

PUBLIC IMPROVEMENT CONSTRUCTION PLANS

FOR

NORTH XCEL TRAIL - PHASE I

TOWN OF CASTLE ROCK, COLORADO

PROJECT # CDXX-XXXX

CONTACTS

OWNER/DEVELOPER
VILLAGES AT CASTLE ROCK
METROPOLITAN DISTRICT NO.4
6551 S. REVERE PARKWAY, SUITE 265
CENTENNIAL, CO 80111
CONTACT: KARL KASCH
PHONE: (303) 564-1948

TOWN OF CASTLE ROCK
100 NORTH WILCOX STREET
CASTLE ROCK, CO 80104
PHONE (720) 733-2200

ENGINEER
TERRACINA DESIGN
10200 E. GIRARD AVE.
BLDG. A, SUITE 314
DENVER, CO 80231
PHONE (303) 632-8867
CONTACT: MARTIN METSKER
MMETSKER@TERRACINADesign.COM

SURVEYOR
AZTEC CONSULTANTS
300 EAST MINERAL AVE., SUITE 1,
LITTLETON, CO 80122
PHONE: (303) 713-1898
CONTACT: JIM LYNCH

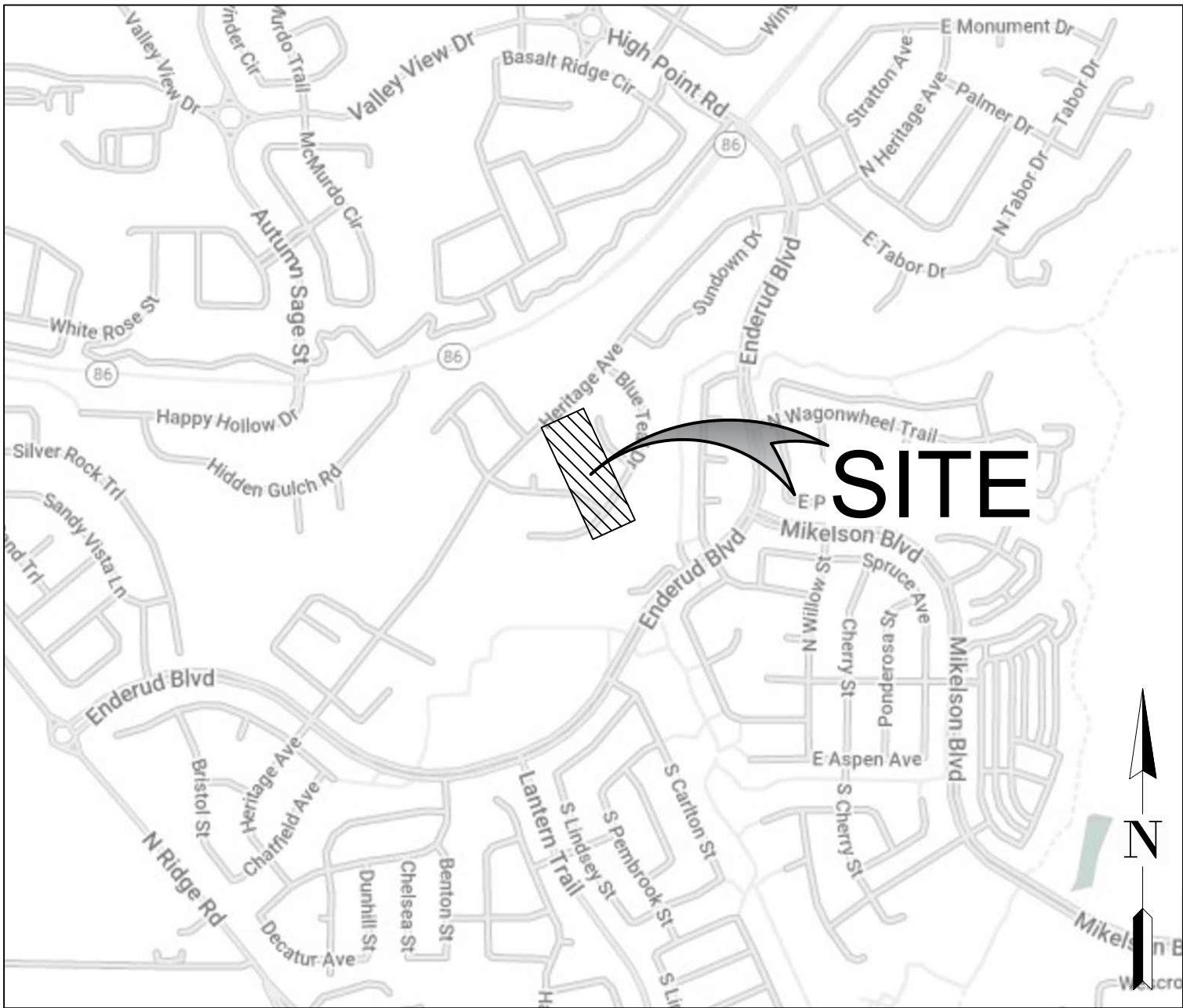
UTILITIES
CASTLE ROCK WATER
175 KELLOGG COURT
CASTLE ROCK, CO 80109
PHONE: (720) 733-6000

