

GRANDVIEW FILING 2 WATER AND WASTEWATER CONSTRUCTION DOCUMENTS

COUNTY OF EL PASO, STATE OF COLORADO

LANDSCAPE PLAN

SEPTEMBER 2024

GENERAL LANDSCAPE PLAN NOTES:

*A FINAL LANDSCAPE AND IRRIGATION PLAN SHALL BE SUBMITTED AND REVIEWED CONCURRENT WITH BUILDING PERMIT SUBMITTAL AND APPROVED PRIOR TO ISSUANCE OF A BUILDING PERMIT.

1. LANDSCAPE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES NECESSARY TO FURNISH AND INSTALL LANDSCAPE ELEMENTS AND PLANTINGS AS SPECIFIED HEREIN AND AS SHOWN ON THESE PLANS.
2. NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT LANDSCAPE ARCHITECT'S APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CANNOT BE OBTAINED. OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REVISE PLANT LIST AS DEEMED NECESSARY.
3. ALL PLANT LOCATIONS ARE APPROXIMATE. ADJUST AS NECESSARY TO AVOID CONFLICTS.
4. QUANTITIES OF MATERIALS SHOWN ON THE PLANTING PLAN TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT MATERIAL SCHEDULE. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.
5. CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE WORK. UTILITIES HAVE BEEN SHOWN ON PLAN FOR ROUGH LOCATION OF SERVICES. LOCATE EXACT UTILITY LOCATIONS BY CONTACTING "CALL BEFORE YOU DIG" AT (800) 922-1987 OR 811. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE HE MAY CAUSE TO UTILITIES.
6. REMOVE ALL RUBBISH, EQUIPMENT, AND MATERIAL AND LEAVE THE AREA IN A NEAT, CLEAN CONDITION EACH DAY. MAINTAIN PAVED AREAS UTILIZED FOR HAULING EQUIPMENT AND MATERIALS BY OTHER TRADES IN A CLEAN AND UNOBSTRUCTED CONDITION AT ALL TIMES.
7. STORAGE OF ANY MATERIALS, BUILDINGS, VEHICLES OR EQUIPMENT, FENCING AND WARNING SIGNS SHALL BE MAINTAINED THROUGHOUT THE SITE WORK AND CONSTRUCTION PERIODS BY THE CONTRACTOR.
8. ALL INTERNAL LANDSCAPE AND OPEN SPACE AREAS SHALL BE OWNED AND MAINTAINED BY A HOME OWNERS ASSOCIATION (TO BE NAMED) AFTER INITIAL INSTALLATION BY THE OWNER. THE HOA (TO BE NAMED) WILL BE SET UP BY THE EVENTUAL MANAGEMENT COMPANY.
9. STREET TREES, STREETScape IMPROVEMENTS, AND VEGETATION WITHIN THE CITY ROW SHALL BE MAINTAINED BY THE HOA (TO BE NAMED) OR CURRENT PROPERTY OWNER.
10. ACCESSIBLE ROUTES, INCLUDING RAMPS AND SIDEWALKS, WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PER THE CITY'S STANDARD DRAWINGS AND SPECIFICATIONS. CITY'S INSPECTOR WILL HAVE THE FINAL AUTHORITY ON ACCEPTING THE PUBLIC IMPROVEMENTS.
11. LANDSCAPE IMPROVEMENTS AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF HOA (TO BE NAMED) OR CURRENT OWNER.

IRRIGATION:

