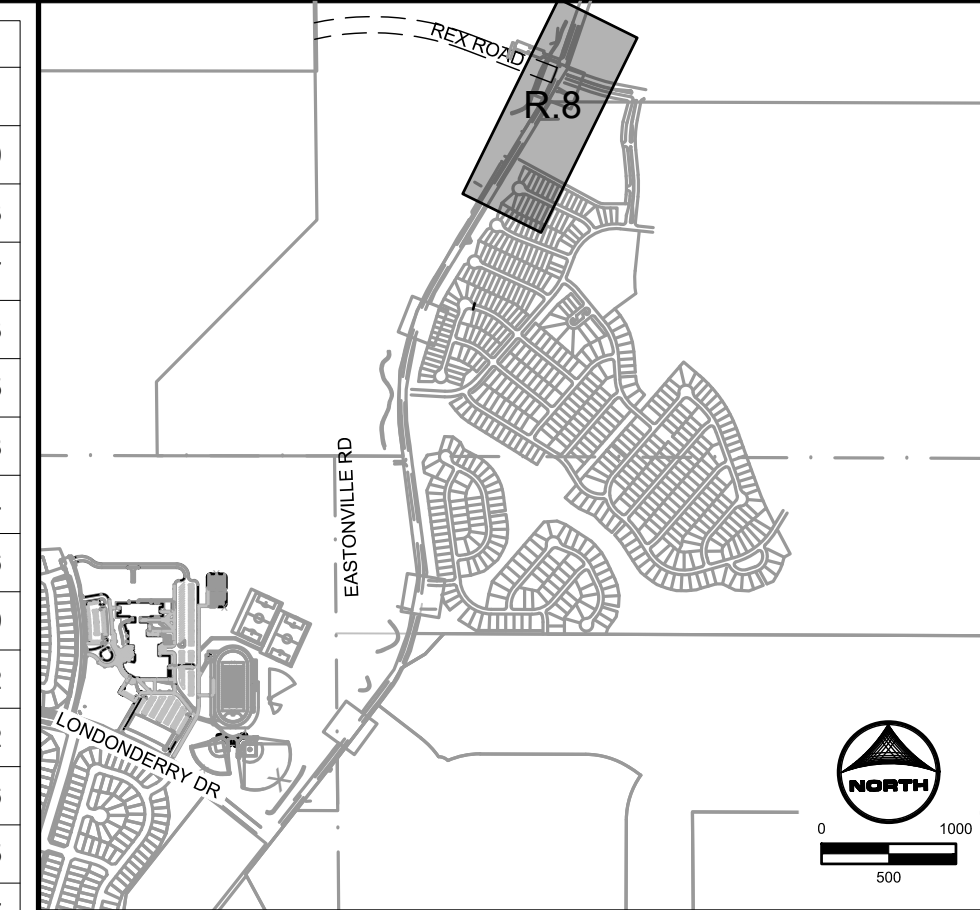
SHEET
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 69

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HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 230 COLORADO SPRINGS CO 80920 PHONE: 719.300.4140 FAX: 719.965.0044



POINT TABLE					
No.	DESC.	ALIGNMENT	STATION	OFFSET	FL EL.
134	PT	ROUNDABOUT REX SE FLOWLINE	STA 3+84.51	0.1' R	7025.00
135	PC	ROUNDABOUT REX SE FLOWLINE	STA 4+13.19	0.0'	7024.83
136	PT	ROUNDABOUT REX SE FLOWLINE	STA 4+38.25	0.0'	7024.67
137	HC RAMP	ROUNDABOUT REX SE FLOWLINE	STA 4+32.40	0.0' L	7024.73
138	HC RAMP	ROUNDABOUT REX SE FLOWLINE	STA 4+34.92	2.5' R	7024.75
139	HC RAMP	ROUNDABOUT REX SE FLOWLINE	STA 4+34.97	12.5' R	7024.88
140	HC RAMP	ROUNDABOUT REX SE FLOWLINE	STA 4+43.18	12.5' R	7024.84
141	HC RAMP	ROUNDABOUT REX SE FLOWLINE	STA 4+42.97	2.5' R	7024.66
142	HC RAMP	ROUNDABOUT REX SE FLOWLINE	STA 4+45.40	0.0'	7024.59
143	SIDEWALK	ROUNDABOUT REX SE FLOWLINE	STA 4+25.72	2.5' R	7025.32
144	SIDEWALK	ROUNDABOUT REX SE FLOWLINE	STA 4+25.72	12.5' R	7025.52
145	SIDEWALK	ROUNDABOUT REX SE FLOWLINE	STA 4+50.86	2.5' R	7025.06
146	SIDEWALK	ROUNDABOUT REX SE FLOWLINE	STA 4+50.86	12.5' R	7025.25
147	SIDEWALK	ROUNDABOUT REX SE FLOWLINE	STA 4+62.23	2.5' R	7024.87
148	SIDEWALK	ROUNDABOUT REX SE FLOWLINE	STA 4+71.93	7.3' R	7024.77
149	SIDEWALK	ROUNDABOUT REX SE FLOWLINE	STA 5+16.63	7.5' R	7023.52
150	END TYPE 2 C&G	ROUNDABOUT REX SE FLOWLINE	STA 5+16.28	0.0'	7023.38
151	END TYPE 2 C&G	Eastonville_Road	STA 76+34.87	176.6' R	7023.59
152	END TYPE 2 C&G	Eastonville_Road	STA ???	???' ???	7023.32
153	END TYPE 2 C&G	ROUNDABOUT REX SE FLOWLINE	STA 5+14.28	44.1' L	7023.27
154	PT	ROUNDABOUT REX NE FLOWLINE	STA 6+84.82	0.0'	7025.72
155	PC	ROUNDABOUT REX NE FLOWLINE	STA 6+86.61	0.1' R	7026.00
156	HC RAMP	ROUNDABOUT REX NE FLOWLINE	STA 6+59.03	0.0' L	7025.05
157	HC RAMP	ROUNDABOUT REX NE FLOWLINE	STA 6+56.10	0.0' R	7024.97
158	HC RAMP	ROUNDABOUT REX NE FLOWLINE	STA 6+56.54	2.5' R	7025.03
159	HC RAMP	ROUNDABOUT REX NE FLOWLINE	STA 6+57.00	12.5' R	7025.08
160	HC RAMP	ROUNDABOUT REX NE FLOWLINE	STA 6+47.85	12.5' R	7024.97
161	HC RAMP	ROUNDABOUT REX NE FLOWLINE	STA 6+48.32	2.5' R	7024.82
162	HC RAMP	ROUNDABOUT REX NE FLOWLINE	STA 6+46.02	0.0' R	7024.71
163	SIDEWALK	ROUNDABOUT REX NE FLOWLINE	STA 6+72.81	2.5' R	7025.95
164	SIDEWALK	ROUNDABOUT REX NE FLOWLINE	STA 6+72.81	12.5' R	7026.15
165	SIDEWALK	ROUNDABOUT REX NE FLOWLINE	STA 6+37.79	12.5' R	7025.21
166	SIDEWALK	ROUNDABOUT REX NE FLOWLINE	STA 6+37.80	2.5' R	7025.04
167	SIDEWALK	ROUNDABOUT REX NE FLOWLINE	STA 5+90.78	12.5' R	7024.01
168	SIDEWALK	ROUNDABOUT REX NE FLOWLINE	STA 5+90.78	2.5' R	7023.81
169	PC	Eastonville_Road	STA 76+10.61	79.1' R	7025.47
170	PCC	Eastonville_Road	STA 76+15.17	74.2' R	7025.79
171	PCC	Eastonville_Road	STA ???	???' ???	7026.25
172	PCC	Eastonville_Road	STA ???	???' ???	7026.10
173	PCC	Eastonville_Road	STA ???	???' ???	7025.66
174	PT	Eastonville_Road	STA 76+36.89	97.3' R	7025.93
175	PC	Eastonville_Road	STA 76+30.22	95.0' R	7025.85
176	PT	Eastonville_Road	STA 76+23.71	94.9' R	7025.77
177	PC	Eastonville_Road	STA 76+17.02	97.1' R	7025.68
178	PT	Eastonville_Road	STA 76+14.68	95.7' R	7025.34



DRAWN BY: AXB JOB DATE: 10/30/2024
 APPROVED: CPM JOB NUMBER: 201662.08
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NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
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EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
REX ROUNDABOUT DETAILED GRADING III

SHEET
R.14 **70**

EDARP FILING NO. CDR2321

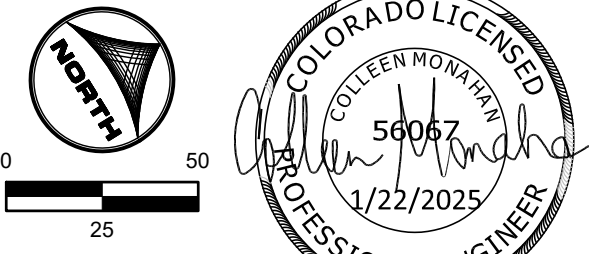
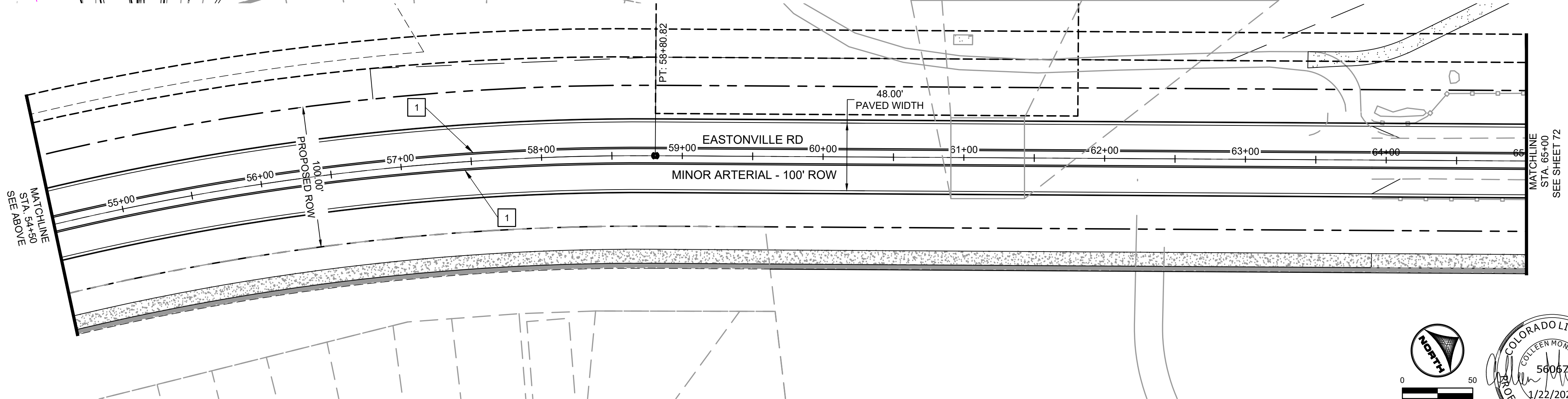
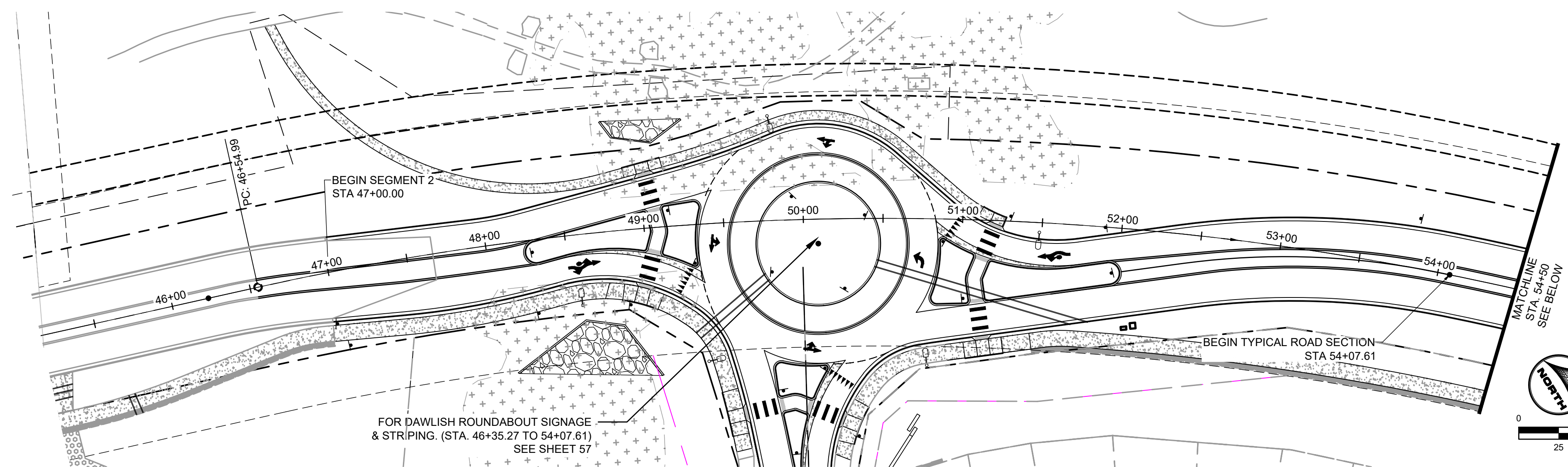
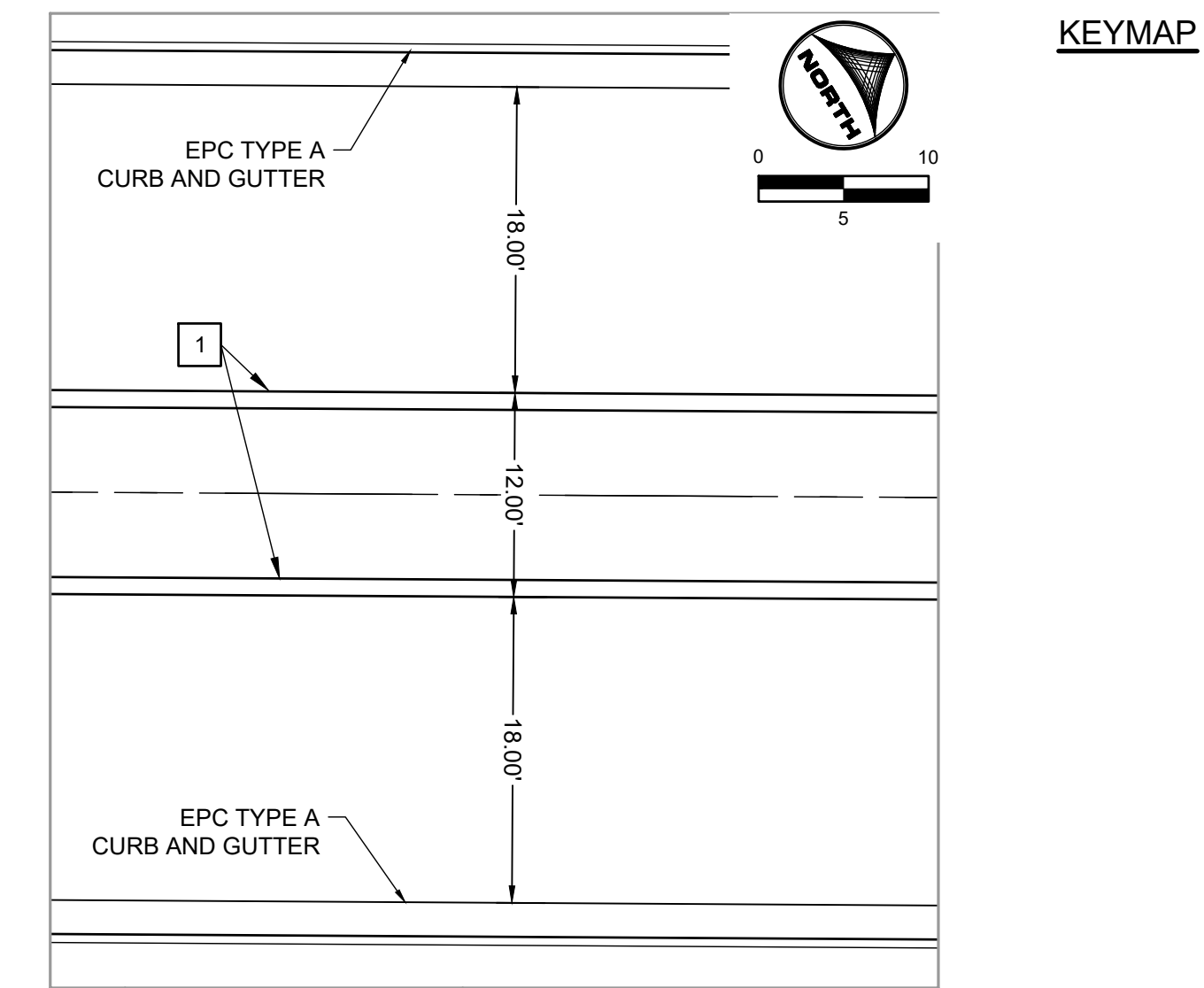
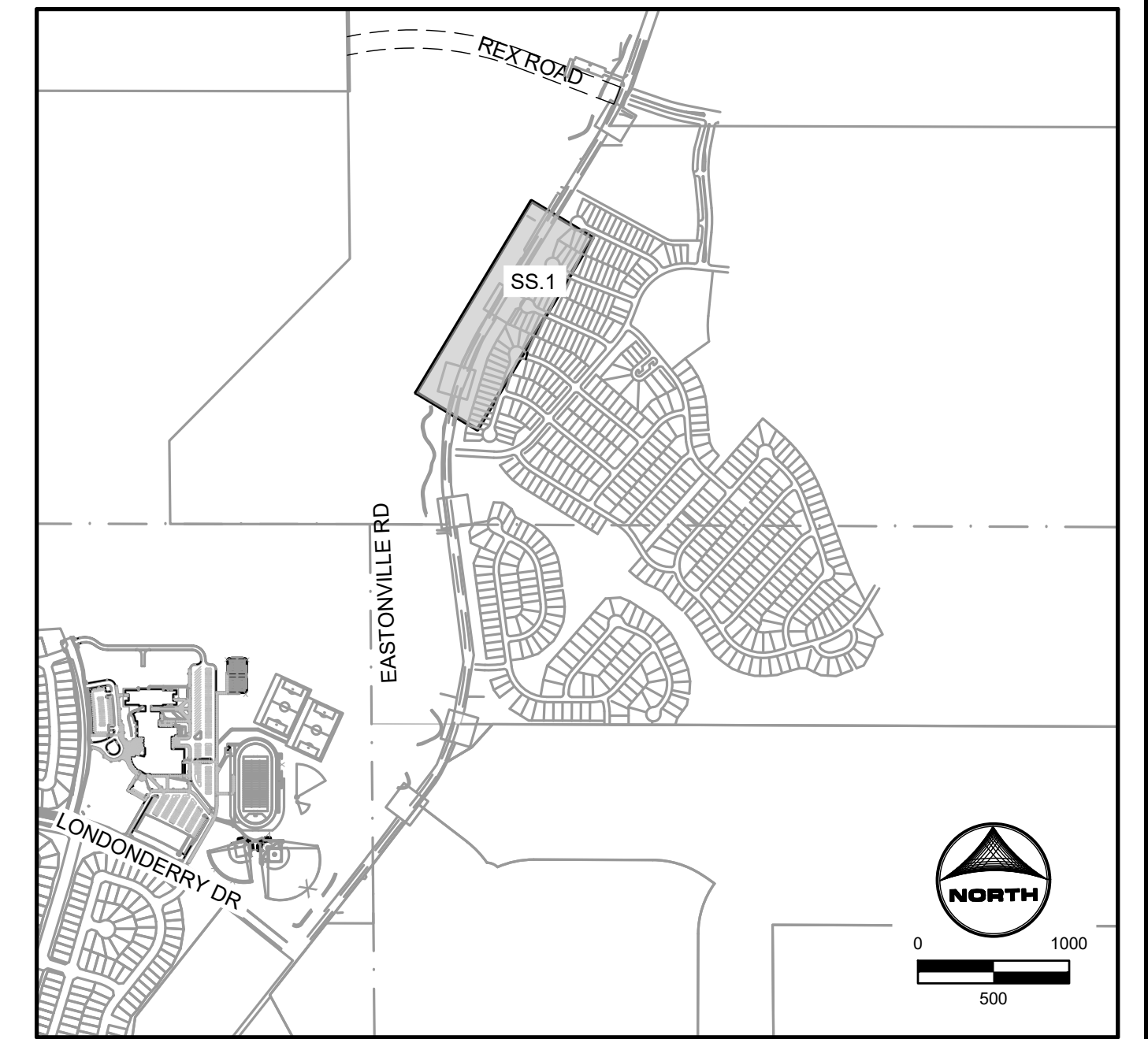