PUBLIC WORKS
TOWN OF CASTLE ROCK
PUBLIC WORKS DEPARTMENT
4175 NORTH CASTLETON COURT
CASTLE ROCK, CO 80109
PHONE: (720) 733-2462
FAX: (303) 660-1025

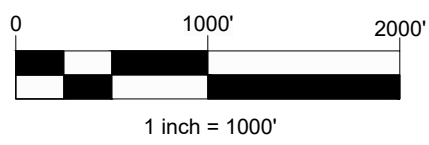
TOWN OF CASTLE ROCK
TOWN OF CASTLE ROCK
DEVELOPMENT SERVICES DEPARTMENT
100 NORTH WILCOX STREET
CASTLE ROCK, CO 80104
PHONE (720) 733-2200

NOTES

1. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.



VICINITY MAP



SHEET INDEX

- NO SHEET TITLE
1 COVER SHEET
2 GENERAL NOTES
3 OVERALL SITE PLAN
4 XCEL TRAIL 01 - P&P

BENCHMARK
ELEVATION ARE BASED ON NGS BENCHMARK V336, BEING A 3" BRASS CAP STAMPED "US COAST AND GEODETIC SURVEY BENCH MARK V 366 1952" LOCATED IN THE CENTER OF A 4 FOOT BY 4 FOOT GRANITE ROCK ON THE SOUTHWEST SIDE OF STATE HIGHWAY 86, 1580 FEET SOUTHWEST OF THE INTERSECTION OF STATE HIGHWAY 86 AND HIGH POINT ROAD, 65 FEET SOUTHWEST OF THE EDGE OF OIL AND 65 FEET SOUTHWEST OF A POWER POLE.
NAVD88 ELEV=6554.48'

BASIS OF BEARING
BEARINGS ARE BASED ON AN ASSUMED BEARING OF N88°40'05"E ALONG THE NORTHERLY LINE OF THE NORTHWEST QUARTER OF SECTION 8, BEING MONUMENTED BY A FOUND NO.5 REBAR WITH 2- $\frac{3}{4}$ " ALUMINUM CAP STAMPED "AZTEC CP 50" AT THE NORTHWEST CORNER.

I HEREBY AFFIRM THAT THE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

MARTIN METSKER
STATE OF COLORADO # 41743

TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

INDEMNIFICATION AND ADHERENCE TO STANDARDS STATEMENT

THESE PLANS HAVE BEEN REVIEWED BY THE TOWN OF CASTLE ROCK FOR CONCEPT ONLY. THE REVIEW DOES NOT IMPLY RESPONSIBILITY BY THE REVIEWING DEPARTMENT, THE TOWN ENGINEER, OR THE TOWN OF CASTLE ROCK FOR ACCURACY AND CORRECTNESS OF THE CALCULATIONS. FURTHERMORE, THE REVIEW DOES NOT IMPLY THAT QUANTITIES OF ITEMS ON THE PLANS ARE THE FINAL QUANTITIES REQUIRED. THE REVIEW SHALL NOT BE CONSTRUED FOR ANY REASON AS ACCEPTANCE OF FINANCIAL RESPONSIBILITY BY THE TOWN FOR ADDITIONAL QUANTITIES OF ITEMS SHOWN THAT MAY BE REQUIRED DURING THE CONSTRUCTION PHASE.

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF CASTLE ROCK MUNICIPAL CODE, TECHNICAL MANUALS, AND/OR OTHER TOWN-APPROVED APPLICABLE STANDARDS.

PROFESSIONAL ENGINEER CERTIFICATION

I HEREBY AFFIRM THAT THE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

MARTIN METSKER, PE #41743
TERRACINA DESIGN
10200 E. GIRARD AVE.
BUILDING A, SUITE 314
DENVER, CO 80231
PHONE (303) 632-8867