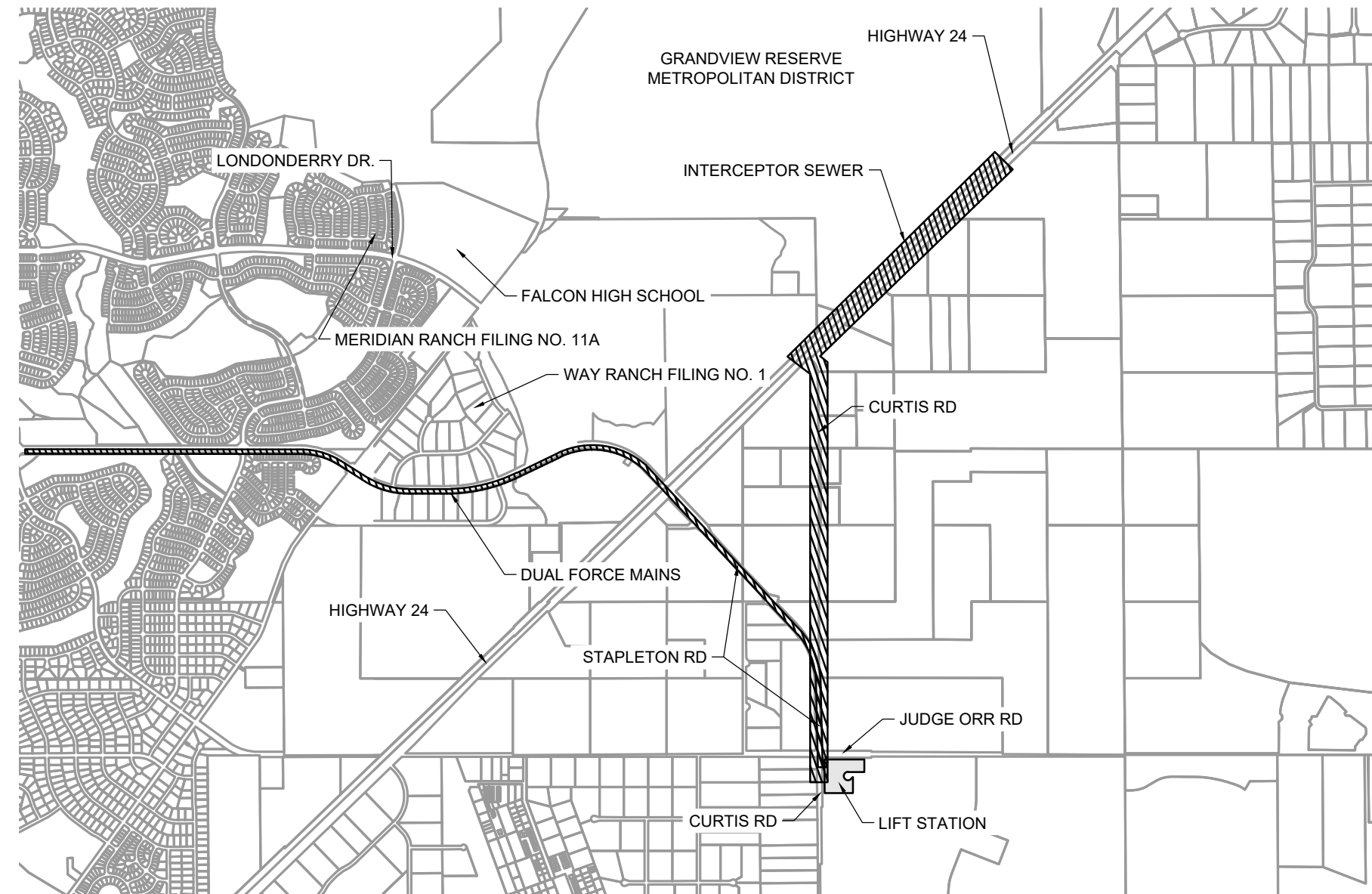
1. AN IRRIGATION PLAN SHALL BE SUBMITTED AND REVIEWED CONCURRENT WITH BUILDING PERMIT SUBMITTAL AND APPROVED PRIOR TO ISSUANCE OF A BUILDING PERMIT.
 - 1.1. ALL SHRUBS AND TREES SHALL BE DRIP IRRIGATED. ALL TREES LOCATED WITHIN SOD TURF AREAS SHALL BE WATERED BY ADJACENT SOD IRRIGATION SYSTEM.
 - 1.2. ALL NATIVE LOW GROW SEEDING SHALL BE TEMPORARILY IRRIGATED UNTIL ESTABLISHMENT. A PERMANENT IRRIGATION SYSTEM SHALL BE REQUIRED FOR DETENTION SEEDING.
11. THE CONTRACTOR SHALL PROVIDE WATER, WATERING DEVICES, AND LABOR NEEDED TO IRRIGATE PLANT MATERIALS UNTIL AUTOMATIC IRRIGATION SYSTEMS ARE OPERATIONAL AND ACCEPTED. THE CONTRACTOR SHALL SUPPLY ENOUGH WATER TO MAINTAIN THE PLANTS HEALTHY CONDITION BASED ON SEASONAL CONSIDERATIONS.

SHRUB/TREE PLANTING NOTES:

1. OWNER AND OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT AT ANY TIME OR PLACE PRIOR TO FINAL ACCEPTANCE OF WORK, ANY AND ALL PLANTS WHICH, IN THEIR OPINION, FAIL TO MEET THE REQUIREMENTS OF THE SPECIFICATIONS.
2. ALL TREE AND SHRUB LOCATIONS ARE APPROXIMATE; ADJUST AS NECESSARY TO AVOID CONFLICTS. PLANTING LOCATIONS OF SHRUBS, GRASSES AND PERENNIALS AS SPECIFIED. OBTAIN OWNERS REPRESENTATIVE'S APPROVAL OF LOCATIONS PRIOR TO PLANTING TREES AND SHRUBS.
3. ALL PLANT MATERIAL SHALL BE WELL-FORMED AND DEVELOPED IN GOOD CONDITION, HEALTHY AND DISEASE FREE, AND BE TYPICAL OF THE SPECIES.
4. PLANTS SHALL COMPLY IN ALL APPLICABLE RESPECTS WITH ACCEPTABLE STANDARDS SET FORTH IN THE COLORADO NURSERY ACT OF 1965 - TITLE 35, ARTICLE 25, CRS 1974 (SEE LANDSCAPE THE NURSERY ACT).
5. AT THE COMPLETION OF PLANTING OPERATIONS ALL PLANTS SHALL BE INSPECTED BY THE OWNER AND OWNERS'S REPRESENTATIVE. CONTRACTOR SHALL REPLACE IMMEDIATELY ANY PLANTS NOT IN HEALTHY AND VIGOROUS CONDITION AT THAT TIME AT NO EXPENSE TO THE OWNER. ANY PLANT NOT IN HEALTHY CONDITION DURING THE WARRANTY PERIOD SHALL BE REPLACED AS PER THE ORIGINAL SPECIFICATIONS, AT NO CHARGE TO THE OWNER.
6. PLANTS ARE TO BE SELECTED AND SIZED AS SHOWN ON THE PLANT SCHEDULE.
7. PLANTS BED RECEIVING MULCH ARE TO BE FREE OF WEEDS AND GRASS. TREAT BEDS WITH A PRE-EMERGENT HERBICIDE PRIOR TO PLANTING AND MULCH PLACEMENT. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE. DO NOT APPLY HERBICIDE IN PERENNIAL BEDS.
8. POROUS WEED BARRIER FABRIC, AS NOTED IN THE SPECIFICATIONS, SHALL BE INSTALLED WHERE ROCK AREAS ARE PRESENT.
9. USE TRIANGULAR SPACING IN ALL GROUND COVER AND PERENNIAL BEDS.
10. ALL WORK ON TREES TO REMAIN, INCLUDING CROWN AND ROOT PRUNING SHALL BE PERFORMED BY A TREE SERVICE LICENSED BY THE CITY FORESTER.