CONSTRUCTION NOTES:

1. WHERE CONSTRUCTION DETAILS AND SPECIFICATIONS ARE NOTED ON THESE PLANS USE EL PASO COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION.
2. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION.
3. ALL PAVEMENT MARKINGS TO BE THERMO-PLASTIC OR APPROVED EQUAL.

STRIPING LEGEND:

- | | |
|---|---|
| 1 | LANE LINE (4" SOLID DOUBLE YELLOW STRIPE) |
| 2 | LANE LINE (4" SOLID YELLOW STRIPE) |
| 3 | LANE LINE (6" SOLID WHITE STRIPE) |
| 4 | LEFT TURN LANE ARROW (NARROW TYPE, SOLID WHITE, 6" WIDE, 8') |
| 5 | RIGHT TURN LANE ARROW (NARROW TYPE, SOLID WHITE, 6" WIDE, 8') |
| 6 | STOP LINE (24" SOLID WHITE) |
| 7 | TYPE III BARRICADE (TEMPORARY) |
| 8 | THROUGH LANE ARROW (NARROW TYPE, SOLID WHITE, 6" WIDE, 8') |



EDARP FILING NO. CDR2321

DRAWN BY: ACH JOB DATE: 8/23/2024
 APPROVED: CPM JOB NUMBER: 201662.08
 CAD DATE: 1/20/2025
 CAD FILE: J:\2020\201662\CAD\DWG\CIEastonville_Road_662.08\Segment_2\CID\Road_CDs\Signage and Striping Plan

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 STRIPING PLAN

SHEET
S.1
 71

SIGNING AND STRIPING NOTES:

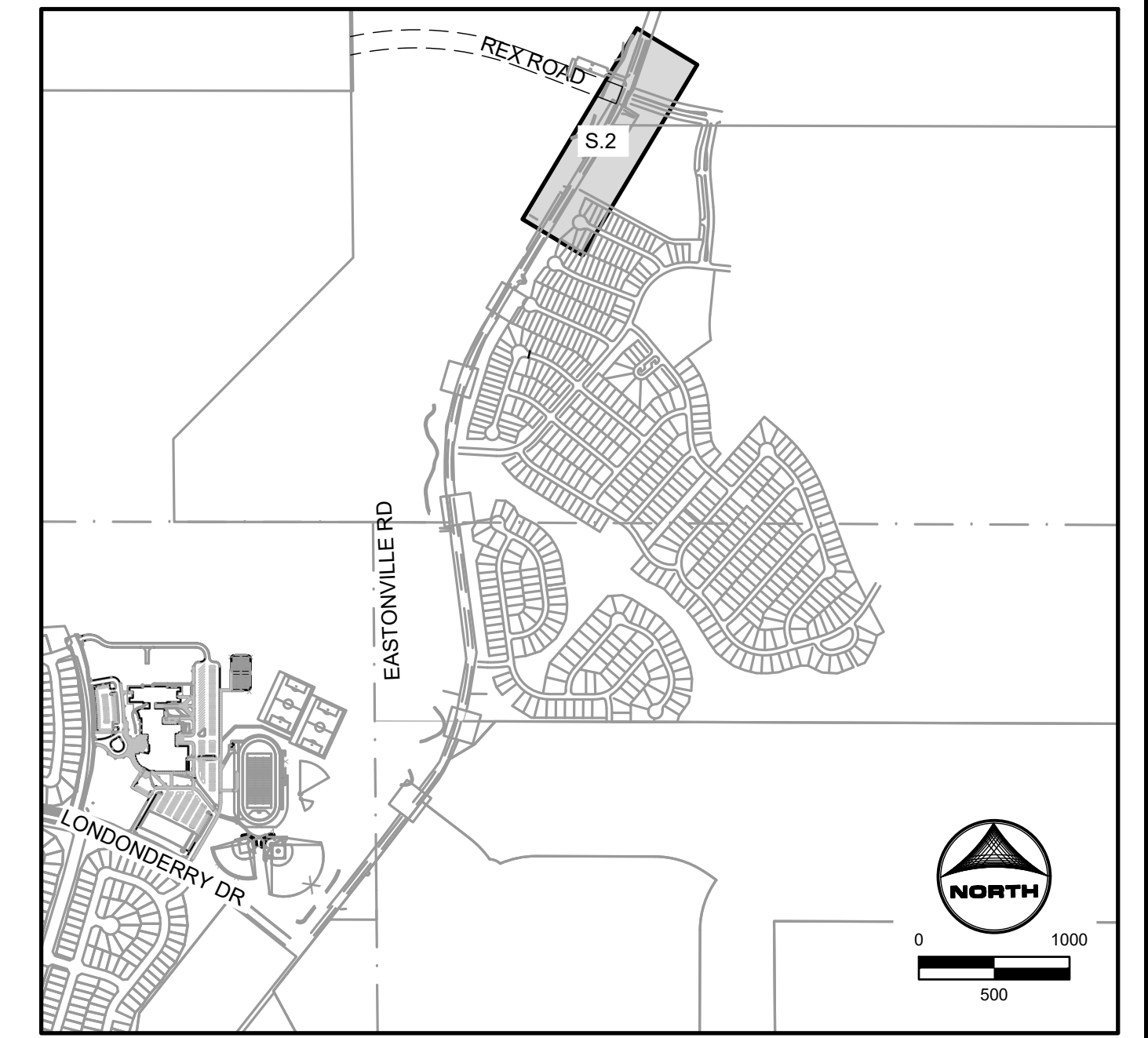
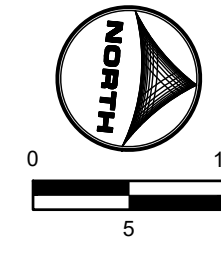
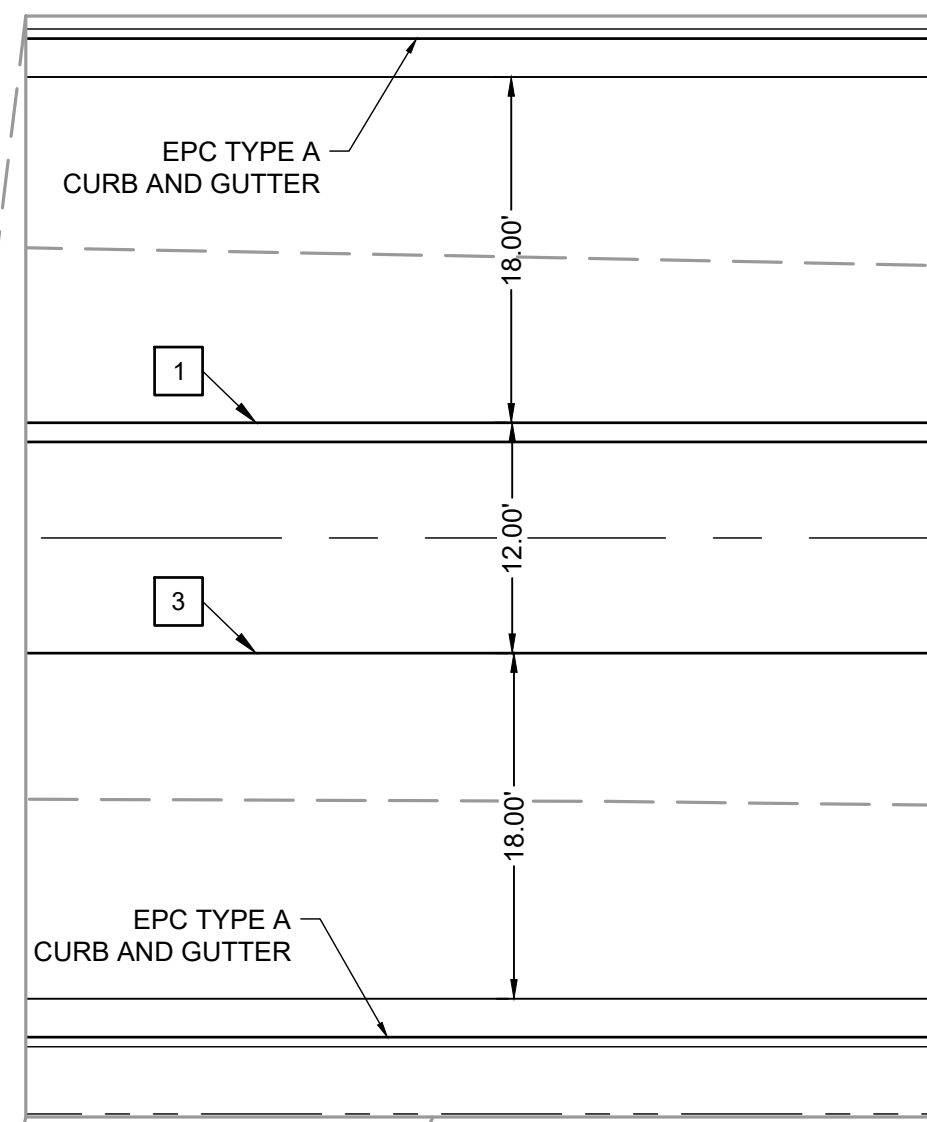
- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT 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 35 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 12" 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". SIGNAL POLE MOUNTED AND OVERHEAD STREET NAME SIGNS SHALL BE PER MUTCD SIZE STANDARDS.
- ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
- ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
- ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
- ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 24" WIDE AND A MINIMUM OF 9' LONG.
- WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE.
- 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 (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 (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

CONSTRUCTION NOTES:

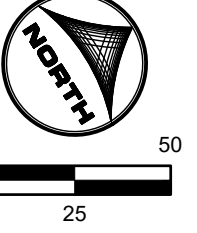
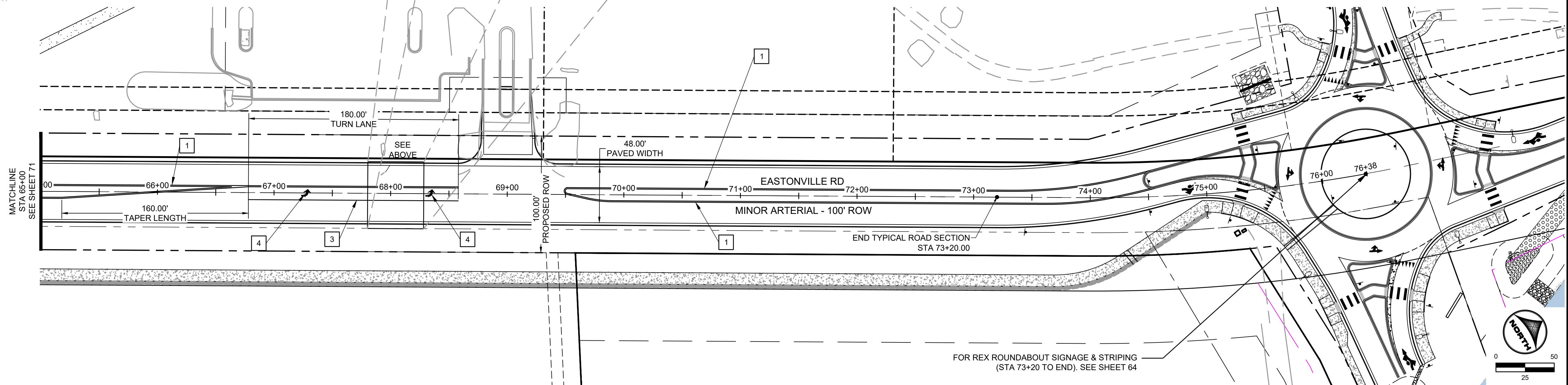
- WHERE CONSTRUCTION DETAILS AND SPECIFICATIONS ARE NOTED ON THESE PLANS USE EL PASO COUNTY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION.
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STRIPING LEGEND:

- LANE LINE (4" SOLID DOUBLE YELLOW STRIPE)
- LANE LINE (4" SOLID YELLOW STRIPE)
- LANE LINE (6" SOLID WHITE STRIPE)
- LEFT TURN LANE ARROW (NARROW TYPE, SOLID WHITE, 6" WIDE, 8')
- RIGHT TURN LANE ARROW (NARROW TYPE, SOLID WHITE, 6" WIDE, 8')
- STOP LINE (24" SOLID WHITE)
- TYPE III BARRICADE (TEMPORARY)
- THROUGH LANE ARROW (NARROW TYPE, SOLID WHITE, 6" WIDE, 8')



KEYMAP



HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 230 COLORADO SPRINGS CO 80920 PHONE: 719.300.4140 FAX: 719.965.0044

DRAWN BY: ACH JOB DATE: 8/23/2024 BAR IS ONE INCH ON OFFICIAL DRAWINGS.
 APPROVED: CPM JOB NUMBER: 201662.08 0" = 1"
 CAD DATE: 1/20/2025 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
 CAD FILE: J:\2020\201662\CAD\DWG\CIEastonville_Road_662.08\Segment_3\CDI\Road_CDs\Signage and Striping Plan