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/18/2023	MM

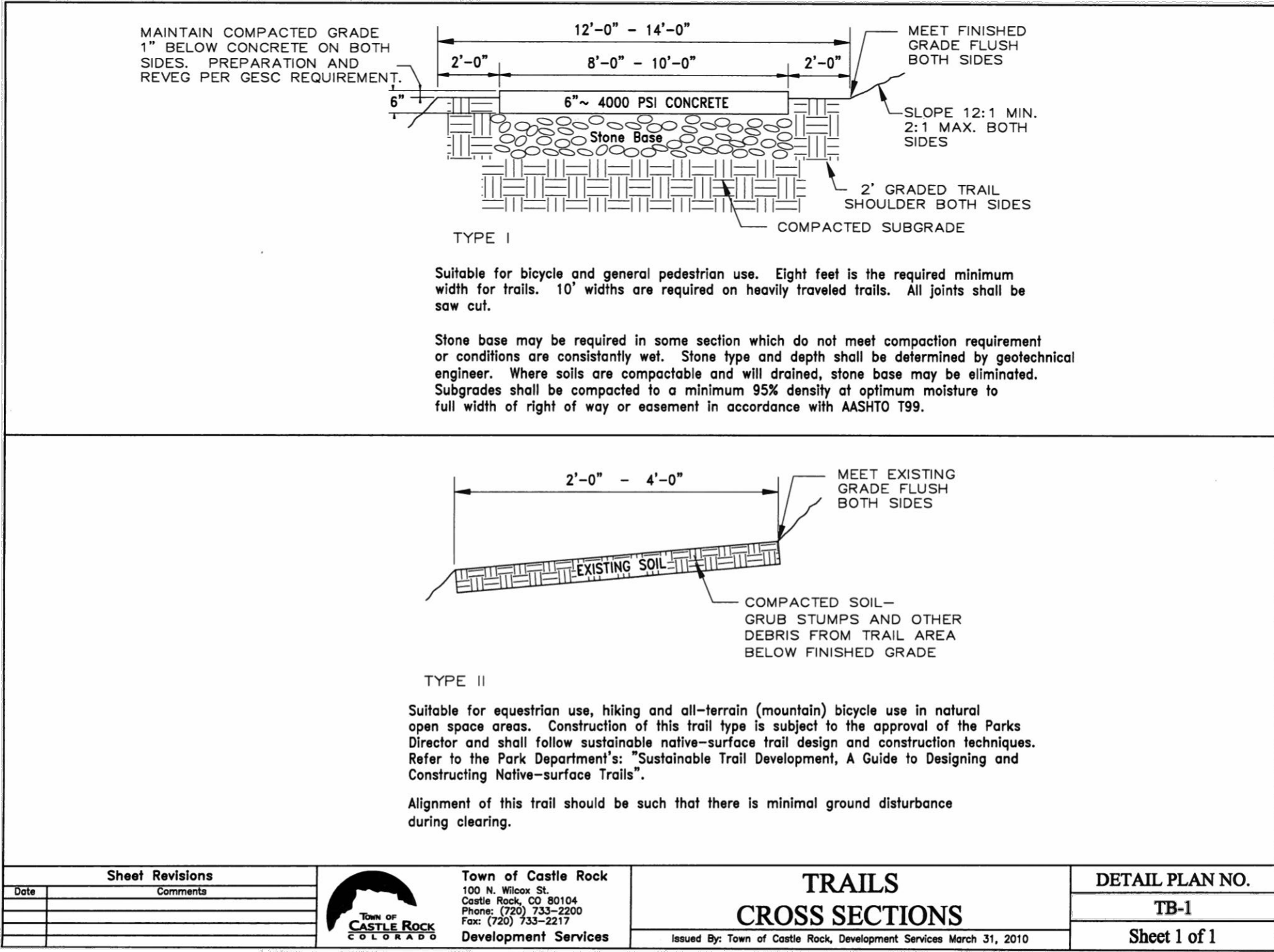
NOT FOR
CONSTRUCTION

NORTH XCEL TRAIL - PHASE 1
CASTLE ROCK, COLORADO
TRAIL CONSTRUCTION DOCUMENTS