SODDING & SEEDING:

1. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EXISTING EROSION CONTROL MEASURES DURING THE DURATION OF WORK ON-SITE.
2. ALL PROPOSED TURF AND PLANTING AREAS ARE TO BE ROTO-TILLED TO A DEPTH OF 8". FINE GRADE, AND REMOVE ALL CONSTRUCTION DEBRIS AND ROCKS OVER 1" IN DIAMETER FROM THE SITE.
3. AFTER TILLING APPLY SOIL AMENDMENTS & FERTILIZERS TO ALL TURF AND PLANTING AREAS. GRADE SHALL BE ADJUSTED FOR SOD THICKNESS. ALL FINISH GRADING SHALL BE PERFORMED BY LANDSCAPE CONTRACTOR.
4. FINE GRADE SOD AREAS TO ELIMINATE IRREGULARITIES ON THE SURFACE. ROLL OR PERFORM ADDITIONAL FINE GRADING.
5. ALL AREAS TO BE SEEDED SHALL BE TILLED AS SPECIFIED AND THEN HARROWED, RAKED OR ROLLED TO PRODUCE A FIRM SEED BED FOR PLANTING. IMPORTED TOPSOIL MAY BE REQUIRED TO PROVIDE AN ACCEPTABLE PLANTING MEDIUM. LARGE ROCKS (1" DIAMETER) AND DEBRIS THAT MAY IMPEDE SEEDING SHALL BE CLEARED FROM THE SITE. ANY REQUIRED EROSION CONTROL FEATURES (E.G., WATER BARS, BERMS, BASINS, TURNOUTS) SHALL BE CONSTRUCTED PRIOR TO SEEDING. SITES THAT ARE NOT ADEQUATELY PREPARED PRIOR TO SEEDING (E.G., COMPACTED SOIL, INSUFFICIENT TOPSOIL, ROCKY, ERODED SURFACE, ETC.) SHALL BE REJECTED.
6. ALL SPECIFIED SEED MIXES SHALL CONSIST OF CERTIFIED SEE VARIETIES THAT ARE FREE OF NOXIOUS WEEDS AND HAVE BEEN TESTED FOR PURITY AND GERMINATION WITHIN SIX MONTHS OF THE PLANTING DATE. CERTIFICATION LABELS WHICH INDICATE THE SPECIES, PURITY, GERMINATION, WEED CONTENT, ORIGIN, AND TEST DATE SHALL BE SUBMITTED FOR ALL SEED MATERIALS.
7. SEEDING SHALL OCCUR DEPENDING ON THE PROJECT SCHEDULE, IT IS PREFERABLE THAT SEEDING OCCUR DURING THE FALL (SEPTEMBER-NOVEMBER) OR SPRING (MARCH-MAY) TO MAXIMIZE PLANTING SUCCESS. IF THE PROJECT SCHEDULED DOES NOT COINCIDE WITH THE PREFERRED SEEDING PERIODS, OR THERE ARE UNSUITABLE SITE CONDITIONS (I.E. FROZEN GROUND), THEN SOIL STABILIZATION AND/OR STORM WATER BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED TO STABILIZE THE AREA UNTIL THE NEXT APPROPRIATE SEEDING DATE.
8. ANY SEEDING CONDUCTED OUTSIDE THE PREFERRED MONTHS SHALL BE APPROVED BY THE OWNER.



VICINITY MAP
1"=2500'

SHEET INDEX

LEGEND
SUBSTITUTE LANDSCAPING PLAN COVER
SUBSTITUTE LANDSCAPING PLAN

SHEET NO.

C100
C-109
C-110

GENERAL NOTES

1. BASE MAP INFORMATION IS ACCURATE AS OF THE DATE PRINTED ON THIS PACKAGE.
2. THE LANDSCAPE PLANS CONTAINED HEREIN ILLUSTRATE APPROXIMATE LOCATIONS OF ALL SITE CONDITIONS. REFER TO SURVEY, ARCHITECTURAL, CIVIL ENGINEERING, STRUCTURAL, ELECTRICAL, IRRIGATION AND ALL OTHER DRAWINGS, IF AVAILABLE, FOR ADDITIONAL DETAILED INFORMATION.
3. THE CONTRACTOR SHALL APPLY FOR AND PROCURE ALL REQUIRED PERMITS PRIOR TO COMMENCING WORK.
4. THE CONTRACTOR SHALL COMPLY WITH ALL CODES APPLICABLE TO THIS WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH SUBCONTRACTORS AND OTHER CONTRACTORS OF RELATED TRADES, AS REQUIRED, TO ACCOMPLISH THE PLANTING AND RELATED OPERATIONS.
6. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL PLANT MATERIAL WITH THE INSTALLATION OF OTHER IMPROVEMENTS SUCH AS HARDSCAPE ELEMENTS AND RELATED STRUCTURES. ANY DAMAGE TO EXISTING IMPROVEMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR.
7. THE CONTRACTOR IS RESPONSIBLE TO RESTORE ALL AREAS OF THE SITE, OR ADJACENT AREAS, WHERE DISTURBED BY OPERATIONS OF OR RELATED TO THE CONTRACTOR'S WORK.
8. LANDSCAPE EDGING SHALL BE REQUIRED BETWEEN WHERE ALL GROUND COVER TYPES CHANGE TO A DIFFERENT GROUND COVER. SEE SPECIFICATIONS DETAIL.
9. ALL AREAS DESIGNED TO RECEIVE SOLID SOD SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO GRASSING OPERATIONS. FINISH GRADE AT TURF AREAS SHALL BE 3/4"-1" BELOW TOP OF ADJACENT PAVEMENT OR CURBS.
10. CONTRACTOR SHALL FIELD ADJUST PLANT LOCATIONS TO ACCOMMODATE ALL LIGHTING AND ENSURE PLANTS WILL NOT INTERFERE WITH LIGHTING.
11. FERTILIZING, AS SPECIFIED, STAKING, WATERING AND ONE (1) YEAR PLANT WARRANTY FOR INSTALLED PLANT MATERIAL, SHALL BE CONSIDERED INCIDENTAL TO THE PLANT ITEMS.
12. WARRANTY: ONE (1) YEAR REPLACEMENT WARRANTY FOR ALL PLANT MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THIS PROJECT. WARRANTY SHALL COVER PLANTS WHICH HAVE DIED OR PARTIALLY DIED (THEREBY RUINING THEIR NATURAL SHAPE), BUT SHALL NOT INCLUDE DAMAGE BY VANDALISM, BROWSING, HAIL, ABNORMAL FREEZES, DROUGHT OR NEGLIGENCE BY THE OWNER. THE WARRANTY IS INTENDED TO COVER CONTRACTOR NEGLIGENCE, INFESTATIONS, DISEASE AND DAMAGE OR SHOCK TO PLANTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND WATERING THE PLANT MATERIAL AS NECESSARY, TO ENSURE GROWTH AND ESTABLISHMENT DURING THE 1-YEAR WARRANTY PERIOD. ANY PLANTS THAT ARE NOT IN A LIVE, HEALTHY, GROWING CONDITION AT THE END OF THE 1-YEAR WARRANTY PERIOD SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. PLANTS REPLACED UNDER WARRANTY WILL BE WARRANTED FOR ONE (1) YEAR FOLLOWING REPLACEMENT.