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen
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 1975 RESEARCH PARKWAY SUITE 230
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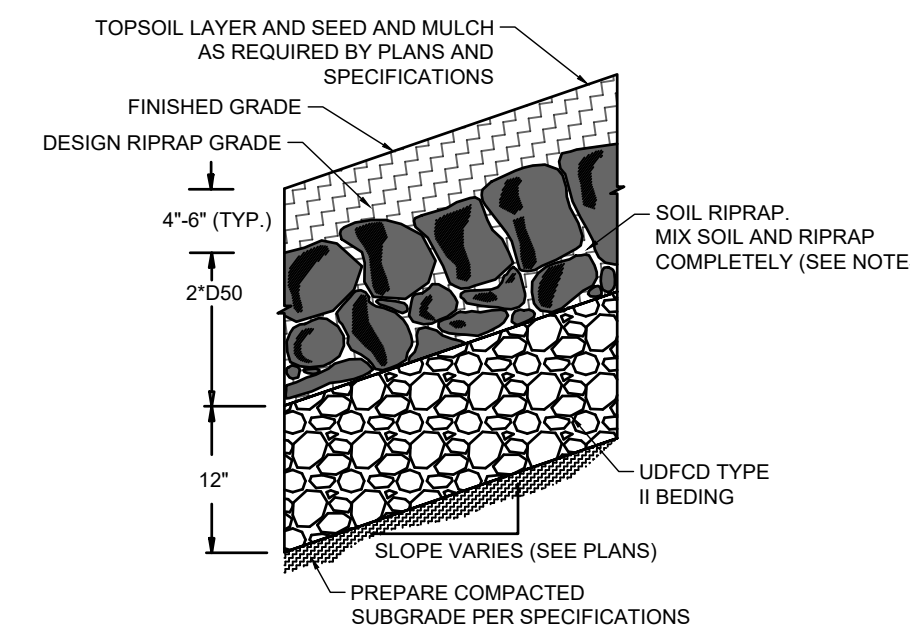
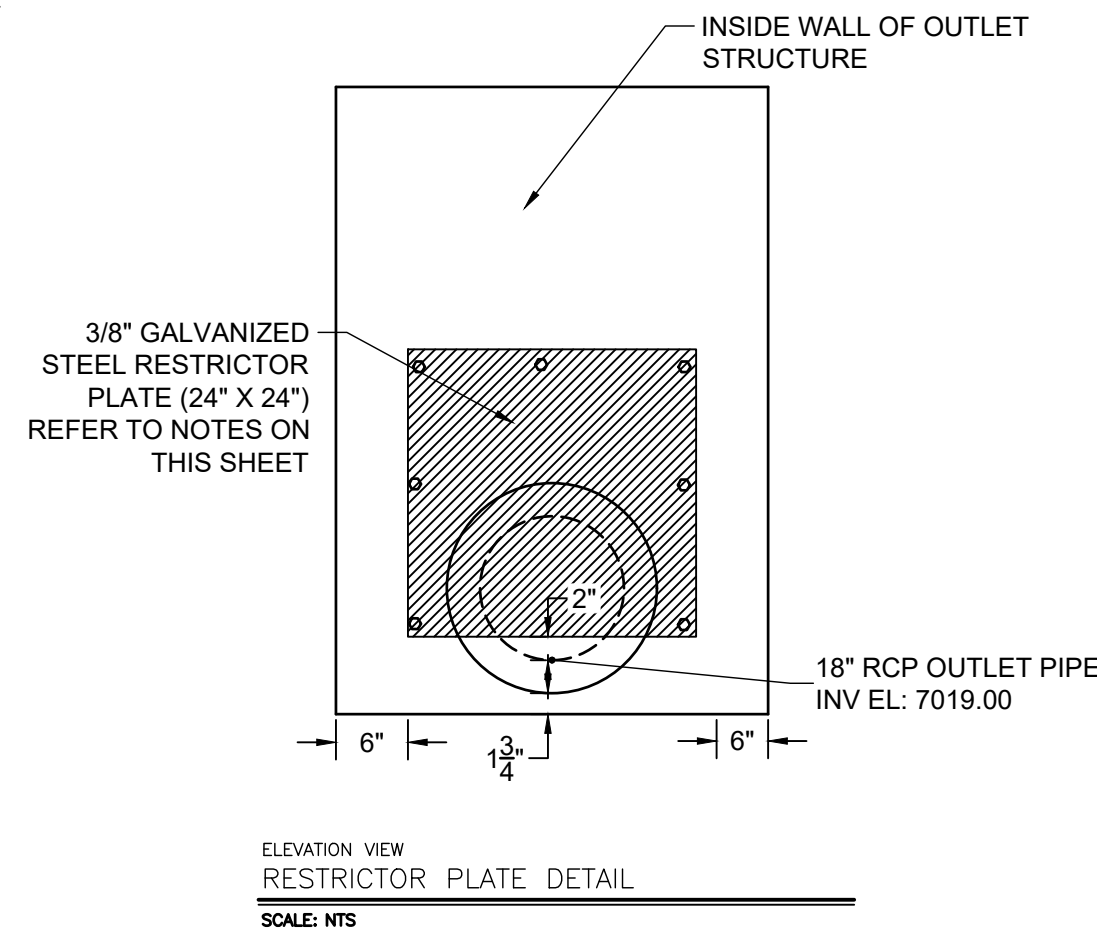
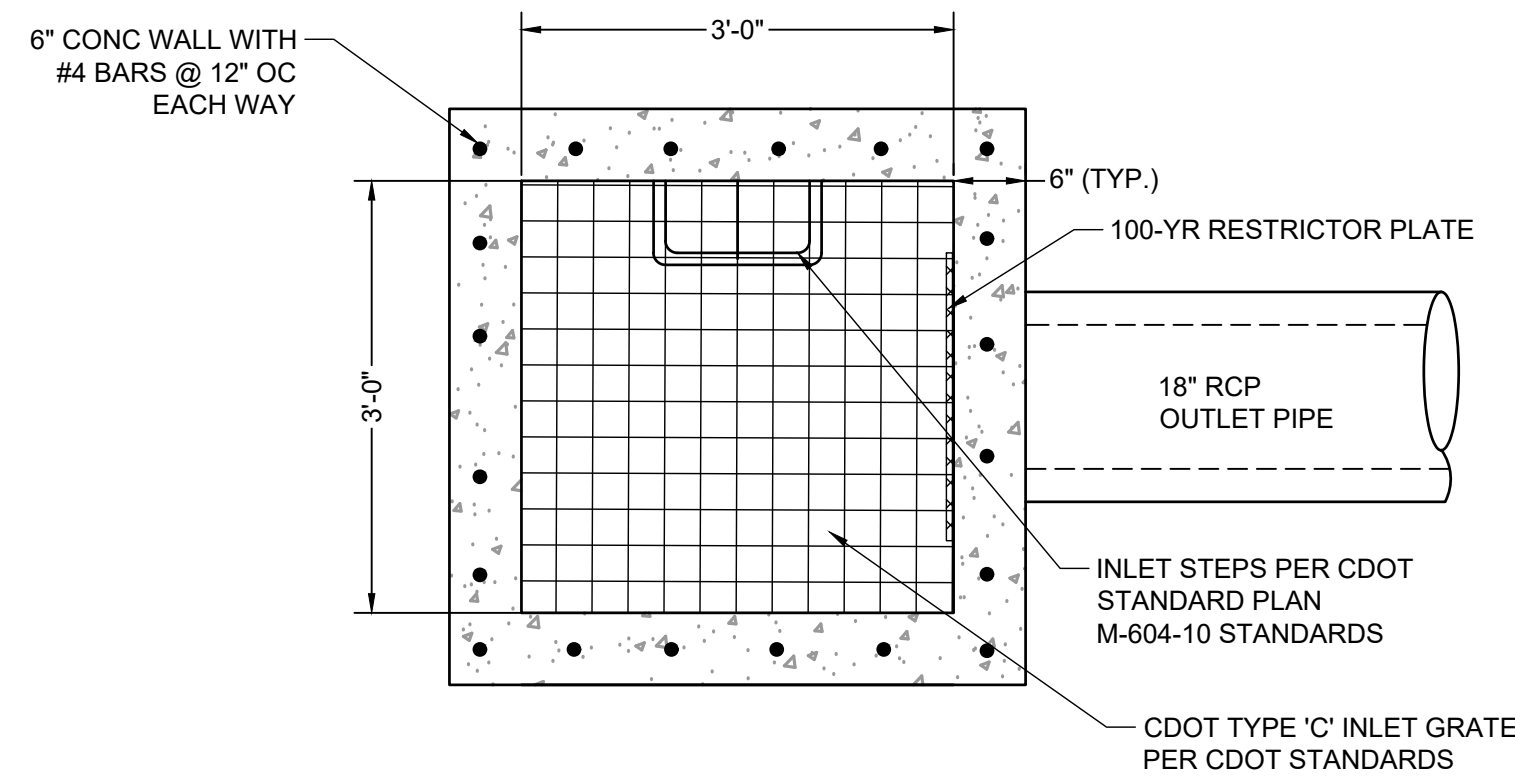
EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 STRIPING PLAN II

SHEET
S.2
 72



EDARP FILING NO. CDR2321



TYPE L RIPRAP

INTERMEDIATE ROCK DIMENSION (IN.)	PERCENT PASSING (%)
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

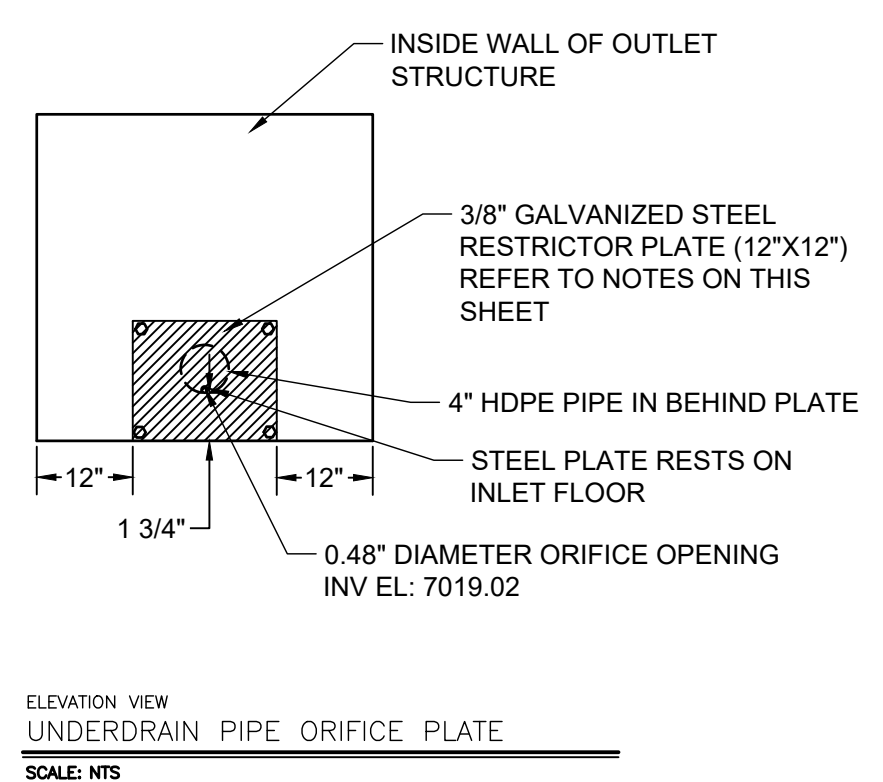
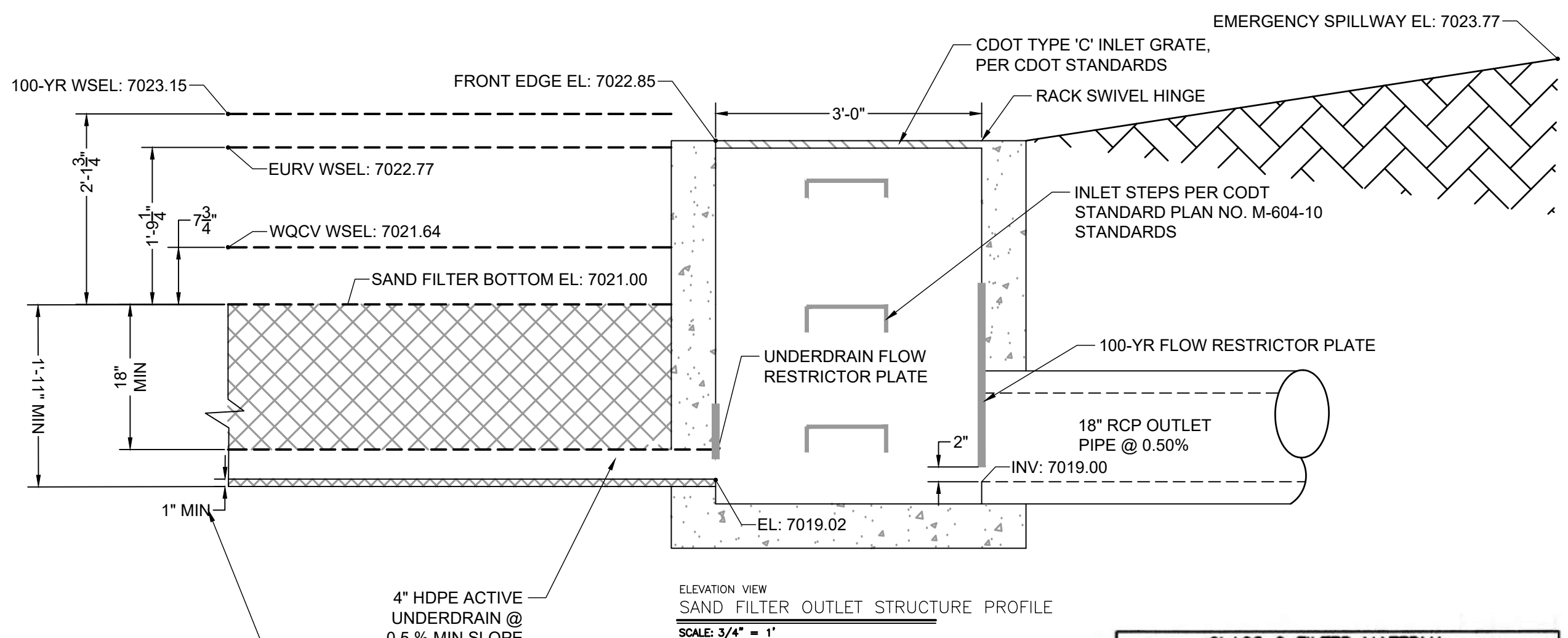
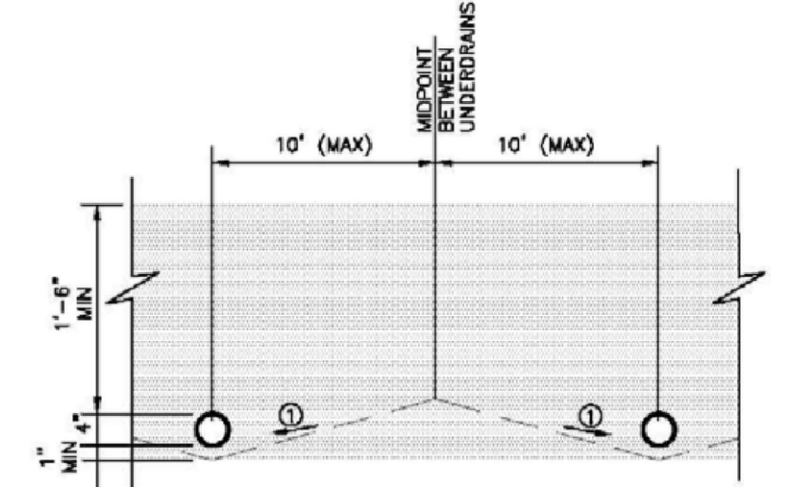
- RESTRICTOR PLATE NOTES:**
- 3/8" THICK RESTRICTOR PLATE, GALVANIZED STEEL.
 - BOLT PLATE TO CONCRETE @ 12" O.C. MAX
 - PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PLATES AND GRATING FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

- RIPRAP NOTES:**
- 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 AVOIDED.
 - 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 THAN 2.50.

WARNING
THIS AREA IS A STORMWATER FACILITY AND IS SUBJECT TO PERIODIC FLOODING

POND WARNING SIGN
SCALE: N.T.S.
MINIMUM SIGN AREA = 3 FT²
SIGNS SHALL BE FABRICATED OF DURABLE MATERIALS, SUCH AS METAL OR PLASTIC, USING RED LETTERING ON A WHITE BACKGROUND

TWO SIGNS, EACH WITH A MINIMUM AREA OF 3 SQUARE FEET, SHALL BE PROVIDED AROUND THE PERIMETER OF ALL DETENTION FACILITIES. THE SIGNS SHALL BE FABRICATED OF DURABLE MATERIALS, SUCH AS METAL OR PLASTIC, USING RED LETTERING ON A WHITE BACKGROUND WITH THE ABOVE MESSAGE



CLASS C FILTER MATERIAL (SOURCE: CDOT TABLE 703-7)

SIEVE SIZE	MASS PERCENT PASSING SQUARE MESH SIEVES
10 mm (3/4")	100
4.75 mm (No. 4)	60 - 100
300 um (No. 50)	10 - 30
150 um (No. 100)	0 - 10
75 um (No. 200)	0 - 3