COVER SHEET

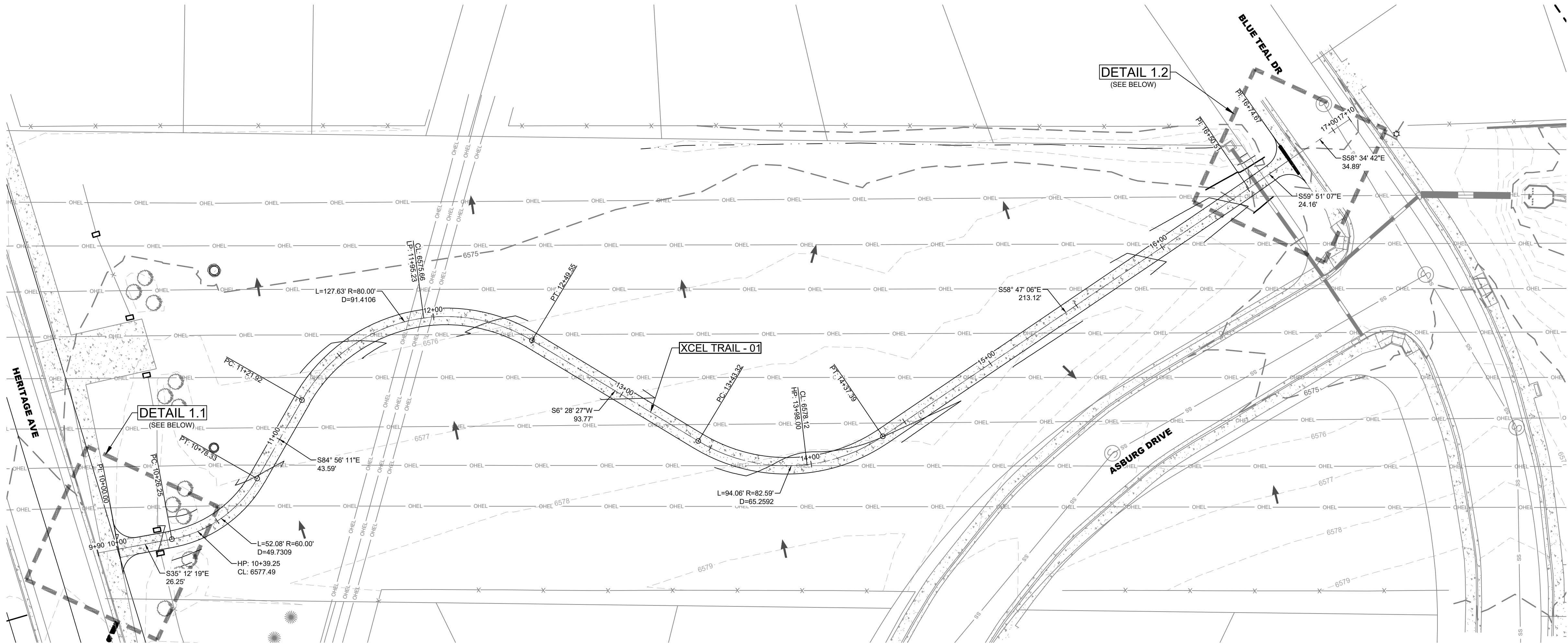
4/16/2025 9:41 AM, X:\VILLAGES AT CASTLE ROCK\CDR\LANDSCAPE - XCEL\TRAILS\XCEL TRAILS - PHASE 1 - GENERAL NOTES-XCEL TRAILS.DWG 1