APPROVALS:

ENGINEER'S STATEMENT (FOR STANDALONE GEC PLAN):

THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS PLAN.

GREG PANZE, P.E. DATE
FOR AND ON BEHALF OF HR GREEN, INC.

OWNER'S STATEMENT (FOR STANDALONE GEC PLAN):

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

OWNER'S SIGNATURE DATE

EL PASO COUNTY (STANDALONE GEC PLAN):

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. II 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 DIRECTOR'S DISCRETION.

JOSH PALMER, P.E. DATE
COUNTY ENGINEER / ECM ADMINISTRATOR

LANDSCAPE ARCHITECT

HR GREEN INC.
5619 DTC PARKWAY #1150
GREENWOOD VILLAGE, CO 80111
720.602.4999

PCD# - PPR-24-21

DRAWN BY: ACH JOB DATE: 12/20/2024
APPROVED: GLP JOB NUMBER: 201662.07
CAD DATE: 12/23/2024
CAD FILE: \\hrgreen.com\HRG\Data\2020\201662.07\CAD\DWG\C\lift_station\Elpaso county_LS_Cover

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
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NO.	DATE	BY	REVISION DESCRIPTION
1	12/20/24		ESC UPDATED



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SANITARY SEWER LIFT STATION
DESIGN & PERMITTING SERVICES
EL PASO COUNTY
PEYTON, CO



EROSION AND GRADING CONTROL PLANS
COVER SHEET

SHEET
TS1 01

HR GREEN Xrns: XV-Row; XV-Util; xgl-1-dh01-Ls; XC-Lift-Station; XC-Electrical; XC-Driveway; XC-Util; XC-Dagn; XC-Initial-EC; XV-Dagn; Legend; Erosion_Control_Key; 01-DC-San-Fm; XV-Fema; Plug Valve MH

LEGEND

	EXISTING	PROPOSED			
MATCH LINE					
PHASE LINE					
SECTION LINE					
PROPERTY LINE					
EASEMENT LINE					
ASSUMED EASEMENT					
RIGHT OF WAY					
CENTERLINE					
CHAIN LINK FENCE					
WOODEN FENCE					
ROD IRON FENCE					
GUARDRAIL					
CABLE TV					
U.G. ELECTRIC					
OVERHEAD ELECTRIC					
FIBER OPTIC					
GAS MAIN					
SANITARY SEWER					
STORM DRAIN					
TELEPHONE					
WATER MAIN					
SWALE					
TRAIL					
CURB & GUTTER					
DRAINAGE BASIN					
INDEX CONTOUR					
INTER. CONTOUR					
100-YR FLOODPLAIN					
FLOODWAY					
EDGE OF WETLANDS					
DRAINAGE					
DRAINAGE BASIN					
BASIN TAG					
DESIGN POINT					
ASPHALT					
GRAVEL					
100 YR FLOOD					
PENDING 100 YR FLOOD					
WETLANDS					

BMP LEGEND:

	(CWA)	CONCRETE WASHOUT AREA
	(CF)	CONSTRUCTION FENCE
	(DD)	DIVERSION DITCH
	(IP)	INLET PROTECTION
	(OP)	OUTLET PROTECTION
	(SF)	SILT FENCE
	(VTC)	VEHICLE TRACKING CONTROL
	(SSA)	STABILIZED STAGING AREA
	(LOC)	LIMITS OF CONSTRUCTION/DISTURBANCE
	(CD)	CHECK DAM
	(SM)	SEEDING AND MULCHING
	(SB)	SEDIMENT BASIN
	(SR)	SURFACE ROUGHENING
	(ECB)	EROSION CONTROL BLANKET
	(CIP)	CULVERT INLET PROTECTION
	(RS)	ROCK SOCK
	(SBB)	STRAW BALE BARRIER