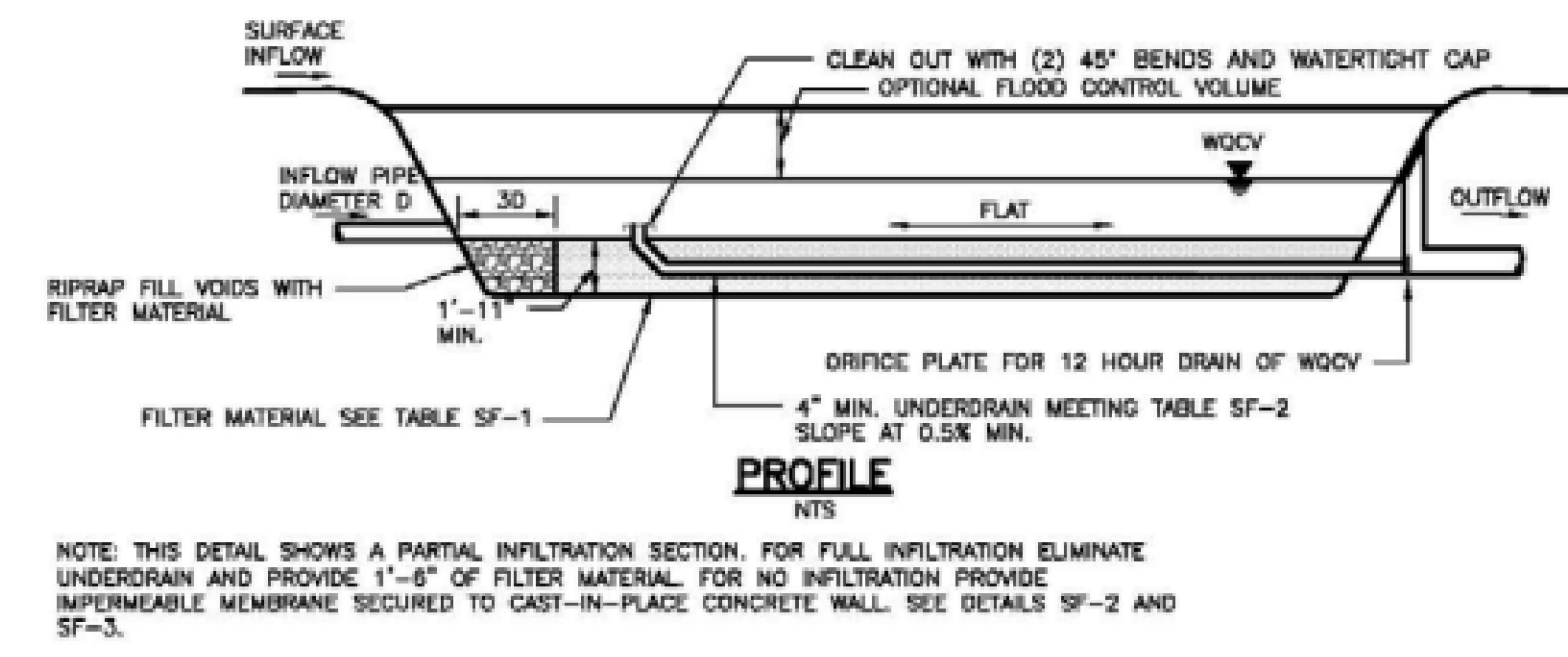
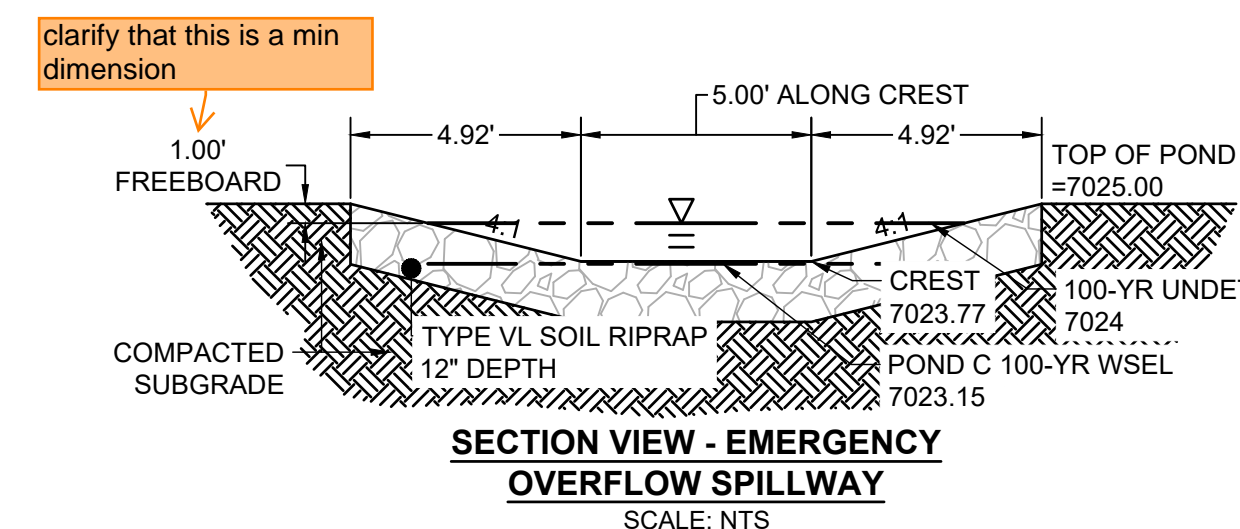
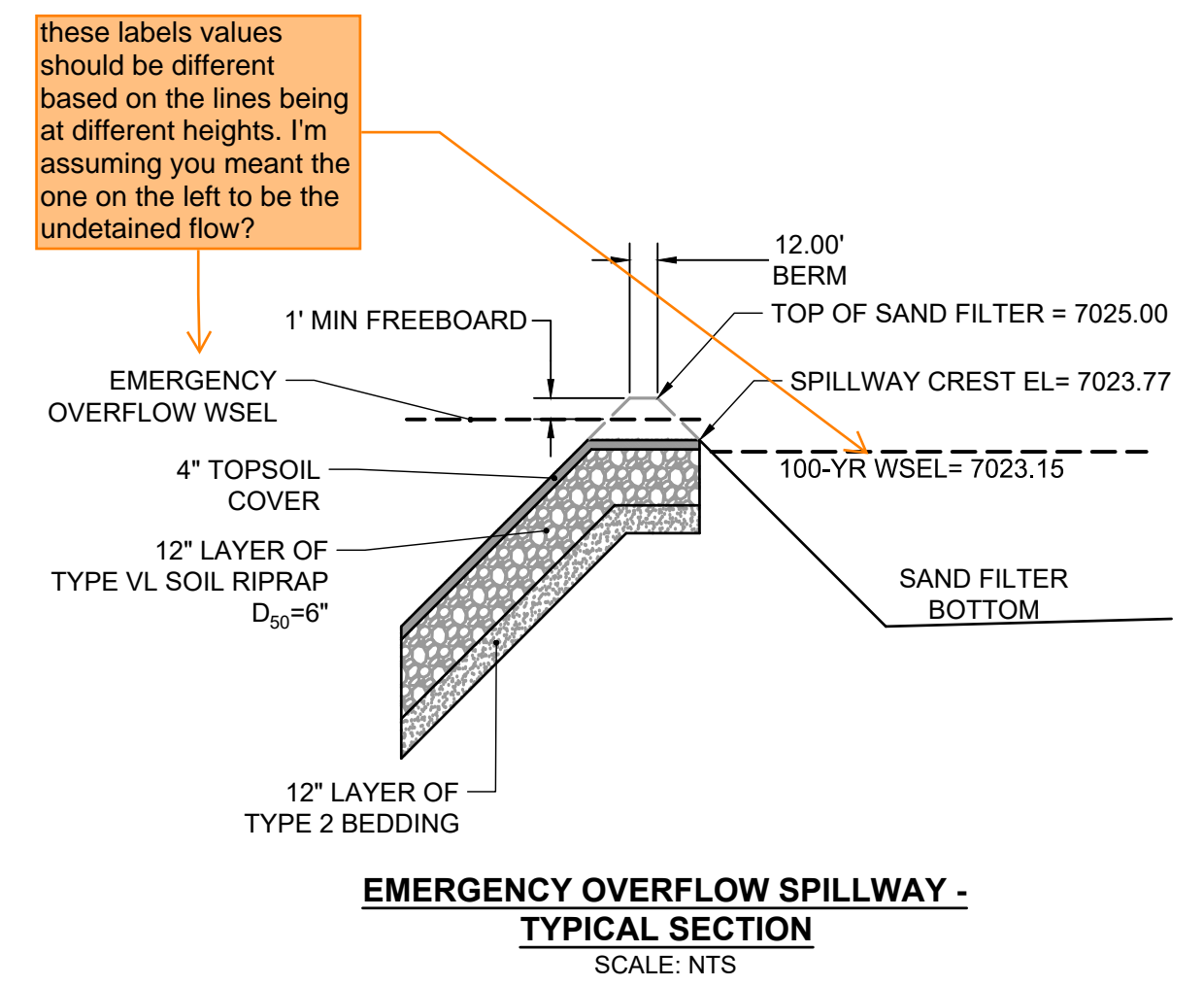
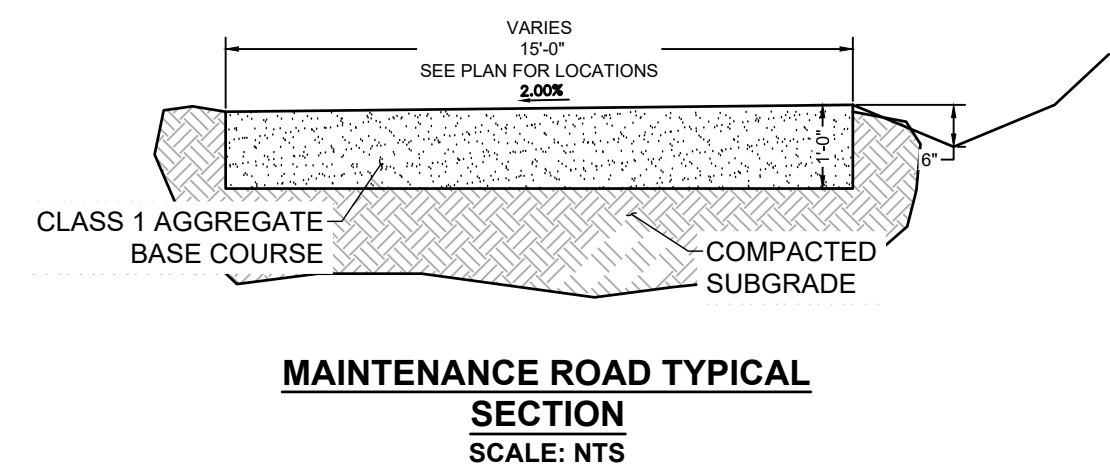


Table SF-2. Dimensions for Slotted Pipe¹

Pipe Size	Slot Length	Maximum Slot Width	Slot Centers	Open Area (per foot)
4"	1-1/16"	0.032"	0.413"	1.90 in ²
6"	1-3/8"	0.032"	0.516"	1.98 in ²

¹ Pipe must conform to requirements of ASTM designation F949. There shall be no evidence of splitting, cracking, or breaking when the pipe is tested per ASTM test method D2412 in accordance with F949 section 7.5 and ASTM F794 section 8.5. Contech A-2000 slotted pipe (or equal).



EDARP FILING NO. CDR2321

HR GREEN xpl-1-dh01_CD_Road_PNF_Spillway_pond_main_road_spillway_profile_Riprap_Detail

DRAWN BY: AXB	JOB DATE: 10/30/2024	BAR IS ONE INCH ON OFFICIAL DRAWINGS.
APPROVED: CPM	JOB NUMBER: 201662.08	0
CAD DATE: 1/20/2025		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD FILE: J:\2020\201662\CAD\Drawings\CIEastonville_Road_662.08\Segment_2\CD\Road_CD\Sand_Outlet		

NO.	DATE	BY	REVISION DESCRIPTION

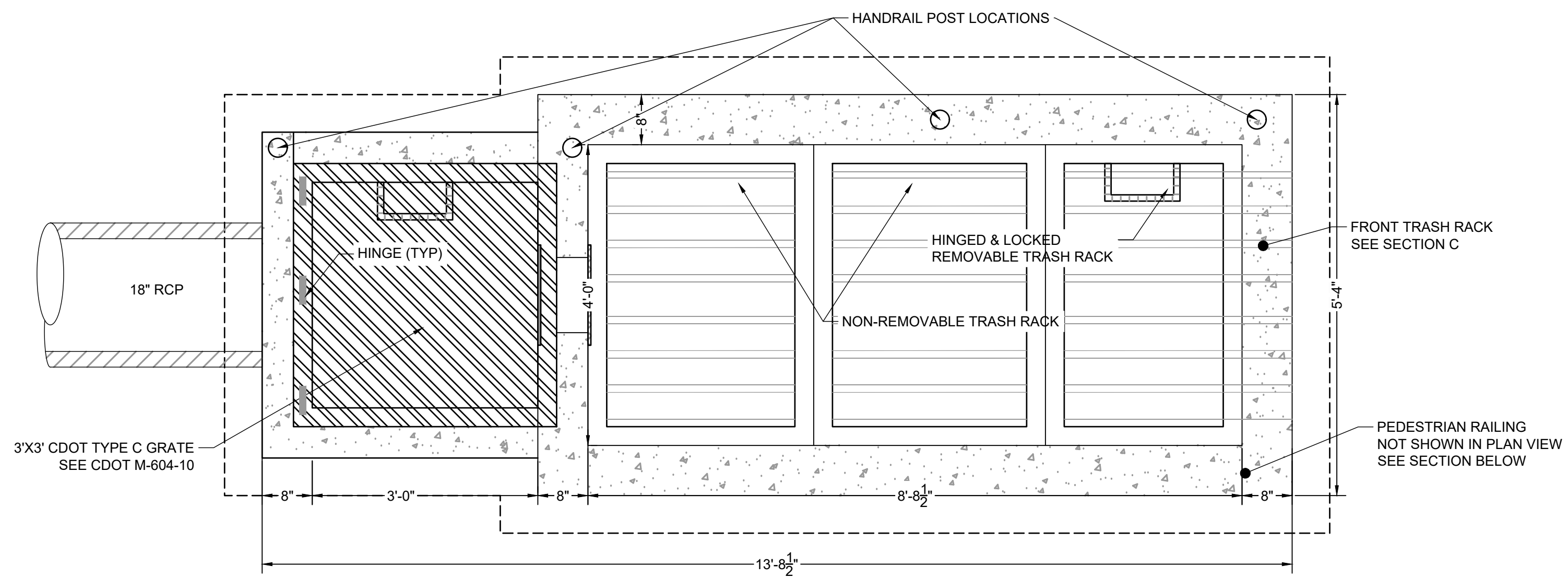
HRGreen

HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS CO 80920
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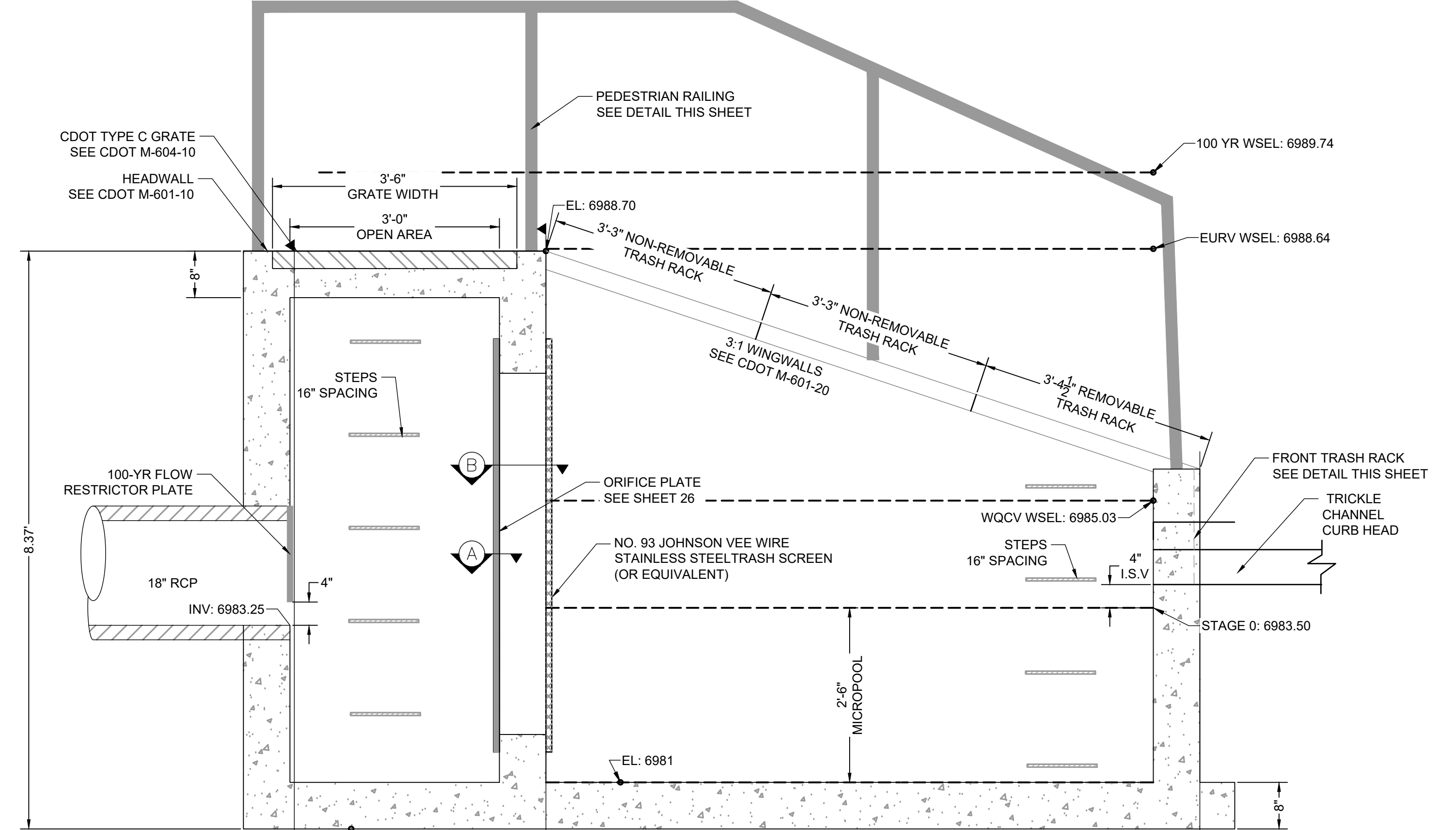
EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
EL PASO COUNTY, COLORADO

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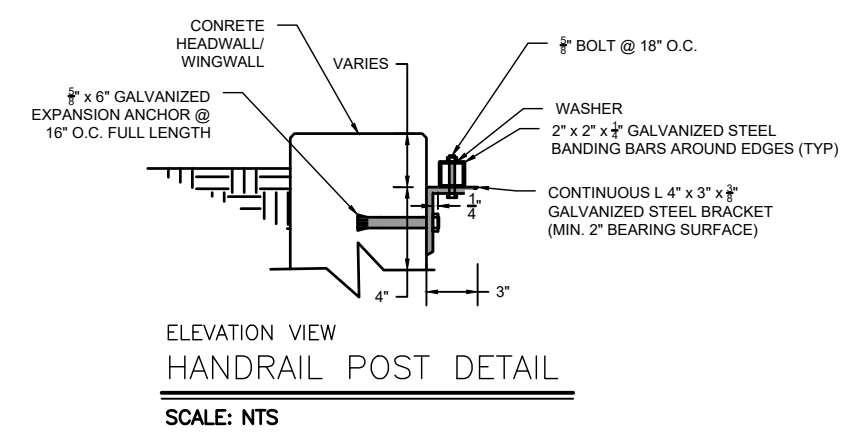
FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
POND PLANS - SAND FILTER C OUTLET