GENERAL NOTES

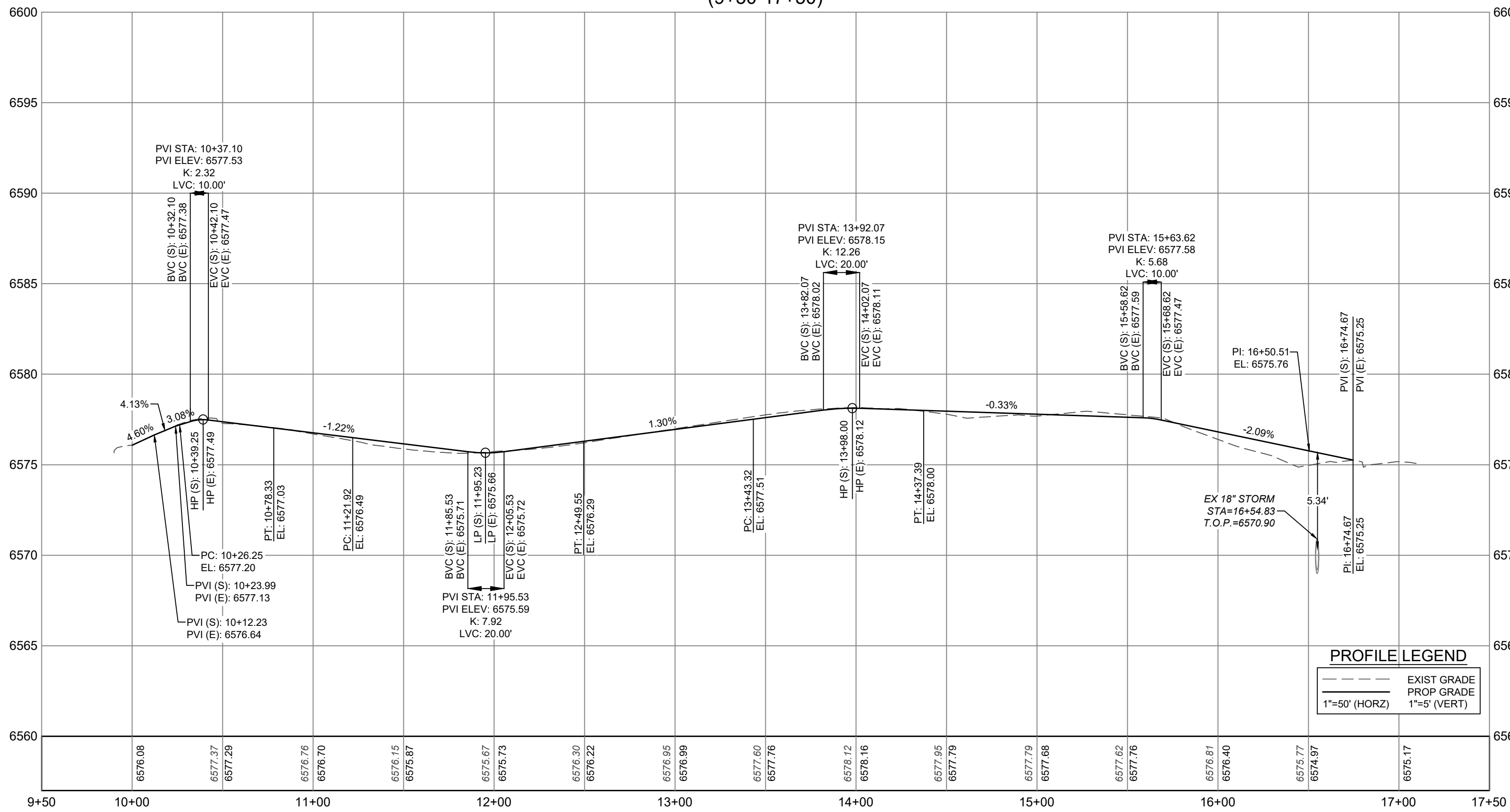
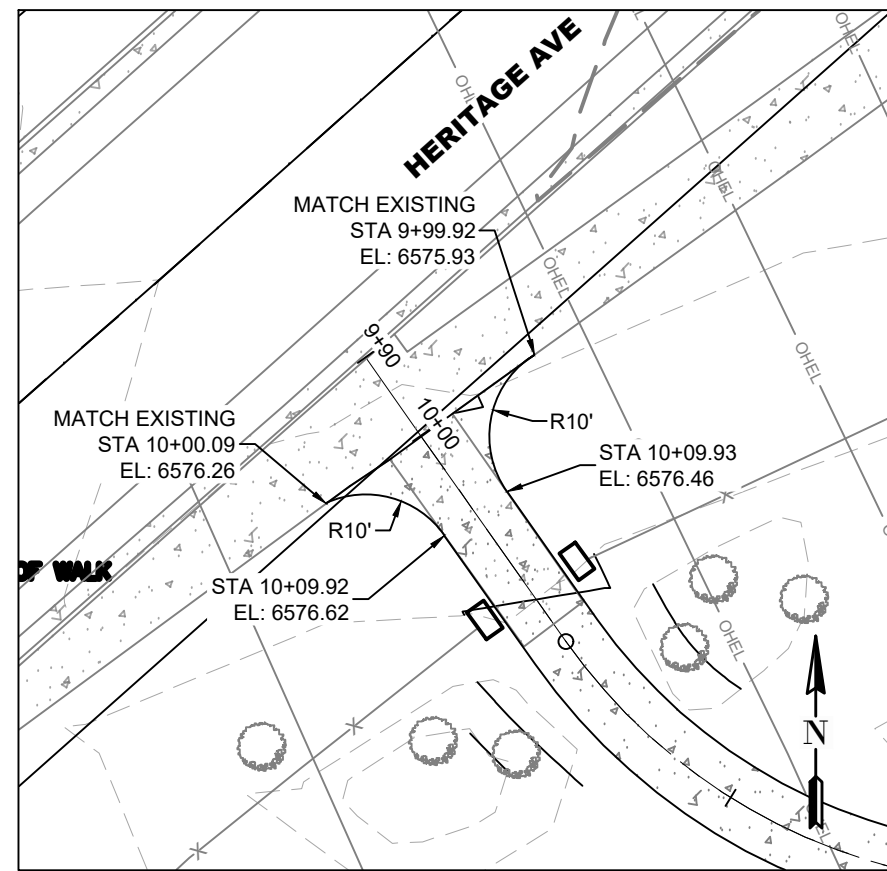
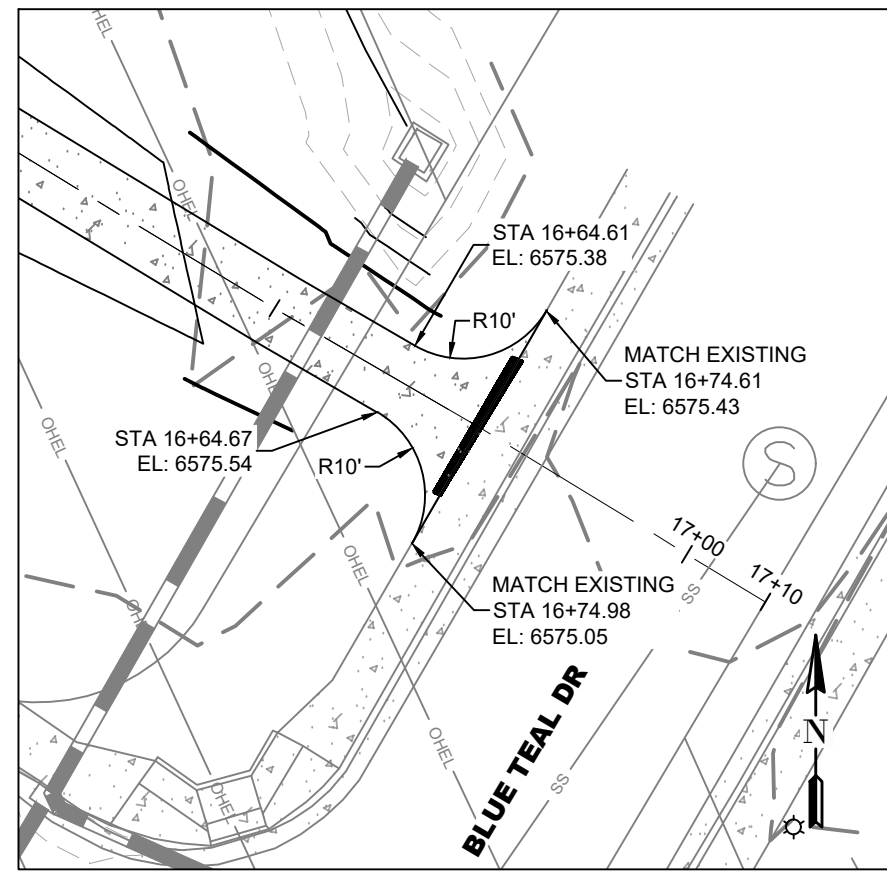
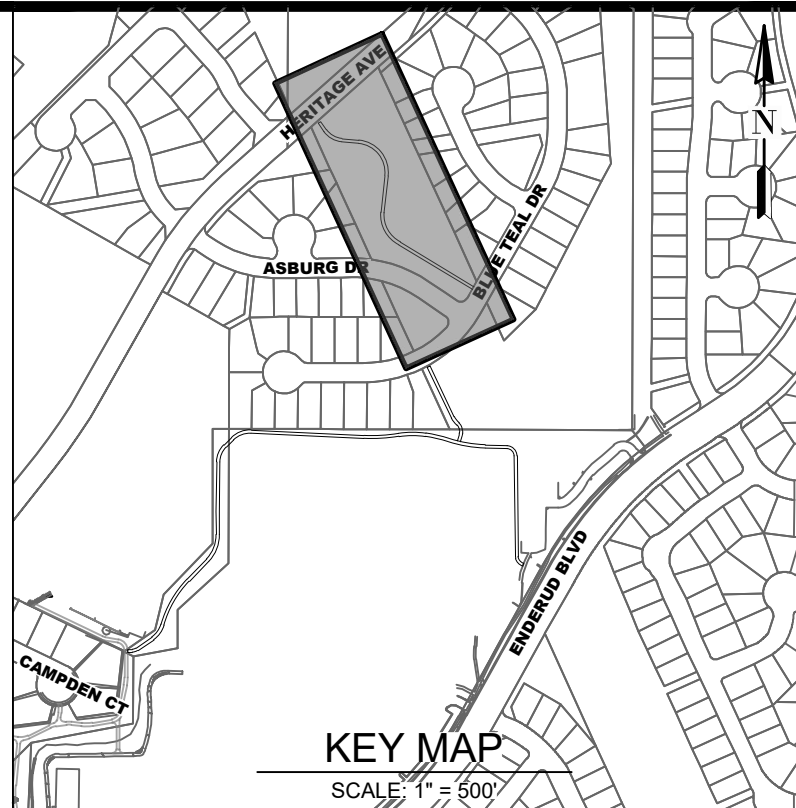
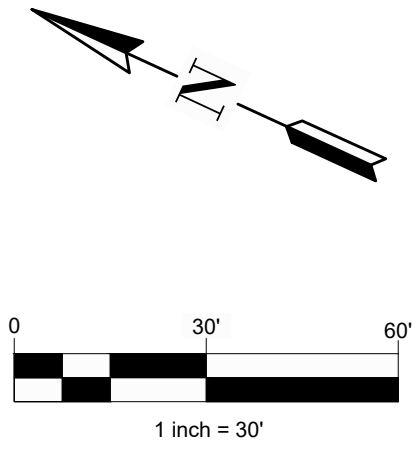
1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF PUBLIC IMPROVEMENTS SHALL MEET OR EXCEED THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE TOWN OF CASTLE ROCK (TCR) MUNICIPAL CODE, TCR TECHNICAL MANUALS, AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE TECHNICAL MANUAL OR ANY APPLICABLE STANDARDS, THE MORE STRINGENT STANDARD SHALL APPLY. ALL WORK SHALL BE INSPECTED AND APPROVED BY THE TCR CONSTRUCTION INSPECTOR.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE.
3. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE TOWN AND ALL UTILITY COMPANIES INVOLVED WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
5. CONTRACTOR SHALL PROVIDE A MINIMUM SEVENTY-TWO (72) HOURS NOTICE TO THE ON-SITE TCR CONSTRUCTION INSPECTOR, (720) 733-2200, PRIOR TO MAKING ANY CONNECTIONS/TIE-INS TO EXISTING WATER, SANITARY SEWER, AND/OR STORM SEWER SYSTEMS PROVIDED THAT THE UTILITY TIE-IN DOES NOT DISRUPT SERVICE TO EXISTING OR WATER CUSTOMERS. IF THE TIE-IN WILL DISRUPT UTILITY SERVICE, THEN CONTRACTOR SHALL PROVIDE A MINIMUM OF THREE (3) WEEKS NOTICE TO THE TCR CONSTRUCTION INSPECTOR TO ALLOW TIME FOR CR WATER TO PROVIDE WRITTEN NOTIFICATION TO EXISTING CUSTOMERS AFFECTED BY THE TIE-IN. ALL TOWN UTILITY TIE-INS MUST BE APPROVED BY CR WATER PRIOR TO COMMENCING WORK.
6. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE CRITERIA AND SPECIFICATIONS, AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB ONSITE AT ALL TIMES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO, EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