STORM SEWER

	EXISTING	PROPOSED
MANHOLE		
STORM INLET		
FLARED END SECTION		
RIPRAP		

SANITARY SEWER

	EXISTING	PROPOSED
CLEAN OUT		
MANHOLE		
PLUG		

WATER

	EXISTING	PROPOSED
FIRE HYDRANT		
FIRE DEPT. CONNECTION		
GATE VALVE		
MANHOLE		
METER		
TEE		
REDUCER		

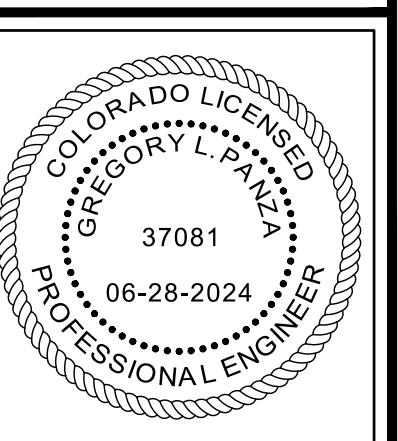
DRY UTILITIES

	EXISTING	PROPOSED
ELECTRIC METER		
ELECTRIC PEDESTAL		
ELECTRICAL CABINET		
ELECTRIC VAULT		
FIBER OPTIC PULL BOX		
FIBER OPTIC MANHOLE		
FIBER OPTIC PEDESTAL		
FIBER OPTIC SIGN		
FIBER OPTIC VAULT		
GAS METER		
GAS SIGN		
GAS VAULT		
TELEPHONE CABINET		
TELEPHONE MANHOLE		
TELEPHONE SIGNAL/MAST		
TELEPHONE SIGN		
TELEPHONE PEDESTAL		
TRANSFORMER		
LIGHT POLE		
FIBER OPTIC VAULT		

MISCELLANEOUS

	EXISTING	PROPOSED
SIGN		
BOLLARD		
ACCESSIBLE PARKING		

90% CONSTRUCTION DOCUMENTS



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CAD DATE: 9/16/2024		IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.
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SANITARY SEWER LIFT STATION
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EL PASO COUNTY
PEYTON, CO