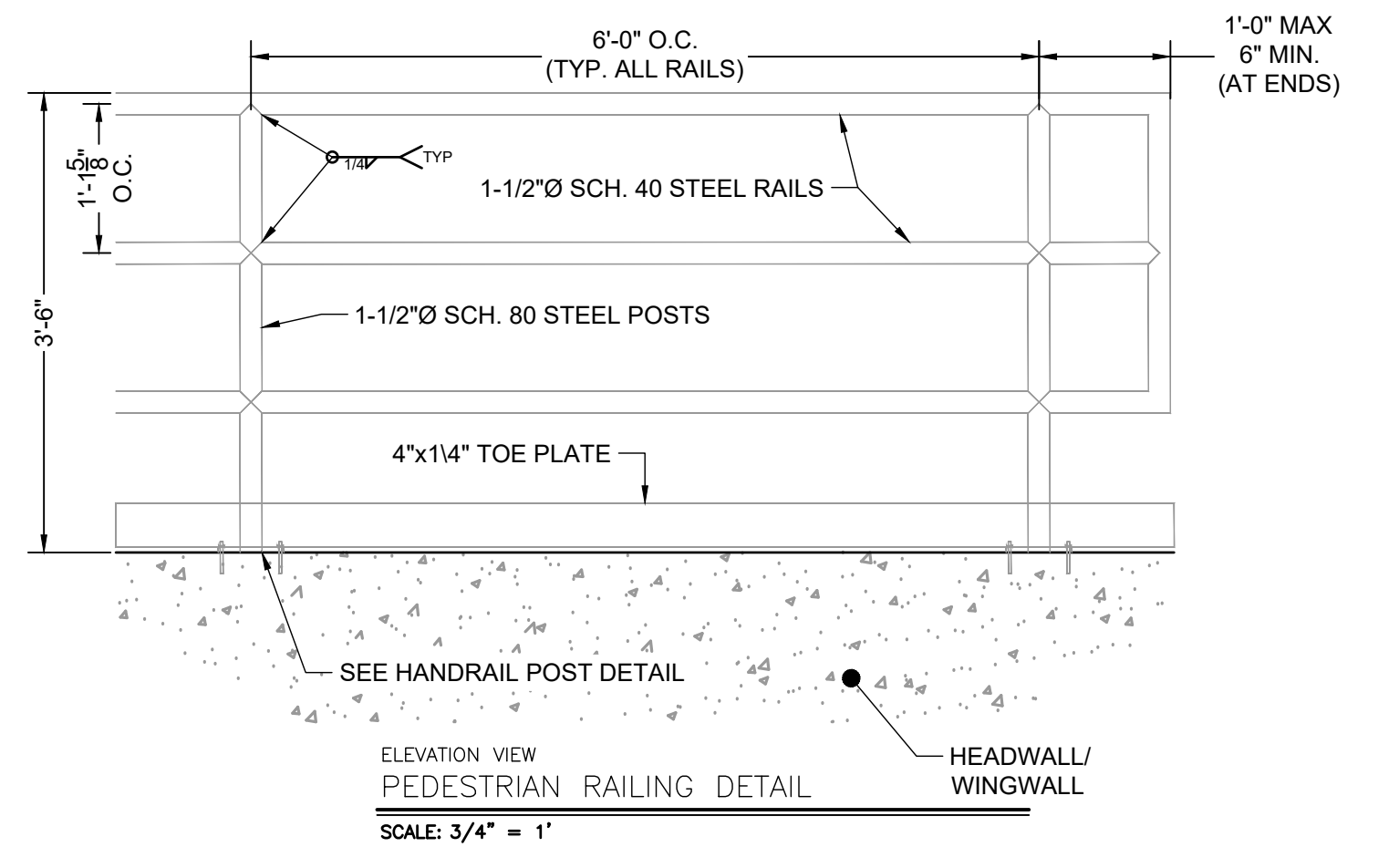
PLAN VIEW
POND OUTLET STRUCTURE PLAN
SCALE: 3/4" = 1'



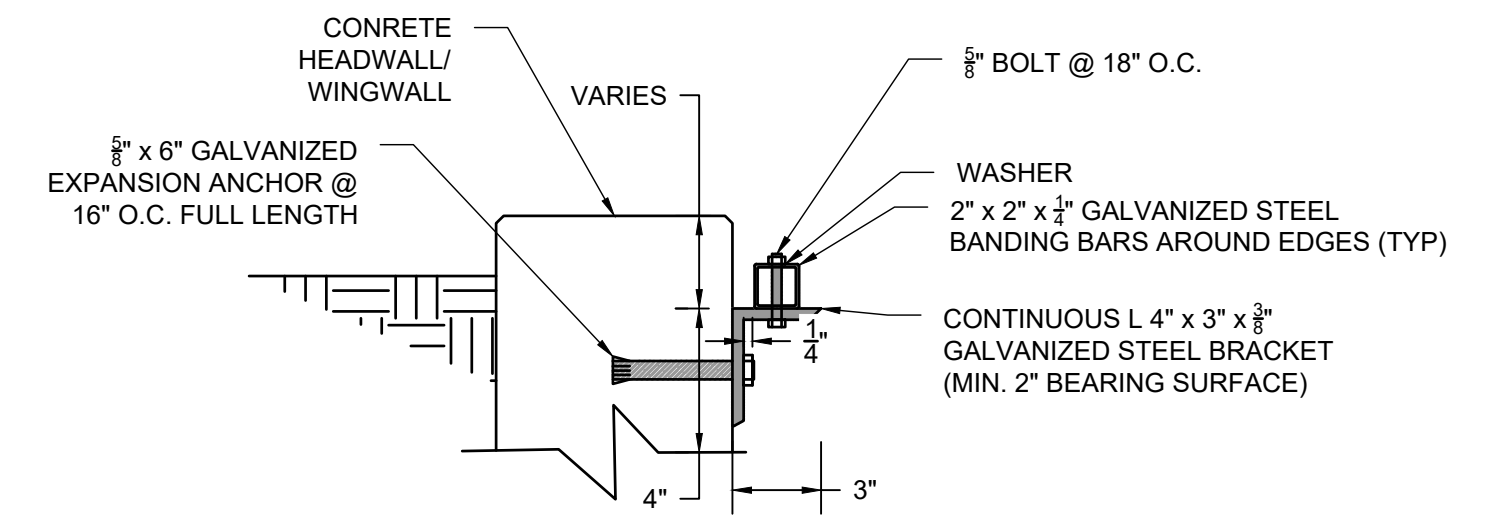
ELEVATION VIEW
POND OUTLET STRUCTURE PROFILE
SCALE: 3/4" = 1'



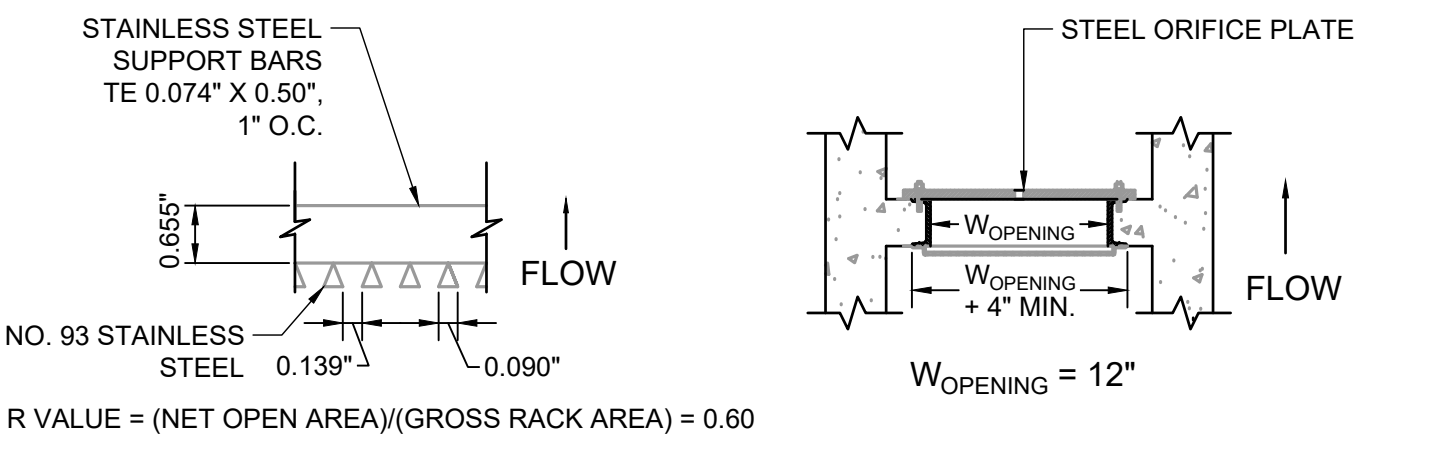
ELEVATION VIEW
HANDRAIL POST DETAIL
SCALE: NTS



ELEVATION VIEW
PEDESTRIAN RAILING DETAIL
SCALE: 3/4" = 1'



DETAIL VIEW
TRASH RACK CONNECTION TO WALLS
SCALE: NTS



PLAN VIEW
TRASH SCREEN DETAIL
SCALE: 3/4" = 1'

PLAN VIEW
TRASH SCREEN AND PLATE DETAIL
SCALE: 3/4" = 1'

WARNING
THIS AREA IS A STORMWATER FACILITY
AND IS SUBJECT TO PERIODIC FLOODING

POND WARNING SIGN
SCALE: NTS
MINIMUM SIGN AREA = 3 FT²
SIGNS SHALL BE FABRICATED OF DURABLE MATERIALS, SUCH AS METAL OR PLASTIC, USING RED LETTERING ON A WHITE BACKGROUND



TWO SIGNS, EACH WITH A MINIMUM AREA OF 3 SQUARE FEET, SHALL BE PROVIDED AROUND THE PERIMETER OF ALL DETENTION FACILITIES. THE SIGNS SHALL BE FABRICATED OF DURABLE MATERIALS, SUCH AS METAL OR PLASTIC, USING RED LETTERING ON A WHITE BACKGROUND WITH THE ABOVE MESSAGE

EDARP FILING NO. CDR2321



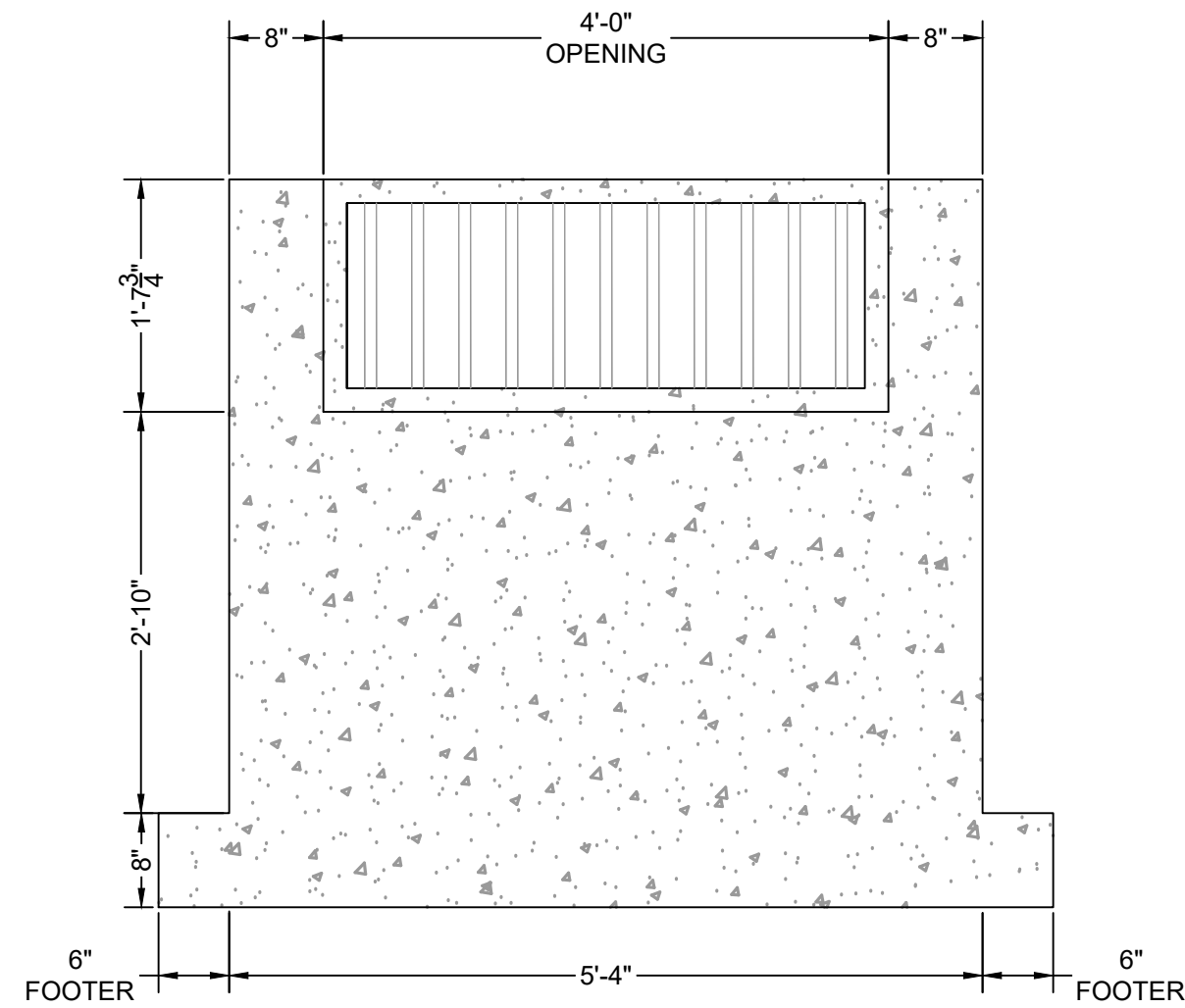
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APPROVED: CMM	JOB NUMBER: 201662.08	0
CAD DATE: 1/20/2025		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
CAD FILE: J:\2020\201662\CAD\Drawings\CIEastonville_Road_662.08\Segment_2\CDD\Road_CDs\Outlet_Structure_Details		

NO.	DATE	BY	REVISION DESCRIPTION

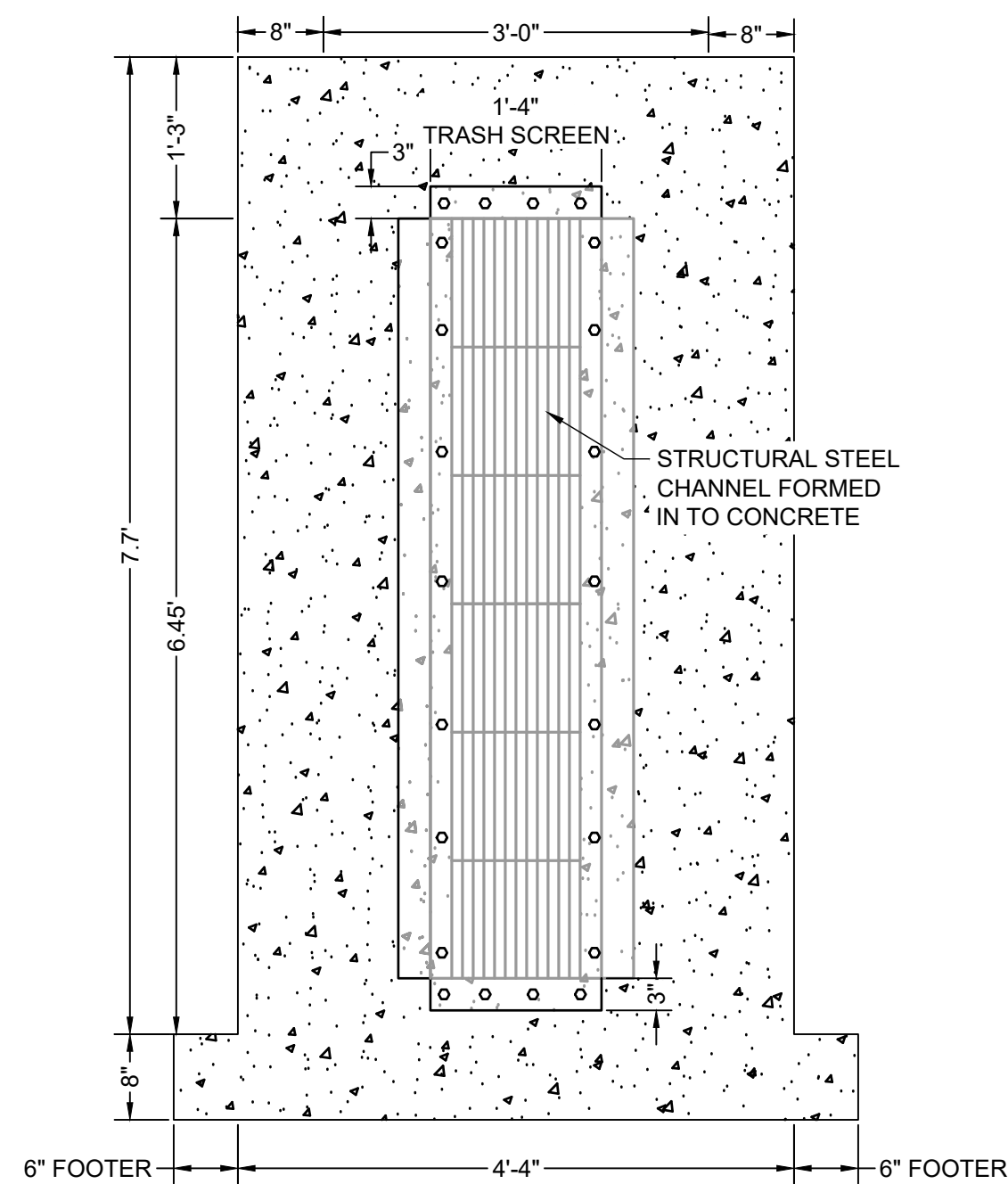
HRGreen
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 230
COLORADO SPRINGS CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
EL PASO COUNTY, COLORADO