8. IF DURING THE CONSTRUCTION PROCESS CONDITIONS ARE ENCOUNTERED WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE TCR CONSTRUCTION INSPECTOR IMMEDIATELY.
9. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD UNLESS SPECIFICALLY STATED OTHERWISE.
10. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD TO THE APPROPRIATE RIGHT-OF-WAY AUTHORITY (TOWN, COUNTY OR STATE) FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN OR AFFECTING THE RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY THE CONSTRUCTION ACTIVITIES.
11. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR AS DESIGNATED TO BE PROVIDED, INSTALLED, OR CONSTRUCTED UNLESS SPECIFICALLY NOTED OTHERWISE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING AS-BUILT INFORMATION ON A SET OF RECORD DRAWINGS KEPT ON THE CONSTRUCTION SITE AND AVAILABLE TO THE TCR CONSTRUCTION INSPECTOR AT ALL TIMES.
13. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. IF PERTINENT DIMENSIONS ARE NOT SHOWN, CONTACT THE CONSULTANT ENGINEER FOR CLARIFICATION AND ANNOTATE THE DIMENSION ON THE AS-BUILT RECORD DRAWINGS.
14. ALL INITIAL SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PER THE TEMPORARY EROSION & SEDIMENT CONTROL (TESC) PLAN PRIOR TO ANY EARTH-DISTURBING ACTIVITY. ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION AT ALL TIMES. REMOVAL OF CONTROL MEASURES SHALL NOT OCCUR WITHOUT THE APPROVAL OF THE STORMWATER INSPECTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE. THE CONTRACTOR SHALL ALSO COMPLY WITH ALL TERMS AND CONDITIONS OF THE COLORADO CONSTRUCTION GENERAL PERMIT FOR STORMWATER DISCHARGES.