CIVIL
LEGENDS

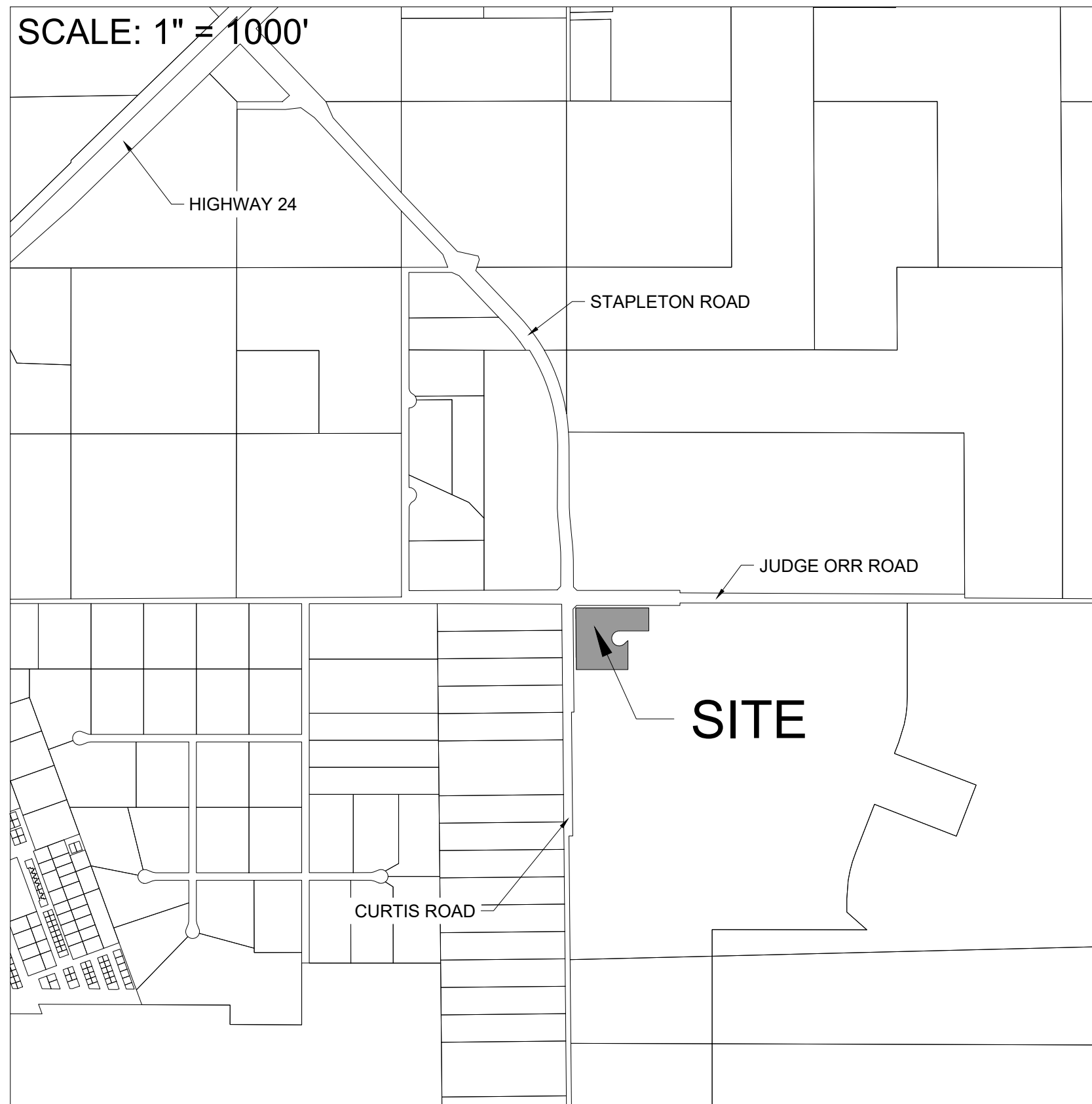
SHEET
C100

LANDSCAPE IMPROVEMENTS

- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE AND BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE LANDSCAPE LEGEND.
- THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS WHICH ARE DEEMED UNSATISFACTORY BEFORE, DURING, OR AFTER INSTALLATION.
- NO SUBSTITUTIONS OF PLANT MATERIAL SHALL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.
- ALL PLANTING STOCK SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK," ANSI-Z60, LATEST EDITION, OF THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIALS.
- EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED TO THE DRIP LINE FROM ALL CONSTRUCTION TRAFFIC, STORAGE MATERIALS, ETC. WITH 4' HT. ORANGE PLASTIC SAFETY FENCING ADEQUATELY SUPPORTED BY STEEL FENCE POSTS 6' O.C. MAXIMUM SPACING.
- ALL PLANT MATERIAL LOCATIONS SHOWN ARE APPROXIMATE. THE LANDSCAPE ARCHITECT SHALL APPROVE THE STAKING LOCATION OF ALL PLANT MATERIALS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MULCHES AND PLANTING SOIL QUANTITIES TO COMPLETE THE WORK SHOWN ON THE PLAN. THESE QUANTITIES ARE INCIDENTAL AND THE CONTRACTOR SHALL VERIFY.
- LONG-TERM STORAGE OF MATERIALS OR SUPPLIES ON-SITE WILL NOT BE ALLOWED.
- ANY PLANT STOCK NOT PLANTED ON DAY OF DELIVERY SHALL BE HEELED IN AND WATERED UNTIL INSTALLATION. PLANTS NOT MAINTAINED IN THIS MANNER WILL BE REJECTED.
- ALL PLANTS SHALL BE GUARANTEED FOR ONE COMPLETE GROWING SEASON (APRIL 1 - NOVEMBER 1), UNLESS OTHERWISE SPECIFIED. THE GUARANTEE SHALL COVER THE FULL COST OF REPLACEMENT INCLUDING LABOR AND PLANTS.
- CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AT LEAST 3 DAYS PRIOR TO PLANNED DELIVERY. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AT LEAST 24 HOURS IN ADVANCE OF BEGINNING PLANT INSTALLATION.
- MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PORTION OF THE WORK IS IN PLACE. PLANT MATERIAL SHALL BE PROTECTED AND MAINTAINED UNTIL THE INSTALLATION OF THE PLANTS IS COMPLETE. INSPECTION HAS BEEN MADE, AND PLANTINGS ARE ACCEPTED EXCLUSIVE OF THE GUARANTEE. MAINTENANCE SHALL INCLUDE WATERING, CULTIVATING, MULCHING, REMOVAL OF DEAD MATERIALS, RE-SETTING PLANTS TO PROPER GRADE AND KEEPING PLANTS IN A PLUMB POSITION. AFTER ACCEPTANCE, THE OWNER SHALL ASSUME MAINTENANCE RESPONSIBILITIES. HOWEVER, THE CONTRACTOR SHALL CONTINUE TO BE RESPONSIBLE FOR KEEPING TREES PLUMB THROUGHOUT THE GUARANTEE PERIOD.
- ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL LANDSCAPE LEGEND SPECIFICATIONS.
- WATERING: MAINTAIN A WATERING SCHEDULE WHICH WILL THOROUGHLY WATER ALL PLANTS ONCE A WEEK. IN EXTREMELY HOT, DRY WEATHER, WATER MORE OFTEN AS REQUIRED BY INDICATIONS OF HEAT STRESS SUCH AS WILTING LEAVES. CHECK MOISTURE UNDER MULCH PRIOR TO WATERING TO DETERMINE NEED. CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR WATER.
- CONTRACTOR SHALL REQUEST, IN WRITING, A FINAL ACCEPTANCE INSPECTION.
- ALL DISTURBED AREAS TO BE SEEDED, ARE TO RECEIVE 8" TOP SOIL, SEED, MULCH, AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. SEEDING SHALL BE AS PER EL PASO COUNTY STANDARDS.
- CONTRACTOR SHALL VERIFY ALL QUANTITIES SHOWN ON THE LANDSCAPE LEGEND.
- ALL PLANTS WILL BE APPROPRIATELY MAINTAINED TO MEET THE WATERING, MAINTENANCE, ACCEPTANCE, AND WARRANTY REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH SUBCONTRACTORS AND OTHER CONTRACTORS OF RELATED TRADES, AS REQUIRED, TO ACCOMPLISH THE PLANTING AND RELATED OPERATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL PLANT MATERIAL WITH THE INSTALLATION OF OTHER IMPROVEMENTS SUCH AS HARDSCAPE ELEMENTS AND RELATED STRUCTURES.
- THE CONTRACTOR IS RESPONSIBLE TO RESTORE ALL AREAS OF THE SITE, OR ADJACENT AREAS, WHERE DISTURBED BY OPERATION OF OR RELATED TO THE CONTRACTOR'S WORK.