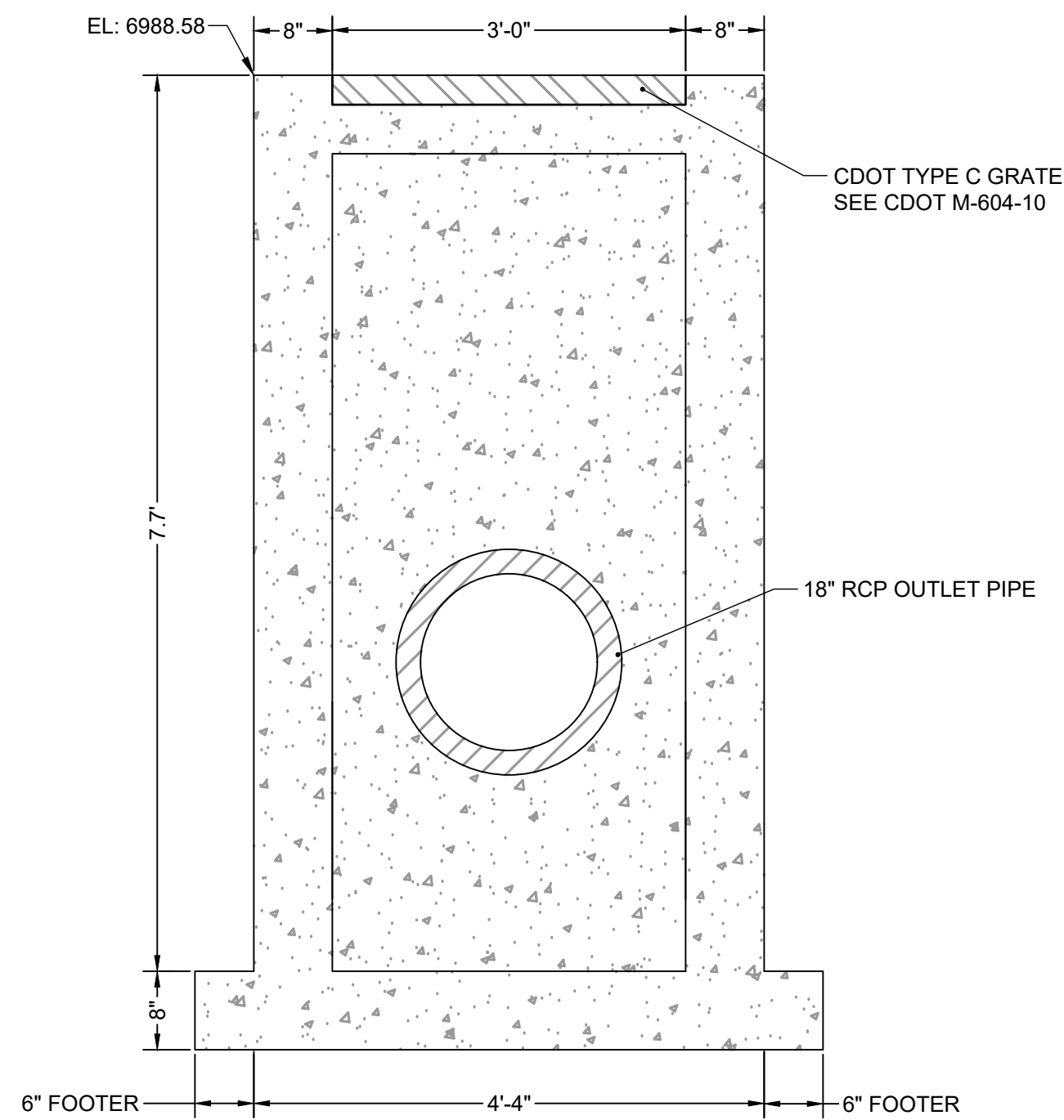
FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
EDB B ULTIMATE OUTLET STRUCTURE DETAILS I



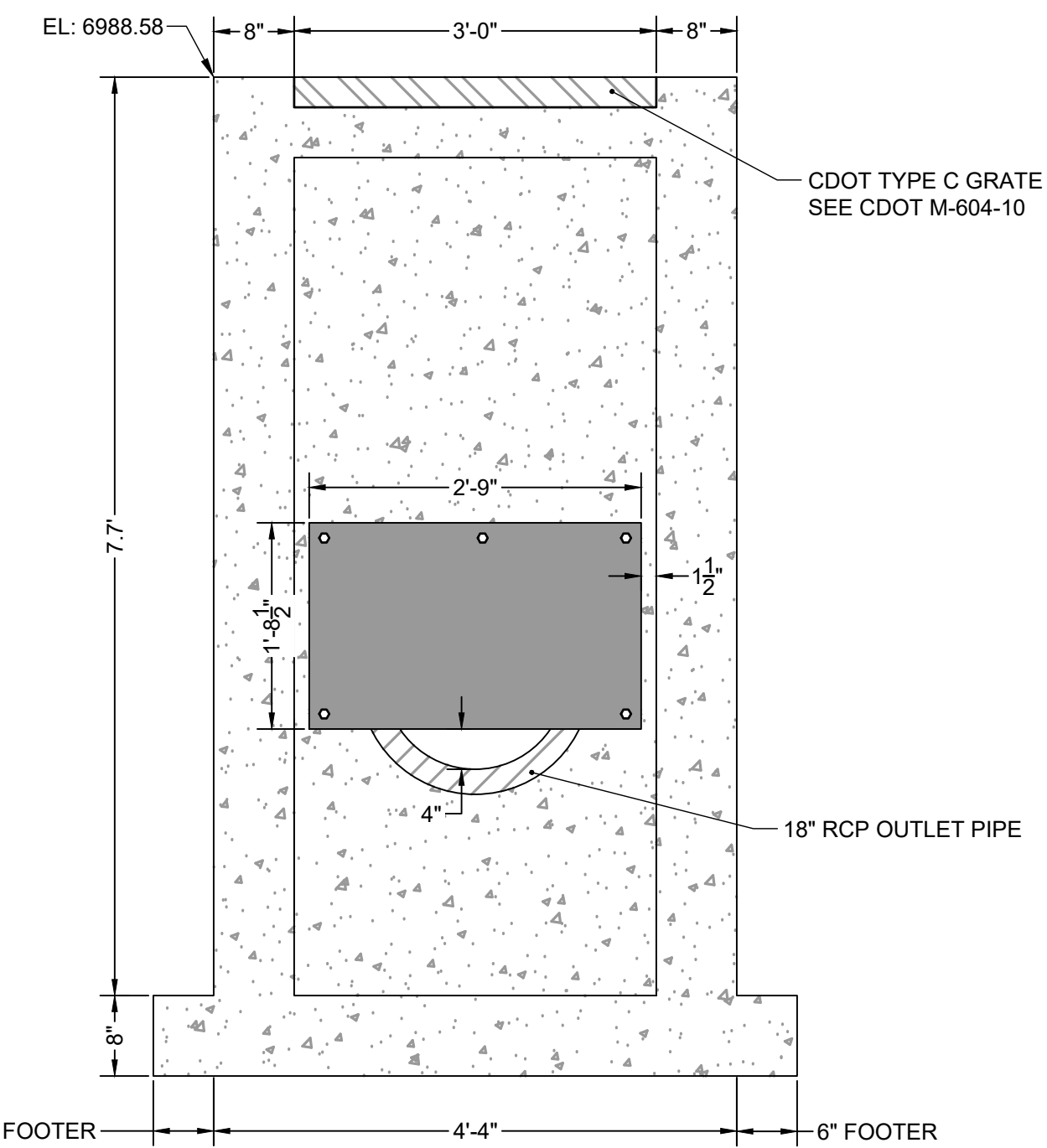
ELEVATION VIEW
FRONT FACE
SCALE: 3/4" = 1'



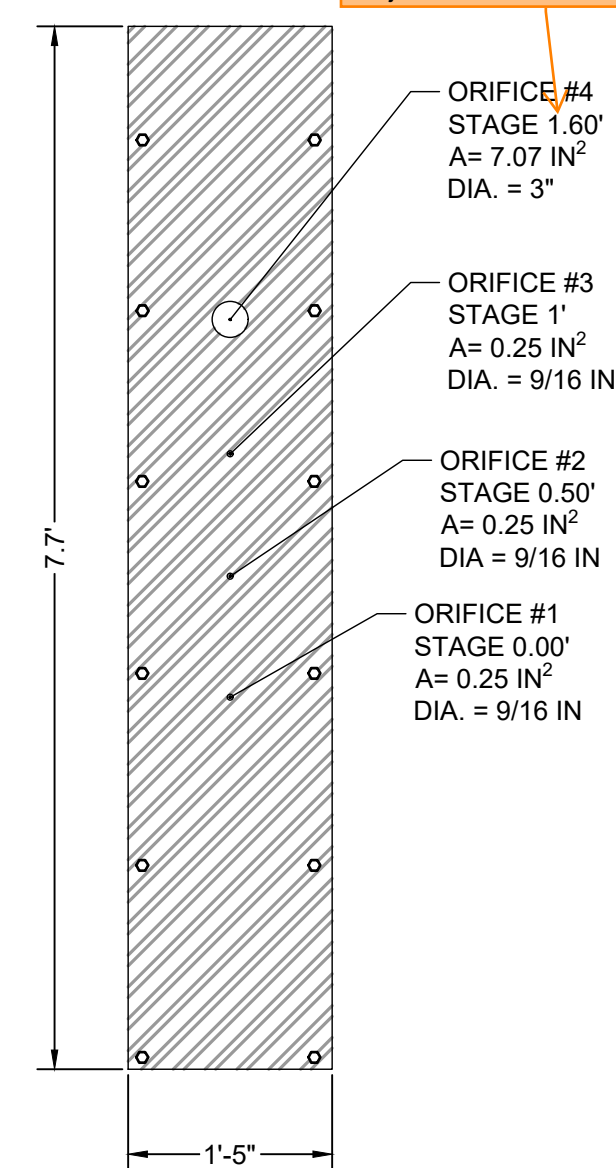
ELEVATION VIEW
TRASH SCREEN
SCALE: 3/4" = 1'



ELEVATION VIEW
REAR FACE
SCALE: 3/4" = 1'



ELEVATION VIEW
ORIFICE PLATE DETAIL
SCALE: 3/4" = 1'



ELEVATION VIEW
ULTIMATE ORIFICE PLATE DETAIL
SCALE: 3/4" = 1'

On the MHFD calcs, this stage is actually for the invert of the orifice, unlike the other 3 orifices that are supposed to be at the centroid, which you have correctly shown below. So just revise this one callout.

ORIFICE PLATE NOTES:

1. PLATE TO BE 3/8" THICK GALVANIZED STEEL..
2. BOLT PLATE TO CONCRETE 16" O.C. MAX.
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE

TRASH SCREEN NOTES:

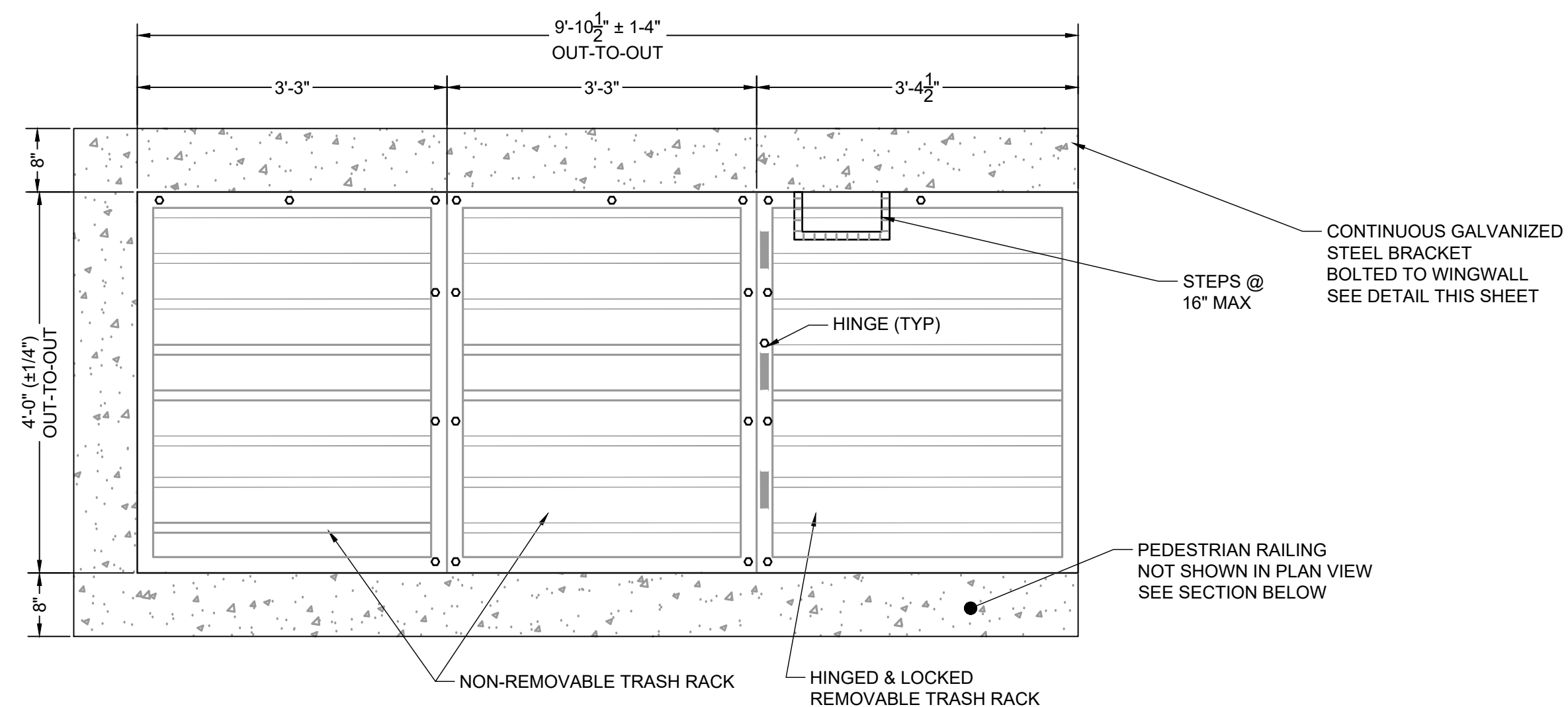
1. WELL-SCREEN TRASH RACKS SHALL BE STAINLESS STEEL AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
2. BAR GATE TRASH RACKS SHALL BE ALUMINUM AND SHALL BE BOLTED USING STAINLESS STEEL HARDWARE.
3. TRASH RACK OPEN AREAS ARE FOR SPECIFIED TRASH RACK MATERIALS. TOTAL TRASH RACK SIZE MAY NEED TO BE ADJUSTED FOR MATERIALS HAVING DIFFERENT OPEN AREA/GROSS AREA RATIO (R VALUE).
4. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.

TRASH RACK NOTES:

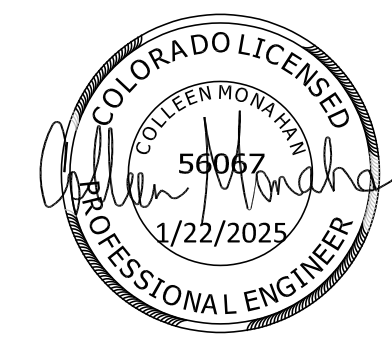
1. TRASH RACKS SHALL BE 1 1/2" SCH. 40 STEEL PIPE, GALVANIZED, @ 6" CENTERS. SUPPORT BARS SHALL BE 1/2" x 2" STEEL RECTANGULAR BARS, GALVANIZED, @ 36". ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE.
2. REMOVABLE TRASH RACK SECTIONS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED & LOCKABLE OR BOLTABLE ACCESS PANELS AS SHOWN ON THE PLANS.
3. STEEL TRASH RACKS SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
4. STRUCTURAL STEEL FOR GRATES, ORIFICE PLATES, AND BARS SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARD SPECIFICATIONS, SUBSECTION 712.06.
5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PLATES AND GRATING FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.

RESTRICTOR PLATE NOTES:

1. 3/8" THICK RESTRICTOR PLATE, GALVANIZED STEEL.
2. BOLT PLATE TO CONCRETE @ 12" O.C. MAX
3. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN PLATE AND CONCRETE



PLAN VIEW
TRASH RACK DETAIL
SCALE: N.T.S



EDARP FILING NO. CDR2321

DRAWN BY: ACH JOB DATE: 10/25/2024
 APPROVED: CMM JOB NUMBER: 201662.08
 CAD DATE: 1/20/2025
 CAD FILE: J:\2020\201662\CAD\DWG\CIE\Eastonville_Road_662.08\Segment_2\CDI\Road_CDs\Outlet_Structure_Details

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION

HR Green
 HR GREEN - COLORADO SPRINGS
 1975 RESEARCH PARKWAY SUITE 230
 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