15. THE CONTRACTOR SHALL PROVIDE AN ACTION PLAN IMMEDIATELY FOLLOWING THE PRE-CONSTRUCTION MEETING DETAILING SUFFICIENT MEANS TO MITIGATE DUST ON SITE DURING OVERLOT GRADING, ROCK CRUSHING OR OTHER EARTHWORK ACTIVITIES. IF THE CONTRACTOR FAILS TO CONTROL DUST, ALL EARTH DISTURBING ACTIVITIES SHALL BE STOPPED UNTIL SUFFICIENT MEASURES ARE TAKEN TO THE TOWN'S SATISFACTION. THE CONTRACTOR SHALL ALSO COMPLY WITH ALL TERMS AND CONDITIONS OF THE COLORADO AIR QUALITY REGULATIONS FOR LAND DEVELOPMENT, AS REQUIRED.
16. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF THE WATER LINES AND DRY UTILITIES.
17. THERE SHALL BE NO SITE CONSTRUCTION ACTIVITIES ON SATURDAYS UNLESS SPECIFICALLY APPROVED BY THE TCR CONSTRUCTION INSPECTOR AND NO SITE CONSTRUCTION ACTIVITIES ON SUNDAYS OR HOLIDAYS UNLESS THERE IS PRIOR WRITTEN APPROVAL BY THE PUBLIC WORKS DIRECTOR.
18. NO SOLID OBJECT (EXCLUDING FIRE HYDRANTS AND TRAFFIC CONTROL DEVICES AND TRAFFIC SIGNS) EXCEEDING THIRTY (30) INCHES IN HEIGHT ABOVE THE FLOWLINE ELEVATION OF THE ADJACENT STREET, INCLUDING BUT NOT LIMITED TO BUILDINGS, UTILITY CABINETS, WALLS, FENCES, LANDSCAPE PLANTINGS, CROPS, CUT SLOPES, AND BERMS, SHALL BE PLACED WITHIN SIGHT DISTANCE LINES AND SIGHT DISTANCE EASEMENTS.
19. NO FEMA REGULATED FLOODPLAINS OR WETLANDS LIE WITHIN THE SITE. THE SITE LIES IN ZONE X, AN AREA OF MINIMAL FLOOD HAZARD. THE 100-YEAR ZONE A FLOODPLAIN DOES NOT ENCROACH ONTO THE SITE PER THE FEMA FIRM MAP PANEL NUMBER 08035C0169G, REVISED MARCH 16, 2016.
20. ELEVATION ARE BASED ON NGS BENCHMARK V336, BEING A 3 1/2" BRASS CAP SET IN A GRANITE ROCK ON THE SOUTH SIDE OF HIGHWAY 86, APPROXIMATELY 1550 FEET SOUTHWEST OF THE INTERSECTION OF HIGHWAY 86 AND ENDERUD BLVD. ELEVATION = 6554.51 (NAVD 88)