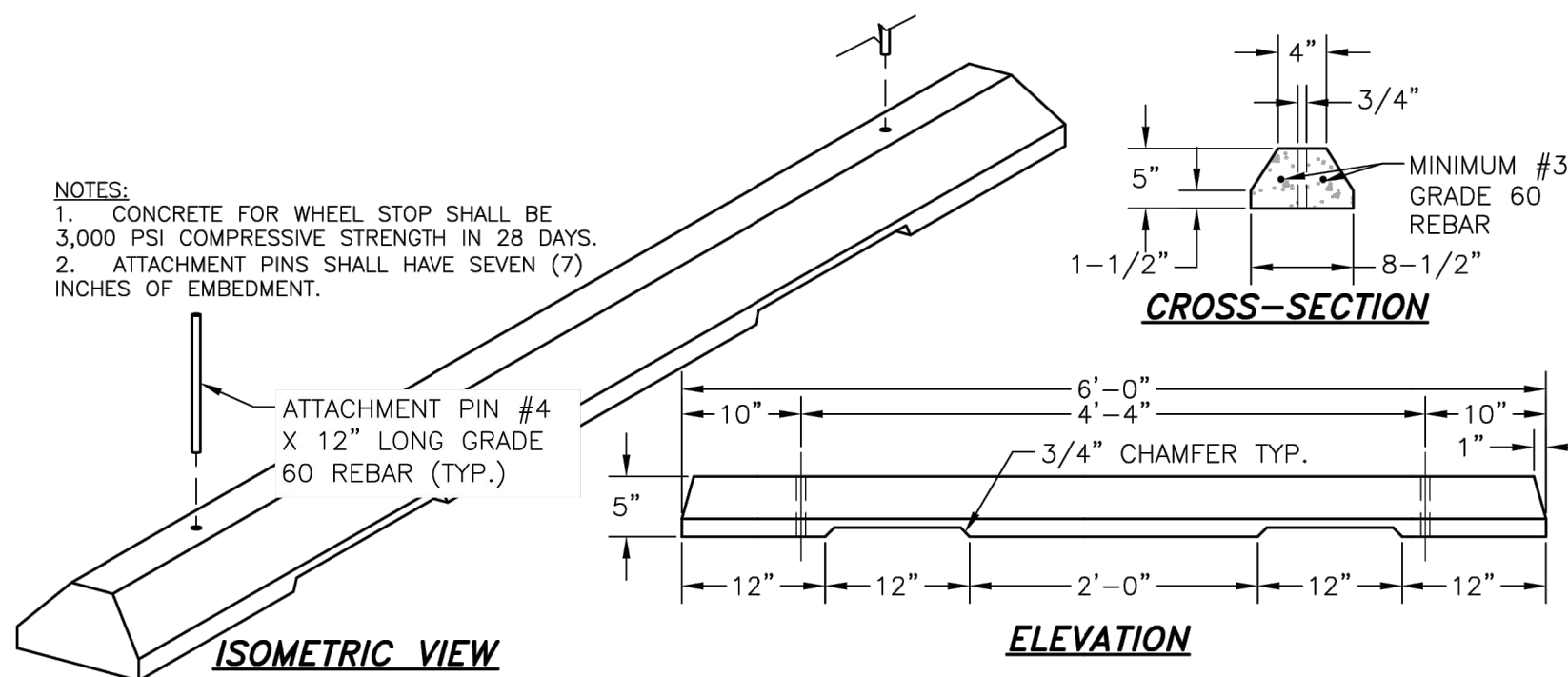
VICINITY MAP

SCALE: 1" = 1000'



SITE DATA

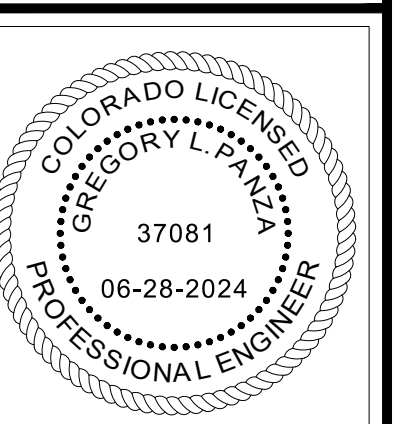
PARCEL SIZE: 5.04 AC
 EXISTING LAND USE/DEVELOPMENT: VACANT
 EXISTING ZONING DISTRICT: RR-2.5
 PROPOSED ZONING DISTRICT: N/A



WHEEL STOP DETAIL

SCALE: NTS

90% CONSTRUCTION DOCUMENTS



DRAWN BY: ACH JOB DATE: 9/9/2024
 APPROVED: JF JOB NUMBER: 201662.07
 CAD DATE: 9/9/2024
 CAD FILE: J:\2020\201662.07\CAD\Drawings\C\lift_station\ls_Landscape

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NO.	DATE	BY	REVISION DESCRIPTION