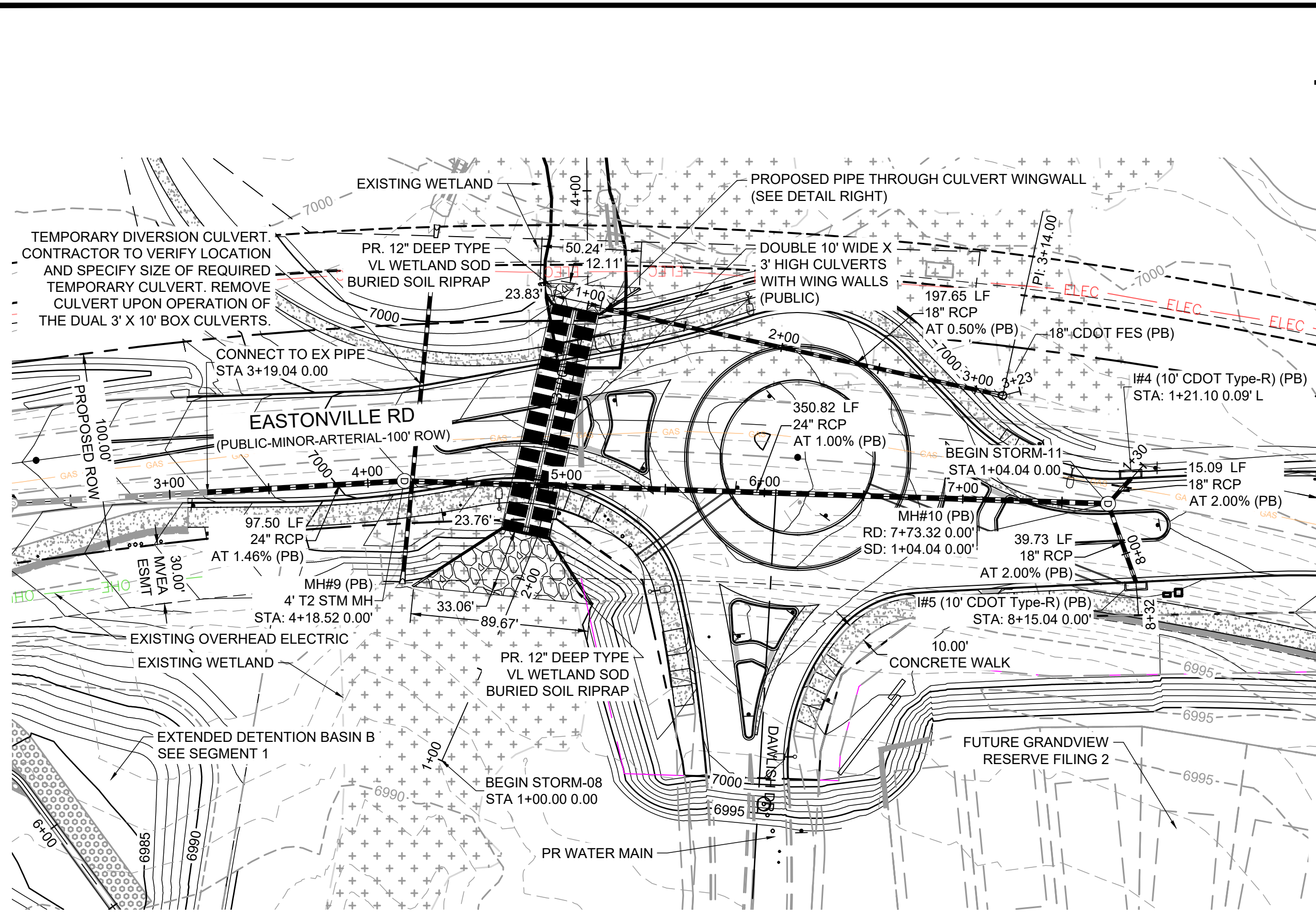


FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 EDB B ULTIMATE OUTLET STRUCTURE DETAILS II

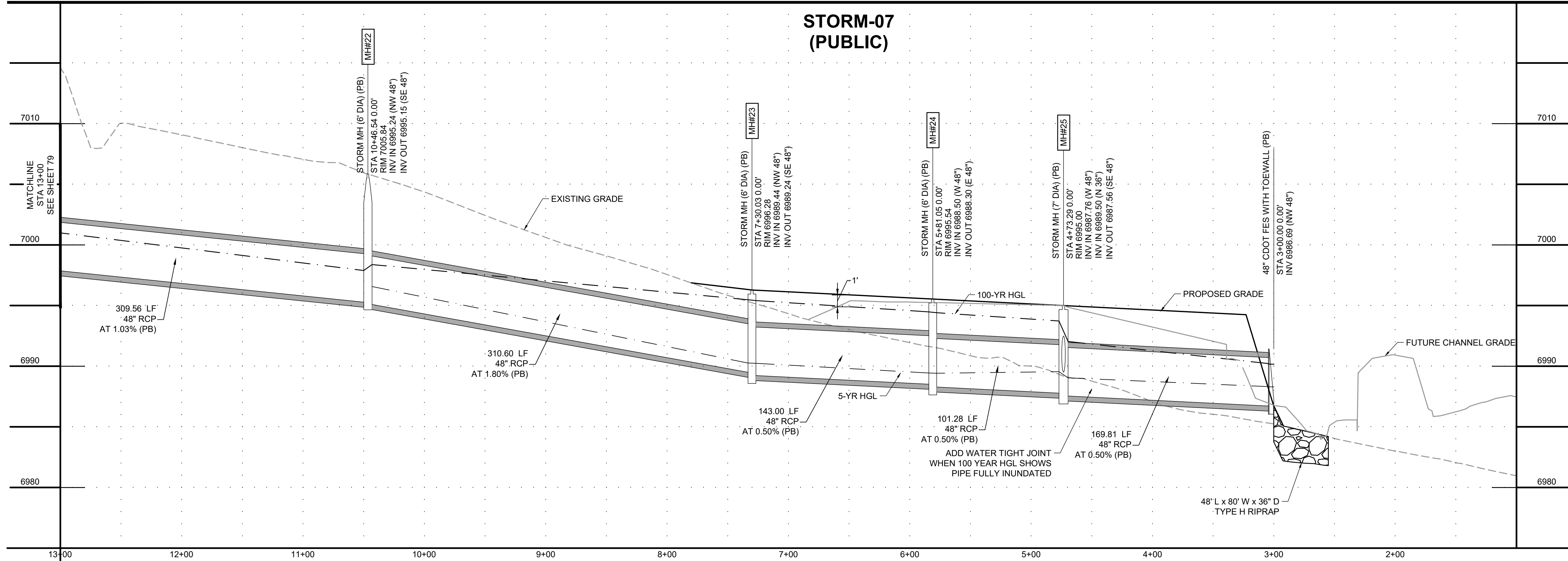
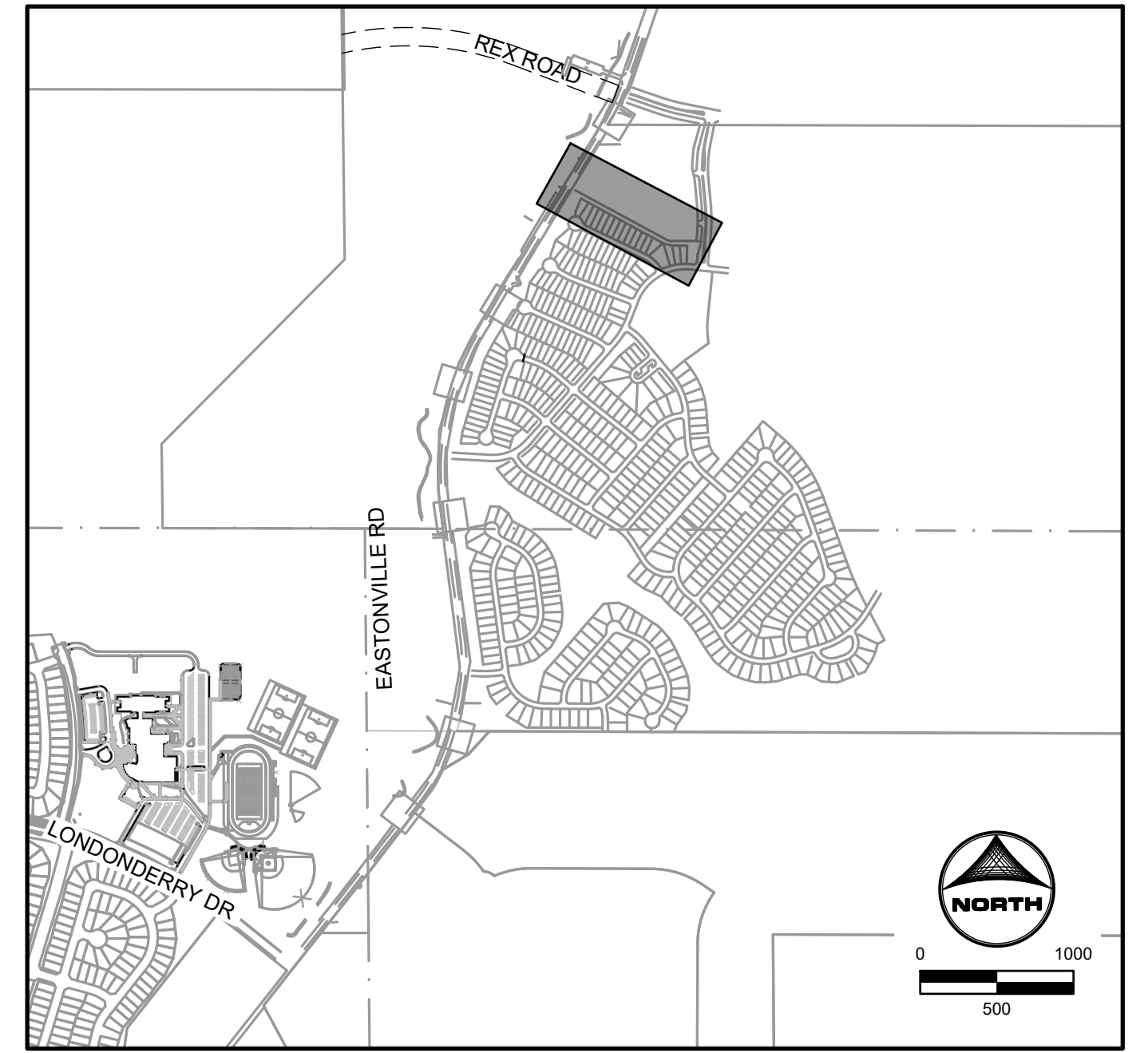
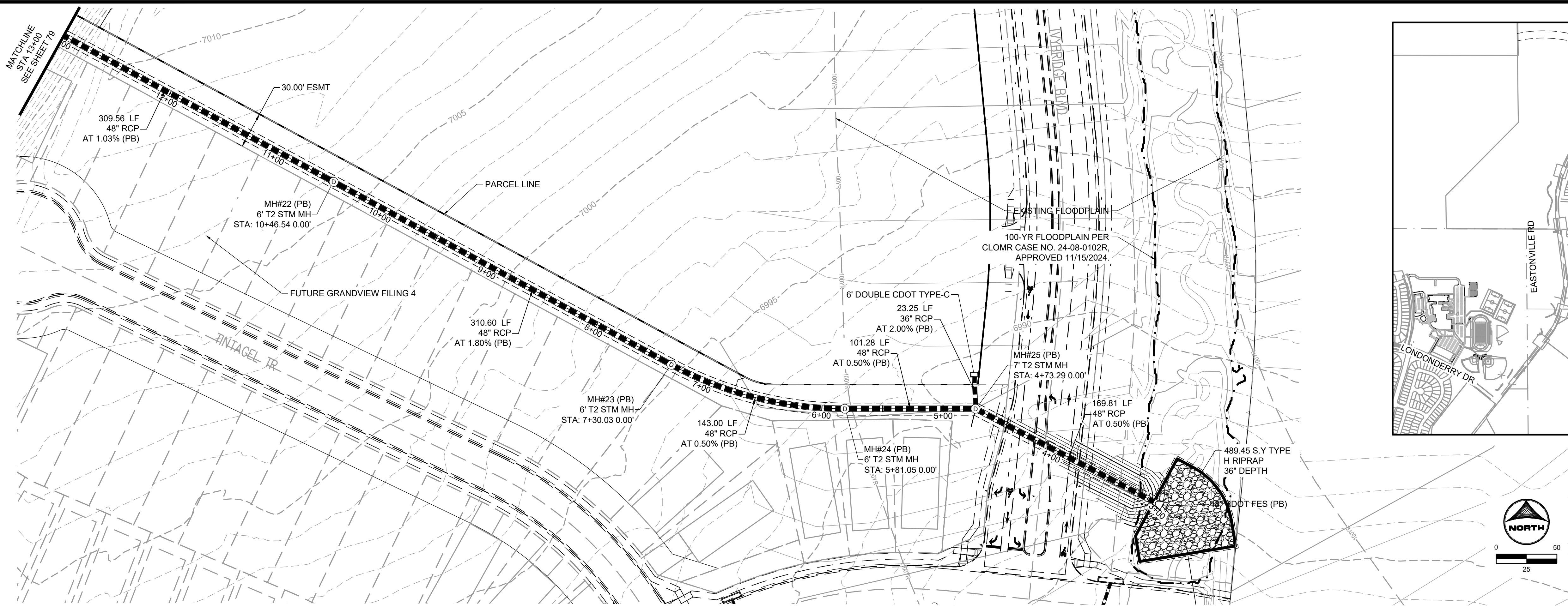
SHEET
PD.5
77

HR GREEN Xref: xref-1.dwg

HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 230 COLORADO SPRINGS CO 80920 PHONE: 719.300.4140 FAX: 713.965.0044
 EASTONVILLE ROAD IMPROVEMENTS DR. HORTON EL PASO COUNTY, COLORADO
 FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2) SHEET STM.1 78
 STORM PLAN & PROFILE I
 EDARP FILING NO. CDR2321
 COLORADO LICENSED PROFESSIONAL ENGINEER 50067 12/22/2025
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HR GREEN - COLORADO SPRINGS 1975 RESEARCH PARKWAY SUITE 230 COLORADO SPRINGS CO 80920 PHONE: 719.300.4140 FAX: 713.965.0044



STORM-07 (PUBLIC)

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 APPROVED: CPM JOB NUMBER: 201662.08
 CAD DATE: 1/20/2025
 CAD FILE: J:\2020\201662\CAD\DWG\CIEastonville_Road_662.08\Segment_3\CDI\Road_CDs\Storm_PN

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION

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 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

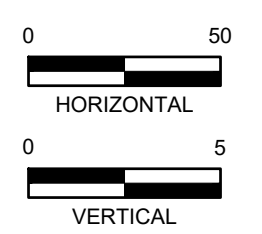
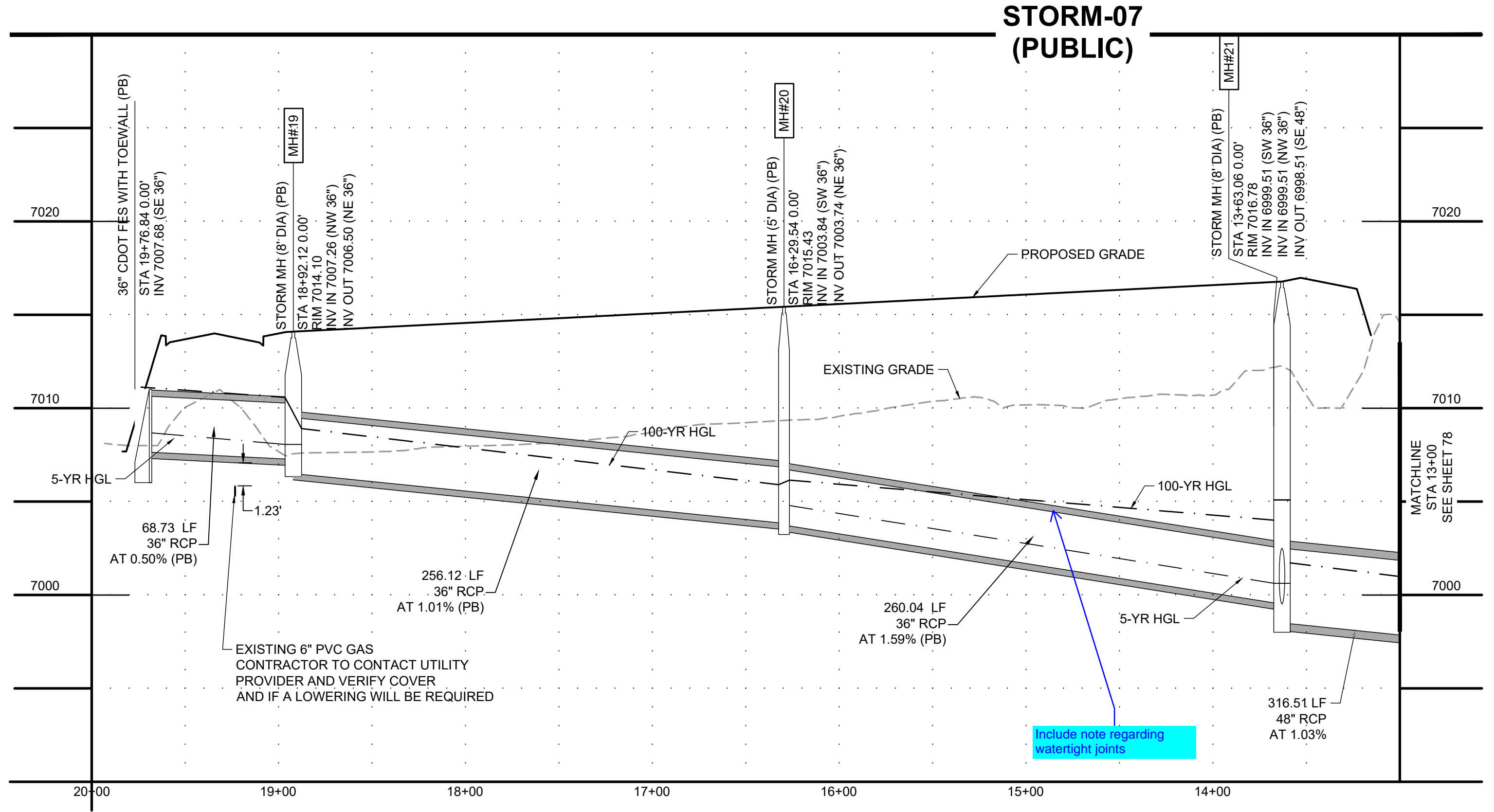
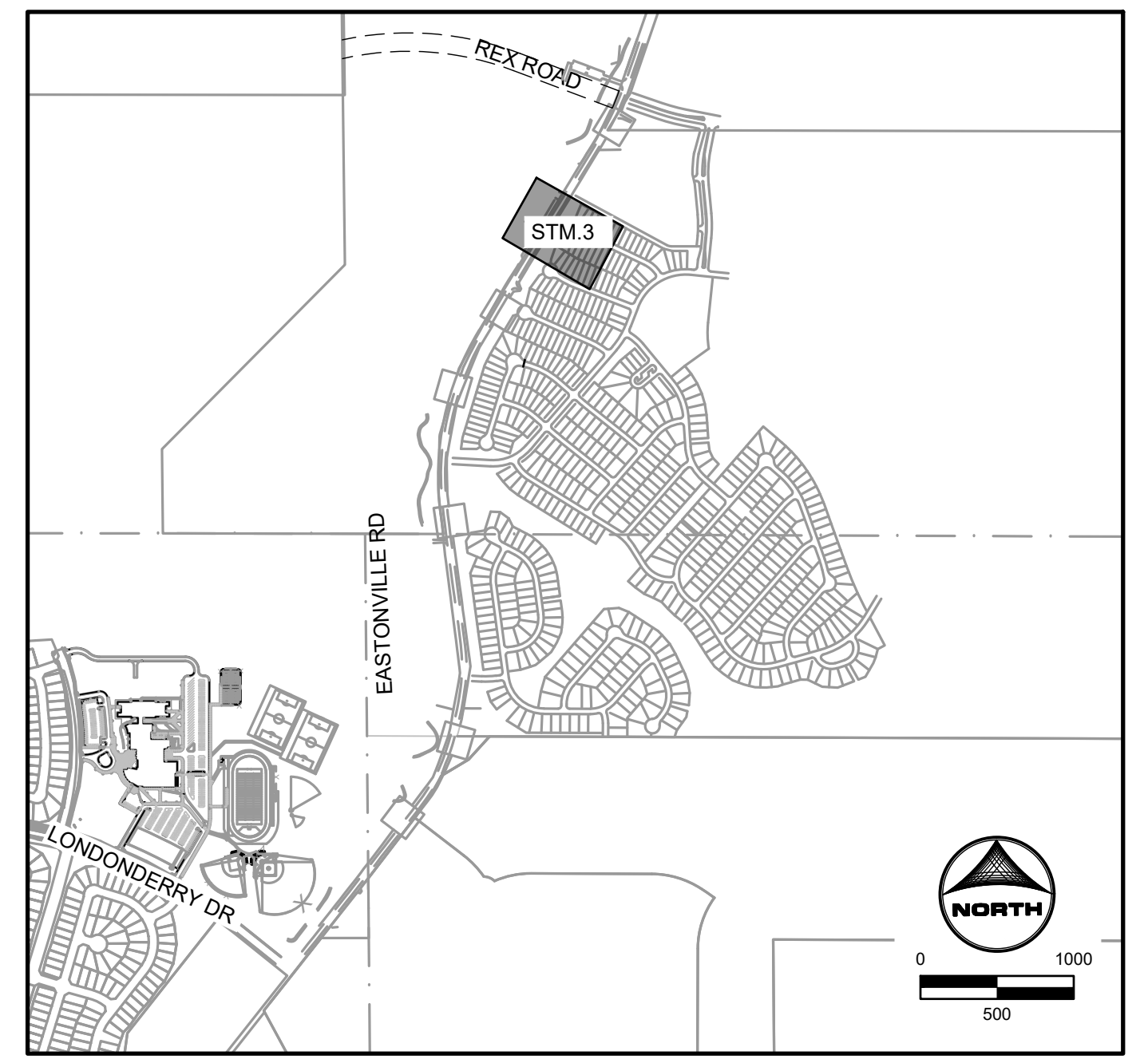
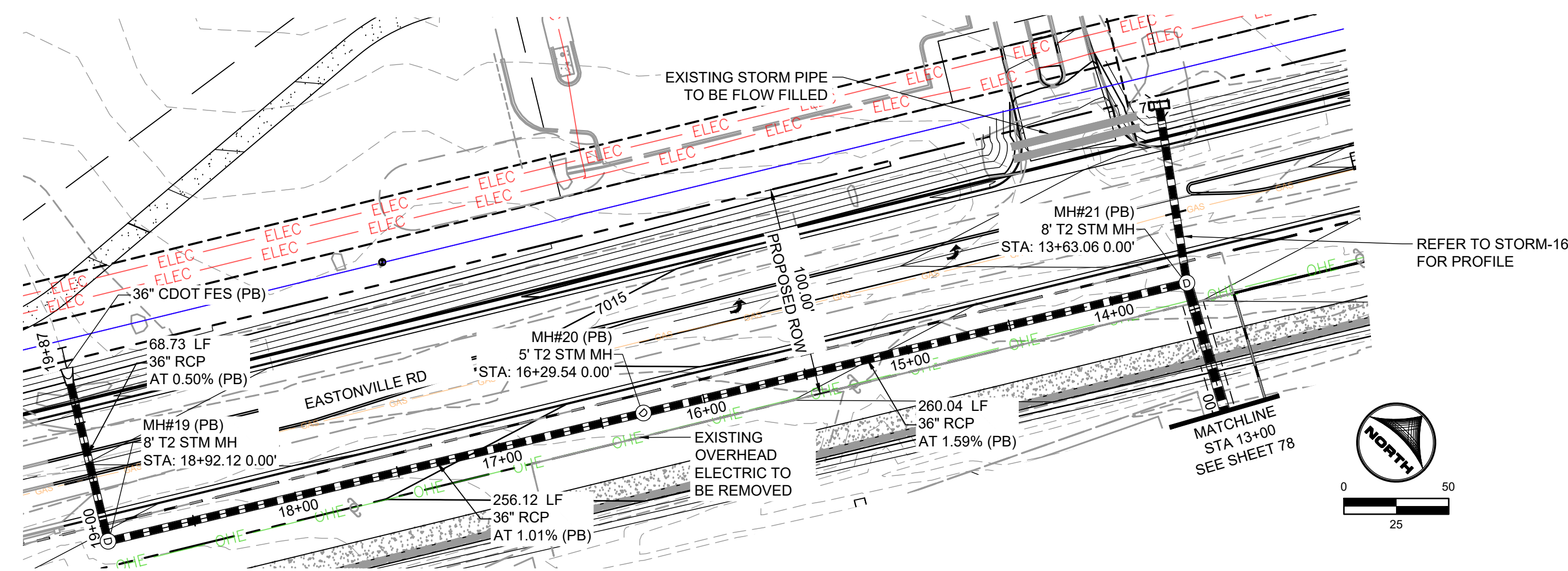
D-R HORTON
 America's Builder