21. BEARINGS ARE BASED ON AN ASSUMED BEARING OF N88°40'05"E ALONG THE NORTHERLY LINE OF THE NORTHWEST QUARTER OF SECTION 8, BEING MONUMENTED BY A FOUND 3 1/4" ALUMINUM CAP PLS # 12405 AT THE NORTHWEST CORNER AND A FOUND 2 1/2" ALUMINUM CAP PLS # 28656 AT THE NORTH QUARTER CORNER.
22. ALL UTILITIES ARE REVIEWED FOR AREA OF PLACEMENT (LOCATION) INCLUDING, IN EASEMENT/ROW, HORIZONTAL AND VERTICAL CLEARANCES, AND CONFLICTS WITH OTHER UTILITIES PER THE TRANSPORTATION DESIGN CRITERIA MANUAL, WATER SYSTEM DESIGN CRITERIA MANUAL, WASTEWATER DESIGN CRITERIA MANUAL, STORM DRAINAGE DESIGN AND TECHNICAL CRITERIA MANUAL, AND ALL OTHER UTILITY OWNER AND OPERATOR CRITERIA.
23. ALL UTILITY CUTS WITHIN RIGHT-OF-WAY ARE TO BE BACKFILLED WITH FLOWABLE FILL UP TO SUBGRADE. EDGE MILL REQUIRED AROUND PERIMETER OF SAWCUT. MATCH EXISTING ASPHALT DEPTH. COORDINATE WITH PUBLIC WORKS INSPECTOR.



4/18/2025 9:45 AM, X/VILLAGES AT CASTLE ROCK/CDR/PLANS/05 - XCEL TRAILS/XCEL TRAILS - PHASE 1 P&P - XCEL TRAILS.DWG 01



XCEL TRAIL - 01 (9+50-17+50)



- LEGEND**
- PROJECT BOUNDARY
 - RIGHT OF WAY (ROW)
 - CENTERLINE
 - LOT / TRACT / PARCEL BOUNDARY
 - EXISTING FENCE
 - SWALE
 - CONCRETE
 - EXISTING TREE

**EARTHWORK - PUBLIC TRAILS
& PUBLIC CONN:**

55.38 CY CUT
17.76 CY FILL
37.61 CY NET CUT

BENCHMARK

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MARTIN METSKER
STATE OF COLORADO # 41743

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APPROVED BY:

DEVELOPMENT SERVICES DATE

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	04/18/2025	MM

**NOT FOR
CONSTRUCTION**

NORTH XCEL TRAIL - PHASE 1
CASTLE ROCK, COLORADO
TRAIL CONSTRUCTION DOCUMENTS
XCEL TRAIL 01 - P&P