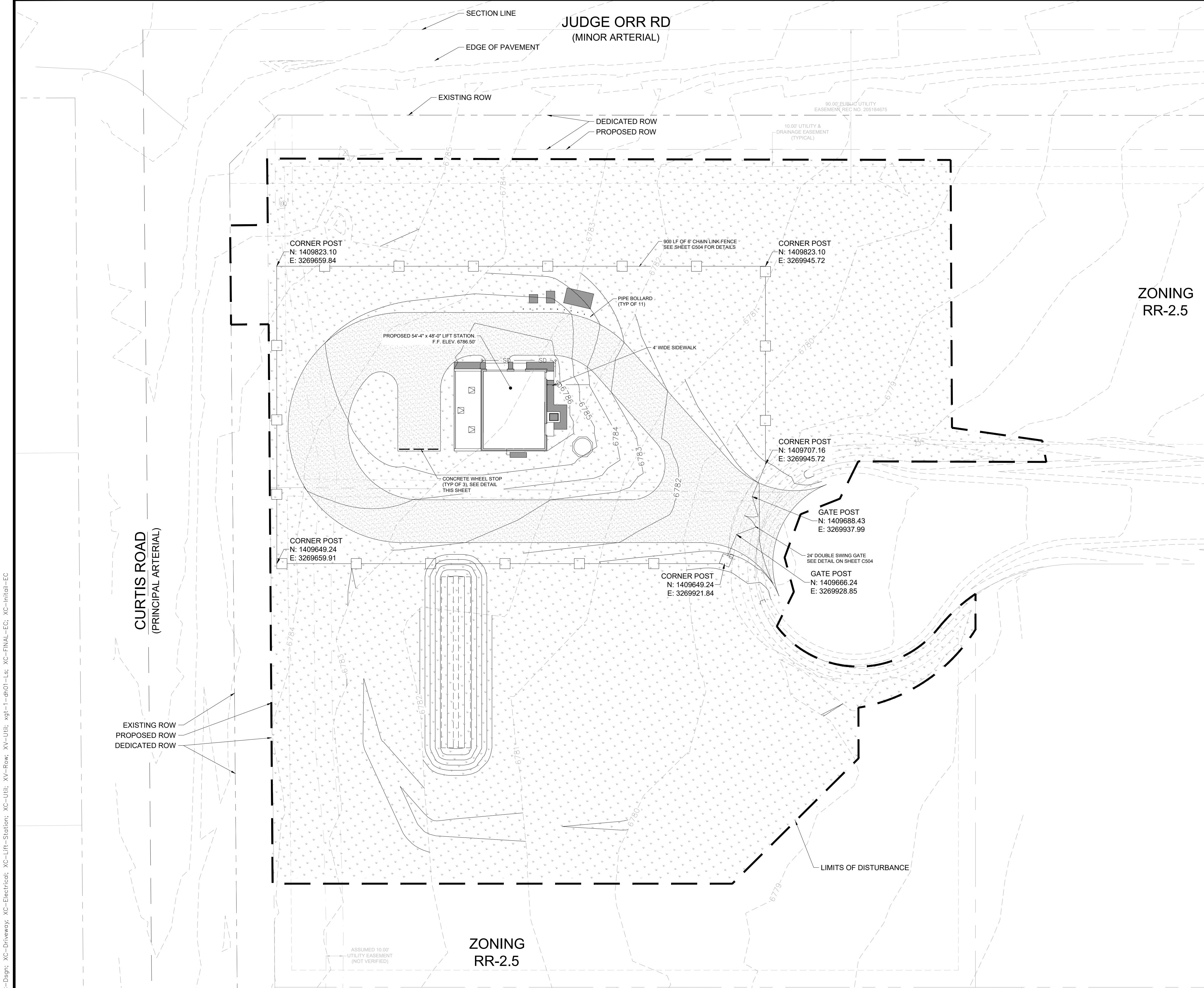


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 SANITARY SEWER LIFT STATION
 DESIGN & PERMITTING SERVICES
 EL PASO COUNTY
 PEYTON, CO



CIVIL
 SUBSTITUTE LANDSCAPING PLAN COVER

SHEET
 C-109



SUBSTITUTE LANDSCAPE PLAN CALCULATIONS		
STREET NAME OR ZONE BOUNDARY	JUDGE ORR RD.	CURTIS RD.
LANDSCAPE SETBACK LOCATION	NORTH	WEST
ZONE DISTRICT BOUNDARY	NO	NO
STREET CLASSIFICATION	MINOR ARTERIAL	PRINCIPAL ARTERIAL
SETBACK DEPTH REQUIRED/PROVIDED	20' / 20'	25' / 25'
LINEAR FOOTAGE	400'	424'
TREE/FEET REQUIRED	1 TREE / 25'	1 TREE / 20'
NUMBER OF TREES REQUIRED/PROVIDED	16 / 0*	22 / 0*
SHRUB SUBSTITUTION REQUIRED/PROVIDED	0 / 0	0 / 0
ORNAMENTAL GRASS SUBSTITUTION REQ./PROV.	0 / 0	0 / 0
PLANT ABBREVIATION DENOTED ON PLAN *	JO	CR
% GROUND PLANE VEG. REQUIRED/PROVIDED	75% / 75%	75% / 75%

* NOTE: CONFLICT WITH EXISTING UTILITIES AND UTILITY EASEMENTS.

GROUND COVER LEGEND			
SYMBOL	DESCRIPTION	QUANTITY	UNITS
	NATIVE LOW GROW SEED MIX PRE-BLENDED, EL PASO COUNTY ALL PURPOSE LOW GROW MIX INSTALLED PER SUPPLIER'S SPECIFICATIONS. TEMPORARILY IRRIGATED UNTIL ESTABLISHED.	118,858	SQ. FT.

SEEDING SPECIFICATIONS

- NATIVE SEEDING
 EL PASO COUNTY ALL PURPOSE LOW GROW MIX
 25% BUFFALOGRASS
 20% GRAMA, BLUE
 29% GRAMA, SIDEOATS
 5% GREEN NEEDLEGRASS
 20% WHEATGRASS, WESTERN
 1% DROPSEED, SAND
- SEEDING RATE: 42 LBS PLS/ACRE

HR GREEN Xrefs: XC-Dsgn; XC-Driveway; XC-Electrical; XC-Lift-Station; XC-Utit; XY-Road; XY-Utit; xgt-1-gh01-Ls; XC-FINAL-EC; XC-Initial-EC

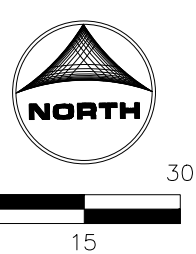
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 APPROVED: JF JOB NUMBER: 201662.07
 CAD DATE: 9/9/2024
 CAD FILE: J:\2020\201662.07\CAD\DWG\C\l\l\Station\Ls_Landscape

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

NO.	DATE	BY	REVISION DESCRIPTION

HRGreen.com

D.R. HORTON - GRANDVIEW RESERVE
 SANITARY SEWER LIFT STATION
 DESIGN & PERMITTING SERVICES
 EL PASO COUNTY
 PEYTON, CO



90% CONSTRUCTION DOCUMENTS



CIVIL
 SUBSTITUTE LANDSCAPING PLAN

SHEET
 C-110

Comment response for LANDSCAPE PLANS

Page No	Comments	Response
1	This is for the substitute landscape plan not grading please revise pages 1-2	Cover sheet and Legend sheet (Page 1 and 2) updated