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 STORM PLAN & PROFILE II



EDARP FILING NO. CDR2321

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 EASTONVILLE ROAD IMPROVEMENTS DR. HORTON EL PASO COUNTY, COLORADO
 FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2) SHEET STM.3 80
 STORM PLAN & PROFILE II
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 APPROVED: CPM JOB NUMBER: 201662.08 IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY
 CAD DATE: 1/20/2025
 CAD FILE: J:\2020\201662\CAD\Drawings\Eastonville_Road_662.08\Segment_3\CDD\Road_CDs\Storm_PNP



EDARP FILING NO. CDR2321

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APPROVED: CPM	JOB NUMBER: 201662.08	IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY
CAD DATE: 1/20/2025		
CAD FILE: J:\2020\201662\CAD\Drawings\Eastonville_Road_662.08\Segment_3\CDD\Road_CDs\Storm_PNP		

NO.	DATE	BY	REVISION DESCRIPTION

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 COLORADO SPRINGS CO 80920
 PHONE: 719.300.4140
 FAX: 713.965.0044

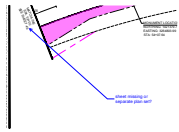
EASTONVILLE ROAD IMPROVEMENTS
DR. HORTON
 EL PASO COUNTY, COLORADO

FROM GRANDVIEW FILING 1 TO REX RD (SEGMENT 2)
 STORM PLAN & PROFILE II

SHEET
STM.3
80

V4_Construction Drawings - Segment 2.pdf Markup Summary

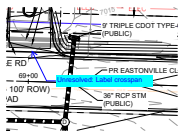
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Subject: Callout
Page Index: 5
Date: 2/11/2025 10:16:27 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [5] 47 RIGHT-OF-WAY EXHIBIT

sheet missing or separate plan set?

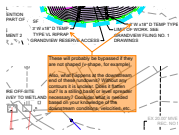
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Author: CDurham
Color: ■
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Page Label: [12] 54 PLAN & PROFILE III

Unresolved: Label crosspan

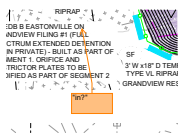
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Subject: SW - Textbox with Arrow
Page Index: 13
Date: 2/10/2025 12:11:20 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [13] 55 GRADING & EROSION CONTROL PLAN

These will probably be bypassed if they are not shaped (v-shape, for example).

Also, what happens at the downstream end of these rundowns? Without any contours it is unclear. Does it flatten out? Is a stilling basin or level spreader necessary? Consider what is needed based on your knowledge of the downstream conditions, velocities, etc.



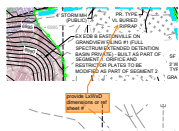
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Date: 2/10/2025 1:00:38 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Page Label: [13] 55 GRADING & EROSION CONTROL PLAN

"in?"



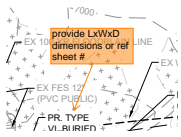
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Author: Glenn Reese - EPC Stormwater
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Page Label: [13] 55 GRADING & EROSION CONTROL PLAN

ON



Subject: SW - Textbox with Arrow
Page Index: 13
Date: 2/10/2025 1:41:43 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Page Label: [13] 55 GRADING & EROSION CONTROL PLAN

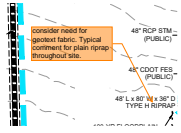
provide LxWxD dimensions or ref sheet #



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Page Index: 13
Date: 2/10/2025 1:41:41 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [13] 55 GRADING & EROSION CONTROL PLAN

provide LxWxD dimensions or ref sheet #

14 (5)



Subject: SW - Textbox with Arrow
Page Index: 14
Date: 2/10/2025 12:15:17 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Page Label: [14] 56 GRADING & EROSION CONTROL PLAN

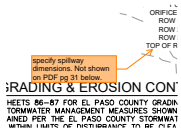
consider need for geotext fabric. Typical comment for plain riprap throughout site.



Subject: SW - Textbox with Arrow
Page Index: 14
Date: 2/10/2025 1:39:12 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 56 GRADING & EROSION CONTROL PLAN

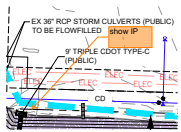
Sed Basin 1 or B? I think 1 based on PDF pg 31 below.

"1" is best anyway to keep from confusing this TSB with TSB B from Segment 1 (where EDB B is eventually going)



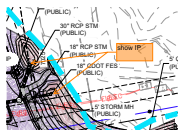
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Page Index: 14
Date: 2/10/2025 12:24:12 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Space:
Page Label: [14] 56 GRADING & EROSION CONTROL PLAN

specify spillway dimensions. Not shown on PDF pg 31 below.



Subject: SW - Textbox with Arrow
Page Index: 14
Date: 2/10/2025 1:42:20 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 56 GRADING & EROSION CONTROL PLAN

show IP



Subject: SW - Textbox with Arrow
Page Index: 14
Date: 2/10/2025 1:42:30 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
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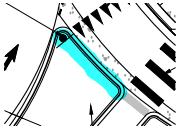
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15 (2)



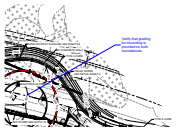
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Page Index: 15
Date: 2/11/2025 9:56:01 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [15] 57 Dawlish Roundabout Signing & Striping

See comments on roundabout analysis



Subject:
Page Index: 15
Date: 2/11/2025 10:03:21 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [15] 57 Dawlish Roundabout Signing & Striping

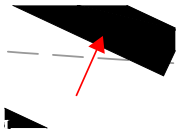
17 (1)



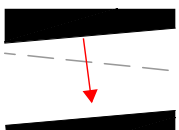
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Date: 2/11/2025 10:24:42 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [17] 59 Dawlish Roundabout Grading

Verify that grading for mounding is provided on both roundabouts.

20 (4)



Subject: Arrow
Page Index: 20
Date: 2/10/2025 5:27:54 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [20] 62 DAWLISH ROUNDABOUT DETAILED GRADING III

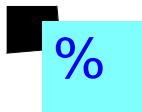


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Page Index: 20
Date: 2/10/2025 5:28:00 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [20] 62 DAWLISH ROUNDABOUT DETAILED GRADING III



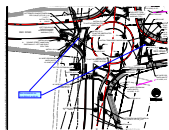
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Date: 2/10/2025 5:28:16 PM
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Page Label: [20] 62 DAWLISH ROUNDABOUT DETAILED GRADING III

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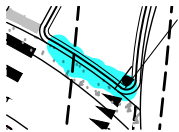
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22 (3)

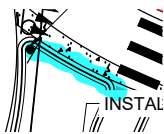


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Page Index: 22
Date: 2/11/2025 10:01:58 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [22] 64 Rex Roundabout SIGNING AND Striping

See comments on roundabout analysis

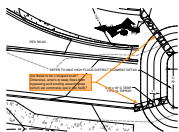


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Author: Jeff Rice - EPC Engineering Review
Color: ■
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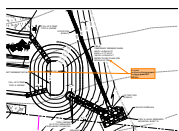
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Date: 2/11/2025 10:03:03 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [22] 64 Rex Roundabout SIGNING AND Striping

31 (6)



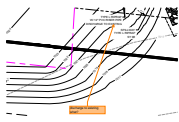
Subject: SW - Textbox with Arrow
Page Index: 31
Date: 2/10/2025 12:20:31 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [31] 73 POND PLAN - TSB

Are these to be v-shaped at all? Otherwise, what's to keep flows from bypassing and eroding around riprap (which we commonly see in the field)?



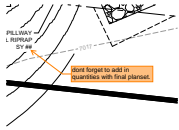
Subject: SW - Textbox with Arrow
Page Index: 31
Date: 2/10/2025 12:21:07 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [31] 73 POND PLAN - TSB

to avoid confusion/discrepancies, combine these two callouts



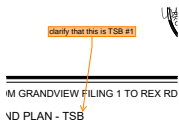
Subject: SW - Textbox with Arrow
Page Index: 31
Date: 2/10/2025 12:22:11 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [31] 73 POND PLAN - TSB

discharge to existing what?



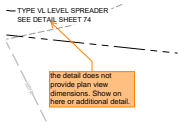
Subject: SW - Textbox with Arrow
Page Index: 31
Date: 2/10/2025 12:24:43 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [31] 73 POND PLAN - TSB

dont forget to add in quantities with final planset.



Subject: SW - Textbox with Arrow
Page Index: 31
Date: 2/10/2025 12:25:43 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [31] 73 POND PLAN - TSB

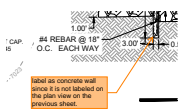
clarify that this is TSB #1



Subject: SW - Textbox with Arrow
Page Index: 31
Date: 2/10/2025 12:26:07 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [31] 73 POND PLAN - TSB

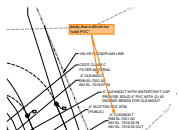
the detail does not provide plan view dimensions. Show on here or additional detail.

32 (7)



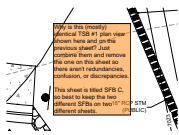
Subject: SW - Textbox with Arrow
Page Index: 32
Date: 2/10/2025 12:26:40 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [32] 74 POND PLANS - SAND FILTER C

label as concrete wall since it is not labeled on the plan view on the previous sheet.



Subject: SW - Textbox with Arrow
Page Index: 32
Date: 2/10/2025 12:29:37 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [32] 74 POND PLANS - SAND FILTER C

clarify that it should be "solid PVC"



Subject: SW - Textbox
Page Index: 32
Date: 2/10/2025 2:35:25 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [32] 74 POND PLANS - SAND FILTER C

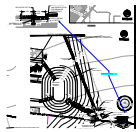
Why is this (mostly) identical TSB #1 plan view shown here and on the previous sheet? Just combine them and remove the one on this sheet so there aren't redundancies, confusion, or discrepancies.

This sheet is titled SFB C, so best to keep the two different SFBs on two different sheets.



Subject: SW - Textbox with Arrow
Page Index: 32
Date: 2/10/2025 2:07:06 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [32] 74 POND PLANS - SAND FILTER C

For all ponds:
Since these will be maintained by EPC, please provide a basic form of access restriction like two bollards and a chain to prevent access from the public. The "gate" should be far enough away from Eastonville such that a maintenance vehicle can still turn on to the access road to then safely get out and unlock it.



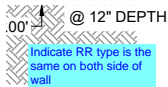
Subject: Callout
Page Index: 32
Date: 2/10/2025 5:34:57 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [32] 74 POND PLANS - SAND FILTER C

Verify depth of riprap



Subject: Text Box
Page Index: 32
Date: 2/10/2025 5:35:47 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [32] 74 POND PLANS - SAND FILTER C

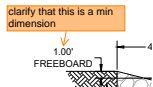
%



Subject: Text Box
Page Index: 32
Date: 2/10/2025 5:36:13 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [32] 74 POND PLANS - SAND FILTER C

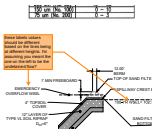
Indicate RR type is the same on both side of wall

33 (2)



Subject: SW - Textbox with Arrow
Page Index: 33
Date: 2/10/2025 2:39:36 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [33] 75 POND PLANS - SAND FILTER C
OUTLET

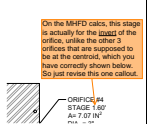
clarify that this is a min dimension



Subject: SW - Textbox with Arrow
Page Index: 33
Date: 2/10/2025 2:41:10 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [33] 75 POND PLANS - SAND FILTER C OUTLET

these labels values should be different based on the lines being at different heights. I'm assuming you meant the one on the left to be the undetained flow?

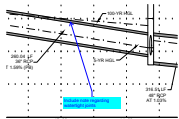
35 (1)



Subject: SW - Textbox with Arrow
Page Index: 35
Date: 2/10/2025 4:06:06 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [35] 77 EDB B ULTIMATE OUTLET STRUCTURE DETAILS II

On the MIFD calcs, this stage is actually for the invert of the orifice, unlike the other 3 orifices that are supposed to be at the centroid, which you have correctly shown below. So just revise this one callout.

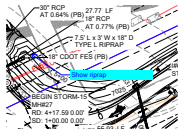
38 (1)



Subject: Callout
Page Index: 38
Date: 2/10/2025 5:43:38 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [38] 80 STORM PLAN & PROFILE II

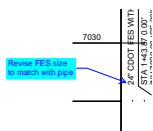
Include note regarding watertight joints

39 (3)



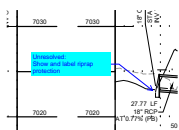
Subject: Callout
Page Index: 39
Date: 2/10/2025 5:44:40 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [39] 81 STORM PLAN & PROFILE III

Show riprap



Subject: Callout
Page Index: 39
Date: 2/10/2025 5:47:50 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [39] 81 STORM PLAN & PROFILE III

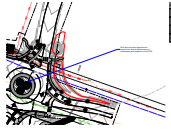
Revise FES size to match with pipe



Subject: Callout
Page Index: 39
Date: 2/10/2025 5:48:49 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [39] 81 STORM PLAN & PROFILE III

Unresolved:
 Show and label riprap protection

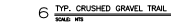
55 (1)



Subject: Callout
Page Index: 55
Date: 2/11/2025 10:23:06 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [55] 97 Landscape Plan

Note that a license agreement is required for district maintenance of landscaping and irrigation in the ROW.

56 (1)



Subject: Text Box
Page Index: 56
Date: 2/11/2025 10:20:57 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [56] 98 Landscape Details

Provide roundabout center mounding profile (6:1 slopes)